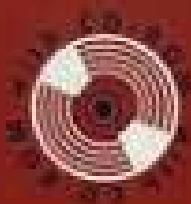

New Series

LANDOLT-BÖRNSTEIN

Numerical Data and Functional Relationships in Science and Technology

GROUP IV

VOLUME 20

Physical Chemistry

Vapor Pressure of Chemicals

SUBVOLUME A

Vapor Pressure and Antoine Constants for Hydrocarbons, and Sulfur, Selenium, Tellurium, and Halogen Containing Organic Compounds

Springer

Landolt-Börnstein
Numerical Data and Functional Relationships in Science and Technology
New Series / Editor in Chief: W. Martienssen

Group IV: Physical Chemistry
Volume 20

Vapor Pressure of Chemicals

Subvolume A
Vapor Pressure and Antoine Constants for Hydrocarbons, and
Sulfur, Selenium, Tellurium, and Halogen Containing Organic Compounds

J. Dykyj, J. Svoboda, R.C. Wilhoit, M. Frenkel, K.R. Hall

Edited by K.R. Hall

Springer

ISSN 0942-7996 (Physical Chemistry)

ISBN 3-540-64735-X Springer-Verlag Berlin Heidelberg New York

Library of Congress Cataloging in Publication Data
Zahlenwerte und Funktionen aus Naturwissenschaften und Technik, Neue Serie
Editor in Chief: W. Martienssen
Vol. IV/20A: Editor: K.R. Hall
At head of title: Landolt-Börnstein. Added t.p.: Numerical data and functional relationships in science and technology.
Tables chiefly in English.
Intended to supersede the Physikalisch-chemische Tabellen by H. Landolt and R. Börnstein of which the 6th ed. began publication in 1950 under title: Zahlenwerte und Funktionen aus Physik, Chemie, Astronomie, Geophysik und Technik.
Vols. published after v. 1 of group I have imprint: Berlin, New York, Springer-Verlag
Includes bibliographies.
1. Physics--Tables. 2. Chemistry--Tables. 3. Engineering--Tables.
I. Börnstein, R. (Richard), 1852-1913. II. Landolt, H. (Hans), 1831-1910.
III. Physikalisch-chemische Tabellen. IV. Title: Numerical data and functional relationships in science and technology.
QC61.23 502'.12 62-53136

Printed in Germany

Cover layout: Erich Kirchner, Heidelberg
Typesetting: Authors and Redaktion Landolt-Börnstein, Darmstadt
Printing: Computer to plate, Mercedes-Druck, Berlin
Binding: Lüderitz & Bauer, Berlin

SPIN: 10680373 63/3020 - 5 4 3 2 1 0 – Printed on acid-free paper

Editor

K.R. Hall
Thermodynamics Research Center
TheTexas A&M University System
College Station, Texas 77843-3111, USA

Authors

J. Dykyj
J. Svoboda
R.C. Wilhoit
M. Frenkel
K.R. Hall
Thermodynamics Research Center
TheTexas A&M University System
College Station, Texas 77843-3111, USA

Landolt-Börnstein

Editorial Office
Gagernstr. 8, D-64283 Darmstadt, Germany
fax: +49 (6151) 171760
e-mail: lb@springer.de

Internet
http://science.springer.de/newmedia/laboe/lbhome.htm

Helpdesk
e-mail: em-helpdesk@springer.de

Preface

The thermodynamic properties of fluids are vital information for design, operation (including safety considerations) and maintenance in the fluid processing or continuous manufacturing industries. Among the thermodynamic properties, some are more important and pervasive with vapor pressure being possibly the most important of all. Practical handling of any fluid requires knowledge of its vapor pressure, and vapor pressure (or boiling point) is invariably among the first properties measured for any substance.

Chemists and chemical engineers are the primary people who need these data. Traditionally, these professionals have populated the petrochemical industries and have driven it to unparalleled levels of efficiency and productivity. However, these same professionals recently have migrated into other fields, such as: electronic materials, pharmaceuticals, environmental professions, food processing, and biotechnology. They bring with them their skills and knowledge of continuous processing and their consequent need for thermodynamic properties, such as vapor pressure. In addition, the faculty and students of academia need this information to prepare those who would enter the fluid processing industries.

The Thermodynamics Research Center at Texas A&M University (TRC) has assembled, collected, evaluated and published tables of thermodynamic data for nearly 60 years. These current volumes describing vapor pressures come from those tables and other evaluation projects conducted by TRC and other research groups, and, as of the publication date, represent all known, evaluated data. The volumes contain constants derived from fitting experimental data with the Antoine and extended Antoine vapor pressure equations. The condensed phases can be either liquid or crystal. Thus, these constants provide evaluated vapor pressures which professional thermodynamicists believe represent the data within experimental error.

The present volume covers hydrocarbons and organic chemicals containing S, Se, Te as well as halohydrocarbons, total of 4,252 compounds.

While the parameters presented in this series only describe pure compounds, the vapor pressures of pure compounds are essential for describing the phase behavior of mixtures accurately. The simplest equation for describing the phase behavior of mixtures is Raoult's Law which states that the mole fraction of a component in an equilibrium vapor mixture multiplied by the total pressure equals the mole fraction of that component in the equilibrium liquid mixture multiplied by the vapor pressure. More accurate equations append correction terms to each side of this equation.

Because these volumes present vapor pressures for such a wide variety of organic compounds, they should be of value to professionals in a wide variety of commercial and academic activities. Because they have been evaluated, those who would use these values are freed from the necessity of selecting from among various sets of data.

College Station, Texas, January 1999 The Editor

Acknowledgements

The authors express their sincere thanks to members of the staff of the Thermodynamics Research Center, part of the Chemical Engineering Division of the Texas Engineering Experiment Station within the Texas A&M University System. Our special thanks to Colin Worthy, Christina Virgilio, James Requenez, Munaf Chasmawala, and Cheryl Clark, and for their assistance in data collection and entry, formatting the text, and composing the camera-ready copy of the manuscript.

College Station, Texas, January 1999 J. Dykyj, J. Svoboda, R.C. Wilhoit, M. Frenkel, K.R. Hall

1 Introduction

1.1 Definitions

Equilibrium intensive thermodynamic properties of pure compounds that exist as a single phase, *e.g.* crystal (solid), liquid or gas, are functions of two independent observables. Temperature and pressure are usually the selected variables, although other pairs may be used.

Properties of pure compounds that exist as two phases in equilibrium are functions of one independent variable. Either temperature or pressure may be chosen as the independent variable. If one of the phases is condensed (solid or liquid) and the other phase is gas (vapor) and temperature is the independent variable, the pressure is the *vapor pressure*. The vapor pressure is a function only of temperature, and it is independent of the volume of the system or of the amounts of phases present. If pressure is the independent variable, the temperature is the *boiling point*. Therefore, the boiling point is a function only of pressure applied to the system and is independent of the total volume or of the amounts of the two phases present

The terms *vapor pressure* and *boiling point* of a pure component are two equivalent ways of referring to the same physical state. When the condensed phase is a solid the term *sublimation point* is usually used instead of *boiling point*. The boiling (or sublimation) point at one atmosphere is the *normal boiling (sublimation) point.*

Reciprocal temperature in thermodynamics is the integrating factor for reversible energy transfer as heat. Two kinds of temperature exist: *thermodynamic temperature* that is independent of any particular physical system and defined within the Second Law of Thermodynamics and the *practical temperature scale* used with thermometers. The International Committee on Weights and Measures establishes this scale and keeps it as consistent as possible with the thermodynamic temperature. The ITS (International Temperature Scale) is revised every 20 years (most recently in 1990). Temperatures measured on this scale are designated ITS-90. The size of the degree on this scale is determined by the convention that the triple point of water is exactly 273.16 K on the ITS-90 scale. The rest of the scale is defined in terms of *18 fixed points* consisting of melting and boiling points of specified substances. Exact temperatures are assigned to these points. Interpolation between points is made by a series of standard thermometers whose construction is specified in the definition of ITS-90 [90-its]

Pressure is the force per unit area acting perpendicular to a surface. The unit of pressure in the SI system of units is Newtons per square meter. This unit is also called the *Pascal* and abbreviated as Pa. Another unit frequently encountered in practice is the *torr*. This unit corresponds to a millimeter of mercury in a standard barometer. The standard barometer is a glass tube filled with mercury connected to vacuum on one side and to the measured pressure on the other. The mercury is at 0 ^{o}C in a location having gravity corresponding to the standard gravitational acceleration, g = 9.807 m·s^{-2}. One atmosphere (1 atm) is 760 torr exactly, which corresponds to 101325 Pa.

The highest temperature at which a liquid can exist in equilibrium with its vapor is the *critical temperature*. Above this temperature liquid and vapor do not exist as separate phases. Thus, a substance does not have a vapor pressure (or boiling point) above its critical temperature. The pressure exerted by a substance at its critical temperature is its *critical pressure* and the density in this state is the *critical density*. Critical constants are significant not only because they provide the upper limit of vapor pressure,

but also because of their theoretical implications, their use in developing equations of state and the role they play in many physicochemical correlations. A recent compilation of recommended critical constants is being published as a series [95-ambyou, 95-ambtso, 95-tsoamb, 95-gudtej, 96-dau].

1.2 Measurement of Vapor Pressure and Boiling (or Sublimation) Point

The experimental determination of a vapor pressure or boiling (sublimation) point for a pure compound using static or quasistatic methods consists of measuring the temperature and pressure of a sample of the compound when a condensed phase exists in equilibrium with the gas phase. Temperature is measured with a *thermometer*. Examples of thermometers are mercury-in-glass thermometers, thermocouples, electrical resistance thermometers, thermistors, quartz crystal oscillators, and optical pyrometers [82-guahon]. Pressure usually is measured with a manometer, mercury barometer, Bourdon gage or dead-weight gage. The choice of instrument depends upon the accuracy desired and the range of temperatures and pressures, among other considerations.

Manometers are used in two general ways. The manometer may be placed in direct contact with the system at equilibrium, usually in contact with the vapor phase. When used this way, the manometer must be kept at a temperature equal to or greater than that of the system. The other technique uses a pressure transducer. A pressure transducer compares the two pressures on either side of the transducer. It responds when the two pressures are equal. One side of the transducer contacts the system and the other side contacts an external fluid (usually a gas) that contacts the manometer. The external pressure is adjusted to equal the system pressure, and then the manometer reads the system pressure. In this technique, the manometer can be maintained at any convenient temperature.

A pressure transducer may consist of no more than a simple U-shaped glass tube containing an inert liquid such as mercury. Pressure equality occurs when the liquid is at the same level in both legs of the tube. However, pressure transducers also may be elaborate instruments based upon detecting the movement of some type of diaphragm.

Besides the thermometer and pressure gauge, the experimental apparatus requires a means to hold the two phases at equilibrium in close contact long enough for the pressure and temperature to be measured. The thermometer and pressure gauge must respond to the temperature and pressure existing at phase equilibrium. Finally, the measurement requires using a sample of sufficient purity.

Errors in measurement arise from calibration and reading of the thermometer and pressure gauge, inappropriate placement of the sensors of these instruments, failure to achieve equilibrium and impurities in the sample. Impurities may be present in the original sample or may arise from decomposition of the sample or other chemical changes that occur during the course of the measurement.

Two experimental techniques are used for vapor pressure measurements. In one, the sample is contained in a constant temperature environment (thermostat). When the pressure reaches its equilibrium value, the observed value at the established temperature is the vapor pressure. With the other technique, the sample is maintained at a fixed pressure using a manostat and the system is allowed to reach its equilibrium temperature. The observed temperature at this pressure is the boiling point.

Experimental techniques may be somewhat arbitrarily classified as *static, quasistatic (also called dynamic), and kinetic*. [51-par, 93-fre]

1.2.1 Static Techniques

1.2.1.1 Direct Sealed Container

Conceptually, this is the simplest type of vapor pressure apparatus. The sample is placed in a closed container and all air and other volatile impurities are removed as completely as possible. The container is placed in a thermostat kept at constant temperature until phase equilibrium occurs. The temperature and pressure are measured. The pressure gauge can be connected to the system directly or through a pressure transducer.

The main drawback with this technique is the difficulty associated with removing volatile impurities, which involves a sequence of freeze-thaw cycles of the sample under high vacuum. This procedure becomes more difficult to implement for systems having low vapor pressures because the effects of volatile impurities become greater. The procedure also is sensitive to sample decomposition because decomposition products are usually volatile. The lower limit of usefulness is around 100 Pa.

The direct sealed container technique is used more often for mixtures than for pure substances. The possibility of preparing mixtures of accurately known composition compensates for the difficulty in removing volatile impurities.

1.2.1.2 The Isoteniscope

Smith and Menzies [10-smimen] first describe the isoteniscope. This instrument operates as a special type of static method using a glass U-tube as a pressure transducer. Generally, the apparatus includes a sample bulb made from glass for visibility. The U-tube may contain mercury but is more likely to contain the liquid phase of the sample being measured. The apparatus usually is placed in a thermostat and the external pressure is adjusted to equal that of the vapor in contact with the sample. The advantage of this technique is that, when the external pressure is lowered, the sample vapor can bubble through the U-tube, which assists in removing volatile impurities. This sample purging is repeated until constant pressure readings are attained. This procedure is also valid for samples that undergo slow decomposition. The accuracy of this method is limited by the sensitivity of the pressure transducer, in normal use about 20 Pa.

1.2.1.3 The Inclined Piston Gage

This device employs another variation of the static method. The sample is placed in a cylinder closed at the bottom and fitted with a freely moveable piston at the top. The pressure of the gas sample balances the weight of the piston. The effective weight of the piston can be adjusted by tilting the cylinder from a vertical position. The pressure can be calculated from the tilt angle when the sample pressure balances the piston weight. Although it is difficult to remove volatile impurities, this method provides the most accurate measurements made in the range of 100 to 1500 Pa. It is applicable to solids as well as liquids.

1.2.2 Quasistatic Techniques

In quasistatic (or dynamic) techniques, a steady rate of boiling or evaporation is established, and it is assumed that the pressure attained in this steady state is the same as the equilibrium pressure. In careful experiments, pressures are measured at several evaporation rates to verify that they do not depend upon the rate within the experimental conditions.

1.2.2.1 Ebulliometric Techniques

Construction details vary considerably for these devices. In all cases, liquid boils when subjected to steady heating. The vapor passes through a reflux condenser and the resulting liquid returns to the boiler, thus

achieving a steady cycle. Generally, a constant pressure is maintained at the top of the condenser and the temperature of the boiling liquid and vapor is measured. This temperature is the boiling point.

An advantage of this technique is that volatile impurities, especially air, that do not condense in the condenser are removed at the top of the device. The chief limitations are difficulties in attaining smooth, steady boiling without superheating the liquid and in locating the thermometer such that it records to the equilibrium temperature. Special pumps that spray the thermometer with a mixture of liquid and vapor exist. Difficulties in reaching steady boiling limit this technique to pressures greater than 1000 Pa (greater for some substances).

Crude measurements are easy to perform with this technique. With careful attention to details, however it is possible to make the most accurate measurements over the range of 2000 to 200,000 Pa using ebulliometers. With high quality samples, boiling point accuracy of 0.01 ^{o}C or better is possible.
A variation on this technique is twin ebulliometers. In this technique, two matched ebulliometers are connected to the same external pressure at the top of the condenser. A standard substance with accurately known vapor pressure is placed in one ebulliometer and the test sample in the other. When steady boiling is attained in both sides, they are at the same pressure. Pressure is not measured directly; rather the two boiling temperatures are measured. Pressure is established by converting the boiling point of the standard to pressure using a previously determined relationship. For organic liquids, water, benzene, or decane are often used as standards.

Diverting some of the liquid from the condenser enables a sample distillation. For a pure sample, the observed boiling point should not change as the distillation proceeds. Any change in boiling temperature is a measure of sample purity.
This method also produces vapor-liquid equilibrium data for mixtures. It is restricted to liquid samples, however.

1.2.2.2 Transpiration Technique

In this method, a steady stream of inert gas passes over or through the sample held at a constant temperature. The concentration of the sample in the emerging stream is measured. This concentration is then converted to partial pressure, usually by assuming an ideal gas mixture. This partial pressure is the vapor pressure. The method is applicable for solid or liquid samples.

The accuracy of this technique is limited by the difficulty in maintaining steady gas flow, in achieving a sample concentration corresponding to equilibrium without entrainment of liquid drops or solid dust particles, and in analyzing the gas stream. Analysis sometimes employs condensing the sample in a cold trap, and sometimes using some type of chemical analysis. Occasionally, data of high accuracy results from this method, but usually they range from 0.5 to 5%. This method is most useful over the range 100 to 5000 Pa. Its sensitivity to impurities depends upon the method of analysis.

1.2.3 Kinetic Methods

In kinetic methods, a steady rate of evaporation, not necessarily close to equilibrium, is established and measured. Temperature is constant but pressure is not measured directly. Rather, pressure is calculated from the evaporation rate using kinetic theories. Accuracies are low using such methods. The techniques are used exclusively for pressures below about 100 Pa where other methods are not applicable. Even when kinetic methods do not yield meaningful absolute pressures, they may produce a temperature derivative of pressure that can provide the enthalpy of vaporization using Eq. (1.1).

1.2.3.1 Knudsen Effusion Method

In this method, the sample is placed in a small heated chamber with a small hole in either a side or the top. The chamber is placed in a continuously pumped, high vacuum environment. As the sample evaporates gas effuses through the hole into the external vacuum. The flow rate of gas though the hole is a function of

internal pressure, temperature, and the diameter and length of the hole. Under ideal conditions, kinetic theory provides this flow rate (see [93-fre] for this derivation). Measurement of the sample weight loss during evaporation at constant temperature provides the rate of evaporation. Using a continuous weighing technique that does not require removal of the sample chamber greatly increases the speed of making measurements. One method consists of suspending the sample chamber from a quartz spiral spring and measuring its change in length as the sample evaporates. However, temperature measurement is difficult using this technique.

1.2.3.2 Langmuir Method

In this method, the rate of evaporation from an open surface directly into a vacuum is measured. This rate bears some relation to vapor pressure, but it also depends in complicated way upon many other variables. Among these variables are the effective surface area and the coefficient of vaporization. A discussion appears in [93-fre]. This method is confined almost exclusively to solids, and the magnitude of the pressure is subject to large errors.

1.2.4 Measurement of Critical Constants

Special techniques have been developed to measure critical temperature, pressure and density. The most common manner to observe the critical temperature is to heat a sample in a closed tube and measure the temperature at which the boundary (meniscus) between liquid and vapor disappears. This method produces an accuracy of about 0.5 degree in most cases. More sophisticated methods for detecting the merging of the two phases are available, but achieving a reproducibility of better that 0.1 degree is difficult. Some properties of a substance change rapidly in the vicinity of the critical point and many organic compounds decompose at or below the critical temperature. Rapid methods of observation have been developed for these compounds.

The force of gravity influences the measurement of critical temperature. Some have suggested that accurate measurements of the critical temperature must be made in the absence of gravity, such as in an orbiting satellite. This experiment has not yet been performed.

Given the critical temperature of a substance, the critical pressure can be obtained by measuring the pressure at that temperature. It is more common to measure the vapor pressure over a range near the critical temperature, and then to extrapolate to the critical temperature.

1.3 Mathematical Representation of Vapor Pressure

1.3.1 Thermodynamic Relationships

A consequence of the second law of thermodynamics is that the chemical potential of any component in equilibrium phases at a particular temperature or pressure is the same in all phases. For a pure compound the chemical potential is the Gibbs energy per mole of the substance. The following equation results for a condensed phase in equilibrium with the gas phase.

$$dP/dT = (\Delta_v H)(\Delta_v V)^{-1} T^{-1} \tag{1.1}$$

In this equation $\Delta_v H$ is the molar change in enthalpy for the conversion of substance from the equilibrium liquid to the equilibrium vapor phase. $\Delta_v V$ is the molar change in volume when the substance changes from the liquid to the gas. This equation allows calculation of the enthalpy of vaporization from vapor pressure, and it is the *second law method*. Measurement of enthalpy of vaporization with a calorimeter is the *first law method*. The quantities $\Delta_v H$ and $\Delta_v V$ are functions of temperature along the phase boundary. Equation (1.1) can also be written as,

$$d(\ln P)/dT = (\Delta_v H)(\Delta_v Z^{-1}) R^{-1} T^{-2} \tag{1.2}$$

where Z is the compression factor ($Z = PV/RT$). At temperatures well below the critical temperature, the liquid volume is negligible compared to the gas volume. If, furthermore, the gas is ideal, then $\Delta_v Z$ is 1.0 and Eq. (1.2) becomes,

$$d(ln\ P)/dT = (\Delta_v H)R^{-1}T^{-2} \tag{1.3}$$

known as the Clausius-Clapyron equation. The total derivative of $\Delta_v H$ along the boundary is a function of heat capacities and volumes,

$$d(\Delta_v H)/dT = \Delta_v C_p + \Delta_v V - T(\partial \Delta_v V/\partial T)_p \tag{1.4}$$

If the functional forms of the heat capacities and volumes of the phases are known, they can be substituted into Eqs. (1.2) and (1.4) and upon integration provide an accurate, functional representation of the vapor pressure:

$$\ln P = \ln P_0 + \int_T^{T_0} \left[(\Delta_V H)(\Delta_V Z)^{-1} R^{-1} \right] dT^{-1} \tag{1.5}$$

Here, P_0 is the pressure at some reference temperature, T_0. However, it is rare that the functions are known sufficiently well to derive an accurate vapor pressure equation in this way (see [82-mos/van, 96-ruzmaj] for a more complete thermodynamic analysis of vapor pressure).

More approximate vapor pressure equations result from making various assumptions and simplifications. For example, the terms $\Delta_v V - T(\partial \Delta_v V/\partial T)$ nearly cancel at temperatures well below the critical temperature. At these temperatures the liquid volume is much smaller than the gas volume and can be neglected. Neglecting these terms, assuming the gas phase is ideal, and assuming $\Delta_v C_p$ is constant, Eq. (1.5) becomes

$$ln\ P = ln\ P_0 - [\Delta_v C_p(1 + ln\ T_0) + ((\Delta_v H_0)T_0^{-1} - (\Delta_v H_0) + T_0)(\Delta_v C_p)(T)^{-1}) + (\Delta_v C_p)\ ln\ T]R^{-1} \tag{1.6}$$

If $\Delta_v C_p$ is zero, Eq. (1.6) becomes,

$$ln\ P = a + bT^{-1} \tag{1.7}$$

where a and b are constants. Equation (1.7) is used often to represent approximate vapor pressure data, especially for low pressures where experimental data are seldom accurate.

1.3.2 Empirical Vapor Pressure Equations

During the past century many empirical mathematical functions have been used to relate vapor pressure to temperature; most are modifications of Eq. (1.7). These functions have several parameters that are characteristic of the compound. Curve fits off experimental data, usually by minimizing the sum of the squares of the deviations between the calculated and observed pressures or temperatures (least squares criterion), provide these parameters. The first and most widely used of these equations is the Antoine equation [1888-ant, 46-tho]. The original form is,

$$log\ P = A - B\,(C + T)^{-1} \tag{1.8}$$

Sometimes the natural logarithm is used instead of the base-10 logarithm or Celsius temperature is used instead of Kelvin. When C = 0 (for T in kelvins) Eq. (1.8) is identical to Eq. (1.7). The *Thermodynamics Research Center Thermodynamic Tables - Hydrocarbons* [xx-trchc] *and Nonhydrocarbons* [xx-trcnh] - use an extended version of the Antoine equation:

$$log\ P = A - B\,(C + T)^{-1} + 0.43429\chi^{n} + E\chi^{8} + F\chi^{12} \tag{1.9}$$

where n, E, and F are additional adjustable parameters. T_c is the critical temperature, T_0 the lower boundary temperature and $\chi = (T - T_0)/T_c$

Examples of functions obtained by adding terms to Eq. (1.7) are the polynomial in temperature used in the *International Critical Tables* [26-ano],

$$ln\ P = A + BT^{-1} + CT + DT^{2}, \tag{1.10}$$

the Chebyshev polynomial [70-ambcou]

$$T \ln P = a_0 / 2 + \sum_{s=1}^{i} a_s\, E_s\,(\chi) \tag{1.11}$$

$$\chi = [2T - (T_{max} - T_{min})] / (T_{max} - T_{min}) \tag{1.12}$$

in which $E_s\,(\chi)$ is a Chebyshev polynomial in χ of degree s (the advantage of this is that the E_s functions are orthogonal), the Kirchoff-Rankine equation [48-tho],

$$ln\ P = A + BT^{-1} + C\ ln\ T, \tag{1.13}$$

(same form as Eq. (1.6)); the Planck-Riedel equation [48-plarie]

$$ln\ P = A + BT^{-1} + C\ ln\ T + DP^{6}, \tag{1.14}$$

and the Frost-Kalkwarf equation [53-frokal]

$$ln\ P = A + BT^{-1} + C\ ln\ T + DPT^{-2} \tag{1.15}$$

Another popular type of function is the Cox equation [36-cox]:

$$ln\,(PP_0^{-1}) = A\,(1 - T_b T) \tag{1.16}$$

where A is a function of temperature often taken to be

$$ln\ A = a + bT + cT^{2} \tag{1.17}$$

Wagner and others [73-wag, 73-wag-1, 77-wag, and 86-amb-1] have proposed a series of related equations. The simplest is

$$ln\,(PP_c^{-1}) = (A\tau + B\tau^{1.5} + C\tau^{3} + D\tau^{6}) / T_r \tag{1.18}$$

where $\tau = 1 - T/T_c$, P_c is the critical pressure and T_c is the critical temperature. One of the variations [76-wagewe] is:

$$ln\,(PP_c^{-1}) = (A\tau + B\tau^{1.5} + C\tau^{3} + D\tau^{6} + E\tau^{9}) / T_r \tag{1.19}$$

Iglesias-Silva *et al.* [87-iglhol] have proposed an accurate, three parameter equation that can fit data from the triple point to the critical point:

(1.20)

$$p = \left\{ \begin{array}{l} \left[a_0 + a_1 (a_3 t + 1)^{b_0 / R} \exp((-a_2 + b_0 / R)/(a_3 t + 1)) \right]^N \\ + \left[2 - a_4 (1-t) + a_5 (1-t)^{2-\Theta} + a_6 (1-t)^3 + a_7 (1-t)^4 \right]^N \end{array} \right\}^{1/N}$$

in which

$p = 1 + (P - P_t)/ (P_c - P_t)$

$t = (T - T_t)/ (T_c - T_t)$

$a_0 = 1 - P_t/ (P_c - P_t)$

$a_1 = -(a_0 - 1) \exp(a_2 - b_0/R)$

$a_2 = b_1/RT_t$

$a_3 = (T_c - T_t)/ T_t$

$\theta = 0.2$

$N = 87T_t / T_c$

a_5, a_6, and a_7 are polynomial functions of a_4

An important characteristic of a function is its number of adjustable parameters. When fitting a function to a set of observed data, the number of data values minus the number of fitting parameters is *the degrees of freedom* (*f*). One measure of how well a function fits data is the *standard deviation*,

$$S = (\Sigma (P_{obs} - P_{calc})^2)^{0.5} f^{-1} \quad (1.21)$$

Functions with more parameters are more flexible than those with fewer and can fit experimental data better over a wider temperature range. If the degree of freedom is zero, any function can fit the data exactly, however, this is undesirable. Experimentally based data contain experimental errors. A major objective in fitting data to a function is to obtain a smooth representation of the data that reduces the effect of random errors and provides a means to interpolate and extrapolate the function. Parameters calculated with too few degrees of freedom not only fail to reduce random errors, but they may give unreliable interpolations. It is not wise to make calculations for which the degrees of freedom are less than half the number of data. For vapor pressure, more degrees of freedom are better. Even when the degrees of freedom are acceptable, fitting functions with a large number of parameters to data with large errors may give less reliable results than using a function with fewer parameters.

Vapor pressure equations have been tested and compared [64-mil, 78-amb, 79-scoosb, 80-ambdav, 83-mcg, 85-amb, 90-yalmis, 96-ruzmaj]. Comparing functions with the same number of adjustable parameters does not always give a clear indication of which is best. Some functions work better for certain ranges of temperature or pressure, or for certain compounds or classes of compounds. None of the equations listed above is clearly preferable in all situations. Variations of the Wagner equation are effective near the critical temperature, but they have no advantage at lower temperatures.

All of the above equations relate the logarithm of pressure to a function of temperature. Thus, the adjustable parameters are non-linear functions of pressure. Using the least squares criterion with pressure as a direct function of temperature requires a non-linear fit. It is more common, however, to take ln(*P*) as a function of temperature and to select a form from among the Eqs. (1.7,1.9,1.10,1.11,1.12,1.17,1.18).

Non-linear least squares calculations are more complex than linear calculations. They start with an initial estimate and find the minimum variance by using a sequence of iterations. It is possible, and common, to converge upon local minima rather than the global minimum. Numerical least squares techniques are described in [88-prefla].
The Antoine Eq. (1.8) may be rearranged as:

$$T \log P = AC - B + AT - C \log P \tag{1.22}$$

Thus, if $T \log(P)$ is a function of $\log(P)$ and T, it is linear in the parameters $(AC–B)$, A, and $–C$ and easily yield A, B and C. This is the usual procedure for calculating Antoine parameters.
If the truncated virial equation of state ($V = RT/P + B'$) provides the gas volume, the enthalpy of vaporization can be calculated from the B and C parameters of Eq. (1.8):

$$\Delta_v H = 2.30258\, R(T(T + C)^{-1})^2 (1 + B'P\, T^{-1}) \tag{1.23}$$

1.4 Description of the Tables

The Antoine Eq. (1.8) has been used to represent vapor pressures of pure compounds more than any of the others because it has several important advantages:

- It is a simple equation, with 3 adjustable parameters that easily can calculate vapor pressure
- It can be solved for temperature, as well as pressure, in closed form

$$T = B(A - \log P)^{-1} - C \tag{1.22}$$

- Linear least squares may be used to obtain the parameters using Eq. (1.20)
- It fits most experimental vapor pressures in the range of 1.5 to 150 kPa
- Useful correlations exist among the Antoine parameters (or at least relationships among them) and molecular structure.

Data of sufficient accuracy to show significant deviation from the Antoine equation in the 1.5 - 150 kPa exist for only a few compounds. To fit accurate data over a wider range requires a more complex equation. However, as indicated above using an equation with too many parameters may give undesirable results.

The Antoine equation, using parameters fit to reliable data in the range 1.5 - 150 kPa, under predicts higher vapor. This difference increases regularly and smoothly up to the critical temperature. To represent pressures in this range, the Thermodynamics Research Center at Texas A&M University (TRC) uses the extended Antoine Eq. (1.9). The additional term $0.43429\chi^n$, where n is a fit parameter, approximate real data very closely. Because $\chi < 1$, and E and F have opposite signs the pair of terms $E\chi^8 + F\chi^{12}$ contribute appreciably only near the critical temperature. Unless accurate vapor pressures are available in this region, E and F can be set to zero.

Generally the A, B, and C constants are the same in Equs. (1.8) and (1.9) for the same compound. The major exceptions are the alcohols with low carbon numbers. Because the exponent n is greater than or equal to 2.0, Eqs. (1.8) and (1.9) give equal P and dP/dT at the boundary temperature, T_0, thus, effecting a smooth transition. The usual procedure is to fit the simple Antoine equation to data in the 1.5 - 150 kPa region, which contains most of the accurate data. Then, while keeping the same A, B, and C, the parameters n, E, and F are fit to the data for temperatures above T_0. Good results are obtained for T_0 corresponding to vapor pressures in the range of 120 to 150 kPa.

To retain the Antoine equation for data below 1.5 kPa, a separate set of constants can be fit to the low range. The *TRC Thermodynamic Tables* [xx-trchc, xx-trcnh] use a least squares procedure that forces continuity in P and dP/dT for the same phase at the boundary.

The vapor pressure of the two condensed phases existing at a triple point is the same. However, the slopes of the vapor pressure curves below and above this temperature are different. Calculation of the parameters A, B, and C that characterize a particular compound requires accurate vapor pressure data over a sufficient range of temperature (about 20 deg or more). The constant C is especially sensitive to errors in the data. When suitable data are used, C is always negative. Within a group of related compounds C, decreases in a smooth manner as the normal boiling point increases. Examples of groups are isomers or members of a homologous series. By plotting C vs. T_b for members of a group that have reliable data, it is possible to estimate a C value for members that do not have reliable data. A positive C obtained from a least squares fit is an indication that the data contain large errors or cover a narrow temperature range or both. The corresponding Antoine equation may give a rough reflection of the data, but it should not be used for extrapolation.

Parameters of the Antoine Eq. (1.8) and the extended Antoine Eq. (1.9) based upon experimental data appear as tables in sections 2 to 4 of this volume.

In the Tables the following information is given:

One line presents the substance identification (bold faced):

- 1. An identification number for the compound.
- 2. The empirical (Hill system) gross formula of the compound (the compounds are listed in formula order sorted by the number of carbon atoms (C), hydrogen atoms (H), and other elements in alphabetical order).
- 3. The compound name and zero or more synonyms.
- 4. The Registry Number assigned by Chemical Abstracts Services, when available. When a CASRN is not available, numbers starting at 50000-00-0 identify compounds in the SOURCE Database maintained by the Thermodynamics Research Center.

The lines following the substance identification provide the data

- 1. Column: Identification of the phase transition (cr - crystal, l - liquid, g - gas).
- 2. Column: *A*, (*n*) - The value of *A* parameter in Eq. (1.8) with *P* expressed in units of kPa. The value in parentheses, if present, is the value of *n* in Eq. (1.9).
- 3. Column: *B*/K (*E*) - The value of *B* in Eq. (1.8). The value in parentheses, if present, contains the value of *E* in Eq. (1.9).
- 4. Column: *C*/K (*F*) - The value of *C* in Eq. (1.8) with *T* in kelvins. The value in parentheses, if present, contains the value of *F* in Eq. (1.9).
- 5. Column: *T*-range [K] - The approximate minimum and maximum temperatures covered by the data.
- 6. Column: Range [K], Rating - The range of temperatures recommended for reliable use of the equation. If this line contains constants for the extended Antoine Eq. (1.9), the lower limit of the range is T_0 and the upper limit is T_c. The lower limit for a liquid phase is never less than the triple point. The upper limit for crystal phases is never greater than the triple point. The "rating" consists of letters A through D. The ratings indicate a rough order of reliability for the data used to develop the parameters: A - 0.1%; B - 1%; C - 5%; D - 10%.
- 7. Column: T_b [K]/P_b [kPa] - The boiling point at the indicated pressure as calculated from the Antoine equation with the listed parameters.
- 8. Column: Ref. - An identification of the source of the Antoine constants listed for the designated compound and phases. Complete references appear in the section ‘References’.
- 8. Column: Note - The numbers refer to the text included in the section ‘**Notes**’.

The data represented in the Tables has been obtained from several sources:

- *TRC Thermodynamic Tables - Hydrocarbons*. Identified by [xx-trchc] in the Ref. column. ‘xx’ is the last two years of the date of issue of the data sheet.
- *TRC Thermodynamic Tables - Nonhydrocarbons*. Identified by [xx-trcnh] in the Ref. column. ‘xx’ is the last two years of the date of issue of the data sheet. The original sources of data used for these Tables appear in the Specific Reference sheets of the *TRC Thermodynamic Tables.*
- Compilations prepared by the Slovakian Academy of Sciences [79-dykrep, 84-dykrep].
- Other sources - References to original sources of data are given. These refer to sources not used in the [xx-trchc, xx-recnh, 79-dykrep, 84-dykrep].

The number of significant digits given for the parameters values is also a rough indication of the data quality for values from [xx-trchc, xx-trcnh] but not for data from other sources.

1.5 References for 1

xx-trchc TRC Thermodynamic Tables - Hydrocarbons, Thermodynamics Research Center, Texas A&M University System, College Station, TX, (19xx).

xx-trcnh TRC Thermodynamic Tables - Non-Hydrocarbons, Thermodynamics Research Center, Texas A&M University System, College Station, TX, (19xx)

1888-ant Antoine, C.: C. R. Acad Sci. (Paris) **107** (1888) 681.

10-smimez Smith, A., Menzies, A.W.C.: Ann. Phys. **33** (1910) 971.

10-smimez Smith, A., Menzies, A.W.C.: J. Am. Chem. Soc. **32** (1910) 1412.

10-smimez Smith, A., Menzies, A.W.C.: J. Am. Chem. Soc. **32** (1910) 1448.

26-ano International Critical Tables of Numerical Data: Physics. Chemistry. Technology. Vol. 1 (and following volumes). Washburn, E.W.(ed.), New York: McGraw-Hill, 1926.

46-tho Thompson, G.W.: Chem. Rev. **38** (1946) 1.

48-plarie Plank, R., Riedel, L.: Ing. Arch. **16** (1948) 255.

51-par Partington, J.R.: An Advanced Treatise on Physical Chemistry, Vol. 2, Properties of Liquids, London: Longmans, Gree and Co., 1951.

53-fro/kal Frost, A.A., Kalkwarf, D.R.: J. Chem. Phys. **21** (1953) 264.

64-mil Miller, D.G.: Ind. Eng. Chem. **56** (1964) 46.

70-amb/cou Ambrose, D., Counsel, J.F., Davenport, A.J.: J. Chem. Thermodyn. **2** (1970) 283.

73 wag Wagner, W.: Cryogenics **13** (1973) 470.

73-wag-1 Wagner, W.: Bull. Inst. Int. Froid Annexe. **4** (1973) 65.

76-wagewe Wagner, W., Ewers, J., Pentermann, W.: J. Chem. Thermodyn. **8** (1976) 1049.

77-wag Wagner, W.: A New Correlation Method for Thermodynamic Data Applied to the Vapor Pressure Curve of Argon, Nitrogen, and Water, IUPAC Thermodynamic Tables Project Centre, London: Impirial College, 1977.

78-amb Ambrose, D.: J. Chem. Thermodyn. **10** (1978) 765.

79-dykrep Dykyi, J., Repas, M.: Saturated Vapor Pressure of Organic Compounds, Bratislava, Czech.: Slovakian Academy of Science, 1979.

79-scoosb Scott, D.W., Osborn, A.G.: J. Phys. Chem. **83** (1979) 2714.

80-ambdav Ambrose, D., Davies, R.H.: J. Chem. Thermodyn. **12** (1980) 871.

82-guahon Guang, L., Hongtu, T.: Temperature. Its Measurement and Control in Science and Industry, Vol. 5, 1982 (see also earlier volumes).

82-mosvan Mosselman, C., van Vugt, W.H., Vos, H.: J. Chem. Eng. Data **27** (1982) 248.

83-mcg McGary, J.: Ind. Eng. Chem. Process Des. Dev. **22** (1983) 313.

84-dykrep Dykyi, J., Repas, M., Svoboda, J.: Saturated Vapor Pressure of Organic Compounds, Bratislava, Czech.: Slovakian Academy of Science, 1984.

86-amb Ambrose, D.: The Evaluation of Vapour-Pressure Data, London: Dept. of Chemistry, University College, 1986.

86-amb-1 Ambrose, D.: J. Chem. Thermodyn. **18** (1986) 45.

88-prefla Press, W.H., Flannery, B.P., Teukolsky, S.A., Vetterling, W.T.: Numerical Recipes in C, Cambridge, UK: Cambridge University Press, 1988.

90-its International Temperature Scale: Metrologia **27** (1990) 3; 107.

90-yalmis Yalkowsky, S.H., Mishra, D.S., Morris, K.H.: Chemosphere **21** (1990) 107.

93-fre Frenkel, M.(ed.): Thermochemistry and Equilibria of Organic Compounds, New York: VCH Publishers, 1993.

95-ambtso Ambrose, D., Tsonopoulos, C.: J. Chem. Eng. Data **40** (1995) 531.
95-ambyou Ambrose, D., Young, C.: J. Chem. Eng. Data **40** (1995) 345.
95-gudtej Gude, M., Teja, A.S.: J. Chem. Eng. Data **40** (1995) 1025.
95-tsoamb Tsonopoulous, C., Ambrose, D.: J. Chem. Eng. Data **40** (1995) 547.
96-dau Daubert, T.E.: J. Chem. Eng. Data **41** (1996) 365.
96-ruzmaj Ruzicka, K., Majer, V.: AIChE J. **42** (1996) 1723.

2 Tabulated Data on Vapor Pressure of Hydrocarbons

2.1 Hydrocarbons, C_1 to C_7

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1	**CH_4**		**Methane**				**74-82-8**
cr-g	6.31972	451.64	–4.66	58/89	48/90.69 B	111.63/101.325	74-trchc
l-g	5.7687	395.744	–6.469	92/118	90.69/115 A		74-trchc
l-g	5.7687	395.744	–6.469	118/190	115/190.55 A		74-trchc
	(2.51347)	(–6.0941)	(369.43)				
2	**C_2H_2**		**Ethyne**				**74-86-2**
cr-g	8.08413	1148.97	–0.31	148/190	138/192.35 B	189.15/101.325	88-trchc
l-g	5.67374	528.67	–44.36	191/201	192.35/211 B		88-trchc
3	**C_2H_4**		**Ethene**				**74-85-1**
l-g	5.82898	581.901	–17.787	103/122	93/122 B	169.41/101.325	86-trchc
l-g	5.91382	596.526	–16.78	122/188	122/174 A		86-trchc
l-g	5.91382	596.53	–16.78	188/282	174/282.3 A		86-trchc
	(2.79132)	(9.717)	(52.77)				
4	**C_2H_6**		**Ethane**				**74-84-0**
cr-g	8.6388	1009.6	–3.15	81/89	71/90.35 B	184.55/101.325	74-trchc
l-g	6.0567	687.3	–14.46	90/133	90.35/133 A		74-trchc
l-g	5.95405	663.72	–16.469	133/198	133/190 A		74-trchc
l-g	5.95405	663.72	–16.469	198/305	190/305.4 A		74-trchc
	(2.79768)	(–55.054)	(2992.1)				
5	**C_3H_4**		**Propadiene**				**463-49-0**
cr-g	8.7534	1434.94	0	115/134	106/136.85 C	238.65/101.325	95-trcnh
l-g	6.3495	971.15	–16.5	145/257	136.85/174 C		95-trcnh
l-g	5.6752	734.57	–38.41	178/257	174/253 B		95-trcnh
l-g	5.6752	734.57	–38.41	260/393	253/393 B		95-trcnh
	(1.136)	(–265)	(16325)				
6	**C_3H_4**		**Propyne**				**74-99-7**
l-g	6.24555	935.09	–29.57	187/266	175/276 B	249.93/101.325	88-trchc
7	**C_3H_6**		**Cyclopropane**				**75-19-4**
l-g	6.03084	866.15	–25.15	258/398	247/398.2 B	240.35/101.325	75-trchc
	(2.6672)	(–2.1533)	(567.17)				

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
8	**C_3H_6**		**Propene**				**115-07-1**
l-g	6.48447	934.227	–14	100/163	89/163 B	225.46/101.325	86-trchc
l-g	5.95606	789.624	–25.57	163/238	163/240 A		86-trchc
l-g	5.95606	789.62	–25.57	238/363	240/365 B		86-trchc
	(2.67417)	(22.1292)	(–199.34)				
9	**C_3H_8**		**Propane**				**74-98-6**
l-g	6.6956	1030.7	–7.79	101/165	85.5/167 B	231.07/101.325	74-trchc
l-g	5.92828	803.997	–26.11	270/248	167/237 A		74-trchc
l-g	5.92828	803.997	–26.108	248/369	237/369.8 A		74-trchc
	(2.55753)	(50.655)	(–1408.9)				
10	**C_4H_2**		**Butadiyne, Diacetylene**				**460-12-8**
cr-g	10.22178	2707.520	59.540	188/240	188/240 D	234.06/10	26-strkol, 33-tan Note 1
l-g	5.33975	707.254	–71.198	237/283	235/285 C	265.46/50	26-strkol, 33-tan
11	**C_4H_4**		**1-Buten-3-yne, Vinylacetylene**				**689-97-4**
l-g	6.61572	1205.758	–16.879	193/243	193/239 B	231.59/10	54-geocav, 71-gol, 31-niecal
l-g	5.32200	663.382	–78.500	233/299	237/300 C	278.54/101.325	54-geocav, 71-gol, 31-niecal, 75-vid-1
12	**C_4H_6**		**1,2-Butadiene**				**590-19-2**
l-g	6.9608	1282.57	–8.6	140/200	137/205 C	284/101.325	95-trchc
l-g	6.315	1131.55	–21.2	209/290	205/306 B		95-trchc
13	**C_4H_6**		**1,3-Butadiene**				**106-99-0**
l-g	5.9664	927.21	–34.52	206/212	188/275 B	268.74/101.325	95-trchc
l-g	5.9664	927.21	–34.52	280/425	275/425 B		95-trchc
	(2.5164)	(23.65)	(1970.8)				
14	**C_4H_6**		**1-Butyne**				**107-00-6**
l-g	6.16676	1014.45	–37.41	210/300	200/310 B	281.24/101.325	88-trchc
15	**C_4H_6**		**2-Butyne**				**503-17-3**
cr-g	6.16281	896.91	–74.09	227/240	217/240.9 B	300.14/101.325	88-trchc
l-g	6.18046	1093.44	–38.19	245/320	240.9/330 B		88-trchc
16	**C_4H_6**		**Cyclobutene**				**822-35-5**
l-g	6.51606	1207.012	–7.966	197/276	200/276 B	275.58/101.325	41-hei
17	**C_4H_8**		**1-Butene**				**106-98-9**
l-g	6.7447	1175.63	–13.52	120/194	110/194 B	266.92/101.325	86-trchc
l-g	5.9178	908.8	–34.615	194/288	194/278 A		86-trchc
l-g	5.9178	908.8	–34.61	288/425	278/419.9 B		86-trchc
	(2.1058)	(–66.743)	(5100.7)				

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
18	**C_4H_8**		***(E)*-2-Butene**				**624-64-6**
l-g	6.27279	1062.92	–23.86	168/201	167.6/201 B	274.03/101.325	86-trchc
l-g	6.00827	967.5	–32.31	201/288	201/282 A		86-trchc
l-g	6.00827	967.5	–32.31	288/428	282/428.6 B		86-trchc
	(2.7167)	(49.7721)	(–1061.2)				
19	**C_4H_8**		***(Z)*-2-Butene**				**590-18-1**
l-g	6.38127	1086.09	–26.17	136/203	134.3/203 B	276.87/101.325	86-trchc
l-g	6.00958	967.32	–35.277	205/298	203/292 A		86-trchc
l-g	6.00958	967.32	–35.28	298/438	292/435.5 B		86-trchc
	(2.603)	(47.1477)	(–1082.1)				
20	**C_4H_8**		**Cyclobutane**				**287-23-0**
l-g	6.04436	1025.5	–31.72	210/308	200/295 B	285.66/101.325	75-trchc
l-g	6.04436	1025.5	–31.72	308/460	295/460 B		75-trchc
	(2.174)	(0)	(0)				
21	**C_4H_8**		**Methylcyclopropane**				**594-11-6**
l-g	5.96539	952.41	-37.16	177/278	167/288 C	273.88/101.325	79-dykrep
22	**C_4H_8**		**2-Methylpropene**				**115-11-7**
l-g	6.41259	1078.57	–19.41	133/194	123/194 B	266.24/101.325	86-trchc
l-g	5.80956	866.25	–38.51	194/288	194/280 A		86-trchc
l-g	5.80956	866.25	-38.51	288/425	280/417.9 B		86-trchc
	(1.599)	(–150.95)	(9633)				
23	**C_4H_{10}**		**Butane**				**106-97-8**
l-g	6.0127	961.7	–32.14	138/196	134.8/196 B	272.64/101.325	74-trchc
l-g	5.93266	935.773	–34.361	196/298	196/288 A		74-trchc
l-g	5.93266	935.773	–34.361	298/425	288/425.1 B		74-trchc
	(2.14767)	(–175.62)	(12204)				
24	**C_4H_{10}**		**2-Methylpropane**				**75-28-5**
l-g	5.32368	739.94	–43.15	120/188	110/188 B	261.36/101.325	74-trchc
l-g	6.00272	947.54	–24.28	188/278	188/268 A		74-trchc
l-g	6.00272	947.54	–24.28	278/408	268/407.1 A		74-trchc
	(2.6705)	(–19.64)	(2792)				
25	**C_5H_6**		**Cyclopentadiene**				**542-92-7**
l-g	3.55810	183.257	–195.613	276/314	275/315 C	313.66/101.325	65-hulrei, 67-lesogo
26	**C_5H_6**		**Ethynylcyclopropane**				**6746-94-7**
l-g	7.0100	1627	0.000	291/320	291/320 B	325.12/101.325	77-lebgut Note 2
27	**C_5H_8**		**Bicyclo[2.1.0]pentane**				**185-94-4**
l-g	5.97871	1090.641	–44.597	296/315	295/318 A	312.20/80	74-vardru-3
28	**C_5H_8**		**Cyclopentene**				**142-29-0**
l-g	6.04518	1121.202	–39.810	195/319	195/280 C, 280/320 A	317.37/101.325	50-forcam, 35-hei, 41-lis
29	**C_5H_8**		**3-Methyl-1-butyne**				**598-23-2**
l-g	5.981	1025.6	–44.15	225/323	215/333 B	299.5/101.325	88-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
30	**C_5H_8**		**2-Methyl-1, 3-butadiene**				**78-79-5**
l-g	6.2276	1160.8	–31.4	160/250	140/225 B	307.22/101.325	95-trchc
l-g	6.0266	1079.91	–38.63	253/318	225/338 B		95-trchc
31	**C_5H_8**		**3-Methyl-1, 2-butadiene**				**598-25-4**
l-g	6.6507	1342.03	–22.2	180/251	160/225 B	314/101.325	95-trchc
l-g	6.1009	1120.26	–40.42	250/328	235/350 A		95-trchc
32	**C_5H_8**		**1-Methylcyclobutene**				**1489-60-7**
l-g	6.3291	1362.2	0	290/316	286/322 C		79-dykrep
33	**C_5H_8**		**Methylenecyclobutane**				**1120-56-5**
l-g	6.03165	1100.497	–41.999	274/348	270/350 A	315.35/101.325	75-lebleb, 80-osbsco
34	**C_5H_8**		**1,2-Pentadiene**				**591-95-7**
l-g	6.0536	1122.72	–41.5	160/230	145/235 B	318.01/101.325	95-trchc
l-g	6.04914	1107.9	–43.99	249/335	235/350 A		95-trchc
35	**C_5H_8**		***(E)*-1,3-Pentadiene**				**2004-70-8**
l-g	6.3972	1251.59	–28.4	200/255	185/235 B	315.18/101.325	95-trchc
l-g	6.0544	1112.26	–40.44	250/330	235/350 B		95-trchc
36	**C_5H_8**		***(Z)*-1,3-Pentadiene**				**1574-41-0**
l-g	6.1976	1176.14	–36.4	236/252	224/235 A	317.22/101.325	95-trchc
l-g	6.0595	1114.03	–42.39	252/325	235/350 A		95-trchc
37	**C_5H_8**		**1,4-Pentadiene**				**591-93-5**
l-g	5.9643	1030.27	–39.5	150/237	140/220 B	299.12/101.325	95-trchc
l-g	5.9904	1032.25	–40.05	235/310	220/330 A		95-trchc
38	**C_5H_8**		**2,3-Pentadiene**				**591-96-8**
l-g	6.454	1281.57	–31.7	160/257	150/257 B	321.41/101.325	95-trchc
l-g	6.1084	1137.67	–44.09	257/335	257/356 A		95-trchc
39	**C_5H_8**		**1-Pentyne**				**627-19-0**
l-g	6.0026	1068.1	–46.15	233/334	223/344 B	313.33/101.325	88-trchc
40	**C_5H_8**		**2-Pentyne**				**627-21-4**
l-g	5.9742	1111.6	–49.15	245/352	235/362 B	329.22/101.325	88-trchc
41	**C_5H_8**		**Spiro[2.2]pentane**				**157-40-4**
l-g	6.03785	1087.511	–42.395	276/344	275/350 A	312.11/101.325	50-scofin-1
42	**C_5H_8**		**Vinylcyclopropane**				**693-86-7**
l-g	6.8141	1509	0.000	290/310	290/310 B	313.83/101.325	77-lebgut
43	**C_5H_{10}**		**Cyclopentane**				**287-92-3**
l-g	9.7573	3319.68	112.45	124/236	114/236 B	322.41/101.325	91-trchc
l-g	6.06783	1152.57	–38.64	236/348	236/335 A		91-trchc
l-g	6.06783 (3.36721)	1152.57 (284.39)	–38.64 (–1665)	348/512	335/511.8 B		91-trchc
44	**C_5H_{10}**		**1,1-Dimethylcyclopropane**				**1630-94-0**
l-g	5.87625	1001.62	–35	293.78/293.78	273/303 C	293.78/101.325	87-trcsp
45	**C_5H_{10}**		***cis*-1,2-Dimethylcyclopropane**				**930-18-7**
l-g	5.87145	1063.77	–35	310.18/310.18	290/320 C	310.18/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
46	**C_5H_{10}**		***trans*-1,2-Dimethylcyclopropane**				**2402-06-4**
l-g	5.85706	1025.84	–35	301.36/301.36	281/311 C	301.36/101.325	87-trcsp
47	**C_5H_{10}**		**Ethylcyclopropane**				**1191-96-4**
l-g	5.94387	1079.37	–35	309.08/309.08	289/319 C	309.08/101.325	87-trcsp
48	**C_5H_{10}**		**2-Methyl-1-butene**				**563-46-2**
l-g	6.53281	1254.5	–23.89	140/223	135.6/223 B	304.3/101.325	86-trchc
l-g	5.97127	1039.69	–42.12	223/318	223/315 B		86-trchc
l-g	5.97127	1039.69	–42.12	318/471	315/470.1 B		86-trchc
	(2.53166)	(63.6071)	(–1283.3)				
49	**C_5H_{10}**		**2-Methyl-2-butene**				**513-35-9**
l-g	6.57599	1297.31	–24.22	143/229	139.4/229 C	311.7/101.325	86-trchc
l-g	6.09149	1124.33	–36.52	229/328	229/325 B		86-trchc
l-g	6.09149	1124.23	–36.52	328/481	325/481.1 B		86-trchc
	(3.2398)	(136.358)	(–5322.9)				
50	**C_5H_{10}**		**3-Methyl-1-butene**				**563-45-1**
l-g	6.6662	1253.84	–18.39	133/213	120/213 B	293.21/101.325	86-trchc
l-g	5.94945	1012.37	–36.503	213/308	213/304 A		86-trchc
l-g	5.94945	1012.37	–36.5	308/455	304/453.1 B		86-trchc
	(2.7222)	(95.8745)	(–3435.8)				
51	**C_5H_{10}**		**Methylcyclobutane**				**598-61-8**
l-g	5.88487	1060.75	–36	309.45/309.45	289/319 C	309.45/101.325	87-trcsp
52	**C_5H_{10}**		**1-Pentene**				**109-67-1**
l-g	6.76566	1323.6	–18.74	138/222	128/222 B	303.11/101.325	86-trchc
l-g	5.96914	1044.01	–39.7	222/318	222/312 B		86-trchc
l-g	5.96914	1044.01	–39.7	318/465	312/464.7 B		86-trchc
	(2.5751)	(122.883)	(–4873.4)				
53	**C_5H_{10}**		***(E)*-2-Pentene**				**646-04-8**
l-g	6.59318	1290.5	–24.1	142/228	132.9/228 B	309.49/101.325	86-trchc
l-g	6.02473	1080.76	–40.583	228/328	228/321 A		86-trchc
l-g	6.02473	1080.76	–40.58	328/475	321/474.1 B		86-trchc
	(2.64887)	(90.3273)	(–3327.6)				
54	**C_5H_{10}**		***(Z)*-2-Pentene**				**627-20-3**
l-g	6.68458	1318.85	–23.16	143/228	133/228 B	310.07/101.325	86-trchc
l-g	5.96798	1052.44	–44.457	228/328	228/322 A		86-trchc
l-g	5.96798	1052.44	–44.46	328/481	322/475.1 B		86-trchc
	(2.443)	(66.8925)	(–1317.8)				
55	**C_5H_{12}**		**2,2-Dimethylpropane**				**463-82-1**
cr-g	6.3305	1020.7	–43.15	221/253	211/256.6 C	282.65/101.325	74-trchc
l-g	5.83916	938.234	–37.901	259/298	256.6/295 A		74-trchc
l-g	5.83916	938.234	–37.901	298/434	295/433.7 B		74-trchc
	(2.42328)	(34.505)	(580.56)				
56	**C_5H_{12}**		**2-Methylbutane**				**78-78-4**
l-g	5.93925	1031.949	–38.646	255/323	212/309 A	300.99/101.325	91-ewigoo/ trchc
l-g	5.92023	1022.88	–39.69	318/460	309/460.4 B		74-ewigoo/ trchc
	(2.14912)	(–227.07)	(19674)				

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
57	**C_5H_{12}**		**Pentane**				**109-66-0**
cr-g	10.7094	2005	-8.15	142/142	132/143.4 B	309.21/101.325	74-trchc
l-g	6.6895	1339.4	–19.03	143/219	143.4/219 B		74-trchc
l-g	5.97786	1064.84	–41.138	219/328	219/318 A		74-trchc
l-g	5.97786 (2.45751)	1064.84 (78.607)	–41.138 (–1782.3)	328/470	318/469.7 A		74-trchc
58	**C_6H_2**		**1,3,5-Hexatriyne**				**3161-99-7**
l-g	6.65097	1641.600	0.000	253/263	253/263 D	258.52/2	50-hun Note 9
59	**C_6H_6**		**Benzene**				**71-43-2**
cr-g	8.72391	2107.85	–16.45	210/276	218/278.68 B	353.24/101.325	96-trchc
l-g	5.98523	1184.236	–55.623	280/374	278.68/376 A		95-trchc
l-g	5.98523 (2.3835)	1184.24 (12.283)	–55.623 (664.01)	378/562	376/562.12 A		95-trchc
60	**C_6H_6**		**1,3-Hexadien-5-yne**				**10420-90-3**
l-g	5.72775	1083.262	–67.033	233/283	220/290 C	256.16/1	54-geocav
61	**C_6H_6**		**1,5-Hexadien-3-yne**				**821-08-9**
l-g	3.06765	327.888	–148.526	223/283	220/290 C	255.41/1	54-geocav, 31-niecal
62	**C_6H_6**		**2,4-Hexadiyne**				**2809-69-0**
cr-g	9.47269	2709.223	–17.619	273/338	273/283 D, 283/338 C	337.38/10	86-meymey
l-g	6.24134	1457.409	–58.576	338/408	338/383 B, 383/410 A	402.66/101.325	86-meymey
63	**C_6H_8**		**1,3-Cyclohexadiene**				**592-57-4**
l-g	5.98705	1203.812	–51.104	307/363	305/370 A	353.47/101.325	74-letmar, 73-meyhot
64	**C_6H_8**		**1,4-Cyclohexadiene**				**628-41-1**
l-g	6.33811	1429.778	–32.568	304/323	300/330 B	316.42/20	74-letmar
65	**C_6H_8**		***cis*-1,3,5-Hexatriene**				**2612-46-6**
l-g	6.39492	1427.666	–29.569	306/323	300/335 A	309.84/20	74-letmar
66	**C_6H_8**		***cis, anti, cis*-Tricyclo[3.1.0.0(2,4)]hexane**				**21531-33-9**
l-g	6.00091	1222.733	–38.019	273/330	272/333 B	322.25/50	79-letorc
67	**C_6H_{10}**		***cis*-Bicyclo[3.1.0]hexane**				**285-58-5**
l-g	6.81076	1649.786	–9.091	298/320	295/320 B, 320/355 C	308.52/20	70-chamcn, 59-simsmi Note 4
68	**C_6H_{10}**		**Cyclohexene**				**110-83-8**
l-g	6.07024	1260.609	–45.847	228/325	226/329 B	310.17/20	50-forcam, 41-lis
l-g	6.00794	1227.982	–49.265	316/365	324/365 A	356.09/101.325	50-forcam, 73-meyhot
69	**C_6H_{10}**		**1,1-Dimethylbutadiene**				**926-56-7**
l-g	5.79239	1114.99	–55	349.45/349.45	329/359 C	349.45/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
70	**C_6H_{10}**		**2,3-Dimethyl-1,3-butadiene**				**513-81-5**
l-g	6.27858	1318.526	–33.077	273/342	270/345 B	341.66/101.325	55-cummcl
71	**C_6H_{10}**		**3,3-Dimethyl-1-butyne**				**917-92-0**
l-g	5.9407	1045.6	–45.15	230/332	222/340 C	310.87/101.325	88-trchc
72	**C_6H_{10}**		**1,3-Dimethylcyclobutene**				**7411-24-7**
l-g	6.9809	1633	0.000	268/295	265/329 C	273.04/10	65-fremar Note 2
73	**C_6H_{10}**		**2-Ethyl-1,3-butadiene**				**3404-63-5**
l-g	7.47668	1603.81	–55	348.15/348.15	328/358 C	348.15/101.325	87-trcsp
74	**C_6H_{10}**		**1,2-Hexadiene**				**592-44-9**
l-g	5.728	1094.91	–55	349.15/349.15	329/359 C	349.15/101.325	87-trcsp
75	**C_6H_{10}**		***trans*-1,3-Hexadiene**				**20237-34-7**
l-g	5.70471	1015.624	–70.813	299/320	295/320 B	301.44/20	74-letmar
76	**C_6H_{10}**		***(Z)*-1,3-Hexadiene**				**14596-92-0**
l-g	5.80201	1105.29	-55	346.15/346.15	326/356 C	346.15/101.325	87-trcsp
77	**C_6H_{10}**		***trans*-1,4-Hexadiene**				**7319-00-8**
l-g	6.07919	1207.525	–41.873	304/203	300/330 B	311.58/40	74-letmar
78	**C_6H_{10}**		***(Z)*-1,4-Hexadiene**				**7318-67-4**
l-g	5.78504	1070.11	–55	338.15/338.15	318/348 C	338.15/101.325	87-trcsp
79	**C_6H_{10}**		**1,5-Hexadiene**				**592-42-7**
l-g	5.98314	1159.908	–40.998	286/320	275/335 B	332.62/101.325	55-cummcl, 74-letmar, 54-pomfoo-1
80	**C_6H_{10}**		**2,3-Hexadiene**				**592-49-4**
l-g	5.70738	1059.23	–55	341.15/341.15	321/351 C	341.15/101.325	87-trcsp
81	**C_6H_{10}**		***trans*, *trans*-2,4-Hexadiene**				**5194-51-4**
l-g	5.96105	1190.545	–54.759	304/323	300/325 A	310.24/20	74-letmar
82	**C_6H_{10}**		***(E, Z)*-2,4-Hexadiene**				**5194-50-3**
l-g	5.81189	1134.81	–55	353.15/353.15	333/363 C	353.15/101.325	87-trcsp
83	**C_6H_{10}**		***(Z, Z)*-2,4-Hexadiene**				**6108-61-8**
l-g	5.81189	1134.81	–55	353.15/353.15	333/363 C	353.15/101.325	87-trcsp
84	**C_6H_{10}**		**1-Hexyne**				**693-02-7**
l-g	6.0401	1183.6	–51.15	257/368	249/376 C	344.48/101.325	88-trchc
85	**C_6H_{10}**		**2-Hexyne**				**764-35-2**
l-g	5.94854	1146.825	–66.716	300/358	285/300 C, 300/360 B	357.58/101.325	41-cameby-1, 86-eiselv, 81-elvots
86	**C_6H_{10}**		**3-Hexyne**				**928-49-4**
l-g	6.0144	1208.3	–53.15	264/378	254/388 B	354.58/101.325	88-trchc
87	**C_6H_{10}**		**Isopropylallene**				**13643-05-5**
l-g	5.68937	1061.44	–55	343.15/343.15	323/353 C	343.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
88	**C_6H_{10}**		**1-Methylcyclopentene**				**693-89-0**
l-g	5.79529	1083.128	–63.195	316/350	265/360 B	349.01/101.325	86-eiselv, 88-elvvin
89	**C_6H_{10}**		**3-Methylcyclopentene**				**39750-75-9**
l-g	5.85401	1097.372	–53.181	300/338	255/280 C, 280/348 B	338.34/101.325	86-eiselv, 88-elvvin
90	**C_6H_{10}**		***(E)*-2-Methyl-1,3-pentadiene**				**926-54-5**
l-g	5.79178	1113.67	–55	349.15/349.15	329/359 C	349.15/101.325	87-trcsp
91	**C_6H_{10}**		***(Z)*-2-Methyl-1,3-pentadiene**				**1501-60-6**
l-g	5.79178	1113.67	–55	349.15/349.15	329/359 C	349.15/101.325	87-trcsp
92	**C_6H_{10}**		**2-Methyl-1,4-pentadiene**				**763-30-4**
l-g	5.75305	1027.33	–55	329.15/329.15	309/339 C	329.15/101.325	87-trcsp
93	**C_6H_{10}**		**3-Methyl-1,2-pentadiene**				**7417-48-3**
l-g	5.6995	1064.36	–55	343/343	323/353 C	343.15/101.325	87-trcsp
94	**C_6H_{10}**		**3-Methyl-1,4-pentadiene**				**1115-08-8**
l-g	5.74071	1020.21	–55	328.15/328.15	308/338 C	328.15/101.325	87-trcsp
95	**C_6H_{10}**		***(E)*-3-Methyl-1,3-pentadiene**				**2787-43-1**
l-g	5.7938	1118.05	–55	350.15/350.15	330/360 C	350.15/101.325	87-trcsp
96	**C_6H_{10}**		***(Z)*-3-Methyl-1,3-pentadiene**				**2787-45-3**
l-g	5.7938	1118.05	–55	350.15/350.15	330/360 C	350.15/101.325	87-trcsp
97	**C_6H_{10}**		**3-Methyl-1-pentyne**				**922-59-8**
l-g	6.0128	1128.8	–49.15	247/353	239/361 C	330.85/101.325	88-trchc
98	**C_6H_{10}**		**4-Methyl-1-pentyne**				**7154-75-8**
l-g	6.006	1136.7	–50.15	249/357	241/367 C	334.32/101.325	88-trchc
99	**C_6H_{10}**		**4-Methyl-2-pentyne**				**21020-27-9**
l-g	5.9843	1170.2	–52.15	258/370	248/380 B	346.28/101.325	88-trchc
100	**C_6H_{10}**		**Trimethylallene**				**3043-33-2**
l-g	5.69927	1071.68	–55	345.15/345.15	325/355 C	345.15/101.325	87-trcsp
101	**C_6H_{12}**		**Cyclohexane**				**110-82-7**
cr-g	6.395	1317.8	–47.3	170/279	160/279.8 C	353.93/101.325	92-trchc
l-g	5.93002	1182.77	–52.532	282/378	279.8/378 A		92-trchc
l-g	5.93002 (3.40407)	1182.77 (10.048)	–52.532 (–126.96)	378/553	378/553.5 A		90-trchc
102	**C_6H_{12}**		**2,3-Dimethyl-1-butene**				**563-78-0**
l-g	5.98726	1134.68	–43.783	243/352	233/365 B	328.77/101.325	61-trchc
103	**C_6H_{12}**		**3,3-Dimethyl-1-butene**				**558-37-2**
l-g	5.80241	1010.52	–48.241	232/337	222/347 B	314.4/101.325	61-trchc
104	**C_6H_{12}**		**1,1-Dimethylcyclobutane**				**18931-71-0**
l-g	5.83861	1100.62	–42	329.15/329.15	309/339 C	329.15/101.325	87-trcsp
105	**C_6H_{12}**		***cis*-1,2-Dimethylcyclobutane**				**15679-01-3**
l-g	5.82624	1142.91	–42	341.15/341.15	321/351 C	341.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
106	**C_6H_{12}**		***trans*-1,2-Dimethylcyclobutane**				**15679-02-4**
l-g	5.81335	1108.59	–42	333.15/333.15	313/343 C	333.15/101.325	87-trcsp
107	**C_6H_{12}**		***cis*-1,3-Dimethylcyclobutane**				**2398-09-6**
l-g	5.81418	1110.74	–42	333.65/333.65	313/343 C	333.65/101.325	87-trcsp
108	**C_6H_{12}**		***trans*-1,3-Dimethylcyclobutane**				**2398-10-9**
l-g	5.8092	1097.87	–42	330.65/330.65	31/340 C	330.65/101.325	87-trcsp
109	**C_6H_{12}**		**2-Ethyl-1-butene**				**760-21-4**
l-g	6.12202	1218.35	–41.85	251/361	241/371 B	337.83/101.325	61-trchc
110	**C_6H_{12}**		**Ethylcyclobutane**				**4806-61-5**
l-g	5.90371	1176.22	–42	343.75/343.75	323/353 C	343.75/101.325	87-trcsp
111	**C_6H_{12}**		**1-Ethyl-1-methylcyclopropane**				**53778-43-1**
l-g	5.87114	1109.07	–43	329.92/329.92	309/339 C	329.92/101.325	87-trcsp
112	**C_6H_{12}**		***cis*-1-Ethyl-2-methylcyclopropane**				**19781-68-1**
l-g	5.8566	1144.33	–43	340.16/340.16	320/350 C	340.16/101.325	87-trcsp
113	**C_6H_{12}**		***trans*-1-Ethyl-2-methylcyclopropane**				**19781-69-2**
l-g	5.84258	1108.12	–43	331.81/331.81	311/341 C	331.81/101.325	87-trcsp
114	**C_6H_{12}**		**1-Hexene**				**592-41-6**
l-g	6.72775	1442.59	–25.04	156/247	145/247 B	336.63/101.325	86-trchc
l-g	5.9826	1148.62	–47.81	247/358	247/352 A		86-trchc
l-g	5.9826	1148.62	–47.81	358/506	352/504 B		86-trchc
	(2.4592)	(106.26)	(–3773.6)				
115	**C_6H_{12}**		***(E)*-2-Hexene**				**4050-45-7**
l-g	6.01832	1173.34	–48.62	254/364	244/374 B	341.03/101.325	61-trchc
116	**C_6H_{12}**		***(Z)*-2-Hexene**				**7688-21-3**
l-g	6.16295	1258.57	–39.299	254/365	244/375 B	342.04/101.325	61-trchc
117	**C_6H_{12}**		***(E)*-3-Hexene**				**13269-52-8**
l-g	6.0427	1180.71	–47.766	253/363	243/373 B	340.24/101.325	61-trchc
118	**C_6H_{12}**		***(Z)*-3-Hexene**				**7642-09-3**
l-g	6.00344	1164.13	–48.401	252/363	242/373 B	339.6/101.325	61-trchc
119	**C_6H_{12}**		**Isopropylcyclo-propane**				**3638-35-5**
l-g	5.88735	1119.73	–43	331.47/331.47	311/341 C	331.47/101.325	87-trcsp
120	**C_6H_{12}**		**Methylcyclopentane**				**96-37-7**
l-g	6.18199	1295.54	–34.76	255/373	240/355 A	344.96/101.325	91-trchc
l-g	6.18199	1295.54	–34.76	373/533	355/532.7 B		91-trchc
	(2.70504)	(–741.05)	(43373)				
121	**C_6H_{12}**		**2-Methyl-1-pentene**				**763-29-1**
l-g	5.9752	1138.52	–48.446	249/358	234/373 A	335.28/101.325	61-trchc
122	**C_6H_{12}**		**2-Methyl-2-pentene**				**625-27-4**
				254/363	244/373 B	340.46/101.325	61-trchc
123	**C_6H_{12}**		**3-Methyl-1-pentene**				**760-20-3**
l-g	5.88013	1086.32	–46.946	242/350	228/365 A	327.33/101.325	61-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
124	**C_6H_{12}**		***(E)*-3-Methyl-2-pentene**				**616-12-6**
l-g	6.05124	1194.53	–48.317	256/367	242/380 A	343.59/101.325	61-trchc
125	**C_6H_{12}**		***(Z)*-3-Methyl-2-pentene**				**922-62-3**
l-g	6.03563	1186.4	–46.454	253/364	245/372 C	340.85/101.325	61-trchc
126	**C_6H_{12}**		**4-Methyl-1-pentene**				**691-37-2**
l-g	5.96019	1121.3	–43.463	242/350	228/365 A	327.02/101.325	61-trchc
127	**C_6H_{12}**		***(E)*-4-Methyl-2-pentene**				**674-76-0**
l-g	6.0052	1142.87	–46.007	246/354	236/364 B	331.76/101.325	61-trchc
128	**C_6H_{12}**		***(Z)*-4-Methyl-2-pentene**				**691-38-3**
l-g	5.96619	1120.71	–46.564	244/352	229/367 A	329.54/101.325	61-trchc
129	**C_6H_{12}**		**Propylcyclopropane**				**2415-72-7**
l-g	5.93321	1175.5	–43	342.3/342.3	322/352 C	342.3/101.325	87-trcsp
130	**C_6H_{12}**		**1,1,2-Trimethylcyclo-propane**				**4127-45-1**
l-g	5.83103	1092.47	–40	325.59/325.59	305/335 C	325.59/101.325	87-trcsp
131	**C_6H_{12}**		***r*-1, *c*-2, *c*-3-Trimethylcyclo-propane**				**4806-58-0**
l-g	1.91842	–25.77	–44	339.15/339.15	319/349 C	339.15/101.325	87-trcsp
132	**C_6H_{12}**		***r*-1, *c*-2, *t*-3-Trimethylcyclo-propane**				**4806-59-1**
l-g	1.91867	-25.14	–44	332.85/332.85	312/342 C	332.85/101.325	87-trcsp
133	**C_6H_{14}**		**2, 2-Dimethylbutane**				**75-83-2**
l-g	5.31559	876.25	–62.47	210/238	195/238 B	322.89/101.325	94-trchc
l-g	5.93486	1127.4	–44.184	242/338	238/332 A		94-trchc
l-g	5.8959	1090.16	–42.634	338/488	332/488.7 B		95-trchc
	(2.173)	(0)	(0)				
134	**C_6H_{14}**		**2,3-Dimethylbutane**				**79-29-8**
l-g	5.93486	1127.4	–44.154	254/348	236/340 A	331.14/101.325	94-trchc
l-g	5.93486	1127.4	–44.184	348/500	340/499.9 A		95-trchc
	(2.519)	(332.5)	(–24950.3)				
135	**C_6H_{14}**		**Hexane**				**110-54-3**
cr-g	10.0494	1998.6	–23.15	168/177	158/177.8 C	341.89/101.325	94-trchc
l-g	6.89538	1549.94	–19.15	182/247	177.8/245 A		94-trchc
l-g	6.00139	1170.875	–48.833	250/358	245/353 A		94-trchc
l-g	6.00139	1170.88	–48.833	358/508	353/507.5 A		95-trchc
	(2.89585)	(447.8)	(–27749.4)				
136	**C_6H_{14}**		**2-Methylpentane**				**107-83-5**
l-g	5.98332	1145.8	–45.335	250/348	232/342 A	333.42/101.325	94-trchc
l-g	5.98332	1145.8	–45.335	348/498	342/497.5 B		95-trchc
	(2.2766)	(0)	(0)				
137	**C_6H_{14}**		**3-Methylpentane**				**96-14-0**
l-g	5.99283	1162.37	–44.864	255/358	239/345 A	336.43/101.325	94-trchc
l-g	5.99283	1162.37	–44.864	358/500	345/504.4 B		95-trchc
	(5.74154)	(690.9)	(–40238.2)				
138	**C_7H_8**		**Bicyclo[2.2.1]hepta-2,5-diene,(Norbornadiene)**				**121-46-0**
l-g	5.93933	1237.475	–49.936	300/352	300/360 C	341.77/50	73-halsmi

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
139	**C_7H_8**		**1,3,5-Cycloheptatriene**				**544-25-2**
l-g	6.18661	1422.317	–48.168	273/338	273/339 B, 339/350 C	322.40/10	56-finsco
140	**C_7H_8**		**Tetracyclo[3.2.0.0-(2,7).0(4,6)]-heptane, (Quadricyclane)**				**278-06-8**
l-g	6.29508	1455.853	–44.224	302/372	300/380 C	360.98/50	73-halsmi
141	**C_7H_8**		**Toluene**				**108-88-3**
l-g	7.5727	2124.65	5.95	181/278	178.2/281 B	383.78/101.325	95-trchc
l-g	6.05043	1327.62	–55.525	286/410	281/393 A		95-trchc
l-g	6.05043 (2.38083)	1327.62 (50.777)	–55.525 (–877.95)	408/592	393/591.7 A		95-trchc
142	**C_7H_{10}**		**Bicyclo[2.2.1]hept-2-ene**				**498-66-8**
l-g	5.34144	939.519	–87.051	301/350	300/355 B	344.99/50	73-halsmi
143	**C_7H_{10}**		**Bicyclo[4.1.0]hept-3-ene**				**16554-83-9**
l-g	6.05255	1348.055	–56.089	333/385	330/390 A	385.04/85	74-vardru-2
144	**C_7H_{10}**		**Tricyclo[2, 2, 1, 0] heptane**				**279-19-6**
l-g	6.05065	1222.75	–69.091	302/337	292/347 C		87-trcsp
145	**C_7H_{10}**		**Tricyclo[2.2.1.0(2,6)]heptane**				**4279-19-0**
l-g	6.20584	1301.177	–61.257	302/337	300/340 B	311.20/10	73-halsmi
146	**C_7H_{10}**		**Tricyclo[4.1.0.0(2,4)]heptane**				**187-26-8**
l-g	6.15476	1376.781	–45.708	323/373	320/380 C	371.55/85	74-vardru-1
147	**C_7H_{12}**		**Bicyclo[2.2.1]heptane**				**279-23-2**
cr-g	5.43503	1196.186	–58.303	218/247	215/250 B	244.19/0.1	74-osbdou
cr-g	6.75135	1609.581	–37.779	300/364	295/370 B	317.64/10	73-halsmi
148	**C_7H_{12}**		***(+,-)*-Bicyclo[4.1.0]heptane**				**286-08-8**
l-g	6.01310	1334.604	–56.855	333/384	333/390 A	383.67/85	74-vardru-1, 74-vardru-3
149	**C_7H_{12}**		***cis*-Bicyclo[4.1.0]heptene**				**286-08-8**
l-g	7.146	1987	0.000	298/330	300/335 C	323.30/10	70-chamcn Note 2
150	**C_7H_{12}**		**Cycloheptene**				**628-92-2**
l-g	5.84003	1288.469	–55.514	251/312	250/315 C	321.72/10	41-lis
151	**C_7H_{12}**		**1,2-Dimethylcyclopentene**				**765-47-9**
l-g	5.97984	1290.8	–54.15	294/431	284/441 C	378.95/101.325	79-dykrep
152	**C_7H_{12}**		**1,3-Dimethylcyclopentene**				**62184-82-1**
l-g	5.99297	1252	–51.15	283/410	273/420 C	365.15/101.325	79-dykrep
153	**C_7H_{12}**		**1,4-Dimethylcyclopentene**				**19550-48-2**
l-g	5.90895	1226.4	–52.15	273/413	263/423 C	366.35/101.325	79-dykrep
154	**C_7H_{12}**		**1,5-Dimethylcyclopentene**				**16491-15-9**
l-g	6.00571	1288	–53.15	273/423	263/433 C	375.15/101.325	79-dykrep
155	**C_7H_{12}**		**3,3-Dimethylcyclopentene**				**58049-91-5**
l-g	5.94216	1220.3	–51.15	278/403	268/413 C	361.15/101.325	79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
156	**C_7H_{12}**		**4,4-Dimethylcyclopentene**				**19037-72-0**
l-g	5.94216	1220.3	–51.15	278/403	268/413 C	361.15/101.325	79-dykrep
157	**C_7H_{12}**		**3,3-Dimethyl-1-pentyne**				**918-82-1**
l-g	5.9527	1148.6	–52.15	255/367	247/375 C	343.15/101.325	88-trchc
158	**C_7H_{12}**		**3,4-Dimethyl-1-pentyne**				**61064-08-2**
l-g	6.02	1204.3	–53.15	264/377	258/385 C	353.15/101.325	88-trchc
159	**C_7H_{12}**		**4,4-Dimethyl-1-pentyne**				**13361-63-2**
l-g	5.965	1176.2	–52.15	260/373	254/380 C	349.23/101.325	88-trchc
160	**C_7H_{12}**		**4,4-Dimethyl-2-pentyne**				**999-78-0**
l-g	5.9334	1186.2	–54.15	265/381	257/389 C	356.15/101.325	88-trchc
161	**C_7H_{12}**		**1-Ethylcyclopentene**				**2146-38-5**
l-g	6.55736	1633.771	–20.309	321/379	315/382 B	379.25/101.325	86-eiselv, 88-elvvin, 89-kirvin
162	**C_7H_{12}**		**3-Ethylcyclopentene**				**694-35-9**
l-g	5.94984	1235.559	–57.886	320/371	320/375 B	371.15/101.325	86-eiselv, 88-elvvin, 89-kirvin
163	**C_7H_{12}**		**3-Ethyl-1-pentyne**				**21020-26-8**
l-g	6.0415	1222.8	–54.15	267/381	257/391 B	357.15/101.325	88-trchc
164	**C_7H_{12}**		**1-Heptyne**				**628-71-7**
l-g	6.0737	1289.5	–56.15	279/398	269/408 B	372.89/101.325	88-trchc
165	**C_7H_{12}**		**2-Heptyne**				**1119-65-9**
l-g	6.0523	1323.2	–58.15	288/411	278/421 B	385.15/101.325	88-trchc
166	**C_7H_{12}**		**3-Heptyne**				**2586-89-2**
l-g	6.0427	1299.5	–58.15	284/405	276/413 C	380.31/101.325	88-trchc
167	**C_7H_{12}**		**1-Methylbicyclo[3.1.0]-hexane**				**4625-24-5**
l-g	6.01704	1265.800	–50.653	313/361	310/367 A	358.34/80	74-vardru-3
168	**C_7H_{12}**		**1-Methylcyclohexene**				**591-49-1**
l-g	6.00942	1310.346	–56.145	310/383	305/320 B, 320/390 A	383.43/101.325	60-camros, 70-eisora
169	**C_7H_{12}**		**3-Methylcyclohexene**				**591-48-0**
l-g	6.00449	1276.897	–56.656	318/376	315/380 A	375.98/101.325	70-eisora,
170	**C_7H_{12}**		**4-Methylcyclohexene**				**591-47-9**
l-g	5.99371	1283.1	–54.15	292/429	282/439 D	375.89/101.325	79-dykrep
171	**C_7H_{12}**		**Methylenecyclo-hexane**				**1192-37-6**
l-g	5.92650	1251.834	–57.270	331/387	330/390 A	376.55/101.325	73-meyhot
172	**C_7H_{12}**		**2-Methyl-3-hexyne**				**36566-80-0**
l-g	6.0315	1260.9	–55.15	275/393	265/403 B	368.35/101.325	88-trchc
173	**C_7H_{12}**		**3-Methyl-1-hexyne**				**40276-93-5**
l-g	6.0435	1227.5	–54.15	268/382	260/390 C	358.15/101.325	88-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
174	**C_7H_{12}**		**4-Methyl-1-hexyne**				**52713-81-2**
l-g	6.0423	1247.3	–55.15	272/388	266/396 C	364.15/101.325	88-trchc
175	**C_7H_{12}**		**4-Methyl-2-hexyne**				**20198-49-6**
l-g	6.0271	1272.9	–56.15	278/398	268/408 B	372.69/101.325	88-trchc
176	**C_7H_{12}**		**5-Methyl-1-hexyne**				**2203-80-7**
l-g	6.044	1251.3	–55.15	273/389	265/397 C	365/101.325	88-trchc
177	**C_7H_{12}**		**5-Methyl-2-hexyne**				**53566-37-3**
l-g	6.0326	1286.4	–56.15	280/401	275/409 C	375.61/101.325	88-trchc
178	**C_7H_{14}**		**Cycloheptane**				**291-64-5**
l-g	5.9633	1322.22	–57.853	291/408	281/405 B	391.94/101.325	75-trchc
l-g	5.9633 (2.5284)	1322.22 (250.3)	-57.853 (–13243)	408/604	405/604.3 B		75-trchc
179	**C_7H_{14}**		**1,1-Dimethylcyclopentane**				**1638-26-2**
l-g	5.96199	1230.54	–49.93	267/386	257/396 B	361/101.325	91-trchc
180	**C_7H_{14}**		***cis*-1,2-Dimethylcyclopentane**				**1192-18-3**
l-g	5.97614	1269.67	–52.87	276/398	266/408 B	372.68/101.325	91-trchc
181	**C_7H_{14}**		***trans*-1,2-Dimethylcyclopentane**				**822-50-4**
l-g	5.95744	1235.88	–52.25	271/390	261/400 B	365.02/101.325	91-trchc
182	**C_7H_{14}**		***cis*-1,3-Dimethylcyclopentane**				**2532-58-3**
l-g	6.00405	1259.82	–49.62	270/390	260/400 B	363.92/101.325	91-trchc
183	**C_7H_{14}**		***trans*-1,3-Dimethylcyclopentane**				**1759-58-6**
l-g	5.95279	1232.16	–51.73	270/389	260/399 B	364.87/101.325	91-trchc
184	**C_7H_{14}**		**2,3-Dimethyl-1-pentene**				**3404-72-6**
l-g	6.02306	1222.4	–53.15	267/381	257/391 B	357.43/101.325	61-trchc
185	**C_7H_{14}**		**2,3-Dimethyl-2-pentene**				**10574-37-5**
l-g	5.99846	1267.3	–53.15	275/396	265/406 B	370.55/101.325	61-trchc
186	**C_7H_{14}**		**2,4-Dimethyl-1-pentene**				**2213-32-3**
l-g	5.95752	1199.98	–51.106	263/379	253/389 B	354.76/101.325	61-trchc
187	**C_7H_{14}**		**2,4-Dimethyl-2-pentene**				**625-65-0**
l-g	5.98423	1196.56	–55.695	266/380	256/390 B	356.45/101.325	61-trchc
188	**C_7H_{14}**		**3,3-Dimethyl-1-pentene**				**3404-73-7**
l-g	6.03691	1199.2	–53.15	262/374	252/384 B	350.63/101.325	61-trchc
189	**C_7H_{14}**		**3,4-Dimethyl-1-pentene**				**7385-78-6**
l-g	6.02998	1210.5	–53.15	264/378	254/388 B	353.95/101.325	61-trchc
190	**C_7H_{14}**		***(E)*-3,4-Dimethyl-2-pentene**				**4914-92-5**
l-g	6.00924	1247.1	–53.15	271/389	261/399 B	364.65/101.325	61-trchc
191	**C_7H_{14}**		***(Z)*-3,4-Dimethyl-2-pentene**				**4914-91-4**
l-g	6.01347	1239.4	–53.15	270/387	260/397 B	362.4/101.325	61-trchc
192	**C_7H_{14}**		**4,4-Dimethyl-1-pentene**				**762-62-9**
l-g	5.88908	1151	–49.276	255/370	247/378 C	345.67/101.325	61-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
193	**C_7H_{14}**		***(E)*-4,4-Dimethyl-2-pentene**				**690-08-4**
l-g	6.00166	1195.17	–50.795	260/374	250/384 B	349.89/101.325	61-trchc
194	**C_7H_{14}**		***(Z)*-4,4-Dimethyl-2-pentene**				**762-63-0**
l-g	5.93239	1191.51	–50.14	262/378	252/388 B	353.58/101.325	61-trchc
195	**C_7H_{14}**		**Ethylcyclopentane**				**1640-89-7**
l-g	6.00408	1293.71	–53.03	280/408	270/388 B	377.62/101.325	91-trchc
l-g	6.00408	1293.71	–53.03	408/569	388/569.5 B		91-trchc
	(2.66692)	(561.915)	(–45612)				
196	**C_7H_{14}**		**2-Ethyl-3-methyl-1-butene**				**7357-93-9**
l-g	5.96175	1202.78	–55.479	268/384	258/394 B	359.51/101.325	61-trchc
197	**C_7H_{14}**		**2-Ethyl-1-pentene**				**3404-71-5**
l-g	6.00475	1255.7	–53.15	273/392	263/402 B	367.15/101.325	61-trchc
198	**C_7H_{14}**		**3-Ethyl-1-pentene**				**4038-04-4**
l-g	6.02366	1221.9	–53.15	267/381	260/389 C	357.26/101.325	61-trchc
199	**C_7H_{14}**		**3-Ethyl-2-pentene**				**816-79-5**
l-g	6.00115	1262.6	–53.15	275/394	265/404 B	369.16/101.325	61-trchc
200	**C_7H_{14}**		**1-Heptene**				**592-76-7**
l-g	6.75856	1570.5	–30.07	172/270	162/270 C	366.79/101.325	86-trchc
l-g	6.02677	1258.34	–53.85	270/388	270/382 B		86-trchc
l-g	6.02677	1258.34	–53.85	388/543	382/537.3 B		86-trchc
	(2.6166)	(290.6)	(–17516)				
201	**C_7H_{14}**		***(E)*-2-Heptene**				**14686-13-6**
l-g	5.99753	1269.2	–53.15	276/396	266/406 B	371.1/101.325	61-trchc
202	**C_7H_{14}**		***(Z)*-2-Heptene**				**6443-92-1**
l-g	5.99679	1270.8	–53.15	276/397	266/407 B	371.56/101.325	61-trchc
203	**C_7H_{14}**		***(E)*-3-Heptene**				**14686-14-7**
l-g	6.00166	1261.4	–53.15	274/394	264/404 B	368.82/101.325	61-trchc
204	**C_7H_{14}**		***(Z)*-3-Heptene**				**7642-10-6**
l-g	6.00159	1261.7	–53.15	274/394	264/404 B	368.9/101.325	61-trchc
205	**C_7H_{14}**		**Methylcyclohexane**				**108-87-2**
l-g	5.98232	1290.97	–49.449	277/398	262/388 A	374.09/101.325	92-trchc
l-g	5.9823	1290.97	–49.449	398/572	388/572.1 B		90-trchc
	(2.79424)	(53.7057)	(2916.13)				
206	**C_7H_{14}**		**2-Methyl-1-hexene**				**6094-02-6**
l-g	6.00827	1248.8	–53.15	272/390	262/400 B	365.15/101.325	61-trchc
207	**C_7H_{14}**		**2-Methyl-2-hexene**				**2738-19-4**
l-g	6.0021	1260.5	–53.15	274/394	264/404 B	368.56/101.325	61-trchc
208	**C_7H_{14}**		***(Z)*-2-Methyl-3-hexene**				**15840-60-5**
l-g	6.01976	1228.3	–53.15	268/383	258/393 B	359.15/101.325	61-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
209	**C_7H_{14}**		**3-Methyl-1-hexene**				**3404-61-3**
l-g	6.02414	1221.2	–53.15	266/381	256/391 B	357.05/101.325	61-trchc
210	**C_7H_{14}**		***(E)*-3-Methyl-2-hexene**				**20710-38-7**
l-g	6.00247	1259.7	–53.15	274/393	264/403 B	368.33/101.325	61-trchc
211	**C_7H_{14}**		***(Z)*-3-Methyl-2-hexene**				**10574-36-4**
l-g	5.99865	1266.8	–53.15	275/396	265/406 B	370.41/101.325	61-trchc
212	**C_7H_{14}**		***(E)*-3-Methyl-3-hexene**				**3899-36-3**
l-g	6.02113	1250.69	–55.221	274/391	264/401 B	366.69/101.325	61-trchc
213	**C_7H_{14}**		***(Z)*-3-Methyl-3-hexene**				**4914-89-0**
l-g	6.00277	1239.86	–58.359	276/393	266/403 B	368.55/101.325	61-trchc
214	**C_7H_{14}**		**4-Methyl-1-hexene**				**3769-23-1**
l-g	6.01836	1230.8	–53.15	268/384	258/394 B	359.88/101.325	61-trchc
215	**C_7H_{14}**		***(E)*-4-Methyl-2-hexene**				**3683-22-5**
l-g	6.01696	1233.7	–53.15	269/385	259/395 B	360.71/101.325	61-trchc
216	**C_7H_{14}**		***(Z)*-4-Methyl-2-hexene**				**3683-19-0**
l-g	6.01929	1229.4	–53.15	268/384	258/394 B	359.46/101.325	61-trchc
217	**C_7H_{14}**		**5-Methyl-1-hexene**				**3524-73-0**
l-g	6.0213	1226	–53.15	313/393	303/403 C	358.46/101.325	79-dykrep
218	**C_7H_{14}**		***(E)*-5-Methyl-2-hexene**				**7385-82-2**
l-g	6.01564	1235.5	–53.15	269/386	259/396 B	361.26/101.325	61-trchc
219	**C_7H_{14}**		***(Z)*-5-Methyl-2-hexene**				**13151-17-2**
l-g	6.01314	1240.3	–53.15	270/387	260/397 B	362.65/101.325	61-trchc
220	**C_7H_{14}**		**2,3,3-Trimethyl-1-butene**				**594-56-9**
l-g	5.92316	1181.05	–49.557	260/375	245/390 A	351.04/101.325	61-trchc
221	**C_7H_{16}**		**2,2-Dimethylpentane**				**590-35-2**
l-g	5.94392	1191.96	–49.652	261/368	247/365 A	352.32/101.325	91-trchc
l-g	5.94392	1191.96	–49.652	368/520	365/520.4 B		95-trchc
	(2.2002)	(515.6)	(–33215)				
222	**C_7H_{16}**		**2,3-Dimethylpentane**				**565-59-3**
l-g	6.38549	1431.28	–34.08	205/278	195/278 B	362.91/101.325	91-trchc
l-g	5.98066	1238.99	–51.208	278/378	278/375 A		91-trchc
l-g	5.98066	1238.99	–51.208	378/537	375/537.3 B		95-trchc
	(1.9792)	(282.4)	(–12835)				
223	**C_7H_{16}**		**2,4-Dimethylpentane**				**108-08-7**
l-g	5.95442	1193.61	–51.343	262/368	248/363 A	353.62/101.325	91-trchc
l-g	5.95442	1193.61	–51.343	368/520	363/519.7 B		95-trchc
	(1.926)	(224.4)	(–4163)				
224	**C_7H_{16}**		**3,3-Dimethylpentane**				**562-49-2**
l-g	5.94912	1227.02	–48.029	265/378	250/374 A	359.19/101.325	91-trchc
l-g	5.9491	1227.02	–48.029	378/536	374/536.3 B		95-trchc
	(2.1528)	(420.7)	(–24617)				

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
225	**C_7H_{16}**		**3-Ethylpentane**				**617-78-7**
l-g	6.00449	1254.06	–53.015	273/378	263/375 A	366.62/101.325	91-trchc
l-g	6.00449	1254.06	–53.015	378/541	375/540.5 B		95-trchc
	(2.3891)	(565.8)	(–38997)				
226	**C_7H_{16}**		**Heptane**				**142-82-5**
cr-g	10.6172	2286.1	–23.15	175/179	165/182.6 C	371.55/101.325	91-trchc
l-g	6.75691	1599.5	–29.95	185/274	182.6/274 B		91-trchc
l-g	6.02023	1263.91	–56.718	274/388	274/385 A		91-trchc
l-g	6.02023	1263.91	–56.718	388/539	385/539.2 A		95-trchc
	(1.9856)	(525.3)	(–35423)				
227	**C_7H_{16}**		**2-Methylhexane**				**591-76-4**
l-g	5.99739	1235.52	–53.653	270/378	255/375 A	363.18/101.325	91-trchc
l-g	5.99739	1235.52	–53.653	378/530	375/530.1 B		95-trchc
	(2.04)	(575.2)	(–40292)				
228	**C_7H_{16}**		**3-Methylhexane**				**589-34-4**
l-g	5.99571	1242.02	–53.715	272/378	260/375 A	365/101.325	91-trchc
l-g	5.99571	1242.02	–53.715	378/535	375/535.2 B		95-trchc
	(1.8974)	(267.3)	(–9936)				
229	**C_7H_{16}**		**2,2,3-Trimethylbutane**				**464-06-2**
l-g	5.91555	1199.4	–47.242	261/368	249/365 A	354.01/101.325	91-trchc
l-g	5.91555	1199.4	–47.242	368/531	365/531.1 B		95-trchc
	(1.9886)	(309.7)	(–16910)				

2.2 Hydrocarbons, C_8 to C_9

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
230	**C_8H_8**		**Cyclooctatetraene**				**629-20-9**
l-g	5.92879	1366.420	–66.972	273/390	370/390 B	344.20/10	79-sevsol, 49-scogro
231	**C_8H_8**		**1,3,5-Octatrien-7-yne**				**20023-57-8**
l-g	10.87863	6128.229	273.190	313/429	313/360 B, 360/430 C	347.16/10	31-niecal
232	**C_8H_8**		**Pentacyclo-[4.2.0.0(2,5).0(3,8)-.0,(4,7)]octane, (Cubane)**				**277-10-1**
cr-g	13.12	4190	0.000	239/262	239/262 C	259.93/0.001	66-kybcar Note 2
233	**C_8H_8**		**Styrene**				**100-42-5**
l-g	6.33183	1597.003	–49.030	285/418	285/311 C, 311/420 B	418.18/101.325	55-dremar, 46-pitgut
l-g	2.55360	337.217	–172.253	246/281	245/286 D	267.15/0.1	52-byw
234	**C_8H_{10}**		**1,2-Dimethylbenzene**				**95-47-6**
cr-g	13.787	3790.78	0	210/243	296/248 A	417.58/101.325	95-trchc
l-g	7.5862	2277.61	0	250/307	248/301 A		95-trchc
l-g	6.09789	1458.706	–60.109	313/445	301/445 A		95-trchc
l-g	6.09789	1458.706	–61.109	448/630	445/630.3 A		95-trchc
	(2.3586)	(75.45)	(–880.27)				
235	**C_8H_{10}**		**1,3-Dimethylbenzene**				**108-38-3**
l-g	6.03914	1425.44	–60.15	227/303	220/303 B	412.27/101.325	95-trchc
l-g	6.14051	1468.703	–57.03	309/440	303/443 A		95-trchc
l-g	6.14051	1468.703	–57.03	443/617	443/617 B		95-trchc
	(2.54362)	(110.36)	(–3351.5)				
236	**C_8H_{10}**		**1,4-Dimethylbenzene**				**106-42-3**
l-g	5.89777	1369.27	–63.15	295/302	287/302 B	411.51/101.325	95-trchc
l-g	6.10494	1446.832	–58.523	308/439	302/439 A		95-trchc
l-g	6.10494	1446.832	–58.523	443/616	439/616.2 B		95-trchc
	(2.50254)	(228.65)	(–12480)				
237	**C_8H_{10}**		**Ethylbenzene**				**100-41-4**
l-g	5.6643	1250.06	–73.31	199/300	188/301 B	409.35/101.325	95-trchc
l-g	6.06861	1415.772	–60.852	306/420	301/425 A		95-trchc
l-g	6.06861	1415.77	–60.85	433/617	425/617.1 B		95-trchc
	(2.52704)	(91.478)	(–1606.1)				
238	**C_8H_{12}**		**1,5-Cyclooctadiene**				**111-78-4**
l-g	5.41613	1098.701	–104.467	324/386	323/345 D, 345/386 C	371.46/20	73-fae, 90-karkar
239	**C_8H_{12}**		***trans*-1,2-Divinylcyclobutane**				**6553-48-6**
l-g	7.3369	2040	0.000	353/386	350/386 C	382.24/100	73-raugey

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
240	**C_8H_{12}**		**Tricyclo[3.3.0.0(2,6)]octane**				**250-21-5**
l-g	6.46379	1639.302	–31.368	273/343	273/304 C, 304/345 B	331.40/10	88-letsew
241	**C_8H_{12}**		**4-Vinyl-1-Cyclohexene**				**100-40-3**
l-g	6.01996	1384.636	–57.254	329/396	329/397 A, 397/405 B	402.18/101.325	74-vardru
242	**C_8H_{14}**		**Bicyclo[2.2.2]octane**				**280-33-1**
cr-g	7.753	2416.4	0.000	323/363	320/370 C	311.67/1	71-boysan Note 2
243	**C_8H_{14}**		***cis*-Bicyclo[3.3.0]octane**				**1755-05-1**
l-g	6.47591	1633.342	–41.575	298/318	295/320 B	306.09/2	70-chamcn Note 4
244	**C_8H_{14}**		***trans*-Bicyclo[3.3.0]octane**				**5597-89-7**
l-g	6.76262	1813.130	–26.095	298/320	295/323 B	294.21/1	70-chamcn Note 4
245	**C_8H_{14}**		***cis*-Bicyclo[4.2.0]octane**				**28282-35-1**
l-g	6.36233	1619.574	–39.893	298/347	295/350 B	341.92/10	70-chamcn Note 4
246	**C_8H_{14}**		***cis*-Bicyclo[5.1.0]octane**				**16526-90-2**
l-g	7.664	2277.9	0.000	297/332	295/335 C	327.05/5	70-chamcn Note 2
247	**C_8H_{14}**		***cis*-Cyclooctene**				**931-88-4**
l-g	7.02513	1988.214	–15.138	273/333	273/333 C	310.82/2	41-lis
248	**C_8H_{14}**		**2,5-Dimethyl-1,5-hexadiene**				**627-58-7**
l-g	4.55211	579.233	–161.159	330/388	330/390 C	388.63/101.325	73-felsav
249	**C_8H_{14}**		**3,3-Dimethyl-1,5-hexadiene**				**24253-25-6**
l-g	6.960	1840	0.000	293/371	293/372 C	371.40/101.325	69-fresol Note 2
250	**C_8H_{14}**		**1-Ethylcyclohexene**				**1453-24-3**
l-g	6.01128	1380.934	–65.372	332/411	325/420 A	410.13/101.325	60-camros, 86-eiselv
251	**C_8H_{14}**		**1-Methylbicyclo[4.1.0]-heptane**				**2439-79-4**
l-g	5.98826	1356.452	–58.167	341/393	340/400 A	398.77/101.325	74-vardru-3
252	**C_8H_{14}**		**1,7-Octadiene**				**3710-30-3**
l-g	5.82773	1208.607	–74.562	309/420	305/420 B	390.78/101.325	88-bobmel, 91-jermel, 88-jermis
253	**C_8H_{14}**		**1-Octyne**				**629-05-0**
l-g	6.19434	1426.77	–58.73	301/425	291/435 B	399.35/101.325	88-trchc
254	**C_8H_{14}**		**2-Octyne**				**2809-67-8**
l-g	6.22447	1482.4	–59.97	310/438	300/448 B	410.88/101.325	88-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
255	**C_8H_{14}**		**3-Octyne**				**15232-76-5**
l-g	6.25854	1477.09	–59.03	307/432	297/442 B	406.29/101.325	88-trchc
256	**C_8H_{14}**		**4-Octyne**				**1942-45-6**
l-g	6.26043	1473.31	–58.68	345.6/405	335/415 B		88-trcsp
257	**C_8H_{14}**		**1-Propylcyclopentene**				**3074-61-1**
l-g	5.99650	1344.713	–67.347	344/405	320/410 B	404.30/101.325	86-eiselv, 88-elvvin
258	**C_8H_{14}**		**3-Propylcyclopentene**				**34067-75-9**
l-g	6.04498	1377.069	–58.176	339/399	300/410 B	399.10/101.325	86-eiselv, 88-elvvin
259	**C_8H_{16}**		**Cyclooctane**				**292-64-8**
l-g	5.98576	1437.722	–63.051	358/413	344/424 A	424.29/101.325	91-trchc/ wuloc
l-g	5.98125	1434.67	–63.438	316/448	424/444 B		75-trchc/ wuloc
l-g	5.98125	1434.67	–63.438	448/647	444/647.2 B		75-trchc/ wuloc
	(2.306)	(325.5)	(–31112)				
260	**C_8H_{16}**		**(1-Methylethyl)cyclo-pentane**				**3875-51-2**
l-g	6.01112	1379.42	–55.181	297/427	287/437 B	399.57/101.325	52-trchc
261	**C_8H_{16}**		**1,1-Dimethylcyclohexane**				**590-66-9**
l-g	5.9183	1319.81	–55.42	290/420	280/430 B	392.74/101.325	90-trchc
262	**C_8H_{16}**		***cis*-1,2-Dimethylcyclohexane**				**2207-01-4**
l-g	5.9665	1369.97	–57.01	299/431	289/441 B	402.89/101.325	90-trchc
263	**C_8H_{16}**		***trans*-1,2-Dimethylcyclohexane**				**6876-23-9**
l-g	5.952	1350.32	–54.41	293/424	283/434 B	396.58/101.325	90-trchc
264	**C_8H_{16}**		***cis*-1,3-Dimethylcyclohexane**				**638-04-0**
l-g	6.208	1479.22	–44.68	295/423	285/433 B	396.68/101.325	90-trchc
265	**C_8H_{16}**		***trans*-1,3-Dimethylcyclohexane**				**2207-03-6**
l-g	5.4487	1063.73	–85.56	292/423	282/433 B	394.51/101.325	90-trchc
266	**C_8H_{16}**		***cis*-1,4-Dimethylcyclohexane**				**624-29-3**
l-g	5.9597	1346.9	–56.84	295/425	285/435 B	397.48/101.325	90-trchc
267	**C_8H_{16}**		***trans*-1,4-Dimethylcyclohexane**				**2207-04-7**
l-g	5.9448	1331.82	–54.41	290/420	280/430 B	392.51/101.325	90-trchc
268	**C_8H_{16}**		***(E)*-2,2-Dimethyl-3-hexene**				**690-93-7**
l-g	5.96373	1240.68	–60.582	280/399	265/415 A	374/101.325	60-trchc
269	**C_8H_{16}**		***(Z)*-2,2-Dimethyl-3-hexene**				**690-92-6**
l-g	5.90261	1241.74	–59.942	281/405	271/415 B	378.58/101.325	60-trchc
270	**C_8H_{16}**		**2,3-Dimethyl-1-hexene**				**16746-86-4**
l-g	6.03612	1311.9	–58.15	287/409	277/419 B	383.65/101.325	60-trchc

Phase	Antoine constants			T-range [K]	Range [K], Rating	T_b[K]/P_b[kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
271	**C_8H_{16}**		**2,3-Dimethyl-2-hexene**				**7145-20-2**
l-g	6.0161	1350.7	–58.15	294/422	286/432 C	394.92/101.325	60-trchc
272	**C_8H_{16}**		***(E)*-2,3-Dimethyl-3-hexene**				**66225-30-7**
l-g	6.02851	1323.5	–58.15	289/413	279/423 B	387.15/101.325	60-trchc
273	**C_8H_{16}**		***(Z)*-2,3-Dimethyl-3-hexene**				**59643-75-3**
l-g	6.02851	1323.5	–58.15	289/413	279/423 B	387.15/101.325	60-trchc
274	**C_8H_{16}**		**2,4-Dimethyl-1-hexene**				**16746-87-5**
l-g	6.03575	1314.6	–58.15	287/410	277/420 B	384.35/101.325	60-trchc
275	**C_8H_{16}**		**2,4-Dimethyl-2-hexene**				**14255-23-3**
l-g	6.03704	1312.6	–58.15	287/409	277/419 B	383.75/101.325	60-trchc
276	**C_8H_{16}**		***(E)*-2,4-Dimethyl-3-hexene**				**61847-78-7**
l-g	6.0426	1302.1	–58.15	285/406	275/416 B	380.75/101.325	60-trchc
277	**C_8H_{16}**		***(Z)*-2,4-Dimethyl-3-hexene**				**37549-89-6**
l-g	6.03997	1307.1	–58.15	286/408	276/418 B	382.15/101.325	60-trchc
278	**C_8H_{16}**		**2,5-Dimethyl-1-hexene**				**6975-92-4**
l-g	6.0351	1316	–58.15	288/410	280/420 C	384.75/101.325	60-trchc
279	**C_8H_{16}**		**2,5-Dimethyl-2-hexene**				**3404-78-2**
l-g	6.03129	1322	–58.15	289/412	281/420 C	385.35/101.325	60-trchc
280	**C_8H_{16}**		***(E)*-2,5-Dimethyl-3-hexene**				**692-70-6**
l-g	6.05283	1283.3	–58.15	281/400	273/408 C	375.15/101.325	60-trchc
281	**C_8H_{16}**		***(Z)*-2,5-Dimethyl-3-hexene**				**10557-44-5**
l-g	6.05986	1271.3	–58.15	285/396	283.2/406 B	375.15/101.325	60-trchc
282	**C_8H_{16}**		**3,3-Dimethyl-1-hexene**				**3404-77-1**
l-g	6.0474	1289.3	–58.15	282/402	272/412 B	377.15/101.325	60-trchc
283	**C_8H_{16}**		**3,4-Dimethyl-1-hexene**				**16745-94-1**
l-g	6.03232	1316.7	–58.15	288/411	278/421 B	385.15/101.325	60-trchc
284	**C_8H_{16}**		***(E)*-3,4-Dimethyl-2-hexene**				**19550-82-4**
l-g	6.02505	1330.4	–58.15	290/415	280/425 B	389.15/101.325	60-trchc
285	**C_8H_{16}**		***(Z)*-3,4-Dimethyl-2-hexene**				**19550-81-3**
l-g	6.02505	1330.4	–58.15	290/415	280/425 B	389.15/101.325	60-trchc
286	**C_8H_{16}**		***(E)*-3,4-Dimethyl-3-hexene**				**19550-88-0**
l-g	6.01432	1350.9	–58.15	294/422	284/432 B	395.15/101.325	60-trchc
287	**C_8H_{16}**		***(Z)*-3,4-Dimethyl-3-hexene**				**19550-87-9**
l-g	6.01432	1350.9	–58.15	294/422	284/432 B	395.15/101.325	60-trchc
288	**C_8H_{16}**		**3,5-Dimethyl-1-hexene**				**7423-69-0**
l-g	6.0474	1289.3	–58.15	282/402	272/412 B	377.15/101.325	60-trchc
289	**C_8H_{16}**		***(E)*-3,5-Dimethyl-2-hexene**				**66225-12-5**
l-g	6.03232	1316.7	–58.15	288/411	278/421 B	385.15/101.325	60-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
290	**C_8H_{16}**		***(Z)*-3,5-Dimethyl-2-hexene**				**66225-31-8**
l-g	6.03232	1316.7	–58.15	288/411	278/421 B	385.15/101.325	60-trchc
291	**C_8H_{16}**		**4,4-Dimethyl-1-hexene**				**1647-08-1**
l-g	6.04357	1301	–58.15	285/406	275/416 B	380.35/101.325	60-trchc
292	**C_8H_{16}**		***(E)*-4,4-Dimethyl-2-hexene**				**19550-83-5**
l-g	6.04372	1296.2	–58.15	284/404	274/414 B	379.15/101.325	60-trchc
293	**C_8H_{16}**		***(Z)*-4,4-Dimethyl-2-hexene**				**66225-13-6**
l-g	6.04372	1296.2	–58.15	284/404	274/414 B	379.15/101.325	60-trchc
294	**C_8H_{16}**		**4,5-Dimethyl-1-hexene**				**16106-59-5**
l-g	6.03781	1306.4	–58.15	286/408	276/418 B	382.15/101.325	60-trchc
295	**C_8H_{16}**		***(E)*-4,5-Dimethyl-2-hexene**				**66225-14-7**
l-g	6.03617	1309.9	–58.15	286/409	276/419 B	383.15/101.325	60-trchc
296	**C_8H_{16}**		***(Z)*-4,5-Dimethyl-2-hexene**				**65036-71-7**
l-g	6.03617	1309.9	–58.15	286/409	280/417 C	383.15/101.325	60-trchc
297	**C_8H_{16}**		**5,5-Dimethyl-1-hexene**				**7116-86-1**
l-g	6.05169	1284.6	–58.15	281/400	273/410 C	375.65/101.325	60-trchc
298	**C_8H_{16}**		***(E)*-5,5-Dimethyl-2-hexene**				**39782-43-9**
l-g	6.04833	1290	–58.15	282/402	275/410 C	377.25/101.325	60-trchc
299	**C_8H_{16}**		***(Z)*-5,5-Dimethyl-2-hexene**				**39761-61-0**
l-g	6.04299	1299.6	–58.15	284/405	274/415 B	380.05/101.325	60-trchc
300	**C_8H_{16}**		**Ethylcyclohexane**				**1678-91-7**
l-g	5.9702	1369.41	–59.55	301/433	288/446 A	404.97/101.325	92-trchc
301	**C_8H_{16}**		**2-Ethyl-3,3-dimethyl-1-butene**				**18231-53-3**
l-g	6.03617	1309.9	–58.15	286/409	280/416 C	383.15/101.325	60-trchc
302	**C_8H_{16}**		**2-Ethyl-1-hexene**				**1632-16-2**
l-g	6.01795	1344.1	–58.15	293/420	283/430 B	393.15/101.325	60-trchc
303	**C_8H_{16}**		**3-Ethyl-1-hexene**				**3404-58-8**
l-g	6.03645	1311.2	–58.15	287/409	283.2/419 B	383.45/101.325	60-trchc
304	**C_8H_{16}**		***(E)*-3-Ethyl-2-hexene**				**66225-15-8**
l-g	6.01613	1347.5	–58.15	294/421	284/431 B	394.15/101.325	60-trchc
305	**C_8H_{16}**		***(Z)*-3-Ethyl-2-hexene**				**36880-72-5**
l-g	6.01613	1347.5	–58.15	294/421	284/431 B	394.15/101.325	60-trchc
306	**C_8H_{16}**		**3-Ethyl-3-hexene**				**16789-51-8**
l-g	6.02505	1330.4	–58.15	290/415	285/423 C	389.15/101.325	60-trchc
307	**C_8H_{16}**		**4-Ethyl-1-hexene**				**16746-85-3**
l-g	6.03041	1320.1	–58.15	288/412	278/422 B	386.15/101.325	60-trchc
308	**C_8H_{16}**		***(E)*-4-Ethyl-2-hexene**				**19781-63-6**
l-g	6.03041	1320.1	–58.15	288/412	278/422 B	386.15/101.325	60-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
309	**C_8H_{16}**		***(Z)*-4-Ethyl-2-hexene**				**54616-49-8**
l-g	6.03041	1320.1	–58.15	288/412	280/420 C	386.15/101.325	60-trchc
310	**C_8H_{16}**		**1-Ethyl-1-methylcyclopentane**				**16747-50-5**
l-g	5.99638	1355.29	–55.058	293/422	283/432 B	394.67/101.325	52-trchc
311	**C_8H_{16}**		***cis*-1-Ethyl-2-methylcyclopentane**				**930-89-2**
l-g	6.03051	1388.31	–56.262	298/428	283/443 A	401.2/101.325	52-trchc
312	**C_8H_{16}**		***trans*-1-Ethyl-2-methylcyclopentane**				**930-90-5**
l-g	6.0093	1356	–55.65	293/421	285/430 C	394.35/101.325	52-trchc
313	**C_8H_{16}**		***cis*-1-Ethyl-3-methylcyclopentane**				**2613-66-3**
l-g	6.0087	1355	–56.05	293/421	285/429 C	394.25/101.325	52-trchc
314	**C_8H_{16}**		***trans*-1-Ethyl-3-methylcyclopentane**				**2613-65-2**
l-g	5.9992	1351	–55.65	293/421	285/429 C	394.25/101.325	52-trchc
315	**C_8H_{16}**		**2-Ethyl-2-methyl-2-pentene**				**19780-67-7**
l-g	6.02036	1342.7	–58.15	293/419	283/429 B	390.15/101.325	60-trchc
316	**C_8H_{16}**		**2-Ethyl-3-methyl-1-pentene**				**3404-67-9**
l-g	6.03258	1318.8	–58.15	288/411	283.2/421 B	385.65/101.325	60-trchc
317	**C_8H_{16}**		**2-Ethyl-4-methyl-1-pentene**				**3404-80-6**
l-g	6.03707	1311.4	–58.15	287/409	277/419 B	383.45/101.325	60-trchc
318	**C_8H_{16}**		**3-Ethyl-2-methyl-1-pentene**				**19780-66-6**
l-g	5.98942	1302.08	–55.555	284/408	274/418 B	383.15/101.325	60-trchc
319	**C_8H_{16}**		**3-Ethyl-3-methyl-1-pentene**				**6196-60-7**
l-g	6.03232	1316.7	–58.15	288/411	278/421 B	385.15/101.325	60-trchc
320	**C_8H_{16}**		**3-Ethyl-4-methyl-1-pentene**				**61847-80-1**
l-g	6.0423	1301.8	–58.15	285/406	275/416 B	380.65/101.325	60-trchc
321	**C_8H_{16}**		***(E)*-3-Ethyl-4-methyl-2-pentene**				**42067-49-2**
l-g	6.0297	1325.1	–58.15	289/413	284/420 C	387.45/101.325	60-trchc
322	**C_8H_{16}**		***(Z)*-3-Ethyl-4-methyl-2-pentene**				**42067-48-1**
l-g	6.02505	1330.4	–58.15	290/415	284/423 C	389.15/101.325	60-trchc
323	**C_8H_{16}**		**3-Methyl-2-(1-methylethyl)-1-butene**				**111823-35-9**
l-g	6.0474	1289.3	–58.15	282/402	272/412 B	377.15/101.325	60-trchc
324	**C_8H_{16}**		**2-Methyl-1-heptene**				**15870-10-7**
l-g	6.02073	1341.9	–58.15	293/419	285/426 C	392.37/101.325	60-trchc
325	**C_8H_{16}**		**2-Methyl-2-heptene**				**627-97-4**
l-g	6.52382	1610.601	–39.377	257/396	250/400 C	395.85/101.325	47-stu
326	**C_8H_{16}**		***(E)*-2-Methyl-3-heptene**				**692-96-6**
l-g	6.03282	1319.2	–58.15	288/412	283/420 C	385.15/101.325	60-trchc
327	**C_8H_{16}**		***(Z)*-2-Methyl-3-heptene**				**20488-34-0**
l-g	6.03232	1316.7	–58.15	288/411	282/419 C	385.15/101.325	60-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
328	**C_8H_{16}**		**3-Methyl-1-heptene**				**4810-09-7**
l-g	6.03424	1313.3	–58.15	287/410	277/420 B	384.15/101.325	60-trchc
329	**C_8H_{16}**		***(E)*-3-Methyl-2-heptene**				**22768-20-3**
l-g	6.01432	1350.9	–58.15	294/422	288/430 C	395.15/101.325	60-trchc
330	**C_8H_{16}**		***(Z)*-3-Methyl-2-heptene**				**22768-19-0**
l-g	6.01432	1350.9	–58.15	294/422	288/430 C	395.15/101.325	60-trchc
331	**C_8H_{16}**		***(E)*-3-Methyl-3-heptene**				**22768-18-9**
l-g	6.01613	1347.5	–58.15	294/421	289/439 C	394.15/101.325	60-trchc
332	**C_8H_{16}**		***(Z)*-3-Methyl-3-heptene**				**22768-17-8**
l-g	6.01613	1347.5	–58.15	294/421	289/429 C	394.15/101.325	60-trchc
333	**C_8H_{16}**		**4-Methyl-1-heptene**				**13151-05-8**
l-g	6.03286	1320.1	–58.15	288/412	284/420 C	385.95/101.325	60-trchc
334	**C_8H_{16}**		***(E)*-4-Methyl-2-heptene**				**66225-17-0**
l-g	6.02851	1323.5	–58.15	289/413	279/423 B	387.15/101.325	60-trchc
335	**C_8H_{16}**		***(Z)*-4-Methyl-2-heptene**				**66225-16-9**
l-g	6.02851	1323.5	–58.15	289/413	279/423 B	387.15/101.325	60-trchc
336	**C_8H_{16}**		***(E)*-4-Methyl-3-heptene**				**13714-85-7**
l-g	6.01432	1350.9	–58.15	294/422	286/430 C	395.15/101.325	60-trchc
337	**C_8H_{16}**		***(Z)*-4-Methyl-3-heptene**				**14255-24-4**
l-g	6.01432	1350.9	–58.15	294/422	288/430 C	395.15/101.325	60-trchc
338	**C_8H_{16}**		**5-Methyl-1-heptene**				**13151-04-7**
l-g	6.03099	1321.5	–58.15	289/412	284/420 C	386.45/101.325	60-trchc
339	**C_8H_{16}**		***(E)*-5-Methyl-2-heptene**				**24608-85-3**
l-g	6.02133	1337.2	–58.15	292/417	286/425 C	391.15/101.325	60-trchc
340	**C_8H_{16}**		***(Z)*-5-Methyl-2-heptene**				**24608-84-2**
l-g	6.02133	1337.2	–58.15	292/417	286/425 C	391.15/101.325	60-trchc
341	**C_8H_{16}**		***(E)*-5-Methyl-3-heptene**				**53510-18-2**
l-g	6.03232	1316.7	–58.15	288/411	276/419 C	385.15/101.325	60-trchc
342	**C_8H_{16}**		***(Z)*-5-Methyl-3-heptene**				**50422-80-5**
l-g	6.03232	1316.7	–58.15	288/411	280/419 C	385.15/101.325	60-trchc
343	**C_8H_{16}**		**6-Methyl-1-heptene**				**5026-76-6**
l-g	6.031	1321.1	–58.15	289/412	281/422 C	386.35/101.325	60-trchc
344	**C_8H_{16}**		***(E)*-6-Methyl-2-heptene**				**51065-65-7**
l-g	6.02318	1333.8	–58.15	291/416	285/424 C	390.15/101.325	60-trchc
345	**C_8H_{16}**		***(Z)*-6-Methyl-2-heptene**				**66225-18-1**
l-g	6.02318	1333.8	–58.15	291/416	281/426 B	390.15/101.325	60-trchc
346	**C_8H_{16}**		***(E)*-6-Methyl-3-heptene**				**66225-20-5**
l-g	6.03027	1324	–58.15	289/413	284/420 C	388.15/101.325	60-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
347	**C_8H_{16}**		***(Z)*-6-Methyl-3-heptene**				**66225-19-2**
l-g	6.02692	1327	–58.15	290/414	284/422 C	388.15/101.325	60-trchc
348	**C_8H_{16}**		**1-Octene**				**111-66-0**
l-g	6.76648	1678.63	–35.56	187/291	171.5/291 B	394.44/101.325	86-trchc
l-g	6.05985	1355.46	–60.1	291/418	291/408 A		86-trchc
l-g	6.05985	1355.46	–60.1	418/573	408/566.6 B		86-trchc
	(2.6896)	(512.5)	(–40092)				
349	**C_8H_{16}**		***cis*-2-Octene**				**7642-04-8**
l-g	6.01809	1335.557	–65.909	356/400	310/400 B	398.77/101.325	86-eiselv, 74-micelw
350	**C_8H_{16}**		***trans*-2-Octene**				**13389-42-9**
l-g	6.03171	1336.491	–66.112	356/400	310/400 B	398.08/101.325	86-eiselv, 74-micelw
351	**C_8H_{16}**		***cis*-3-Octene**				**14850-22-7**
l-g	6.0137	1354.3	–58.15	295/423	287/430 C	396.05/101.325	60-trchc
352	**C_8H_{16}**		***trans*-3-Octene**				**14919-01-8**
l-g	6.05228	1349.655	–62.869	355/396	305/400 B	396.40/101.325	86-eiselv, 74-micelw
353	**C_8H_{16}**		***cis*-4-Octene**				**7642-15-1**
l-g	6.04737	1354.001	–60.651	353/395	305/400 B	395.66/101.325	86-eiselv, 74-micelw
354	**C_8H_{16}**		***trans*-4-Octene**				**14850-23-8**
l-g	6.09581	1376.120	–58.960	353/396	305/400 B	395.41/101.325	86-eiselv, 74-micelw
355	**C_8H_{16}**		**2-(1-Methylethyl)-1-pentene**				**61847-79-8**
l-g	6.03509	1316.4	–58.15	288/411	278/411 B	386.15/101.325	60-trchc
356	**C_8H_{16}**		**Propylcyclopentane**				**2040-96-2**
l-g	6.02882	1384.39	–59.991	302/431	288/445 A	404.1/101.325	54-trchc
357	**C_8H_{16}**		**2-Propyl-1-pentene**				**15918-08-8**
l-g	6.02284	1336.5	–58.15	292/417	286/425 C	390.85/101.325	60-trchc
358	**C_8H_{16}**		**1,1,2-Trimethylcyclo-pentane**				**4259-00-1**
l-g	5.94695	1309.62	–54.593	286/414	276/424 B	386.88/101.325	52-trchc
359	**C_8H_{16}**		**1,1,3-Trimethylcyclo-pentane**				**4516-69-2**
l-g	5.93437	1276	–53.251	280/404	272/414 C	378.04/101.325	52-trchc
360	**C_8H_{16}**		***r*-1, *c*-2, *c*-3-Trimethylcyclo-pentane**				**2613-69-6**
l-g	5.9734	1349	–56.15	294/423	286/431 C	396.15/101.325	52-trchc
361	**C_8H_{16}**		***r*-1, *c*-2, *t*-3-Trimethylcyclo-pentane**				**15890-40-1**
l-g	5.9729	1331	–55.15	290/417	285/424 C	390.65/101.325	52-trchc
362	**C_8H_{16}**		***r*-1, *t*-2, *c*-3-Trimethylcyclo-pentane**				**19374-46-0**
l-g	5.9517	1301	–53.65	284/410	278/416 C	383.35/101.325	52-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
363	**C_8H_{16}**		***r*-1, *c*-2, *c*-4-Trimethylcyclo-pentane**				**2613-72-1**
l-g	5.967	1335	–54.15	290/418	282/426 C	390.15/101.325	52-trchc
364	**C_8H_{16}**		***r*-1, *c*-2, *t*-4-Trimethylcyclo-pentane**				**4850-28-6**
l-g	5.97938	1333.89	–54.198	289/417	279/427 B	389.88/101.325	52-trchc
365	**C_8H_{16}**		***r*-1, *t*-2, *c*-4-Trimethylcyclo-pentane**				**16883-48-0**
l-g	5.9746	1306.15	–53.342	283/409	273/419 B	382.44/101.325	52-trchc
366	**C_8H_{16}**		**2,3,3-Trimethyl-1-pentene**				**560-23-6**
l-g	6.04085	1304.6	–58.15	285/407	275/417 C	381.46/101.325	60-trchc
367	**C_8H_{16}**		**2,3,4-Trimethyl-1-pentene**				**565-76-4**
l-g	6.03977	1303	–58.15	285/408	275/418 B	381.15/101.325	60-trchc
368	**C_8H_{16}**		**2,3,4-Trimethyl-2-pentene**				**565-77-5**
l-g	6.02612	1331.8	–58.15	291/416	281/426 B	389.41/101.325	60-trchc
369	**C_8H_{16}**		**2,4,4-Trimethyl-1-pentene**				**107-39-1**
l-g	5.95947	1273.42	–52.535	277/400	267/410 B	374.59/101.325	60-trchc
370	**C_8H_{16}**		**2,4,4-Trimethyl-2-pentene**				**107-40-4**
l-g	5.98412	1272.72	-58.155	282/404	272/414 B	378.06/101.325	60-trchc
371	**C_8H_{16}**		**3,3,4-Trimethyl-1-pentene**				**560-22-5**
l-g	6.04571	1292.8	–58.15	283/403	273/413 B	378.15/101.325	60-trchc
372	**C_8H_{16}**		**3,4,4-Trimethyl-1-pentene**				**564-03-4**
l-g	6.0474	1289.3	–58.15	282/402	272/412 B	377.15/101.325	60-trchc
373	**C_8H_{16}**		***(E)*-3,4,4-Trimethyl-2-pentene**				**39761-57-4**
l-g	6.03232	1316.7	–58.15	288/411	278/421 B	385.15/101.325	60-trchc
374	**C_8H_{16}**		***(Z)*-3,4,4-Trimethyl-2-pentene**				**39761-64-3**
l-g	6.03396	1317.4	–58.15	288/411	278/421 B	385.15/101.325	60-trchc
375	**C_8H_{18}**		**2,2-Dimethylhexane**				**590-73-8**
l-g	5.95748	1271.18	–58.32	283/398	270/394 A	379.99/101.325	90-trchc
l-g	5.95748	1271.18	–58.32	398/550	394/549.8 B		90-trchc
	(2.40185)	(301.2)	(–17401)				
376	**C_8H_{18}**		**2,3-Dimethylhexane**				**584-94-1**
l-g	5.99236	1314.29	–59.091	290/408	283.2/400 A	388.76/101.325	90-trchc
l-g	5.99236	1314.29	–59.091	408/562	400/563.4 B		90-trchc
	(2.33502)	(185)	(–3318)				
377	**C_8H_{18}**		**2,4-Dimethylhexane**				**589-43-5**
l-g	5.97399	1285.85	–58.55	285/398	270/395 A	382.58/101.325	90-trchc
l-g	5.97399	1285.85	–58.55	398/553	395/553.5 B		90-trchc
	(2.36737)	(149.3)	(482)				

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
378	**C_8H_{18}**		**2,5-Dimethylhexane**				**592-13-2**
l-g	5.98112	1285.47	–58.902	285/398	270/394 A	382.26/101.325	90-trchc
l-g	5.98112	1285.47	–58.902	398/550	394/550 B		90-trchc
	(2.31513)	(1714.7)	(–1401)				
379	**C_8H_{18}**		**3,3-Dimethylhexane**				**563-16-6**
l-g	5.97403	1306.96	–55.774	286/408	272/400 A	385.12/101.325	90-trchc
l-g	5.97403	1306.96	–55.774	408/562	400/562 B		90-trchc
	(2.39488)	(144.9)	(–2353)				
380	**C_8H_{18}**		**3,4-Dimethylhexane**				**583-48-2**
l-g	6.0031	1329.4	–58.314	291/400	281/405 A		90-trchc
l-g	6.0031	1329.4	–58.314	408/569	405/568.8 B		90-trchc
	(2.50297)	(320.5)	(–18497)				
381	**C_8H_{18}**		**3-Ethylhexane**				**619-99-8**
l-g	6.01533	1327.93	–60.505	293/408	283/404 A	391.69/101.325	90-trchc
l-g	6.01533	1327.93	–60.505	408/563	404/565.4 B		90-trchc
	(2.39952)	(227.5)	(–2817)				
382	**C_8H_{18}**		**3-Ethyl-2-methylpentane**				**609-26-7**
l-g	5.9861	1317.05	–57.921	289/408	279/401 A	388.81/101.325	90-trchc
l-g	5.9861	1317.05	–57.921	408/567	401/567 B		90-trchc
	(2.38973)	(174.9)	(–4584)				
383	**C_8H_{18}**		**3-Ethyl-3-methylpentane**				**1067-08-9**
l-g	5.9895	1345.92	–53.566	290/408	280/404 A	391.42/101.325	90-trchc
l-g	5.9895	1345.92	–53.566	408/576	404/576.5 B		90-trchc
	(2.43672)	(182.8)	(–7717)				
384	**C_8H_{18}**		**2-Methylheptane**				**592-27-8**
l-g	6.60211	1610.96	–36.78	222/294	210/294 B	390.8/101.325	90-trchc
l-g	6.03877	1335.22	–59.735	294/408	294/403 A		90-trchc
l-g	6.03877	1335.22	–59.735	408/559	403/559.6 B		90-trchc
	(2.47135)	(255.1)	(–7424)				
385	**C_8H_{18}**		**3-Methylheptane**				**589-81-1**
l-g	6.39694	1519.7	–44.07	223/302	213/302 B	392.08/101.325	90-trchc
l-g	6.01533	1326.14	–61.337	302/408	302/405 A		90-trchc
l-g	6.01533	1326.14	–61.337	408/563	405/563.6 B		90-trchc
	(2.43555)	(315.6)	(–15218)				
386	**C_8H_{18}**		**4-Methylheptane**				**589-53-7**
l-g	6.02214	1325.74	–60.783	292/408	278/405 A	390.86/101.325	90-trchc
l-g	6.02214	1325.74	–60.783	408/562	405/561.7 B		90-trchc
	(2.41333)	(240.7)	(–8481)				

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
387	**C_8H_{18}**		**Octane**				**111-65-9**
l-g	6.56398	1606.62	–42.89	217/294	216.4/294 B	398.83/101.325	90-trchc
l-g	6.05075	1356.36	–63.515	298/423	294/407 A		90-trchc
l-g	6.05075	1356.36	–63.515	423/568	407/568.4 B		90-trchc
	(2.86414)	(949.2)	(–73246)				
388	**C_8H_{18}**		**2,2,3,3-Tetramethylbutane**				**594-82-1**
cr-g	6.91839	1632.6	–46.09	252/372	242/374 B	379.44/101.325	90-trchc
l-g	5.9042	1270.1	–53.65	372/406	374/416 B		90-trchc
389	**C_8H_{18}**		**2,2,3-Trimethylpentane**				**564-02-3**
l-g	5.94826	1293.94	–54.795	284/408	270/400 A	382.99/101.325	90-trchc
l-g	5.94826	1293.94	–54.795	408/563	400/563.5 B		90-trchc
	(2.45345)	(162.4)	(–5383)				
390	**C_8H_{18}**		**2,2,4-Trimethylpentane**				**540-84-1**
l-g	6.35751	1447.78	–36.53	190/272	180/272 B	372.39/101.325	90-trchc
l-g	5.93646	1257.85	–52.383	272/398	272/400 A		90-trchc
l-g	5.93646	1257.85	–52.383	398/553	400/543.9 B		90-trchc
	(2.13261)	(134.5)	(12998)				
391	**C_8H_{18}**		**2,3,3-Trimethylpentane**				**560-21-4**
l-g	5.96421	1325.81	–52.989	287/408	277/402 A	387.92/101.325	90-trchc
l-g	5.96421	1325.81	–52.989	408/573	402/573.5 B		90-trchc
	(2.3793)	(76.3)	(1851)				
392	**C_8H_{18}**		**2,3,4-Trimethylpentane**				**565-75-3**
l-g	6.35762	1507.04	–38.35	216/298	205/298 B	386.62/101.325	90-trchc
l-g	5.977	1314.31	–55.669	298/408	298/400 A		90-trchc
l-g	5.977	1314.31	–55.669	408/566	400/566.4 B		90-trchc
	(2.39574)	(169.4)	(–4867)				
393	**C_9H_8**		**Indene, (1H-indene)**				**95-13-6**
l-g	6.34410	1749.215	–52.375	297/457	290/460 B	455.57/101.325	42-bur, 61-stumcd
394	**C_9H_{10}**		**Indan**				**496-11-7**
l-g	6.11230	1577.321	–66.828	375/465	370/470 A	450.92/101.325	81-hossco-1, 78-osbsco
395	**C_9H_{10}**		**Isopropylbenzene**				**98-83-9**
l-g	7.13460	2234.172	–2.336	295/438	290/440 C	437.34/101.325	49-dremar, 83-mutmun, 47-stu
396	**C_9H_{10}**		**2-Methylstyrene**				**611-15-4**
l-g	6.27022	1624.066	–62.128	305/385	300/390 B	370.29/10	53-clewis
397	**C_9H_{10}**		**3-Methylstyrene**				**100-80-1**
l-g	6.36538	1682.941	–56.908	314/442	314/330 C, 330/445 B	442.93/101.325	49-buccol, 53-clewis

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
398	**C_9H_{10}**		**4-Methylstyrene**				**622-97-9**
l-g	6.42882	1734.008	–51.880	341/444	304/340 C, 340/445 B	443.91/101.325	49-buccol, 53-clewis
399	**C_9H_{10}**		***(Z)*-1-Phenyl-1-propene**				**766-90-5**
l-g	6.15714	1675.38	–52.4	262/334	252/334 B	452.03/101.325	89-trchc
l-g	6.69715	1998.58	–26.03	334/451	334/461 B		89-trchc
400	**C_9H_{10}**		***trans*-1-Phenylpropene**				**873-66-5**
l-g	6.58873	1915.94	–34	291/452	281/462 C	451.41/101.325	79-dykrep
401	**C_9H_{10}**		***trans*-Propenylbenzene**				**873-66-55**
l-g	6.66644	1975.102	–28.235	316/453	300/316 C, 316/453 B	452.01/101.325	47-stu
402	**C_9H_{10}**		**2-Propenylbenzene**				**300-57-2**
l-g	6.8153	1937.36	–26.15	323/455	313/465 B	428.95/101.325	89-trchc
403	**C_9H_{12}**		**(1-Methylethyl)benzene**				**98-82-8**
l-g	6.06112	1460.766	–65.32	319/454	309/453 A	425.56/101.325	95-trchc
l-g	6.06112 (2.355)	1460.766 (0)	–65.32 (0)	458/631	453/631.1 B		95-trchc
404	**C_9H_{12}**		**Bicyclo[4.3.0]nona-3,7-diene**				**3048-65-5**
l-g	6.86902	2032.115	–14.118	338/372	335/375 B	360.36/10	73-fae, 76-figvon
405	**C_9H_{12}**		***cis*-Bicyclo[4.3.0]nona-3,7-diene**				**38451-18-2**
l-g	5.98009	1457.046	–67.744	356/429	350/430 B	425.13/80	74-vardru
406	**C_9H_{12}**		**5-Ethenylbicyclo[2.2.1]hept-2-ene**				**3048-64-4**
l-g	5.78838	1279.694	–75.877	335/410	335/410 B	405.25/80	76-figvon, 74-vardru
407	**C_9H_{12}**		***cis*-5-Ethylidenebicyclo[2.2.1]hept-2-ene**				**28304-66-7**
l-g	6.06932	1450.187	-63.592	345/415	340/420 A	411.67/80	74-vardru
408	**C_9H_{12}**		***trans*-5-Ethylidenebicyclo[2.2.1]hept-2-ene**				**28304-67-8**
l-g	6.07465	1456.128	–63.828	347/416	345/420 A	412.89/80	74-vardru
409	**C_9H_{12}**		**mix *cis* + *trans*-5-Ethylidenebicyclo[2.2.1]hept-2-ene**				**16219-75-3**
l-g	9.53792	4466.470	174.373	343/392	343/392 C	379.72/30	73-fae
410	**C_9H_{12}**		**1-Ethyl-2-methylbenzene**				**611-14-3**
l-g	5.70361	1542.586	–64.98	350/510	340/520 B	438.33/101.325	95-trchc
411	**C_9H_{12}**		**1-Ethyl-3-methylbenzene**				**620-14-4**
l-g	5.71937	1538.484	–63.54	350/506	340/515 A	434.48/101.325	95-trchc
412	**C_9H_{12}**		**1-Ethyl-4-methylbenzene**				**622-96-8**
l-g	6.10862	1517.577	–65.25	330/464	314/463 A	435.17/101.325	95-trchc
l-g	6.10862 (2.41707)	1517.577 (974.37)	–65.25 (–87835)	468/640	463/640.2 B		95-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
413	**C_9H_{12}**		**Propylbenzene**				**103-65-1**
l-g	6.07664	1491.8	–65.9	324/455	314/461 A	432.39/101.325	95-trchc
l-g	6.07664	1491.8	–65.9	463/638	461/638.3 B		95-trchc
	(2.1958)	(0)	(0)				
414	**C_9H_{12}**		**1,2,3-Trimethylbenzene**				**526-73-8**
l-g	6.1711	1598.241	–65.53	338/479	328/479 A	449.27/101.325	95-trchc
l-g	6.1711	1598.24	–65.53	485/664	479/664.4 B		95-trchc
	(2.1129)	(0)	(0)				
415	**C_9H_{12}**		**1,2,4-Trimethylbenzene**				**95-63-6**
l-g	6.17692	1579.353	–63.86	333/471	315/471 A	442.53/101.325	95-trchc
l-g	6.17692	1579.353	–63.86	473/649	471/649.1 B		95-trchc
	(2.2058)	(0)	(0)				
416	**C_9H_{12}**		**1,3,5-Trimethylbenzene**				**108-67-8**
l-g	6.22541	1581.36	–63.14	330/466	320/466 A	437.89/101.325	95-trchc
l-g	6.22541	1581.36	–63.14	468/637	466/637.2 B		95-trchc
	(2.0604)	(0)	(0)				
417	**C_9H_{14}**		**2-Methylbicyclo[2.2.2]-oct-2-ene**				**4893-13-4**
l-g	6.06016	1468.821	–61.620	363/402	360/410 A	398.30/50	74-vardru-2
418	**C_9H_{14}**		**2-Vinylbicyclo[2.2.1]-heptane**				**2146-39-6**
l-g	4.75393	823.616	–130.378	350/385	350/385 C	381.72/30	73-fae
419	**C_9H_{16}**		***cis*-Bicyclo[6.1.0]nonane**				**13757-43-2**
l-g	8.290	2631.1	0.000	297/391	295/393 C	346.61/5	70-chamcn Note 2
420	**C_9H_{16}**		**1-Butylcyclopentene**				**2423-01-0**
l-g	5.99074	1410.909	–76.065	366/430	330/440 B	430.12/101.325	86-eiselv, 79-elvots, 88-kirvin
421	**C_9H_{16}**		**3-Butylcyclopentene**				**22511-00-8**
l-g	6.10287	1487.033	–62.076	360/425	320/440 B	425.02/101.325	86-eiselv, 79-elvots
422	**C_9H_{16}**		**1,4-Dimethylbicyclo-[2.2.1]-heptane**				**20454-81-3**
l-g	5.88793	1312.995	–59.592	328/393	320/400 A	389.090/80	70-varbel
423	**C_9H_{16}**		***trans*-2,3-Dimethylbicyclo-[2.2.1]-heptane**				**20558-16-1**
l-g	5.97579	1408.256	–61.658	345/410	340/415 A	407.44/101.325	70-varbel
424	**C_9H_{16}**		**2-Ethylbicyclo[2.2.1]-heptane**				**2146-41-0**
l-g	9.78836	4305.361	134.971	349/396	340/400 C	383.046/30	73-fae
425	**C_9H_{16}**		***cis*-Hexahydroindane**				**4551-51-3**
l-g	6.38029	1719.755	–45.703	263/367	263/375 B	365.34/10	72-finmcc
l-g	5.98394	1491.349	-66.102	365/463	365/465 A	440.98/101.325	55-camros, 72-finmcc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
426	**C_9H_{16}**		***trans*-Hexahydroindane**				**3296-50-2**
l-g	6.34040	1677.989	–45.252	262/363	262/363 B	359.46/10	55-camros, 72-finmcc
l-g	5.98118	1472.509	–63.819	361/479	369/479 A	434.22/101.325	55-camros, 72-finmcc
427	**C_9H_{16}**		**1-Nonyne**				**3452-09-3**
l-g	6.29813	1568.193	–58.622	362/424	340/430 B	423.96/101.325	86-eiselv, 79-elvots, 89-kudgri, 89-simgri
428	**C_9H_{16}**		**2-Nonyne**				**19447-29-1**
l-g	5.91046	1328.559	–94.215	371/435	345/440 B	434.46/101.325	86-eiselv
429	**C_9H_{16}**		**3-Nonyne**				**20184-89-8**
l-g	6.24532	1537.677	–67.094	368/430	340/365 B, 365/435 A	429.79/101.325	86-eiselv, 79-elvots
430	**C_9H_{16}**		**4-Nonyne**				**20184-91-2**
l-g	6.36301	1607.766	–59.247	366/429	350/373 B, 373/430 A	428.23/101.325	86-eiselv, 79-elvots
431	**C_9H_{18}**		**Butylcyclopentane**				**2040-95-1**
l-g	8.20265	2333.762	–52.856	354/405	354/389 A	376.87/10	65-mestod
l-g	8.16137	2307.296	–54.680	385/440	385/440 A	429.51/101.325	65-mestod
432	**C_9H_{18}**		**(1-Methylpropyl)cyclo-pentane**				**4850-32-2**
l-g	5.79828	1363.43	–68	427.5/427.5	407/437 C	427.5/101.325	87-trcsp
433	**C_9H_{18}**		**(2-Methylpropyl)cyclo-pentane**				**3788-32-7**
l-g	4.04075	722.64	–66	421.1/421.1	401/431 C	421.1/101.325	87-trcsp
434	**C_9H_{18}**		**1-Dimethyl-2-ethyl-1-cyclopentane**				**54549-80-3**
l-g	5.71918	1285.42	–65	411.15/411.15	391/421 C	411.15/101.325	87-trcsp
435	**C_9H_{18}**		***r*-1-Ethyl-*c*-2, *t*-3-dimethylcyclopentane**				**18469-75-5**
l-g	5.69994	1304.61	–65	418.15/418.15	398/428 C	418.15/101.325	87-trcsp
436	**C_9H_{18}**		**(1.α., 2.β., 3.α.)-1-Ethyl-2,3-dimethylcyclopentane**				**18409-31-9**
l-g	5.68837	1274.75	–65	411.15/411	391/421.15 C	411.15/101.325	87-trcsp
437	**C_9H_{18}**		**(1.α., 2.β., 3.β.)-1-Ethyl-2,3-dimethylcyclopentane**				**18469-76-6**
l-g	5.69994	1304.61	–65	418.15/418.15	398/428 C	418.15/101.325	87-trcsp
438	**C_9H_{18}**		**(1.α., 2.β., 4.β.)-1-Ethyl-2,4-dimethylcyclopentane**				**6864-42-2**
l-g	5.68668	1270.48	–65	410.15/410.15	390/420 C	410.15/101.325	87-trcsp
439	**C_9H_{18}**		***r*-1-Ethyl-*c*-2, *c*-4-dimethylcyclopentane**				**2532-63-0**
l-g	5.69994	1304.61	–65	418.15/418.15	398/428 C	418.15/101.325	87-trcsp
440	**C_9H_{18}**		***r*-1-Ethyl-*c*-2, *t*-4-dimethylcyclopentane**				**2532-62-9**
l-g	5.69994	1304.61	–65	418.15/418.15	398/428 C	418.15/101.325	87-trcsp
441	**C_9H_{18}**		***r*-1-Ethyl-*t*-2, *c*-4-dimethylcyclopentane**				**2532-61-8**
l-g	5.68668	1270.48	–65	410.15/410.15	390/420 C	410.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
442	**C_9H_{18}**		**(1.α., 2.α., 3.α.)-2-Ethyl-1,3-dimethylcyclopentane**				**19903-00-5**
l-g	5.68027	1312.37	–68	425.15/425.15	405/435 C	425.15/101.325	87-trcsp
443	**C_9H_{18}**		**(1.α., 2.α., 3.β.)-2-Ethyl-1,3-dimethylcyclopentane**				**19902-99-9**
l-g	5.69831	1300.35	–65	417.15/417.15	397/427 C	417.15/101.325	87-trcsp
444	**C_9H_{18}**		***t*-2-Ethyl-*r*-1, *c*-3-dimethylcyclopentane**				**19902-98-8**
l-g	5.68668	1270.48	–65	410.15/410.15	390/420 C	410.15/101.325	87-trcsp
445	**C_9H_{18}**		**3-Ethyl-1,1-dimethylcyclopentane**				**62016-61-9**
l-g	5.71233	1268.22	–65	407.15/407.15	387/417 C	407.15/101.325	87-trcsp
446	**C_9H_{18}**		***c*-4-Ethyl-*r*-1, *c*-2-dimethylcyclopentane**				**62016-64-2**
l-g	5.70318	1313.15	–65	420.15/420.15	400/430 C	420.15/101.325	87-trcsp
447	**C_9H_{18}**		***c*-4-Ethyl-*r*-1, *t*-2-dimethylcyclopentane**				**62016-66-4**
l-g	5.69171	1283.28	–65	413.15/413.15	393/423 C	413.15/101.325	87-trcsp
448	**C_9H_{18}**		***t*-4-Ethyl-*r*-1, *c*-2-dimethylcyclopentane**				**62016-65-3**
l-g	5.70318	1313.15	–65	420.15/420.15	400/430 C	420.15/101.325	87-trcsp
449	**C_9H_{18}**		**1-Ethyl-1-methylcyclohexane**				**4926-90-3**
l-g	5.8636	1397.17	–63.15	314/455	304/465 B	425.31/101.325	91-trchc
450	**C_9H_{18}**		***cis*-1-Ethyl-2-methylcyclohexane**				**4923-77-7**
l-g	6.0666	1486.7	–63.15	321/458	314/468 B	429.25/101.325	91-trchc
451	**C_9H_{18}**		***trans*-1-Ethyl-2-methylcyclohexane**				**4923-78-8**
l-g	6.0594	1466.21	–63.15	318/453	308/463 B	424.85/101.325	91-trchc
452	**C_9H_{18}**		***cis*-1-Ethyl-3-methylcyclohexane**				**19489-10-2**
l-g	6.00945	1440.904	–61.689	348/465	340/465 A	421.58/101.325	70-dou
453	**C_9H_{18}**		***trans*-1-Ethyl-3-methylcyclohexane**				**4926-76-5**
l-g	6.0592	1465.75	–63.15	318/453	308/463 B	424.15/101.325	91-trchc
454	**C_9H_{18}**		***cis*-1-Ethyl-4-methylcyclohexane**				**4926-78-7**
l-g	6.063	1476.9	–63.15	319/456	309/466 B	424.15/101.325	91-trchc
455	**C_9H_{18}**		***trans*-1-Ethyl-4-methylcyclohexane**				**6236-88-0**
l-g	6.043	1421.1	–63.15	310/443	302/453 C	415.1/101.325	91-trchc
456	**C_9H_{18}**		**Isopropylcyclohexane**				**696-29-7**
l-g	5.99323	1450.286	–63.992	343/429	335/435 A	427.70/101.325	49-fornor, 74-osbdou
457	**C_9H_{18}**		**2-Methyl-1-octene**				**4588-18-5**
l-g	5.84867	1344.26	–68	417.8/417.8	397/427 C	417.8/101.325	87-trcsp
458	**C_9H_{18}**		**1-Methyl-1-(1-methylethyl)cyclo-pentane**				**61828-00-0**
l-g	5.76922	1336.61	–66	421.15/421.15	401/431 C	421.15/101.325	87-trcsp
459	**C_9H_{18}**		***cis*-1-Methyl-2-(1-methylethyl)cyclo-pentane**				**61868-01-7**
l-g	5.73835	1325.65	–66	421.15/421.15	401/431 C	421.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
460	**C_9H_{18}**		***trans*-1-Methyl-2-(1-methylethyl)cyclo-pentane**				**61828-01-1**
l-g	5.72663	1295.43	–66	414.15/414.15	394/424 C	414.15/101.325	87-trcsp
461	**C_9H_{18}**		***cis*-1-Methyl-3-(1-methylethyl)cyclo-pentane**				**61828-02-2**
l-g	5.72833	1299.75	–66	415.15/415.15	395/425 C	415.15/101.325	87-trcsp
462	**C_9H_{18}**		***trans*-1-Methyl-3-(1-methylethyl)cyclo-pentane**				**61828-03-3**
l-g	5.72833	1299.75	–66	415.15/415.15	395/425 C	415.15/101.325	87-trcsp
463	**C_9H_{18}**		**1-Methyl-1-propylcyclopentane**				**16631-63-3**
l-g	5.79244	1337.28	–66	419.15/419.15	399/429 C	419.15/101.325	87-trcsp
464	**C_9H_{18}**		***cis*-1-Methyl-2-propylcyclopentane**				**932-43-4**
l-g	5.76197	1347.48	–67	425.73/425.73	405/435 C	425.73/101.325	87-trcsp
465	**C_9H_{18}**		***trans*-1-Methyl-2-propylcyclopentane**				**932-44-5**
l-g	5.76222	1328	–66	419.52/419.52	399/429 C	419.52/101.325	87-trcsp
466	**C_9H_{18}**		***cis*-1-Methyl-3-propylcyclopentane**				**2443-04-1**
l-g	5.76493	1335.08	–66	421.15/421.15	401/431 C	421.15/101.325	87-trcsp
467	**C_9H_{18}**		***trans*-1-Methyl-3-propylcyclopentane**				**2443-03-0**
l-g	5.76493	1335.08	–66	421.15/421.15	401/431 C	421.15/101.325	87-trcsp
468	**C_9H_{18}**		**1-Nonene**				**124-11-8**
l-g	6.77215	1776.55	–41.25	202/312	192/322 C	420.03/101.325	86-trchc
l-g	6.0792	1436.2	–67.46	312/438	302/430 B		86-trchc
l-g	6.0792	1436.2	–67.46	438/593	430/593.2 B		86-trchc
	(2.609)	(655.8)	(–55549)				
469	**C_9H_{18}**		***cis*-2-Nonene**				**6434-77-1**
l-g	6.05276	1429.520	–70.682	379/425	345/425 B	423.91/101.325	86-eiselv, 74-micelw
470	**C_9H_{18}**		***trans*-2-Nonene**				**6434-78-2**
l-g	6.03851	1410.144	–73.521	379/422	345/425 B	423.19/101.325	86-eiselv, 74-micelw
471	**C_9H_{18}**		***cis*-3-Nonene**				**20237-46-1**
l-g	6.04913	1422.080	–69.390	377/421	345/425 B	421.09/101.325	86-eiselv, 74-micelw
472	**C_9H_{18}**		***trans*-3-Nonene**				**20063-92-7**
l-g	6.06699	1424.239	–70.605	377/420	345/425 B	421.29/101.325	86-eiselv, 74-micelw
473	**C_9H_{18}**		***cis*-4-Nonene**				**10405-84-2**
l-g	6.05496	1427.676	–67.940	357/421	345/425 B	420.52/101.325	86-eiselv, 74-micelw
474	**C_9H_{18}**		***trans*-4-Nonene**				**10405-85-3**
l-g	6.05658	1419.818	–70.374	358/420	345/425 B	420.87/101.325	86-eiselv, 74-micelw
475	**C_9H_{18}**		**Propylcyclohexane**				**1678-92-8**
l-g	6.01632	1463.39	–64.985	321/459	306/474 A	429.86/101.325	92-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
476	**C_9H_{18}**		**1,1,2,2-Tetramethyl-cyclopentane**				**52688-89-8**
l-g	5.6711	1250.44	–65	406.15/406.15	386/416 C	406.15/101.325	87-trcsp
477	**C_9H_{18}**		***cis*-1,1,2,3-Tetramethyl-cyclopentane**				**62016-69-7**
l-g	5.64877	1261.04	–65	411.15/411.15	391/421 C	411.15/101.325	87-trcsp
478	**C_9H_{18}**		***trans*-1,1,2,3-Tetramethyl-cyclopentane**				**62016-70-0**
l-g	5.64593	1234.58	–64	403.15/403.15	383/413 C	403.15/101.325	87-trcsp
479	**C_9H_{18}**		***cis*-1,1,2,4-Tetramethyl-cyclopentane**				**62016-71-1**
l-g	5.64593	1234.58	–64	403.15/403.15	383/413 C	403.15/101.325	87-trcsp
480	**C_9H_{18}**		***trans*-1,1,2,4-Tetramethyl-cyclopentane**				**62016-72-2**
l-g	5.64593	1234.58	–64	403.15/403.15	383/413 C	403.15/101.325	87-trcsp
481	**C_9H_{18}**		***cis*-1,1,2,5-Tetramethyl-cyclopentane**				**18938-68-6**
l-g	5.65929	1268.34	–64	411.15/411.15	391/421 C	411.15/101.325	87-trcsp
482	**C_9H_{18}**		**1,1,3,3-Tetramethyl-cyclopentane**				**50876-33-0**
l-g	5.67771	1208.49	–62	391.11/391.11	371/401 C	391.11/101.325	87-trcsp
483	**C_9H_{18}**		***cis*-1,1,3,4-Tetramethyl-cyclopentane**				**53907-60-1**
l-g	5.651	1247.23	–64	406.15/406.15	386/416 C	406.15/101.325	87-trcsp
484	**C_9H_{18}**		***trans*-1,1,3,4-Tetramethyl-cyclopentane**				**20309-77-7**
l-g	5.64227	1206.43	–63	394.75/394.75	374/404 C	394.75/101.325	87-trcsp
485	**C_9H_{18}**		***trans*-1,2,2,3-Tetramethyl-cyclopentane**				**62016-73-3**
l-g	5.65929	1268.34	–64	411.15/411.15	391/421 C	411.15/101.325	87-trcsp
486	**C_9H_{18}**		***r*-1, *c*-2, *c*-3, *c*-4-Tetramethyl-cyclopentane**				**2532-65-2**
l-g	5.62931	1279.67	–65	418.15/418.15	398/428 C	418.15/101.325	87-trcsp
487	**C_9H_{18}**		***r*-1, *c*-2, *c*-3, *t*-4-Tetramethyl-cyclopentane**				**2532-69-6**
l-g	5.61795	1250.37	–65	411.15/411.15	391/421 C	411.15/101.325	87-trcsp
488	**C_9H_{18}**		***r*-1, *c*-2, *t*-3, *c*-4-Tetramethyl-cyclopentane**				**2532-68-5**
l-g	5.6062	1221.1	–65	404.15/404.15	384/414 C	404.15/101.325	87-trcsp
489	**C_9H_{18}**		***r*-1, *c*-2, *t*-3, *t*-4-Tetramethyl-cyclopentane**				**2532-64-1**
l-g	5.61795	1250.37	–65	411.15/411.15	391/421 C	411.15/101.325	87-trcsp
490	**C_9H_{18}**		***r*-1, *t*-2, *c*-3, *t*-4-Tetramethyl-cyclopentane**				**2532-67-4**
l-g	5.6	1206.06	–65	400.55/400.55	380/410 C	400.55/101.325	87-trcsp
491	**C_9H_{18}**		**(1.α., 2.β., 3.β., 4.)-1,2,3,4-Tetramethyl-cyclopentane**				**19907-40-5**
l-g	5.6062	1221.1	–65	404.15/404.15	384/414 C	404.15/101.325	87-trcsp
492	**C_9H_{18}**		**1,1,2-Trimethylcyclohexane**				**7094-26-0**
l-g	5.873	1396.2	–58.15	309/449	299/459 B	418.35/101.325	91-trchc
493	**C_9H_{18}**		**1,1,3-Trimethylcyclohexane**				**3073-66-3**
l-g	5.96655	1395.926	–57.310	327/411	325/415 A	409.74/101.325	49-fornor
494	**C_9H_{18}**		**1,1,4-Trimethylcyclohexane**				**7094-27-1**
l-g	5.857	1347.8	–58.15	301/437	291/447 B	408.15/101.325	91-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
495	**C_9H_{18}**		***r*-1, *c*-2, *c*-3-Trimethylcyclohexane**				**1839-88-9**
l-g	6.2169	1690.4	–23.15	309/455	301/463 C	426.15/101.325	91-trchc
496	**C_9H_{18}**		***r*-1, *c*-2, *t*-3-Trimethylcyclohexane**				**7667-55-2**
l-g	6.217	1688.6	–23.15	308/454	300/464 C	424.15/101.325	91-trchc
497	**C_9H_{18}**		***r*-1, *t*-2, *c*-3-Trimethylcyclohexane**				**1678-81-5**
l-g	6.2135	1664.6	–23.15	304/448	294/458 B	417.15/101.325	91-trchc
498	**C_9H_{18}**		***r*-1, *c*-2, *c*-4-Trimethylcyclohexane**				**1678-80-4**
l-g	6.214	1666.4	–23.15	305/449	295/459 B	421.15/101.325	91-trchc
499	**C_9H_{18}**		***r*-1, *c*-2, *t*-4-Trimethylcyclohexane**				**7667-58-5**
l-g	6.215	1675.3	–23.15	306/451	298/461 C	421.15/101.325	91-trchc
500	**C_9H_{18}**		***r*-1, *t*-2, *c*-4-Trimethylcyclohexane**				**7667-59-6**
l-g	6.213	1662	–23.15	304/448	296/456 D	418.15/101.325	91-trchc
501	**C_9H_{18}**		***r*-1, *t*-2, *t*-4-Trimethylcyclohexane**				**7667-60-9**
l-g	6.2109	1645.2	–23.15	301/444	291/454 B	414.37/101.325	91-trchc
502	**C_9H_{18}**		***cis*-1,3,5-Trimethylcyclohexane**				**1795-27-3**
l-g	7.78963	2645.142	49.728	318/343	315/340 A, 340/350 B	339.86/10	59-dykrow
503	**C_9H_{18}**		***r*-1, *c*-3, *t*-5-trimethylcyclohexane**				**1795-26-2**
l-g	6.2105	1642	–23.15	301/443	294/451 D	414.37/101.325	91-trchc
504	**C_9H_{20}**		**3,3-Diethylpentane**				**1067-20-5**
l-g	6.9012	1910.14	–21.9	241/308	240/308 B	419.34/101.325	89-trchc
l-g	6.02359	1455.75	–57.018	308/448	308/458 B		89-trchc
505	**C_9H_{20}**		**2,2-Dimethylheptane**				**1071-26-7**
l-g	5.9553	1346.1	–65.15	303/433	293/443 B	405.97/101.325	89-trchc
506	**C_9H_{20}**		**2,3-Dimethylheptane**				**3074-71-3**
l-g	6.0257	1401	–65.15	310/441	302/449 C	413.65/101.325	89-trchc
507	**C_9H_{20}**		**2,4-Dimethylheptane**				**2213-23-2**
l-g	6.0122	1367	–65.15	304/433	294/443 C	406.35/101.325	89-trchc
508	**C_9H_{20}**		**2,5-Dimethylheptane**				**2216-30-0**
l-g	6.0177	1380	–65.15	306/436	296/446 C	409.15/101.325	89-trchc
509	**C_9H_{20}**		**2,6-Dimethylheptane**				**1072-05-5**
l-g	6.0159	1376.4	–65.15	306/436	296/446 B	408.37/101.325	89-trchc
510	**C_9H_{20}**		**3,3-Dimethylheptane**				**4032-86-4**
l-g	5.9631	1365.4	–65.15	306/438	296/448 B	410.17/101.325	89-trchc
511	**C_9H_{20}**		**3,4-Dimethylheptane**				**922-28-1**
l-g	6.0255	1400.5	–65.15	310/441	300/451 B	413.55/101.325	89-trchc
512	**C_9H_{20}**		**3 5-Dimethylheptane**				**926-82-9**
l-g	6.0168	1378.6	–65.15	306/436	296/446 B	408.85/101.325	89-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
513	**C_9H_{20}**		**4,4-Dimethylheptane**				**1068-19-5**
l-g	5.961	1360.2	–65.15	305/437	295/447 B	408.05/101.325	89-trchc
514	**C_9H_{20}**		**3-Ethyl-2,2-dimethylpentane**				**16747-32-3**
l-g	5.9735	1380.2	–59.15	302/435	292/445 B	406.99/101.325	89-trchc
515	**C_9H_{20}**		**3-Ethyl-2,3-dimethylpentane**				**16747-33-4**
l-g	6.0484	1450.1	–59.15	311/446	301/456 B	417.85/101.325	89-trchc
516	**C_9H_{20}**		**3-Ethyl-2,4-dimethylpentane**				**1068-87-7**
l-g	6.0355	1413.4	–59.15	305/437	295/447 B	409.88/101.325	89-trchc
517	**C_9H_{20}**		**3-Ethylheptane**				**15869-80-4**
l-g	6.0597	1415.7	–67.15	313/444	303/454 B	416.35/101.325	89-trchc
518	**C_9H_{20}**		**4-Ethylheptane**				**2216-32-2**
l-g	6.0559	1406.2	–67.15	311/442	301/452 B	414.35/101.325	89-trchc
519	**C_9H_{20}**		**3-Ethyl-2-methylhexane**				**16789-46-1**
l-g	6.0327	1397.4	–64.15	308/438	298/448 B	411.15/101.325	89-trchc
520	**C_9H_{20}**		**3-Ethyl-3-methylhexane**				**3074-76-8**
l-g	5.9809	1389.7	–64.15	309/442	299/452 B	413.75/101.325	89-trchc
521	**C_9H_{20}**		**3-Ethyl-4-methylhexane**				**3074-77-9**
l-g	6.037	1408.5	–64.15	310/441	300/451 B	413.55/101.325	89-trchc
522	**C_9H_{20}**		**4-Ethyl-2-methylhexane**				**3074-75-7**
l-g	6.025	1377.8	–64.15	305/434	295/444 B	406.95/101.325	89-trchc
523	**C_9H_{20}**		**2-Methyloctane**				**3221-61-2**
l-g	6.0366	1399.9	–69.15	313/444	303/454 B	416.43/101.325	89-trchc
524	**C_9H_{20}**		**3-Methyloctane**				**2216-33-3**
l-g	6.0385	1404.3	–69.15	314/445	304/455 B	417.38/101.325	89-trchc
525	**C_9H_{20}**		**4-Methyloctane**				**2216-34-4**
l-g	6.035	1395.9	–69.15	312/443	302/453 B	415.59/101.325	89-trchc
526	**C_9H_{20}**		**Nonane**				**111-84-2**
l-g	9.2671	3131.8	29.7	221/315	219.7/315 B	423.97/101.325	89-trchc
l-g	6.07356	1438.03	–70.456	315/449	315/438 A		89-trchc
l-g	6.06383	1431.82	–71.139	448/593	438/593.6 B		74-trchc
	(1.8857)	(0)	(0)				
527	**C_9H_{20}**		**2,2,3,3-Tetramethylpentane**				**7154-79-2**
l-g	5.95319	1397.69	–59.37	306/442	296/452 B	413.44/101.325	89-trchc
528	**C_9H_{20}**		**2,2,3,4-Tetramethylpentane**				**1186-53-4**
l-g	5.95552	1373.79	–58.37	301/434	291/444 B	406.18/101.325	89-trchc
529	**C_9H_{20}**		**2,2,4,4-Tetramethylpentane**				**1070-87-7**
l-g	5.92055	1324.65	–57.07	293/423	283/433 B	395.44/101.325	89-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
530	**C_9H_{20}**		**2,3,3,4-Tetramethylpentane**				**16747-38-9**
l-g	5.99105	1422.03	–57.894	308/443	298/453 B	414.71/101.325	89-trchc
531	**C_9H_{20}**		**2,2,3-Trimethylhexane**				**16747-25-4**
l-g	6.4275	1598.51	–42.18	191/299	181/299 B	406.73/101.325	89-trchc
l-g	5.9274	1347.4	–63.15	299/435	299/445 B		89-trchc
532	**C_9H_{20}**		**2,2,4-Trimethylhexane**				**16747-26-5**
l-g	6.3288	1534.36	–42.53	187/293	177/293 C	399.69/101.325	89-trchc
l-g	5.9147	1315.5	–63.15	293/427	293/437 B		89-trchc
533	**C_9H_{20}**		**2,2,5-Trimethylhexane**				**3522-94-9**
l-g	6.2358	1464.88	–49.46	188/293	178/293 C	397.24/101.325	89-trchc
l-g	5.97372	1332.86	–61.34	293/424	293/434 B		89-trchc
534	**C_9H_{20}**		**2,3,3-Trimethylhexane**				**16747-28-7**
l-g	5.9572	1381.8	–61.15	305/439	295/449 B	410.84/101.325	89-trchc
535	**C_9H_{20}**		**2,3,4-Trimethylhexane**				**921-47-1**
l-g	6.0163	1407.5	–61.15	307/440	297/450 B	412.11/101.325	89-trchc
536	**C_9H_{20}**		**2,3,5-Trimethylhexane**				**1069-53-0**
l-g	6.0148	1380.6	–60.15	302/432	292/442 B	404.51/101.325	89-trchc
537	**C_9H_{20}**		**2,4,4-Trimethylhexane**				**16747-30-1**
l-g	5.97755	1369.84	–58.92	300/431	290/441 B	403.81/101.325	89-trchc
538	**C_9H_{20}**		**3,3,4-Trimethylhexane**				**16747-31-2**
l-g	5.9984	1451.2	–59.15	314/451	304/461 B	422.6/101.325	89-trchc

2.3 Hydrocarbons, C_{10} to C_{11}

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
539	**$C_{10}H_8$**		**Azulene**				**275-51-4**
l-g	5.21567	1329.911	–121.182	373/423	373/430 A	415.63/5	77-meygen
cr-g	5.51599	1231.12	–152.095	293/373	292/372 C	341.03/0.1	62-baugue
540	**$C_{10}H_8$**		**Naphthalene**				**91-20-3**
cr-g	8.70592	2619.91	–52.5	310/353	300/353.4 C	491.09/101.325	79-ambewi/ trchc/sav1
l-g	6.13555	1733.71	–71.291	368/523	353.4/420 A		83-ambewi/ trchc/sav1
l-g	6.13398	1735.26	–70.82	418/613	420/625 A		90-ambewi/ trchc/sav1
541	**$C_{10}H_{10}$**		**Bicyclopentadienyle**				**51900-21-3**
l-g	7.365	1705	0.000	203/253	203/255 C, 255/318 D	318.14/101.325	84-barbae Note 2
542	**$C_{10}H_{10}$**		**1,3-Divinylbenzene**				**108-57-6**
l-g	6.38228	2101.728	–3.477	385/484	380/485 B	483.70/101.325	49-dremar, 49-dreshr
543	**$C_{10}H_{10}$**		**1-Methylindene**				**767-59-9**
l-g	4.8609	1346.6	–110	471.65/471.65	451/481 C	471.65/101.325	87-trcsp
544	**$C_{10}H_{10}$**		**2-Methylindene**				**2177-47-1**
l-g	7.19651	1833.13	–105	458.15/458.15	438/468 C	458.15/101.325	87-trcsp
545	**$C_{10}H_{10}$**		**7-Methylindene**				**7372-92-1**
l-g	7.13367	1882.73	–115	482.15/482.15	462/492 C	482.15/101.325	87-trcsp
546	**$C_{10}H_{10}$**		**3-Methyl-1H-indene**				**767-60-2**
l-g	7.12192	1860.51	–115	478.65/478.65	458/488 C	478.65/101.325	87-trcsp
547	**$C_{10}H_{10}$**		**4-Methyl-1H-indene**				**7344-34-5**
l-g	7.13367	1882.73	–115	482.15/482.15	462/492 C	482.15/101.325	87-trcsp
548	**$C_{10}H_{10}$**		**5-Methyl-1H-indene**				**7480-80-0**
l-g	7.12698	1870.03	–115	480.15/480.15	460/490 C	480.15/101.325	87-trcsp
549	**$C_{10}H_{10}$**		**6-Methyl-1H-indene**				**20232-11-5**
l-g	7.12698	1870.03	–115	480.15/480.15	460/490 C	480.15/101.325	87-trcsp
550	**$C_{10}H_{12}$**		**2-Benzylidenepropane**				**768-49-0**
l-g	6.0234	1579.19	–68	461.06/461.06	441/471 C	461.06/101.325	87-trcsp
551	**$C_{10}H_{12}$**		***endo*-Dicyclopentadiene**				**1755-01-7**
l-g	13.66210	10341.626	445.040	313/422	313/334 D, 334/425 C	371.70/10	76-figvon, 85-howswi, 68-turhul
552	**$C_{10}H_{12}$**		**2,4-Dimethylstyrene**				**2234-20-0**
l-g	6.67255	2053.299	–35.283	307/451	305/476 B	475.26/101.325	47-stu

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
553	**$C_{10}H_{12}$**		**2,5-Dimethylstyrene**				**2039-89-6**
l-g	6.55236	1926.333	–42.713	302/467	300/345 B, 345/470 C	466.40/101.325	47-stu
554	**$C_{10}H_{12}$**		**2-Ethylstyrene**				**7564-63-8**
l-g	6.24557	1668.349	–67.012	372/461	370/380 B, 380/465 A	460.50/101.325	49-dremar, 49-dreshr
555	**$C_{10}H_{12}$**		**3-Ethylstyrene**				**7525-62-4**
l-g	6.56103	1902.706	–45.518	341/463	340/465 B	463.21/101.325	49-dremar, 49-dreshr, 47-stu
556	**$C_{10}H_{12}$**		**4-Ethylstyrene**				**3454-07-7**
l-g	7.66794	2860.812	40.023	300/465	300/470 B	465.22/101.325	49-dremar, 49-dreshr, 47-stu
557	**$C_{10}H_{12}$**		**2-Isopropenyltoluene**				**7399-49-7**
l-g	5.96036	1500.19	–66	445.35/445.35	425/455 C	445.35/101.325	87-trcsp
558	**$C_{10}H_{12}$**		**3-Isopropenyltoluene**				**1124-20-5**
l-g	5.95932	1542.5	–68	458.15/458.15	438/468 C	458.15/101.325	87-trcsp
559	**$C_{10}H_{12}$**		***p*-Isopropenyltoluene**				**1195-32-0**
l-g	5.96082	1547.04	–68	459.15/459.15	439/469 C	459.15/101.325	87-trcsp
560	**$C_{10}H_{12}$**		**1-Methylindan**				**767-58-8**
l-g	5.99334	1570.12	–70	463.75/463.75	443/473 C	463.75/101.325	87-trcsp
561	**$C_{10}H_{12}$**		**2-Methylindan**				**824-63-5**
l-g	5.99456	1573.8	–70	464.55/464.55	444/474 C	464.55/101.325	87-trcsp
562	**$C_{10}H_{12}$**		**4-Methylindan**				**824-22-6**
l-g	6.02261	1641.5	–70	478.65/478.65	458/488 C	478.65/101.325	87-trcsp
563	**$C_{10}H_{12}$**		**5-Methylindan**				**874-35-1**
l-g	6.01754	1625.39	–70	475.15/475.15	455/485 C	475.15/101.325	87-trcsp
564	**$C_{10}H_{12}$**		**(*Z*)-1-Phenyl-1-butene**				**1560-09-4**
l-g	6.02115	1574.65	–70	462.15/462.15	442/472 C	462.15/101.325	87-trcsp
565	**$C_{10}H_{12}$**		***(E)*-1-Phenyl-1-butene**				**1005-64-7**
l-g	6.03585	1619.43	–70	471.83/471.83	451/481 C	471.83/101.325	87-trcsp
566	**$C_{10}H_{12}$**		**2-Phenyl-1-butene**				**2039-93-2**
l-g	6.01874	1553.64	–68	455.15/455.15	435/465 C	455.15/101.325	87-trcsp
567	**$C_{10}H_{12}$**		***(E)*-2-Phenyl-2-butene**				**768-00-3**
l-g	6.01334	1594.43	–70	467.85/467.85	447/477 C	467.15/101.325	87-trcsp
568	**$C_{10}H_{12}$**		***(Z)*-2-Phenyl-2-butene**				**767-99-7**
l-g	6.01334	1594.43	–90.7	447.15/447.15	437/457 C	447.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
569	**$C_{10}H_{12}$**		**Tetrahydro-naphthalene**				**119-64-2**
l-g	6.42683	1876.823	–55.019	308/437	305/434 C	400.86/10	90-cabbel,
					84-kathar, 82-katwat, 86-krelam, 80-nashwa, 89-sakiwa-3		
l-g	5.92319	1511.646	–94.199	428/550	434/536 C	480.07/101.325	81-karsun,
					84-kathar, 82-katwat, 86-krelam, 92-leedem, 80-nashwa, 88-nieyes-1, 77-simlaw		
l-g	6.68706	2303.049	14.249	539/662	536/664 C	610.38/1000	81-karsun,
						92-leedem, 88-nieyes-1,77-simlaw	
570	**$C_{10}H_{12}$**		***cis*-1-*p*-Tolylpropene**				**2077-29-4**
l-g	4.18403	869.47	–70	469.15/469.15	449/479 C	469.15/101.325	87-trcsp
571	**$C_{10}H_{12}$**		***trans*-1-*p*-Tolylpropene**				**2077-30-7**
l-g	4.18806	881.99	–70	474.15/474.15	454/484 C	474.15/101.325	87-trcsp
572	**$C_{10}H_{14}$**		**Butylbenzene**				**104-51-8**
l-g	6.42395	1785.05	–51.55	218/335	210/337 C	456.42/101.325	96-trchc
l-g	6.10345	1575.47	-71.95	343/486	337/500 A		96-trchc
573	**$C_{10}H_{14}$**		**1,2-Diethylbenzene**				**135-01-3**
l-g	6.12214	1583.4	–71.91	344/486	334/496 B	456.57/101.325	96-trchc
574	**$C_{10}H_{14}$**		**1,3-Diethylbenzene**				**141-93-5**
l-g	6.14082	1583.55	–71.29	342/484	332/494 B	454.25/101.325	96-trchc
575	**$C_{10}H_{14}$**		**1,4-Diethylbenzene**				**105-05-5**
l-g	6.12958	1592.59	–70.71	344/487	334/497 B	456.9/101.325	52-trchc
576	**$C_{10}H_{14}$**		**1,1-Dimethylethylbenzene**				**98-06-6**
l-g	6.04927	1507.6	–69.42	332/472	322/482 B	442.27/101.325	96-trchc
577	**$C_{10}H_{14}$**		**1-Ethyl-2,3-dimethylbenzene**				**933-98-2**
l-g	5.842	1518.81	–71.15	345/500	340/507 C	467.06/101.325	96-trchc
578	**$C_{10}H_{14}$**		**1-Ethyl-2,4-dimethylbenzene**				**874-41-9**
l-g	5.8334	1493.57	–71.15	341/494	335/499 C	461.35/101.325	96-trchc
579	**$C_{10}H_{14}$**		**1-Ethyl-3,5-dimethylbenzene**				**934-74-7**
l-g	5.8264	1473.12	–71.15	338/489	333/496 C	456.73/101.325	96-trchc
580	**$C_{10}H_{14}$**		**2-Ethyl-1,3-dimethylbenzene**				**2870-04-4**
l-g	5.8362	1501.57	–71.15	342/496	338/503 C	463.16/101.325	96-trchc
581	**$C_{10}H_{14}$**		**2-Ethyl-1,4-dimethylbenzene**				**1758-88-9**
l-g	5.8312	1487.12	–71.15	340/492	335/500 C	459.98/101.325	96-trchc
582	**$C_{10}H_{14}$**		**4-Ethyl-1,2-dimethylbenzene**				**934-80-5**
l-g	5.8354	1499.23	–71.15	342/495	339/503 C	462.63/101.325	96-trchc
583	**$C_{10}H_{14}$**		**1-Methyl-4-1-methylethylbenzene**				**99-87-6**
l-g	6.17215	1606.89	–64.58	338/480	328/490 B	450.25/101.325	96-trchc
584	**$C_{10}H_{14}$**		**1-Methyl-2-isopropylbenzene**				**527-84-4**
l-g	6.57353	1903.650	–34.646	355/453	350/455 B	451.40/101.325	59-mcdshr

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
585	**$C_{10}H_{14}$**		**1-Methyl-3-isopropylbenzene**				**535-77-3**
l-g	6.47081	1803.315	–44.133	352/450	350/455 B	448.00/101.325	59-mcdshr
586	**$C_{10}H_{14}$**		**1-Methyl-4-isopropylbenzene**				**99-87-5**
l-g	6.16184	1598.832	–65.534	380/452	375/455 B	450.23/101.325	59-mcdshr
587	**$C_{10}H_{14}$**		**1-Methylpropylbenzene**				**135-98-8**
l-g	6.37569	1733.54	–49.35	215/329	305/328 B	446.45/101.325	96-trchc
l-g	6.08173	1544.65	–67.48	335/476	328/486 B		96-trchc
588	**$C_{10}H_{14}$**		**2-Methylpropylbenzene**				**538-93-2**
l-g	6.05978	1529.96	–68.51	334/470	324/486 A	445.91/101.325	96-trchc
589	**$C_{10}H_{14}$**		**2-Propyltoluene**				**1074-17-5**
l-g	5.892	1503.71	–71.15	340/490	330/498 C	458.08/101.325	96-trchc
590	**$C_{10}H_{14}$**		***m*-Propyltoluene**				**1074-43-7**
l-g	5.8875	1490.82	–71.15	338/487	329/495 C	455.13/101.325	96-trchc
591	**$C_{10}H_{14}$**		***p*-Propyltoluene**				**1074-55-1**
l-g	5.8895	1496.75	–71.15	339/488	329/497 C	456.53/101.325	79-dykrep
592	**$C_{10}H_{14}$**		**1,2,3,4-Tetramethylbenzene**				**488-23-3**
l-g	5.84354	1442.76	–102.07	362/509	352/519 B	478.19/101.325	96-trchc
593	**$C_{10}H_{14}$**		**1,2,3,5-Tetramethylbenzene**				**527-53-7**
l-g	5.60833	1263.4	–120.52	360/503	359/514 B	471.15/101.325	96-trchc
594	**$C_{10}H_{14}$**		**1,2,4,5-Tetramethylbenzene**				**95-93-2**
cr-g	9.70441	3027.87	–32.85	249/351	345/352.4 C	469.95/101.325	96-trchc
l-g	6.18329	1660.56	-72.51	355/500	352.4/510 B		96-trchc
595	**$C_{10}H_{16}$**		**Adamantane**				**281-23-2**
cr-g	7.38212	2342.072	–40.929	290/435	270/345 C	426.069/20	71-boysan, 75-leeslu
596	**$C_{10}H_{16}$**		**Camphene**				**79-92-5**
l-g	6.69946	1867.253	–36.143	323/434	323/440 C	433.96/101.325	47-stu
597	**$C_{10}H_{16}$**		***(+)*-2-Carene**				**4497-92-1**
l-g	5.75320	1419.894	–71.288	293/370	290/380 C	318.09/1	54-bukmaj
598	**$C_{10}H_{16}$**		***(+)*-3-Carene**				**13466-78-9**
l-g	5.89719	1413.634	–81.627	362/445	360/445 A	444.89/101.325	75-vardru
599	**$C_{10}H_{16}$**		***p*-Mentha-1(7),2-diene**				**555-10-2**
l-g	2.94924	323.244	–216.645	303/363	300/370 C	360.292/5	54-bukmaj
600	**$C_{10}H_{16}$**		***p*-Mentha-1,4(8)-diene**				**586-62-9**
l-g	6.87923	2007.668	–46.738	313/458	310/465 C	458.693/101.325	54-bukmaj, 29-picpet, 49-smifuz-1, 47-stu

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
601	**$C_{10}H_{16}$**		***p*-Mentha-1,5-diene**				**99-83-2**
l-g	6.61611	1861.331	–44.643	315/448	310/450 C	448.37/101.325	64-app, 47-stu
602	**$C_{10}H_{16}$**		***(+)*-1,8-*p*-Menthadiene, *(R)-(+)*-Limonene**				**5989-27-5**
l-g	6.75946	2040.295	–19.639	290/450	280/455 C	448.84/101.325	37-rudkor-1, 47-stu
603	**$C_{10}H_{16}$**		***(-)*-1,8-*p*-Menthadiene, *(S)-(-)*-Limonene**				**5989-54-8**
l-g	5.43359	1287.643	–85.178	303/364	300/370 C	357.141/5	54-bukmaj
604	**$C_{10}H_{16}$**		***(+,-)*-1,8-*p*-Menthadiene, *(+,-)*-Limonene**				**7705-14-8**
l-g	6.43974	1803.035	–43.178	303/448	300/450 C	449.81/101.325	54-bukmaj, 29-picpet, 37-rudkor-1
605	**$C_{10}H_{16}$**		**7-Methyl-3-methylene-1,6-octadiene**				**123-35-3**
l-g	6.67366	1917.916	–33.537	287/444	285/448 C	444.41/101.325	54-bukmaj, 47-stu
606	**$C_{10}H_{16}$**		***(1R)-(+)*-α-Pinene**				**7785-70-8**
l-g	5.92666	1414.16	–68.64	292/433	282/443 C		79-dykrep
607	**$C_{10}H_{16}$**		***(1S)-(-)*-α-Pinene**				**7785-26-4**
l-g	6.04993	1520.15	–62.75	291/441	281/451 C		79-dykrep
608	**$C_{10}H_{16}$**		***(+)*-α-Pinene**				**80-56-8**
l-g	5.93206	1418.738	–68.039	293/429	290/440 C	429.38/101.325	54-bukmaj, 54-hawarm
609	**$C_{10}H_{16}$**		***(-)*-β-Pinene**				**127-91-3**
l-g	5.95949	1472.102	–67.014	293/439	290/440 C	439.34/101.325	54-bukmaj, 54-hawarm
610	**$C_{10}H_{16}$**		**Tetrahydrodicyclo-pentadiene,(Tricyclo-[5.2.1.0(2,6)]decane)**				**54175-17-6**
l-g	6.907	2273.7	0.000	355/416	350/420 C	384.92/10	71-boysan Note 2
611	**$C_{10}H_{18}$**		***cis*-Bicyclo[5.3.0]decane**				**16189-46-1**
l-g	6.33059	1740.728	–60.609	295/378	295/380 B	369.71/5	70-chamcn Note 4
612	**$C_{10}H_{18}$**		**Bicyclopentyl**				**1636-39-1**
l-g	7.60253	2819.453	42.128	330/394	330/405 B	384.90/10	55-levskv, 55-schwhi-1
613	**$C_{10}H_{18}$**		***cis*-Carane**				**18968-24-6**
l-g	5.98709	1482.688	–69.081	359/437	350/440 A	432.13/80	75-vardru
614	**$C_{10}H_{18}$**		***trans*-Carane**				**18968-23-5**
l-g	5.97102	1470.991	–71.088	359/437	350/440 A	415.42/50	75-vardru
615	**$C_{10}H_{18}$**		***cis*-Decahydro-naphthalene**				**493-01-6**
l-g	6.00019	1594.46	–69.758	349/501	335/515 A	467.92/101.325	67-trchc
616	**$C_{10}H_{18}$**		***trans*-Decahydro-naphthalene**				**493-02-7**
l-g	5.98171	1564.68	–66.891	342/492	328/507 A	460.42/101.325	67-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
617	**$C_{10}H_{18}$**		**1-Decyne**				**764-93-2**
l-g	6.02929	1455.010	–85.359	401/447	365/450 B	446.98/101.325	86-eiselv, 78-elveis
618	**$C_{10}H_{18}$**		**2-Decyne**				**2384-70-5**
l-g	6.18680	1579.973	–78.871	410/457	380/460 B	456.76/101.325	86-eiselv, 78-elveis
619	**$C_{10}H_{18}$**		**3-Decyne**				**2384-85-2**
l-g	6.04251	1469.049	–88.016	406/452	375/455 B	451.93/101.325	86-eiselv, 78-elveis
620	**$C_{10}H_{18}$**		**4-Decyne**				**2384-86-3**
l-g	6.08375	1498.348	–83.067	404/451	375/452 B	450.49/101.325	86-eiselv, 78-elveis
621	**$C_{10}H_{18}$**		**5-Decyne**				**1942-46-7**
l-g	6.09431	1500.551	–83.440	351/451	350/455 B	450.45/101.325	37-brihen, 41-cameby-1, 78-elveis
622	**$C_{10}H_{18}$**		**Isocamphane, (2,2,3-Trimethyl-bicyclo[2.2.1]heptane)**				**473-19-8**
l-g	6.83891	2131.4	0.000	332/442	332/442 C	440.99/101.325	82-varsap Note 2
623	**$C_{10}H_{18}$**		**Spiro[4.5]decane**				**176-63-6**
l-g	7.17192	2407.068	8.864	347/390	397/410 B	363.00/5	65-nar
624	**$C_{10}H_{20}$**		**Butylcyclohexane**				**1678-93-9**
l-g	6.0387	1540.73	–72.06	340/484	330/494 B	454.09/101.325	92-trchc
625	**$C_{10}H_{20}$**		***sec*-Butylcyclohexane**				**7058-01-7**
l-g	6.02706	1538.796	–69.816	364/454	360/454 A	452.47/101.325	49-fornor
626	**$C_{10}H_{20}$**		***tert*-Butylcyclohexane**				**3178-22-1**
l-g	5.98626	1505.212	–66.588	357/446	350/450 A	444.73/101.325	49-fornor
627	**$C_{10}H_{20}$**		**Cyclododecane**				**293-96-9**
l-g	6.02915	1631.301	–70.012	345/490	345/490 A	475.46/101.325	76-meyhot
628	**$C_{10}H_{20}$**		**1-Decene**				**872-05-9**
l-g	6.85002	1899.31	–44.86	215/331	205/331 C	443.75/101.325	86-trchc
629	**$C_{10}H_{20}$** **331/468**		***cis*-2-Decene** **331/460 B**				**20348-51-0** **86-trchc**
l-g	6.06509	1497.641	–78.410	401/447	365/450 B	447.34/101.325	86-eiselv, 74-micelw
630	**$C_{10}H_{20}$**		***trans*-2-Decene**				**20063-97-2**
l-g	6.08621	1500.327	–78.760	400/446	365/450 B	446.44/101.325	86-eiselv, 74-micelw
631	**$C_{10}H_{20}$**		***cis*-3-Decene**				**19398-86-8**
l-g	6.06345	1491.171	–76.951	398/445	360/445 B	444.44/101.325	86-eiselv, 74-micelw

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
632	**$C_{10}H_{20}$**		***trans*-3-Decene**				**19150-21-1**
l-g	6.06986	1489.531	–78.049	398/445	360/445 B	444.55/101.325	86-eiselv, 74-micelw
633	**$C_{10}H_{20}$**		***cis*-4-Decene**				**19398-88-0**
l-g	6.04724	1482.387	–77.038	397/444	360/445 B	443.83/101.325	86-eiselv, 74-micelw
634	**$C_{10}H_{20}$**		***trans*-4-Decene**				**19398-89-1**
l-g	6.05429	1479.838	–78.418	398/445	360/445 B	443.94/101.325	86-eiselv, 74-micelw
635	**$C_{10}H_{20}$**		***cis*-5-Decene**				**7433-78-5**
l-g	6.09253	1512.698	–73.434	397/444	360/445 B	443.58/101.325	86-eiselv, 74-micelw
636	**$C_{10}H_{20}$**		***trans*-5-Decene**				**7433-56-9**
l-g	5.57590	1145.105	–122.728	398/444	360/445 B	443.47/101.325	86-eiselv, 74-micelw
637	**$C_{10}H_{20}$**		**Isobutylcyclohexane**				**1678-98-4**
l-g	5.99026	1491.726	–70.085	357/445	350/450 A	444.46/101.325	49-fornor
638	**$C_{10}H_{20}$**		***p*-Menthane**				**99-82-1**
l-g	6.22993	1678.263	–46.665	281/445	280/450 C	443.96/101.325	58-klo, 31-lin
l-g	6.05967	1484.98	–77.44	468/623	460/616.7 B		86-trchc
	(–2.566)	(–266.6)	(–12719)				
639	**$C_{10}H_{20}$**		**Pentylcyclopentane**				**3741-00-2**
l-g	6.0663	1540.6	–74.35	341/483	333/491 C	453.65/101.325	54-trchc
640	**$C_{10}H_{20}$**		**4-Propyl-3-heptene**				**4485-13-6**
l-g	5.83461	1389.731	–76.120	333/372	325/385 B	363.57/10	55-schwhi-1
641	**$C_{10}H_{22}$**		**Decane**				**124-18-5**
l-g	7.7056	2431.8	–10.06	241/338	231/338 B	447.3/101.325	74-trchc
l-g	6.06853	1495.17	–79.292	338/468	338/465 A		74-trchc
l-g	6.06853	1495.17	–79.292	468/617	465/617.5 B		74-trchc
	(1.6918)	(0)	(0)				
642	**$C_{10}H_{22}$**		**3,3-Diethylhexane**				**17302-02-2**
l-g	6.00845	1490.9	–66.95	328/469	320/476 C	439.45/101.325	66-trchc
643	**$C_{10}H_{22}$**		**3,4-Diethylhexane**				**19398-77-7**
l-g	6.00837	1473.2	–68.95	327/466	317/476 B	437.05/101.325	66-trchc
644	**$C_{10}H_{22}$**		**3,3-Diethyl-2-methylpentane**				**52897-16-2**
l-g	5.98474	1501.8	–65.45	330/473	320/483 C	441.85/101.325	66-trchc
645	**$C_{10}H_{22}$**		**2,2-Dimethyloctane**				**15869-87-1**
l-g	6.03107	1439.6	–72.45	324/458	314/468 B	430.05/101.325	66-trchc
646	**$C_{10}H_{22}$**		**2,4-Dimethyloctane**				**4032-94-4**
l-g	6.04636	1439.8	–72.75	323/457	313/467 B	429.05/101.325	66-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
647	**$C_{10}H_{22}$**		**2,5-Dimethyloctane**				**15869-89-3**
l-g	6.02753	1442.5	–72.95	325/460	315/470 B	431.65/101.325	66-trchc
648	**$C_{10}H_{22}$**		**2,6-Dimethyloctane**				**2051-30-1**
l-g	6.03742	1450.53	–73.75	326/462	316/472 B	433.53/101.325	66-trchc
649	**$C_{10}H_{22}$**		**2,7-Dimethyloctane**				**1072-16-8**
l-g	6.03816	1444.19	–74.88	326/461	316/471 B	433.02/101.325	66-trchc
650	**$C_{10}H_{22}$**		**3,3-Dimethyloctane**				**4110-44-5**
l-g	6.01385	1457.6	–70.65	326/463	316/473 B	434.35/101.325	66-trchc
651	**$C_{10}H_{22}$**		**3,4-Dimethyloctane**				**15869-92-8**
l-g	6.02416	1465.9	–71.75	328/465	318/475 B	436.55/101.325	66-trchc
652	**$C_{10}H_{22}$**		**3,5-Dimethyloctane**				**15869-93-9**
l-g	6.02248	1448.8	–71.85	325/461	315/471 B	432.55/101.325	66-trchc
653	**$C_{10}H_{22}$**		**3,6-Dimethyloctane**				**15869-94-0**
l-g	6.03774	1456.9	–72.65	326/462	316/472 B	433.95/101.325	66-trchc
654	**$C_{10}H_{22}$**		**4,4-Dimethyloctane**				**15869-95-1**
l-g	6.01381	1446.9	–69.65	323/459	313/469 B	430.65/101.325	66-trchc
655	**$C_{10}H_{22}$**		**4,5-Dimethyloctane**				**15869-96-2**
l-g	6.01778	1460.52	–71.25	327/464	317/474 B	435.28/101.325	66-trchc
656	**$C_{10}H_{22}$**		**2,4-Dimethyl-3-(1-methylethyl)pentane**				**13475-79-1**
l-g	5.94644	1432.15	–66.77	320/459	310/469 B	430.19/101.325	66-trchc
657	**$C_{10}H_{22}$**		**3-Ethyl-2,2-dimethylhexane**				**20291-91-2**
l-g	5.99084	1444.4	–66.75	320/458	310/468 B	429.25/101.325	66-trchc
658	**$C_{10}H_{22}$**		**3-Ethyl-2,3-dimethylhexane**				**52897-00-4**
l-g	5.98918	1475.8	–66.35	326/466	316/476 C	436.85/101.325	66-trchc
659	**$C_{10}H_{22}$**		**3-Ethyl-2,4-dimethylhexane**				**7220-26-0**
l-g	5.99172	1455.3	–68.15	324/462	314/472 B	433.25/101.325	66-trchc
660	**$C_{10}H_{22}$**		**3-Ethyl-2,5-dimethylhexane**				**52897-04-8**
l-g	5.99645	1429.3	–69.05	320/456	310/466 C	427.25/101.325	66-trchc
661	**$C_{10}H_{22}$**		**3-Ethyl-3,4-dimethylhexane**				**52897-06-0**
l-g	5.98638	1470.4	–65.85	324/465	314/475 C	435.25/101.325	66-trchc
662	**$C_{10}H_{22}$**		**4-Ethyl-2,2-dimethylhexane**				**52896-99-8**
l-g	6.02016	1416	–67.15	315/448	305/458 C	420.15/101.325	66-trchc
663	**$C_{10}H_{22}$**		**4-Ethyl-2,3-dimethylhexane**				**52897-01-5**
l-g	5.99313	1458	–68.45	324/463	314/473 C	434.05/101.325	66-trchc
664	**$C_{10}H_{22}$**		**4-Ethyl-2,4-dimethylhexane**				**52897-03-7**
l-g	5.99211	1464.1	–66.95	324/463	314/473 C	434.25/101.325	66-trchc
665	**$C_{10}H_{22}$**		**4-Ethyl-3,3-dimethylhexane**				**52897-05-9**
l-g	5.98778	1473.1	–66.15	325/466	315/476 C	436.05/101.325	66-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
666	**$C_{10}H_{22}$**		**3-Ethyl-2-methylheptane**				**14676-29-0**
l-g	6.01784	1457.9	–70.95	326/463	316/473 B	434.35/101.325	66-trchc
667	**$C_{10}H_{22}$**		**3-Ethyl-3-methylheptane**				**17302-01-1**
l-g	6.00553	1472.9	–68.65	327/466	320/474 C	436.95/101.325	66-trchc
668	**$C_{10}H_{22}$**		**3-Ethyl-4-methylheptane**				**52896-91-0**
l-g	6.01317	1466.8	–70.15	327/465	317/475 C	436.15/101.325	66-trchc
669	**$C_{10}H_{22}$**		**3-Ethyl-*(5RS)*-methylheptane**				**52896-90-9**
l-g	6.04083	1455.2	–70.75	324/460	314/470 C	431.35/101.325	66-trchc
670	**$C_{10}H_{22}$**		**4-Ethyl-2-methylheptane**				**52896-88-5**
l-g	6.0169	1438.2	–70.85	322/458	312/468 C	429.35/101.325	66-trchc
671	**$C_{10}H_{22}$**		**4-Ethyl-3-methylheptane**				**52896-89-6**
l-g	6.01179	1464.2	–69.85	326/464	316/474 C	435.35/101.325	66-trchc
672	**$C_{10}H_{22}$**		**4-Ethyl-4-methylheptane**				**17302-04-4**
l-g	6.00792	1464.9	–67.95	324/463	318/471 C	433.95/101.325	66-trchc
673	**$C_{10}H_{22}$**		**5-Ethyl-2-methylheptane**				**13475-78-0**
l-g	6.01914	1448.8	–71.85	325/461	315/471 C	432.85/101.325	66-trchc
674	**$C_{10}H_{22}$**		**3-Ethyloctane**				**5881-17-4**
l-g	6.04335	1477.4	–73.75	331/468	321/478 B	439.35/101.325	66-trchc
675	**$C_{10}H_{22}$**		**4-Ethyloctane**				**15869-86-0**
l-g	6.03412	1466.68	–72.71	328/465	318/475 B	436.79/101.325	66-trchc
676	**$C_{10}H_{22}$**		**3-Ethyl-2,2,3-trimethylpentane**				**52897-17-3**
l-g	5.932	1490.1	–63.15	328/473	318/483 C	442.65/101.325	66-trchc
677	**$C_{10}H_{22}$**		**3-Ethyl-2,2,4-trimethylpentane**				**52897-18-4**
l-g	5.95639	1435.6	–65.05	319/458	309/468 C	428.45/101.325	66-trchc
678	**$C_{10}H_{22}$**		**3-Ethyl-2,3,4-trimethylpentane**				**52897-19-5**
l-g	5.94106	1486.62	–64.83	328/473	318/483 C	442.59/101.325	66-trchc
679	**$C_{10}H_{22}$**		**4-(1-Methylethyl)heptane**				**52896-87-4**
l-g	6.01247	1449.8	–70.25	324/461	314/471 C	432.05/101.325	66-trchc
680	**$C_{10}H_{22}$**		**2-Methyl-3-(1-methylethyl)hexane**				**62016-13-1**
l-g	5.88593	1441	–68.45	326/470	320/478 C	439.85/101.325	66-trchc
681	**$C_{10}H_{22}$**		**2-Methylnonane**				**871-83-0**
l-g	6.05862	1472.73	–76.77	332/469	322/479 B	440.15/101.325	66-trchc
682	**$C_{10}H_{22}$**		**3-Methylnonane**				**5911-04-6**
l-g	6.05465	1479.1	–75.65	333/470	323/480 B	440.95/101.325	66-trchc
683	**$C_{10}H_{22}$**		**4-Methylnonane**				**17301-94-9**
l-g	6.04724	1471	–74.85	331/467	325/475 C	438.85/101.325	66-trchc
684	**$C_{10}H_{22}$**		**5-Methylnonane**				**15869-85-9**
l-g	6.04368	1468.4	–74.65	330/467	320/477 B	438.25/101.325	66-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
685	**$C_{10}H_{22}$**		**2,2,3,3,4-Pentamethylpentane**				**16747-44-7**
l-g	5.92149	1474.89	–62.55	325/470	315/480 B	439.2/101.325	66-trchc
686	**$C_{10}H_{22}$**		**2,2,3,4,4-Pentamethylpentane**				**16747-45-8**
l-g	5.85763	1423.83	–62.8	319/463	309/473 B	432.44/101.325	66-trchc
687	**$C_{10}H_{22}$**		**4-Propylheptane**				**3178-29-8**
l-g	6.072	1458.7	–71.95	325/459	315/469 B	430.65/101.325	66-trchc
688	**$C_{10}H_{22}$**		**2,2,3,3-Tetramethylhexane**				**13475-81-5**
l-g	5.96928	1464.03	–64.09	322/463	312/473 B	433.46/101.325	66-trchc
689	**$C_{10}H_{22}$**		**2,2,3,4-Tetramethylhexane**				**52897-08-2**
l-g	5.949	1443.6	–65.85	321/461	311/471 C	431.95/101.325	66-trchc
690	**$C_{10}H_{22}$**		**2,2,3,5-Tetramethylhexane**				**52897-09-3**
l-g	6.00175	1417.6	–66.85	315/450	305/460 C	421.55/101.325	66-trchc
691	**$C_{10}H_{22}$**		**2,2,4,4-Tetramethylhexane**				**51750-65-3**
l-g	5.85641	1396	–64.45	316/457	310/465 C	426.95/101.325	66-trchc
692	**$C_{10}H_{22}$**		**2,2,4,5-Tetramethylhexane**				**16747-42-5**
l-g	5.96051	1400.55	–66.89	314/449	304/459 B	421.03/101.325	66-trchc
693	**$C_{10}H_{22}$**		**2,2,5,5-Tetramethylhexane**				**1071-81-4**
l-g	6.00614	1377.98	–66.15	308/438	298/448 B	410.61/101.325	66-trchc
694	**$C_{10}H_{22}$**		**2,3,3,4-Tetramethylhexane**				**52897-10-6**
l-g	5.96733	1474.94	–65.43	326/468	316/478 C	437.74/101.325	66-trchc
695	**$C_{10}H_{22}$**		**2,3,3,5-Tetramethylhexane**				**52897-11-7**
l-g	5.97533	1429.2	–66.25	318/455	308/465 C	426.25/101.325	66-trchc
696	**$C_{10}H_{22}$**		**2,3,4,4-Tetramethylhexane**				**52897-12-8**
l-g	5.9543	1457.9	–65.55	323/464	313/474 C	434.75/101.325	66-trchc
697	**$C_{10}H_{22}$**		**2,3,4,5-Tetramethylhexane**				**52897-15-1**
l-g	5.99646	1442.8	–67.85	321/458	311/468 C	429.35/101.325	66-trchc
698	**$C_{10}H_{22}$**		**3,3,4,4-Tetramethylhexane**				**5171-84-6**
l-g	5.93654	1492.7	–63.45	328/474	318/484 B	443.15/101.325	66-trchc
699	**$C_{10}H_{22}$**		**2,2,3-Trimethylheptane**				**52896-92-1**
l-g	5.99997	1446.1	–68.75	322/460	312/470 C	430.75/101.325	66-trchc
700	**$C_{10}H_{22}$**		**2,2,4-Trimethylheptane**				**14720-74-2**
l-g	6.00015	1409.4	–68.65	316/450	309/458 C	421.45/101.325	66-trchc
701	**$C_{10}H_{22}$**		**2,2,5-Trimethylheptane**				**20291-95-6**
l-g	6.00345	1417.4	–69.35	318/452	308/462 B	423.95/101.325	66-trchc
702	**$C_{10}H_{22}$**		**2,2,6-Trimethylheptane**				**1190-83-6**
l-g	6.01944	1411.09	–70.52	317/450	307/460 B	422.08/101.325	66-trchc
703	**$C_{10}H_{22}$**		**2,3,3-Trimethylheptane**				**52896-93-2**
l-g	5.99692	1457.8	–68.15	324/462	314/472 C	433.35/101.325	66-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
704	**$C_{10}H_{22}$**		**2,3,4-Trimethylheptane**				**52896-95-4**
l-g	5.99907	1451.7	–69.55	324/462	314/472 C	433.05/101.325	66-trchc
705	**$C_{10}H_{22}$**		**2,3,5-Trimethylheptane**				**20278-85-7**
l-g	5.9648	1440	–70.15	324/463	318/470 C	433.85/101.325	66-trchc
706	**$C_{10}H_{22}$**		**2,3,6-Trimethylheptane**				**4032-93-3**
l-g	6.01158	1433.7	–71.25	322/457	312/467 B	429.15/101.325	66-trchc
707	**$C_{10}H_{22}$**		**2,4,4-Trimethylheptane**				**4032-92-2**
l-g	5.98552	1418.4	–67.75	317/453	307/463 B	424.15/101.325	66-trchc
708	**$C_{10}H_{22}$**		**2,4,5-Trimethylheptane**				**20278-84-6**
l-g	6.00073	1437.3	–69.85	322/458	312/468 B	429.65/101.325	66-trchc
709	**$C_{10}H_{22}$**		**2,4,6-Trimethylheptane**				**2613-61-8**
l-g	6.03885	1411.3	–70.85	317/448	307/458 B	420.75/101.325	66-trchc
710	**$C_{10}H_{22}$**		**2,5,5-Trimethylheptane**				**1189-99-7**
l-g	6.00694	1429.09	–68.79	319/454	311/462 C	425.95/101.325	66-trchc
711	**$C_{10}H_{22}$**		**3,3,4-Trimethylheptane**				**20278-87-9**
l-g	5.99351	1466.8	–67.25	325/464	315/474 B	435.05/101.325	66-trchc
712	**$C_{10}H_{22}$**		**3,3,5-Trimethylheptane**				**7154-80-5**
l-g	5.98014	1435.43	–67.66	320/458	310/468 B	428.83/101.325	66-trchc
713	**$C_{10}H_{22}$**		**3,4,4-Trimethylheptane**				**20278-88-0**
l-g	5.99211	1464.1	–66.95	324/463	314/473 B	434.25/101.325	66-trchc
714	**$C_{10}H_{22}$**		**3,4,5-Trimethylheptane**				**20278-89-1**
l-g	5.99603	1463.4	–68.95	326/465	316/475 B	435.65/101.325	66-trchc
715	**$C_{10}H_{22}$**		**2,3-Dimethyloctane**				**7146-60-3**
l-g	6.01939	1462.22	–73.15	329/466	319/476 B	437.46/101.325	66-trchc
716	**$C_{11}H_{10}$**		**1-Methylnaphthalene**				**90-12-0**
l-g	6.16082	1826.95	–78.148	390/551	375/566 A	517.83/101.325	83-trchc
717	**$C_{11}H_{10}$**		**2-Methylnaphthalene**				**91-57-6**
l-g	6.1934	1840.27	–74.755	387/547	372/562 A	514.2/101.325	83-trchc
718	**$C_{11}H_{14}$**		**1,1-Dimethylindane**				**4912-92-9**
l-g	6.27020	1726.819	–61.376	313/395	305/394 A	389.033/10	78-osbsco
l-g	6.04191	1581.393	–75.381	379/467	380/470 A	467.18/101.325	78-osbsco
719	**$C_{11}H_{14}$**		**4,6-Dimethylindane**				**1685-82-1**
l-g	6.40721	1906.159	–64.054	313/423	310/423 A	361.56/1	78-osbsco
l-g	6.27887	1819.998	–71.795	380/467	420/470 A	416.57/10	78-osbsco
720	**$C_{11}H_{14}$**		**4,7-Dimethylindane**				**6682-71-9**
l-g	6.40794	1918.373	–64.243	313/425	310/324 B, 324/422 A	418.98/10	78-osbsco
l-g	6.30102	1848.464	–70.270	409/470	420/475 A	418.97/10	78-osbsco

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
721	**$C_{11}H_{14}$**		**4-Isopropylstyrene**				**2055-40-5**
l-g	6.45367	1882.528	–55.420	445/480	440/480 B	478.65/101.325	49-dremar, 49-dreshr
722	**$C_{11}H_{14}$**		**5-Methyl-1,2,3,4-tetrahydro-naphthalene**				**2809-64-5**
l-g	6.05471	1654.529	–98.891	403/508	400/515 A	507.52/101.325	41-maistr
723	**$C_{11}H_{14}$**		**6-Methyl-1,2,3,4-tetrahydro-naphthalene**				**1680-51-9**
l-g	5.39748	1206.761	–146.414	373/502	370/510 A	502.21/101.325	41-maistr
724	**$C_{11}H_{14}$**		**2,4,5-Trimethylstyrene**				**3937-24-4**
l-g	6.03270	1579.711	–98.135	352/472	350/475 C	490.42/101.325	49-buccol
725	**$C_{11}H_{14}$**		**2,4,6-Trimethylstyrene**				**769-25-5**
l-g	6.26105	1741.14	–72.771	363/481	351/495 A		76-onovp
726	**$C_{11}H_{16}$**		**4-*tert*-Butyltoluene**				**98-51-1**
l-g	6.3327	1731.2	–63.450	342/465	342/465 C	464.47/101.325	47-stu Note 2
727	**$C_{11}H_{16}$**		**3,5-Diethyltoluene**				**2050-24-0**
l-g	6.70774	2066.484	–34.543	307/474	305/480 B	474.03/101.325	47-stu
728	**$C_{11}H_{16}$**		**3-Ethylcumene**				**4920-99-4**
l-g	6.59828	1962.028	–38.886	301/467	300/470 B	466.10/101.325	47-stu
729	**$C_{11}H_{16}$**		**4-Ethylcumene**				**4218-48-8**
l-g	6.62792	1981.836	–40.413	304/469	300/475 C	469.18/101.325	47-stu
730	**$C_{11}H_{16}$**		**1-Ethyl-2,4,5-trimethylbenzene**				**17851-27-3**
l-g	5.78262	1412.018	–111.484	360/479	360/370 D, 370/485 C	485.34/101.325	49-buccol
731	**$C_{11}H_{16}$**		**2-Ethyl-1,3,4-trimethylbenzene**				**61827-87-0**
l-g	5.50424	1245.110	–120.444	347/488	340/490 D	447.65/50	39-smikie-1
732	**$C_{11}H_{16}$**		**2-Ethyl-1,3,5-trimethylbenzene**				**3982-67-0**
l-g	6.12698	1649.123	–83.210	361/469	360/485 C	483.36/101.325	49-buccol
733	**$C_{11}H_{16}$**		**Pentamethylbenzene**				**700-12-9**
l-g	1.97255	332.681	–215.587	295/313	295/316 C	299.33/0.01	89-coljim, 30-macsmi
l-g	6.22010	1766.537	–85.669	340/503	335/340 C, 340/510 B	504.84/101.325	30-macsmi
734	**$C_{11}H_{16}$**		**Pentylbenzene**				**538-68-1**
l-g	6.0874	1626.52	–80.15	361/510	351/522 B	478.61/101.325	93-trchc
735	**$C_{11}H_{16}$**		**2-Phenylpentane**				**2719-52-0**
l-g	6.52488	1901.779	–45.141	302/467	300/470 B	465.97/101.325	47-stu
736	**$C_{11}H_{20}$**		**Cyclopentyl-cyclohexane**				**1606-08-2**
l-g	5.14026	1066.510	–148.676	373/489	370/490 C	488.92/101.325	49-felmyl

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
737	**$C_{11}H_{20}$**		**1-Hexylcyclopentene**				**4291-99-0**
l-g	5.97545	1519.709	–92.706	407/476	400/480 B	475.53/101.325	86-eiselv, 88-elvvin
738	**$C_{11}H_{20}$**		**3-Hexylcyclopentene**				**37689-18-2**
l-g	6.36267	1800.556	–58.463	403/473	390/475 B	471.72/101.325	86-eiselv, 88-elvvin
739	**$C_{11}H_{20}$**		**Spiro[5.5]undecane**				**180-43-8**
l-g	6.39272	1516.949	–169.238	369/413	369/413 C	406.53/1	65-nar
740	**$C_{11}H_{20}$**		**1-Undecyne**				**2243-98-3**
l-g	5.92754	1441.920	–100.615	401/469	380/400 B, 400/470 A	468.28/101.325	86-eiselv, 86-elvkud
741	**$C_{11}H_{20}$**		**2-Undecyne**				**60212-29-5**
l-g	6.3095	1786	–64.15	361/510	357/518 C	479.15/101.325	88-trchc
742	**$C_{11}H_{20}$**		**3-Undecyne**				**60212-30-8**
l-g	6.30104	1756.79	–64.15	357/503	347/513 B	473.15/101.325	88-trchc
743	**$C_{11}H_{20}$**		**5-Undecyne**				**2294-72-6**
l-g	6.13388	1583.560	–87.521	404/472	385/404 B, 404/473 A	471.12/101.325	86-eiselv, 86-elvkud
744	**$C_{11}H_{22}$**		**Pentylcyclohexane**				**4292-92-6**
l-g	6.0716	1619.1	–78.15	359/508	359/508 C	476.85/101.325	92-trchc
745	**$C_{11}H_{22}$**		**Hexylcyclopentane**				**4457-00-5**
l-g	6.0797	1608	–81.55	360/507	350/517 C	476.05/101.325	54-trchc
746	**$C_{11}H_{22}$**		**1-Undecene**				**821-95-4**
l-g	6.89868	2002.63	–49.26	228/349	223.9/349 C	465.86/101.325	86-trchc
l-g	6.09167	1563.21	–83.28	349/488	349/480 B		86-trchc
l-g	6.09167 (2.29167)	1563.21 (2541)	–83.28 (–633228)	488/643	480/637.9 B		86-trchc
747	**$C_{11}H_{22}$**		***cis*-2-Undecene**				**821-96-5**
l-g	6.10259	1563.750	–87.123	333/470	332/353 C, 353/470 B	468.82/101.325	86-eiselv, 74-elvkud
748	**$C_{11}H_{22}$**		***trans*-2-Undecene**				**693-61-8**
l-g	6.04724	1534.516	–88.677	333/469	333/470 B	468.36/101.325	86-eiselv, 74-elvkud
749	**$C_{11}H_{22}$**		***cis*-3-Undecene**				**821-97-6**
l-g	6.03567	1527.337	–87.586	333/467	333/470 B	466.58/101.325	86-eiselv, 74-elvkud
750	**$C_{11}H_{22}$**		***trans*-3-Undecene**				**1002-68-2**
l-g	6.10403	1569.218	–83.568	333/467	333/470 B	466.46/101.325	86-eiselv, 74-elvkud

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
751	**$C_{11}H_{22}$**		***cis*-4-Undecene**				**821-98-7**
l-g	6.09895	1567.808	–82.660	333/466	333/470 B	465.68/101.325	86-eiselv, 74-elvkud
752	**$C_{11}H_{22}$**		***trans*-4-Undecene**				**693-62-9**
l-g	6.06088	1541.152	–85.976	333/467	333/470 B	466.02/101.325	86-eiselv, 74-elvkud
753	**$C_{11}H_{22}$**		***cis*-5-Undecene**				**764-96-5**
l-g	6.09257	1561.758	–83.024	333/466	333/470 B	465.17/101.325	86-eiselv, 74-elvkud
754	**$C_{11}H_{22}$**		***trans*-5-Undecene**				**764-97-6**
l-g	6.30065	1687.169	–72.261	333/467	333/470 B	465.09/101.325	86-eiselv, 74-elvkud
755	**$C_{11}H_{24}$**		**3,3-Diethyl-2,2-dimethylpentane**				**60302-28-5**
l-g	5.58111	1348.46	–85	462.15/462.15	442/472 C	462.15/101.325	87-trcsp
756	**$C_{11}H_{24}$**		**3,3-Diethyl-2,4-dimethylpentane**				**61868-92-6**
l-g	5.68059	1385.98	–85	462.15/462.15	442/472 C	462.15/101.325	87-trcsp
757	**$C_{11}H_{24}$**		**3,3-Diethylheptane**				**17302-17-9**
l-g	5.68686	1380.61	–85	460.05/460.05	440/470 C	460.05/101.325	87-trcsp
758	**$C_{11}H_{24}$**		**3,4-Diethylheptane**				**61869-01-0**
l-g	5.74212	1379.29	–84	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
759	**$C_{11}H_{24}$**		**3,5-Diethylheptane**				**61869-02-1**
l-g	5.74024	1374.86	–84	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
760	**$C_{11}H_{24}$**		**4,4-Diethylheptane**				**17302-21-5**
l-g	5.68028	1364.91	–85	456.45/456.45	436/466 C	456.45/101.325	87-trcsp
761	**$C_{11}H_{24}$**		**3,3-Diethyl-2-methylhexane**				**61868-67-5**
l-g	5.65954	1367.08	–85	459.15/459.15	439/469 C	459.15/101.325	87-trcsp
762	**$C_{11}H_{24}$**		**3,3-Diethyl-4-methylhexane**				**61868-71-1**
l-g	5.66671	1384.4	–85	463.15/463.15	443/473 C	463.15/101.325	87-trcsp
763	**$C_{11}H_{24}$**		**3,4-Diethyl-2-methylhexane**				**61868-68-6**
l-g	5.70451	1358.01	–85	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
764	**$C_{11}H_{24}$**		**3,4-Diethyl-3-methylhexane**				**61868-70-0**
l-g	5.65954	1367.08	–85	459.15/459.15	439/469 C	459.15/101.325	87-trcsp
765	**$C_{11}H_{24}$**		**4,4-Diethyl-2-methylhexane**				**61868-69-7**
l-g	5.70451	1358.01	–85	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
766	**$C_{11}H_{24}$**		**2,2-Dimethyl-3-(1-methylethyl)hexane**				**61868-63-1**
l-g	5.62794	1311.79	–83	445.15/445.15	425/455 C	445.15/101.325	87-trcsp
767	**$C_{11}H_{24}$**		**2,3-Dimethyl-3-(1-methylethyl)hexane**				**61868-64-2**
l-g	5.6382	1351.83	–84	456.15/456.15	436/466 C	456.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
768	**$C_{11}H_{24}$**		**2,4-Dimethyl-3-(1-methylethyl)hexane**				**61868-65-3**
l-g	5.69152	1345.87	–83	448.15/448.15	428/458 C	448.15/101.325	87-trcsp
769	**$C_{11}H_{24}$**		**2,5-Dimethyl-3-(1-methylethyl)hexane**				**61868-66-4**
l-g	5.68206	1324.04	–83	443.15/443.15	423/453 C	443.15/101.325	87-trcsp
770	**$C_{11}H_{24}$**		**2,2-Dimethylnonane**				**17302-14-6**
l-g	5.68412	1357.88	–84	453.15/453.15	433/463 C	452.75/101.325	87-trcsp
771	**$C_{11}H_{24}$**		**2,3-Dimethylnonane**				**2884-06-2**
l-g	7.31378	2496.090	10.269	336/460	340/465 B	459.98/101.325	59-terbri
772	**$C_{11}H_{24}$**		**2,4-Dimethylnonane**				**17302-24-8**
l-g	7.45156	2464.863	1.489	335/452	335/455 B	451.12/101.325	59-terbri
773	**$C_{11}H_{24}$**		**2,5-Dimethylnonane**				**17302-27-1**
l-g	5.74024	1374.86	–84	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
774	**$C_{11}H_{24}$**		**2,6-Dimethylnonane**				**17302-28-2**
l-g	5.74024	1374.86	–84	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
775	**$C_{11}H_{24}$**		**2,7-Dimethylnonane**				**17302-29-3**
l-g	5.74771	1392.58	–84	456.15/456.15	436/466 C	456.15/101.325	87-trcsp
776	**$C_{11}H_{24}$**		**2,8-Dimethylnonane**				**17302-30-6**
l-g	5.74771	1392.58	–84	456.15/456.15	436/466 C	456.15/101.325	87-trcsp
777	**$C_{11}H_{24}$**		**3,3-Dimethylnonane**				**17302-15-7**
l-g	5.6878	1366.6	–84	455.15/455.15	435/465 C	455.15/101.325	87-trcsp
778	**$C_{11}H_{24}$**		**3,4-Dimethylnonane**				**17302-22-6**
l-g	5.7514	1401.45	–84	458.15/458.15	438/468 C	458.15/101.325	87-trcsp
779	**$C_{11}H_{24}$**		**3,5-Dimethylnonane**				**17302-25-9**
l-g	5.74212	1379.29	–84	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
780	**$C_{11}H_{24}$**		**3,6-Dimethylnonane**				**17302-31-7**
l-g	5.74586	1388.15	–84	455.15/455.15	435/465 C	455.15/101.325	87-trcsp
781	**$C_{11}H_{24}$**		**3,7-Dimethylnonane**				**17302-32-8**
l-g	5.74956	1397.01	–84	457.15/457.15	437/467 C	457.15/101.325	87-trcsp
782	**$C_{11}H_{24}$**		**4,4-Dimethylnonane**				**17302-18-0**
l-g	5.68041	1349.16	–84	451.15/451.15	431/461 C	451.15/101.325	87-trcsp
783	**$C_{11}H_{24}$**		**4,5-Dimethylnonane**				**17302-23-7**
l-g	5.74586	1388.15	–84	455.15/455.15	435/465 C	455.15/101.325	87-trcsp
784	**$C_{11}H_{24}$**		**4,6-Dimethylnonane**				**17302-26-0**
l-g	5.74024	1374.86	–84	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
785	**$C_{11}H_{24}$**		**5,5-Dimethylnonane**				**6414-96-6**
l-g	5.68857	1352.16	–83	450.15/450.15	430/460 C	450.15/101.325	87-trcsp
786	**$C_{11}H_{24}$**		**3-(1,1-Dimethylethyl)-2,2-dimethylpentane**				**3178-30-1**
l-g	5.5491	1308.04	–84	453.15/453.15	433/463 C	453.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
787	**$C_{11}H_{24}$**		**3-Ethyl-2,2-dimethylheptane**				**61869-03-2**
l-g	5.66103	1338.39	–83	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
788	**$C_{11}H_{24}$**		**3-Ethyl-2,3-dimethylheptane**				**61868-21-1**
l-g	5.66391	1361.4	–84	456.15/456.15	436/466 C	456.15/101.325	87-trcsp
789	**$C_{11}H_{24}$**		**3-Ethyl-2,4-dimethylheptane**				**61868-24-4**
l-g	5.71458	1365.42	–84	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
790	**$C_{11}H_{24}$**		**3-Ethyl-2,5-dimethylheptane**				**61868-27-7**
l-g	5.71907	1359.64	–83	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
791	**$C_{11}H_{24}$**		**3-Ethyl-2,6-dimethylheptane**				**61868-30-2**
l-g	5.71907	1359.64	–83	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
792	**$C_{11}H_{24}$**		**3-Ethyl-3,4-dimethylheptane**				**61868-34-6**
l-g	5.66752	1370.06	–84	458.15/458.15	438/468 C	458.15/101.325	87-trcsp
793	**$C_{11}H_{24}$**		**3-Ethyl-3,5-dimethylheptane**				**61868-37-9**
l-g	5.65845	1348.4	–84	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
794	**$C_{11}H_{24}$**		**3-Ethyl-4,4-dimethylheptane**				**61868-39-1**
l-g	5.66103	1338.39	–83	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
795	**$C_{11}H_{24}$**		**3-Ethyl-4,5-dimethylheptane**				**61868-36-8**
l-g	5.72016	1378.61	–84	455.15/455.15	435/465 C	455.15/101.325	87-trcsp
796	**$C_{11}H_{24}$**		**4-Ethyl-2,2-dimethylheptane**				**62016-46-0**
l-g	5.65617	1311.06	–82	441.15/441.15	421/451 C	441.15/101.325	87-trcsp
797	**$C_{11}H_{24}$**		**4-Ethyl-2,3-dimethylheptane**				**61868-22-2**
l-g	5.71458	1365.42	–84	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
798	**$C_{11}H_{24}$**		**4-Ethyl-2,4-dimethylheptane**				**61868-25-5**
l-g	5.64981	1312.42	–83	443.15/443.15	423/453 C	443.15/101.325	87-trcsp
799	**$C_{11}H_{24}$**		**4-Ethyl-2,5-dimethylheptane**				**61868-28-8**
l-g	5.71719	1355.24	–83	448.15/448.15	428/458 C	448.15/101.325	87-trcsp
800	**$C_{11}H_{24}$**		**4-Ethyl-2,6-dimethylheptane**				**61868-31-3**
l-g	5.70768	1333.26	–83	443.15/443.15	423/453 C	443.15/101.325	87-trcsp
801	**$C_{11}H_{24}$**		**4-Ethyl-3,3-dimethylheptane**				**61868-32-4**
l-g	5.65845	1348.4	–84	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
802	**$C_{11}H_{24}$**		**4-Ethyl-3,4-dimethylheptane**				**61868-35-7**
l-g	5.66028	1352.73	–84	454.15/454.15	434/464 C	454.15/101.325	87-trcsp
803	**$C_{11}H_{24}$**		**4-Ethyl-3,5-dimethylheptane**				**61868-38-0**
l-g	5.71831	1374.22	–84	454.15/454.15	434/464 C	454.15/101.325	87-trcsp
804	**$C_{11}H_{24}$**		**5-Ethyl-2,2-dimethylheptane**				**62016-47-1**
l-g	5.65358	1321.07	–83	445.15/445.15	425/455 C	445.15/101.325	87-trcsp
805	**$C_{11}H_{24}$**		**5-Ethyl-2,3-dimethylheptane**				**61868-23-3**
l-g	5.7228	1368.44	–83	451.15/451.15	431/461 C	451.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
806	**$C_{11}H_{24}$**		**5-Ethyl-2,4-dimethylheptane**				**61868-26-6**
l-g	5.71907	1359.64	–83	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
807	**$C_{11}H_{24}$**		**5-Ethyl-2,5-dimethylheptane**				**61868-29-9**
l-g	5.6647	1347.05	–83	451.15/451.15	431/461 C	451.15/101.325	87-trcsp
808	**$C_{11}H_{24}$**		**5-Ethyl-3,3-dimethylheptane**				**61868-33-5**
l-g	5.65918	1334.06	–83	448.15/448.15	428/458 C	448.15/101.325	87-trcsp
809	**$C_{11}H_{24}$**		**3-Ethyl-2-methyloctane**				**62016-16-4**
l-g	5.75594	1395.64	–83	455.15/455.15	435/465 C	455.15/101.325	87-trcsp
810	**$C_{11}H_{24}$**		**3-Ethyl-3-methyloctane**				**17302-16-8**
l-g	5.70436	1390.13	–83	458.85/458.85	438/468 C	458.85/101.325	87-trcsp
811	**$C_{11}H_{24}$**		**3-Ethyl-4-methyloctane**				**62016-23-3**
l-g	5.74771	1392.58	–84	456.15/456.15	436/466 C	456.15/101.325	87-trcsp
812	**$C_{11}H_{24}$**		**3-Ethyl-5-methyloctane**				**62016-25-5**
l-g	5.75224	1386.78	–83	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
813	**$C_{11}H_{24}$**		**3-Ethyl-6-methyloctane**				**62016-22-2**
l-g	5.74586	1388.15	–84	455.15/455.15	435/465 C	455.15/101.325	87-trcsp
814	**$C_{11}H_{24}$**		**4-Ethyl-2-methyloctane**				**62016-17-5**
l-g	5.74476	1369.05	–83	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
815	**$C_{11}H_{24}$**		**4-Ethyl-3-methyloctane**				**62016-20-0**
l-g	5.74586	1388.15	–84	455.15/455.15	435/465 C	455.15/101.325	87-trcsp
816	**$C_{11}H_{24}$**		**4-Ethyl-4-methyloctane**				**17302-19-1**
l-g	5.68412	1357.88	–84	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
817	**$C_{11}H_{24}$**		**4-Ethyl-5-methyloctane**				**62016-24-4**
l-g	5.74212	1379.29	–84	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
818	**$C_{11}H_{24}$**		**5-Ethyl-2-methyloctane**				**62016-18-6**
l-g	5.74852	1377.91	–83	451.15/451.15	431/461 C	451.15/101.325	87-trcsp
819	**$C_{11}H_{24}$**		**5-Ethyl-3-methyloctane**				**62016-21-1**
l-g	5.74476	1369.05	–83	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
820	**$C_{11}H_{24}$**		**6-Ethyl-2-methyloctane**				**62016-19-7**
l-g	5.74586	1388.15	–84	455.15/455.15	435/465 C	455.15/101.325	87-trcsp
821	**$C_{11}H_{24}$**		**3-Ethylnonane**				**17302-11-3**
l-g	5.80117	1438.48	–82.15	461.15/461	441.15/471 C	461.15/101.325	87-trcsp
822	**$C_{11}H_{24}$**		**4-Ethylnonane**				**5911-05-7**
l-g	5.81418	1435.79	–80.15	457.15/457.15	437/467 C	457.15/101.325	87-trcsp
823	**$C_{11}H_{24}$**		**5-Ethylnonane**				**17302-12-4**
l-g	5.8124	1431.31	–80.15	456.15/456.15	436/466 C	456.15/101.325	87-trcsp
824	**$C_{11}H_{24}$**		**3-Ethyl-2,2,3,4-tetramethylpentane**				**61868-93-7**
l-g	5.58663	1353.59	–81.15	459.15/459.15	439/469 C	459.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
825	**$C_{11}H_{24}$**		**3-Ethyl-2,2,3-trimethylhexane**				**61868-72-2**
l-g	5.61709	1357.88	–80.15	456.15/456.15	436/466 C	456.15/101.325	87-trcsp
826	**$C_{11}H_{24}$**		**3-Ethyl-2,2,4-trimethylhexane**				**61868-74-4**
l-g	5.69162	1367.47	–77.15	448.15/448.15	428/458 C	448.15/101.325	87-trcsp
827	**$C_{11}H_{24}$**		**3-Ethyl-2,2,5-trimethylhexane**				**61868-76-6**
l-g	5.70307	1360.62	–75.15	443.15/443.15	423/453 C	443.15/101.325	87-trcsp
828	**$C_{11}H_{24}$**		**3-Ethyl-2,3,4-trimethylhexane**				**61868-79-9**
l-g	5.66323	1382.54	–82.15	460.15/460.15	440/470 C	460.15/101.325	87-trcsp
829	**$C_{11}H_{24}$**		**3-Ethyl-2,3,5-trimethylhexane**				**61868-81-3**
l-g	5.69333	1371.79	–77.15	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
830	**$C_{11}H_{24}$**		**3-Ethyl-2,4,4-trimethylhexane**				**61868-83-5**
l-g	5.68685	1373.06	–78.15	451.15/451.15	431/461 C	451.15/101.325	87-trcsp
831	**$C_{11}H_{24}$**		**3-Ethyl-2,4,5-trimethylhexane**				**61868-82-4**
l-g	5.74398	1390.63	–78.15	450.15/450.15	430/460 C	450.15/101.325	87-trcsp
832	**$C_{11}H_{24}$**		**3-Ethyl-3,4,4-trimethylhexane**				**61868-84-6**
l-g	5.58143	1351.62	–85.15	463.15/463.15	443/473 C	463.15/101.325	87-trcsp
833	**$C_{11}H_{24}$**		**4-Ethyl-2,2,3-trimethylhexane**				**61868-73-3**
l-g	5.69333	1371.79	–77.15	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
834	**$C_{11}H_{24}$**		**4-Ethyl-2,2,4-trimethylhexane**				**61868-75-5**
l-g	5.62798	1351.1	–78.15	451.15/451.15	431/461 C	451.15/101.325	87-trcsp
835	**$C_{11}H_{24}$**		**4-Ethyl-2,2,5-trimethylhexane**				**61868-77-7**
l-g	5.65713	1336.41	–73.15	439.15/439.15	419/449 C	439.15/101.325	87-trcsp
836	**$C_{11}H_{24}$**		**4-Ethyl-2,3,3-trimethylhexane**				**61868-78-8**
l-g	5.67578	1379.94	–80.15	456.15/456.15	436/466 C	456.15/101.325	87-trcsp
837	**$C_{11}H_{24}$**		**4-Ethyl-2,3,4-trimethylhexane**				**61868-80-2**
l-g	5.67578	1379.94	–80.15	456.15/456.15	436/466 C	456.15/101.325	87-trcsp
838	**$C_{11}H_{24}$**		**4-(1,1-Dimethylethyl)-heptane**				**60302-21-8**
l-g	5.65732	1329.73	–83	447.15/447.15	427/457 C	447.15/101.325	87-trcsp
839	**$C_{11}H_{24}$**		**2,2,3,3,4,4-Hexamethylpentane**				**60302-27-4**
l-g	5.46947	1319.69	–86.15	467.15/467.15	447/477 C	467.15/101.325	87-trcsp
840	**$C_{11}H_{24}$**		**2-Methyldecane**				**6975-98-0**
l-g	6.34703	1704.205	–68.371	273/380	273/344 B	336.88/1	74-osbdou
l-g	6.10717	1565.950	–80.503	333/463	342/465 A	462.31/101.325	74-osbdou, 59-terbri
841	**$C_{11}H_{24}$**		**3-Methyldecane**				**13151-34-3**
l-g	7.16185	2374.539	–3.448	340/464	335/470 B	463.98/101.325	59-terbri
842	**$C_{11}H_{24}$**		**4-Methyldecane**				**2847-72-5**
l-g	7.34504	2461.499	0.915	340/460	335/465 B	460.10/101.325	59-terbri

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
843	**$C_{11}H_{24}$**		**5-Methyldecane**				**13151-35-4**
l-g	7.23640	2407.056	0.372	339/450	340/465 B	459.81/101.325	59-terbri
844	**$C_{11}H_{24}$**		**2-Methyl-3-(1-methylethyl)heptane**				**6876-18-2**
l-g	5.7723	1406.06	–78.15	451.45/451.45	431/461 C	451.45/101.325	87-trcsp
845	**$C_{11}H_{24}$**		**2-Methyl-4-(1-methylethyl)heptane**				**61868-98-2**
l-g	5.79184	1400.86	–75.15	445.15/445.15	425/455 C	445.15/101.325	87-trcsp
846	**$C_{11}H_{24}$**		**3-Methyl-4-(1-methylethyl)heptane**				**61868-99-3**
l-g	5.78014	1407.86	–77.15	450.15/450.15	430/460 C	450.15/101.325	87-trcsp
847	**$C_{11}H_{24}$**		**4-Methyl-4-(1-methylethyl)heptane**				**61869-00-9**
l-g	5.70644	1384.07	–79.15	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
848	**$C_{11}H_{24}$**		**2-Methyl-4-propylheptane**				**61868-96-0**
l-g	5.81124	1411.85	–76.15	447.15/447.15	427/457 C	447.15/101.325	87-trcsp
849	**$C_{11}H_{24}$**		**3-Methyl-4-propylheptane**				**61868-97-1**
l-g	5.79958	1418.91	–78.15	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
850	**$C_{11}H_{24}$**		**4-Methyl-4-propylheptane**				**17302-20-4**
l-g	5.73896	1392.5	–78.15	451.15/451.15	431/461 C	451.15/101.325	87-trcsp
851	**$C_{11}H_{24}$**		**4-(1-Methylethyl)octane**				**62016-15-3**
l-g	5.79783	1414.46	–78.15	451.15/451.15	431/461 C	451.15/101.325	87-trcsp
852	**$C_{11}H_{24}$**		**2,2,3,3,4-Pentamethylhexane**				**61868-85-7**
l-g	5.59278	1352.32	–80.15	457.15/457.15	437/467 C	457.15/101.325	87-trcsp
853	**$C_{11}H_{24}$**		**2,2,3,3,5-Pentamethylhexane**				**61868-86-8**
l-g	5.61381	1336.8	–76.15	446.65/446.65	426/456 C	446.65/101.325	87-trcsp
854	**$C_{11}H_{24}$**		**2,2,3,4,4-Pentamethylhexane**				**61868-87-9**
l-g	5.58663	1353.59	–81.15	459.15/459.15	439/469 C	459.15/101.325	87-trcsp
855	**$C_{11}H_{24}$**		**2,2,3,4,5-Pentamethylhexane**				**61868-88-0**
l-g	5.67372	1360.83	–76.15	447.15/447.15	427/457 C	447.15/101.325	87-trcsp
856	**$C_{11}H_{24}$**		**2,2,3,5,5-Pentamethylhexane**				**14739-73-2**
l-g	5.63086	1326.8	–73.15	439.15/439.15	419/449 C	439.15/101.325	87-trcsp
857	**$C_{11}H_{24}$**		**2,2,4,4,5-Pentamethylhexane**				**60302-23-0**
l-g	5.60825	1340.14	–77.15	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
858	**$C_{11}H_{24}$**		**2,3,3,4,4-Pentamethylhexane**				**61868-89-1**
l-g	5.5883	1357.8	–81.15	460.15/460.15	440/470 C	460.15/101.325	87-trcsp
859	**$C_{11}H_{24}$**		**2,3,3,4,5-Pentamethylhexane**				**52670-33-4**
l-g	5.65612	1368.9	–79.15	454.15/454.15	434/464 C	454.15/101.325	87-trcsp
860	**$C_{11}H_{24}$**		**4-Propyloctane**				**17302-13-5**
l-g	4.04385	762.26	–79.15	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
861	**$C_{11}H_{24}$**		**2,2,3,3-Tetramethylheptane**				**61868-40-4**
l-g	5.62166	1352.36	–79.15	453.15/453.15	433/463 C	453.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
862	**$C_{11}H_{24}$**		**2,2,3,4-Tetramethylheptane**				**61868-41-5**
l-g	5.69333	1371.79	–77.15	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
863	**$C_{11}H_{24}$**		**2,2,3,5-Tetramethylheptane**				**61868-42-6**
l-g	5.68991	1363.15	–77.15	447.15/447.15	427/457 C	447.15/101.325	87-trcsp
864	**$C_{11}H_{24}$**		**2,2,3,6-Tetramethylheptane**				**61868-43-7**
l-g	5.69816	1366.2	–76.15	446.15/446.15	426/456 C	446.15/101.325	87-trcsp
865	**$C_{11}H_{24}$**		**2,2,4,4-Tetramethylheptane**				**61868-44-8**
l-g	5.63912	1344.36	–76.15	446.15/446.15	426/456 C	446.15/101.325	87-trcsp
866	**$C_{11}H_{24}$**		**2,2,4,5-Tetramethylheptane**				**61868-45-9**
l-g	5.70136	1356.3	–75.15	442.15/442.15	422/452 C	442.15/101.325	87-trcsp
867	**$C_{11}H_{24}$**		**2,2,4,6-Tetramethylheptane**				**61868-46-0**
l-g	5.73045	1356.55	–71.15	435.35/435.35	415/445.35 C	435.35/101.325	87-trcsp
868	**$C_{11}H_{24}$**		**2,2,5,5-Tetramethylheptane**				**61868-47-1**
l-g	5.65713	1336.41	–73.15	439.15/439.15	419/449 C	439.15/101.325	87-trcsp
869	**$C_{11}H_{24}$**		**2,2,5,6-Tetramethylheptane**				**61868-48-2**
l-g	5.71143	1363.7	–74.15	442.15/442.15	422/452 C	442.15/101.325	87-trcsp
870	**$C_{11}H_{24}$**		**2,2,6,6-Tetramethylheptane**				**40117-45-1**
l-g	5.6722	1338.26	–71.15	436.15/436.15	416/446 C	436.15/101.325	87-trcsp
871	**$C_{11}H_{24}$**		**2,3,3,4-Tetramethylheptane**				**61868-49-3**
l-g	5.67406	1375.63	–80.15	455.15/455.15	435/465 C	455.15/101.325	87-trcsp
872	**$C_{11}H_{24}$**		**2,3,3,5-Tetramethylheptane**				**61868-50-6**
l-g	5.69333	1371.79	–77.15	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
873	**$C_{11}H_{24}$**		**2,3,3,6-Tetramethylheptane**				**61868-51-7**
l-g	5.69162	1367.47	–77.15	448.15/448.15	428/458 C	448.15/101.325	87-trcsp
874	**$C_{11}H_{24}$**		**2,3,4,4-Tetramethylheptane**				**61868-52-8**
l-g	5.68685	1373.06	–78.15	451.15/451.15	431/461 C	451.15/101.325	87-trcsp
875	**$C_{11}H_{24}$**		**2,3,4,5-Tetramethylheptane**				**61868-53-9**
l-g	5.74745	1399.41	–78.15	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
876	**$C_{11}H_{24}$**		**2,3,4,6-Tetramethylheptane**				**61868-54-0**
l-g	5.75894	1392.44	–76.15	447.15/447.15	427/457 C	447.15/101.325	87-trcsp
877	**$C_{11}H_{24}$**		**2,3,5,5-Tetramethylheptane**				**61868-55-1**
l-g	5.70646	1369.27	–75.15	445.15/445.15	425/455 C	445.15/101.325	87-trcsp
878	**$C_{11}H_{24}$**		**2,3,5,6-Tetramethylheptane**				**52670-32-3**
l-g	5.76066	1396.84	–76.15	448.15/448.15	428/458 C	448.15/101.325	87-trcsp
879	**$C_{11}H_{24}$**		**2,4,4,5-Tetramethylheptane**				**61868-56-2**
l-g	5.69986	1370.53	–76.15	447.15/447.15	427/457 C	447.15/101.325	87-trcsp
880	**$C_{11}H_{24}$**		**2,4,4,6-Tetramethylheptane**				**61868-57-3**
l-g	5.73344	1364.35	–71.15	437.15/437.15	417/447 C	437.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
881	**$C_{11}H_{24}$**		**2,4,5,5-Tetramethylheptane**				**61868-58-4**
l-g	5.69333	1371.79	–77.15	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
882	**$C_{11}H_{24}$**		**3,3,4,4-Tetramethylheptane**				**61868-59-5**
l-g	5.60919	1354.9	–81.15	457.15/457.15	437/467 C	457.15/101.325	87-trcsp
883	**$C_{11}H_{24}$**		**3,3,4,5-Tetramethylheptane**				**61868-60-8**
l-g	5.67234	1371.31	–80.15	454.15/454.15	434/464 C	454.15/101.325	87-trcsp
884	**$C_{11}H_{24}$**		**3,3,5,5-Tetramethylheptane**				**61868-61-9**
l-g	5.61199	1345.14	–80.15	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
885	**$C_{11}H_{24}$**		**3,4,4,5-Tetramethylheptane**				**61868-62-0**
l-g	5.66948	1381.24	–81.15	458.15/458.15	438/468 C	458.15/101.325	87-trcsp
886	**$C_{11}H_{24}$**		**2,2,3-Trimethyloctane**				**62016-26-6**
l-g	5.70471	1379.72	–79.15	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
887	**$C_{11}H_{24}$**		**2,2,4-Trimethyloctane**				**18932-14-4**
l-g	5.7318	1376.79	–75.15	444.65/444.65	424/454 C	444.65/101.325	87-trcsp
888	**$C_{11}H_{24}$**		**2,2,5-Trimethyloctane**				**62016-27-7**
l-g	5.73095	1374.61	–75.15	444.15/444.15	424/454 C	444.15/101.325	87-trcsp
889	**$C_{11}H_{24}$**		**2,2,6-Trimethyloctane**				**62016-28-8**
l-g	5.72601	1380.23	–76.15	447.15/447.15	427/457 C	447.15/101.325	87-trcsp
890	**$C_{11}H_{24}$**		**2,2,7-Trimethyloctane**				**62016-29-9**
l-g	5.7243	1375.87	–76.15	446.15/446.15	426/456 C	446.15/101.325	87-trcsp
891	**$C_{11}H_{24}$**		**2,3,3-Trimethyloctane**				**62016-30-2**
l-g	5.70003	1385.37	–80.15	455.15/455.15	435/465 C	455.15/101.325	87-trcsp
892	**$C_{11}H_{24}$**		**2,3,4-Trimethyloctane**				**62016-31-3**
l-g	5.7652	1406.05	–79.15	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
893	**$C_{11}H_{24}$**		**2,3,5-Trimethyloctane**				**62016-32-4**
l-g	5.77002	1400.32	–78.15	450.15/450.15	430/460 C	450.15/101.325	87-trcsp
894	**$C_{11}H_{24}$**		**2,3,6-Trimethyloctane**				**62016-33-5**
l-g	5.7652	1406.05	–79.15	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
895	**$C_{11}H_{24}$**		**2,3,7-Trimethyloctane**				**62016-34-6**
l-g	5.76344	1401.63	–79.15	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
896	**$C_{11}H_{24}$**		**2,4,4-Trimethyloctane**				**62016-35-7**
l-g	5.73095	1374.61	–75.15	444.15/444.15	424/454 C	444.15/101.325	87-trcsp
897	**$C_{11}H_{24}$**		**2,4,5-Trimethyloctane**				**62016-36-8**
l-g	5.7784	1403.44	–77.15	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
898	**$C_{11}H_{24}$**		**2,4,6-Trimethyloctane**				**62016-37-9**
l-g	7.36004	2372.375	1.896	327/442	330/445 B	441.18/101.325	59-terbri
899	**$C_{11}H_{24}$**		**2,4,7-Trimethyloctane**				**62016-38-0**
l-g	5.7901	1396.44	–75.15	444.15/444.15	424/454 C	444.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
900	**$C_{11}H_{24}$**		**2,5,5-Trimethyloctane**				**62016-39-1**
l-g	5.73265	1378.97	–75.15	445.15/445.15	425/455 C	445.15/101.325	87-trcsp
901	**$C_{11}H_{24}$**		**2,5,6-Trimethyloctane**				**62016-14-2**
l-g	5.77177	1404.74	–78.15	451.15/451.15	431/461 C	451.15/101.325	87-trcsp
902	**$C_{11}H_{24}$**		**2,6,6-Trimethyloctane**				**54166-32-4**
l-g	5.71943	1381.5	–77.15	449.15/449.15	429/459 C	449.15/101.325	87-trcsp
903	**$C_{11}H_{24}$**		**3,3,4-Trimethyloctane**				**62016-40-4**
l-g	5.70003	1385.37	–80.15	455.15/455.15	435/465 C	455.15/101.325	87-trcsp
904	**$C_{11}H_{24}$**		**3,3,5-Trimethyloctane**				**62016-41-5**
l-g	5.72601	1380.23	–76.15	447.15/447.15	427/457 C	447.15/101.325	87-trcsp
905	**$C_{11}H_{24}$**		**3,3,6-Trimethyloctane**				**62016-42-6**
l-g	5.72114	1385.85	–77.15	450.15/450.15	430/460 C	450.15/101.325	87-trcsp
906	**$C_{11}H_{24}$**		**3,4,4-Trimethyloctane**				**62016-43-7**
l-g	5.70816	1388.42	–79.15	454.15/454.15	434/464 C	454.15/101.325	87-trcsp
907	**$C_{11}H_{24}$**		**3,4,5-Trimethyloctane**				**62016-44-8**
l-g	5.76695	1410.46	–79.15	454.15/454.15	434/464 C	454.15/101.325	87-trcsp
908	**$C_{11}H_{24}$**		**3,4,6-Trimethyloctane**				**62016-45-9**
l-g	5.78359	1416.7	–77.15	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
909	**$C_{11}H_{24}$**		**3,5,5-Trimethyloctane**				**61868-94-8**
l-g	5.7243	1375.87	–76.15	446.15/446.15	426/456 C	446.15/101.325	87-trcsp
910	**$C_{11}H_{24}$**		**4,4,5-Trimethyloctane**				**61868-95-9**
l-g	5.70644	1384.07	–79.15	453.15/453.15	433/463 C	453.15/101.325	87-trcsp
911	**$C_{11}H_{24}$**		**2,2,4-Trimethyl-3-(1-methylethyl)pentane**				**61868-90-4**
l-g	5.69685	1365.72	–73.15	443.15/443.15	423/453 C	443.15/101.325	87-trcsp
912	**$C_{11}H_{24}$**		**2,3,4-Trimethyl-3-(1-methylethyl)pentane**				**61868-91-5**
l-g	5.75576	1417.51	–81.15	459.15/459.15	439/469 C	459.15/101.325	87-trcsp
913	**$C_{11}H_{24}$**		**Undecane**				**1120-21-4**
l-g	6.0971	1569.57	–85.45	356/499	346/509 B	469.08/101.325	74-trchc

2.4 Hydrocarbons, C_{12} to C_{16}

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
914	**$C_{12}H_8$**		**Acenaphthylene**				**208-96-8**
cr-g	9.70593	3781.506	–1.688	298/323	280/325 B	299.31/0.001	83-sonzol, 83-wasmil
915	**$C_{12}H_8$**		**Biphenylene**				**259-79-0**
cr-g	10.11522	3643.971	–31.115	338/384	330/385 B	358.95/0.1	80-osbsco
l-g	6.76186	2320.271	–51.020	338/408	338/385 B, 385/410 A	394.16/1	80-osbsco Note 5
916	**$C_{12}H_{10}$**		**Acenaphthene**				**83-32-9**
cr-g	4.32951	1266.801	–136.333	291/310	290/310 C	309.17/0.001	59-aih
cr-g	9.20403	3076.294	–56.060	338/367	335/367 B	357.54/0.1	75-osbdou
l-g	6.36589	2089.345	–71.070	367/413	367/415 A	399.28/1	75-osbdou
917	**$C_{12}H_{10}$**		**1,1-Biphenyle**				**92-52-4**
cr-g	11.53653	4286.853	–0.985	280/334	280/340 C	295.89/0.001	84-burarm, 89-sakiwa, 89-sasngu
l-g	6.38864	1983.110	–75.034	349/413	345/360 B, 360/413 A	400.80/2	89-chikni, 80-nashwa
l-g	6.19175	1845.010	–87.641	408/600	408/578 A, 578/600 B	528.40/101.325	89-chikni, 80-nashwa
918	**$C_{12}H_{12}$**		**1,2-Dimethylnaphthalene**				**573-98-8**
l-g	6.13095	1805.31	–101.78	411/543	401/553 B	539.45/101.325	83-trchc
919	**$C_{12}H_{12}$**		**1,8-Dimethylnaphthalene**				**569-41-5**
cr-g	10.77415	4134.725	0.000	328/335	325/336 C	331.49/0.02	75-osbdou
l-g	6.46079	2142.688	–67.816	338/413	336/415 B	399.46/1	75-osbdou
920	**$C_{12}H_{12}$**		**2,3-Dimthylnaphthalene**				**581-40-8**
cr-g	10.41071	3892.614	–15.545	280/373	285/377 C	356.68/0.1	79-coljim-1, 75-osbdou
l-g	6.13064	1870.841	–88.952	378/408	377/410 B	394.11/1	79-coljim-1, 75-osbdou
921	**$C_{12}H_{12}$**		**2,6-Dimethylnaphthalene**				**581-42-0**
cr-g	8.08437	2322.457	–99.905	348/383	345/383 B	376.87/0.5	75-osbdou
l-g	5.14789	1302.307	–135.697	384/418	383/420 A	388.68/1	75-osbdou
922	**$C_{12}H_{12}$**		**2,7-Dimethylnaphthalene**				**582-16-1**
cr-g	10.87172	3985.576	–16.212	333/368	330/369 B	351.93/0.1	75-osbdou
l-g	6.44046	2067.247	–68.063	368/398	368/400 A	389.04/1	75-osbdou
923	**$C_{12}H_{12}$**		**1-Ethylnaphthalene**				**1127-76-0**
l-g	6.15649	1841.32	–87.87	402/565	392/575 B	531.48/101.325	83-trchc
924	**$C_{12}H_{12}$**		**2-Ethylnaphthalene**				**939-27-5**
l-g	6.20056	1880.73	–82.74	401/565	391/575 B	531.08/101.325	83-trchc
925	**$C_{12}H_{16}$**		**1-(1-Methylethenyl)-4-(1-methylethyl)-benzene**				**2388-14-9**
l-g	6.73904	2137.1	–43.15	403/479	393/489 B		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
926	**$C_{12}H_{16}$**		**Cyclohexylbenzene**				**827-52-1**
l-g	6.11546	1785.307	–78.775	333/513	330/430 C, 430/520 B	513.18/101.325	50-fenmye, 90-sohoka
927	**$C_{12}H_{16}$**		**Dicyclohexadiene**				**62357-80-6**
l-g	3.62901	379.481	–271.365	377/505	375/505 D	505.14/101.325	39-ale
928	**$C_{12}H_{16}$**		**1,4,4a,5,6,8a-Hexahydro-1,2-ethanonaphthalene**				**900000-01-3**
l-g	3.6488	383.37	–270.9	377/505	367/515 C		79-dykrep
929	**$C_{12}H_{16}$**		**4-Isopropyl-1-isopropenylbenzene**				**2715-29-9**
l-g	6.52598	1950.622	–63.156	408/495	400/500 B	494.68/101.325	49-dremar, 49-dreshr
930	**$C_{12}H_{18}$**		**1-*cis*,-5-*trans*,9-*trans*-Cyclododekatriene**				**4904-61-4**
l-g	6.2845	2014.782	–43.15	344/387	344/387 C	363.75/1	78-pavpop Note 2
l-g	7.6403	2512.659	–43.15	400/423	400/423 C	421.55/10	78-pavpop Note 2
l-g	6.4189	2031.837	–43.15	427/503	427/504 C	503.55/101.325	78-pavpop Note 2
931	**$C_{12}H_{18}$**		**1-*trans*,-5-*trans*,9-*cis*-Cyclododekatriene**				**2765-29-9**
l-g	9.9859	3552	0.000	-	280/310 C	296.35/0.01	73-raugey Note 2
932	**$C_{12}H_{18}$**		**1-*trans*,-5-*trans*,9-*trans*-Cyclododekatriene**				**676-22-2**
l-g	11.3309	3930	0.000	-	280/315 C	294.80/0.01	73-raugey Note 2
933	**$C_{12}H_{18}$**		**1,2-Diisopropylbenzene**				**577-55-9**
l-g	6.1049	1619.5	–81.820	388/476	385/480 C	476.90/101.325	48-melwoo Note 3
934	**$C_{12}H_{18}$**		**1,3-Diisopropylbenzene**				**99-62-7**
l-g	6.65357	2034.645	–37.559	307/475	305/485 B	475.32/101.325	47-stu
935	**$C_{12}H_{18}$**		**1,4-Diisopropylbenzene**				**100-18-5**
l-g	6.08176	1637.782	–81.533	366/484	365/490 B	483.34/101.325	55-myefen
936	**$C_{12}H_{18}$**		**Geijerene**				**6902-73-4**
l-g	7.3077	2497.2	0	348/404	338/414 C		79-dykrep
937	**$C_{12}H_{18}$**		**Hexamethylbenzene**				**87-85-4**
cr-g	9.32037	3350.169	–42.816	303/343	295/310 C, 310/370 B	367.43/0.1	76-amblaw Note 6
938	**$C_{12}H_{18}$**		**Hexylbenzene**				**1077-16-3**
l-g	6.1081	1698.61	–85.15	378/531	368/541 B	499.25/101.325	93-trchc
939	**$C_{12}H_{18}$**		**2-Isopropenyl-1-methyl-1-vinyl-3-cyclohexene**				**6902—73-4**
l-g	5.25200	1192.315	–115.439	348/404	345/410 C	395.85/10	64-sut
940	**$C_{12}H_{18}$**		**1,2,4-Triethylbenzene**				**877-44-1**
l-g	6.67603	2114.348	–39.000	319/491	315/495 C	491.72/101.325	47-stu

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
941	**$C_{12}H_{20}$**		**1-Ethyladamantane**				**770-69-4**
l-g	6.57834	2078.390	–37.561	368/491	365/495 C	492.09/101.325	60-hallan
942	**$C_{12}H_{22}$**		***cis,cis*-Bicyclohexyl**				**92-51-3**
l-g	5.81921	1561.913	–101.351	424/577	420/580 B	510.93/101.325	80-wiekob
943	**$C_{12}H_{22}$**		**1-Dodecyne**				**765-03-7**
l-g	6.08074	1598.011	–96.528	439/489	400/420 B, 420/490 A	488.67/101.325	86-eiselv, 86-elvkud
944	**$C_{12}H_{22}$**		**2-Dodecyne**				**629-49-2**
l-g	5.89235	1472.787	–118.377	448/497	405/426 B, 426/499 A	497.31/101.325	86-eiselv, 86-elvkud
945	**$C_{12}H_{22}$**		**3-Dodecyne**				**6790-27-8**
l-g	6.09969	1610.348	–99.010	443/493	400/420 B, 420/494 A	492.36/101.325	86-eiselv, 86-elvkud
946	**$C_{12}H_{22}$**		**4-Dodecyne**				**22058-01-3**
l-g	5.59803	1273.938	–136.886	442/492	400/492 B	491.51/101.325	86-eiselv, 86-elvkud
947	**$C_{12}H_{22}$**		**5-Dodecyne**				**19780-12-2**
l-g	6.10701	1616.897	–96.537	441/490	402/432 B, 432/491 A	490.78/101.325	86-eiselv, 86-elvkud
948	**$C_{12}H_{22}$**		**6-Dodecyne**				**6975-99-1**
l-g	6.08451	1602.707	–97.679	441/490	400/430 B, 430/491 A	490.62/101.325	86-eiselv, 86-elvkud
949	**$C_{12}H_{22}$**		**Spiro[5.6]dodecane**				**181-15-7**
l-g	12.26330	5236.700	0.000	389/430	389/490 C	427.02/1	65-nar
950	**$C_{12}H_{24}$**		**Cyclododecane**				**294-62-2**
l-g	6.13992	1833.726	–73.187	386/471	380/460 A	429.95/10	76-meyhot
l-g	5.98849	1722.266	–84.716	440/528	454/530 A	517.14/101.325	76-meyhot
951	**$C_{12}H_{24}$**		**1-Dodecene**				**112-41-4**
l-g	6.90815	2082.23	–54.65	240/365	237.9/365 C	486.56/101.325	86-trchc
l-g	6.10097	1621.11	–90.7	365/508	365/498 B		86-trchc
l-g	6.10097 (–1.94073)	1621.11 (–26982)	–90.7 (6.26185)	508/663	498/657.2 B		86-trchc
952	**$C_{12}H_{24}$**		***cis*-2-Dodecene**				**7206-26-0**
l-g	6.09562	1624.146	–92.478	440/490	410/440 B, 440/490 A	489.59/101.325	86-eiselv, 83-elvkuu
953	**$C_{12}H_{24}$**		***trans*-2-Dodecene**				**7206-13-5**
l-g	6.11533	1625.309	–93.080	439/489	415/439 B, 439/489 A	488.57/101.325	86-eiselv, 83-elvkuu
954	**$C_{12}H_{24}$**		***cis*-3-Dodecene**				**7239-23-8**
l-g	6.09605	1620.149	–90.868	437/487	405/435 B, 435/488 A	486.96/101.325	86-eiselv, 83-elvkuu

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
955	**$C_{12}H_{24}$**		***cis*-4-Dodecene**				**7206-27-1**
l-g	6.09477	1621.975	–89.458	436/486	415/438 B, 438/488 A	486.12/101.325	86-eiselv, 83-elvkuu
956	**$C_{12}H_{24}$**		***trans*-4-Dodecene**				**7206-15-7**
l-g	6.09863	1619.338	–90.716	437/486	415/437 B, 437/487 A	486.36/101.325	86-eiselv, 83-elvkuu
957	**$C_{12}H_{24}$**		***trans*-5-Dodecene**				**7206-16-8**
l-g	6.09516	1618.554	–90.618	437/486	425/487 B	486.41/101.325	86-eiselv, 83-elvkuu
958	**$C_{12}H_{24}$**		***cis*-6-Dodecene**				**7206-29-3**
l-g	6.08901	1616.733	–89.491	436/486	435/487 B	485.43/101.325	86-eiselv, 83-elvkuu
959	**$C_{12}H_{24}$**		***trans*-6-Dodecene**				**7206-17-9**
l-g	5.89529	1472.777	–107.729	437/487	439/488 B	486.38/101.325	86-eiselv, 83-elvkuu
960	**$C_{12}H_{24}$**		**Heptylcyclopentane**				**5617-42-5**
l-g	6.0992	1672.2	-88.75	377/529	369/539 C	497.05/101.325	54-trchc
961	**$C_{12}H_{24}$**		**Hexylcyclohexane**				**4292-75-5**
l-g	6.0804	1681	–85.35	376/530	366/540 C	497.85/101.325	92-trchc
962	**$C_{12}H_{26}$**		**3,3-Diethyl-2,2-dimethylhexane**				**62199-88-6**
l-g	5.59852	1386.82	–90.15	476.15/476.15	456/486 D	476.15/101.325	87-trcsp
963	**$C_{12}H_{26}$**		**3,3-Diethyl-2,4-dimethylhexane**				**62184-92-3**
l-g	5.66334	1426.47	–90.15	480.15/480.15	460/490 D	480.15/101.325	87-trcsp
964	**$C_{12}H_{26}$**		**3,3-Diethyl-2,5-dimethylhexane**				**62184-94-5**
l-g	5.66451	1397.66	–88.15	470.15/470.15	450/480 D	470.15/101.325	87-trcsp
965	**$C_{12}H_{26}$**		**3,3-Diethyl-4,4-dimethylhexane**				**62184-96-7**
l-g	5.6015	1409.55	–91.15	483.15/483.15	463/493 D	483.15/101.325	87-trcsp
966	**$C_{12}H_{26}$**		**3,4-Diethyl-2,2-dimethylhexane**				**62199-89-7**
l-g	5.68625	1402.28	–85.15	466.15/466.15	446/476 D	466.15/101.325	87-trcsp
967	**$C_{12}H_{26}$**		**3,4-Diethyl-2,3-dimethylhexane**				**62184-90-1**
l-g	5.65802	1413.44	–90.15	477.15/477.15	457/487 D	477.15/101.325	87-trcsp
968	**$C_{12}H_{26}$**		**3,4-Diethyl-2,4-dimethylhexane**				**62184-93-4**
l-g	5.65083	1396.08	–90.15	473.15/473.15	453/483 D	473.15/101.325	87-trcsp
969	**$C_{12}H_{26}$**		**3,4-Diethyl-2,5-dimethylhexane**				**62184-95-6**
l-g	5.73463	1416.99	–86.15	466.15/466.15	446/476 D	466.15/101.325	87-trcsp
970	**$C_{12}H_{26}$**		**3,4-Diethyl-3,4-dimethylhexane**				**62184-97-8**
l-g	5.6015	1409.55	–91.15	483.15/483.15	463/493 D	483.15/101.325	87-trcsp
971	**$C_{12}H_{26}$**		**4,4-Diethyl-2,2-dimethylhexane**				**62184-89-8**
l-g	5.59319	1374	–90.15	473.15/473.15	453/483 D	473.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
972	**$C_{12}H_{26}$**		**4,4-Diethyl-2,3-dimethylhexane**				**62184-91-2**
l-g	5.65802	1413.44	–90.15	477.15/477.15	457/487 D	477.15/101.325	87-trcsp
973	**$C_{12}H_{26}$**		**3,3-Diethyl-2-methylheptane**				**62198-90-7**
l-g	5.68178	1418.96	–90.15	476.15/476.15	456/486 D	476.15/101.325	87-trcsp
974	**$C_{12}H_{26}$**		**3,3-Diethyl-4-methylheptane**				**62199-01-3**
l-g	5.68538	1427.71	–90.15	478.15/478.15	458/488 D	478.15/101.325	87-trcsp
975	**$C_{12}H_{26}$**		**3,3-Diethyl-5-methylheptane**				**62199-00-2**
l-g	5.68412	1408.83	–89.15	472.15/472.15	452/482 D	472.15/101.325	87-trcsp
976	**$C_{12}H_{26}$**		**3,4-Diethyl-2-methylheptane**				**62198-91-8**
l-g	5.76396	1435.65	–86.15	468.15/468.15	448/478 D	468.15/101.325	87-trcsp
977	**$C_{12}H_{26}$**		**3,4-Diethyl-3-methylheptane**				**62198-96-3**
l-g	5.68773	1417.57	–89.15	474.15/474.15	454/484 D	474.15/101.325	87-trcsp
978	**$C_{12}H_{26}$**		**3,4-Diethyl-4-methylheptane**				**62199-02-4**
l-g	5.68773	1417.57	–89.15	474.15/474.15	454/484 D	474.15/101.325	87-trcsp
979	**$C_{12}H_{26}$**		**3,4-Diethyl-5-methylheptane**				**62198-99-6**
l-g	5.70155	1419.2	–87.15	471.15/471.15	451/481 D	471.15/101.325	87-trcsp
980	**$C_{12}H_{26}$**		**3,5-Diethyl-2-methylheptane**				**62198-92-9**
l-g	5.76396	1435.65	–86.15	468.15/468.15	448/478 D	468.15/101.325	87-trcsp
981	**$C_{12}H_{26}$**		**3,5-Diethyl-3-methylheptane**				**62198-97-4**
l-g	5.69976	1414.82	–87.15	470.15/470.15	450/480 D	470.15/101.325	87-trcsp
982	**$C_{12}H_{26}$**		**3,5-Diethyl-4-methylheptane**				**62199-03-5**
l-g	5.73398	1427.92	–90.15	473.15/473.15	453/483 D	473.15/101.325	87-trcsp
983	**$C_{12}H_{26}$**		**4,4-Diethyl-2-methylheptane**				**62198-93-0**
l-g	5.70407	1409.07	–86.15	467.15/467.15	447/477 D	467.15/101.325	87-trcsp
984	**$C_{12}H_{26}$**		**4,4-Diethyl-3-methylheptane**				**62198-98-5**
l-g	5.68358	1423.33	–90.15	477.15/477.15	457/487 D	477.15/101.325	87-trcsp
985	**$C_{12}H_{26}$**		**4,5-Diethyl-2-methylheptane**				**62198-94-1**
l-g	5.76032	1426.75	–86.15	466.15/466.15	446/476 D	466.15/101.325	87-trcsp
986	**$C_{12}H_{26}$**		**5,5-Diethyl-2-methylheptane**				**62198-95-2**
l-g	5.70155	1419.2	–87.15	471.15/471.15	451/481 D	471.15/101.325	87-trcsp
987	**$C_{12}H_{26}$**		**3,3-Diethyloctane**				**17302-40-8**
l-g	5.71095	1437.63	–90.15	478.15/478.15	458/488 C	478.15/101.325	87-trcsp
988	**$C_{12}H_{26}$**		**3,4-Diethyloctane**				**62183-92-0**
l-g	5.76744	1440.74	–89.15	472.15/472.15	452/482 D	472.15/101.325	87-trcsp
989	**$C_{12}H_{26}$**		**3,5-Diethyloctane**				**62183-93-1**
l-g	5.78344	1446.87	–87.15	470.15/470.15	450/480 D	470.15/101.325	87-trcsp
990	**$C_{12}H_{26}$**		**3,6-Diethyloctane**				**62183-94-2**
l-g	5.76321	1446.63	–90.15	475.15/475.15	455/485 D	475.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
991	**$C_{12}H_{26}$**		**4,4-Diethyloctane**				**17312-42-4**
l-g	5.70185	1415.62	–90.15	473.15/473.15	453/483 C	473.15/101.325	87-trcsp
992	**$C_{12}H_{26}$**		**4,5-Diethyloctane**				**1636-41-5**
l-g	5.77358	1439.32	–88.15	470.15/470.15	450/480 C	470.15/101.325	87-trcsp
993	**$C_{12}H_{26}$**		**3,3-Diethyl-2,2,4-trimethylpentane**				**62185-15-3**
l-g	5.569	1382.55	–91.15	479.15/479.15	459/489 D	479.15/101.325	87-trcsp
994	**$C_{12}H_{26}$**		**2,2-Dimethyldecane**				**17302-37-3**
l-g	5.70369	1420.02	–90.15	474.15/474.15	454/484 C	473.95/101.325	87-trcsp
995	**$C_{12}H_{26}$**		**2,3-Dimethyldecane**				**17312-44-6**
l-g	7.44169	2654.392	8.576	354/480	350/485 B	479.73/101.325	59-terbri
996	**$C_{12}H_{26}$**		**2,4-Dimethyldecane**				**2801-84-5**
l-g	7.32676	2516.352	1.203	348/472	340/475 B	471.70/101.325	59-terbri
997	**$C_{12}H_{26}$**		**2,5-Dimethyldecane**				**17312-50-4**
l-g	5.78526	1451.34	–87.15	471.15/471.15	451/481 C	471.15/101.325	87-trcsp
998	**$C_{12}H_{26}$**		**2,6-Dimethyldecane**				**13150-81-7**
l-g	5.78526	1451.34	–87.15	471.15/471.15	451/481 C	471.15/101.325	87-trcsp
999	**$C_{12}H_{26}$**		**2,7-Dimethyldecane**				**17312-51-5**
l-g	5.76321	1446.63	–90.15	475.15/475.15	455/485 C	475.15/101.325	87-trcsp
1000	**$C_{12}H_{26}$**		**2,8-Dimethyldecane**				**17312-52-6**
l-g	5.76689	1455.57	–90.15	477.15/477.15	457/487 C	477.15/101.325	87-trcsp
1001	**$C_{12}H_{26}$**		**2,9-Dimethyldecane**				**1002-17-1**
l-g	5.76689	1455.57	–90.15	477.15/477.15	457/487 C	477.15/101.325	87-trcsp
1002	**$C_{12}H_{26}$**		**3,3-Dimethyldecane**				**17302-38-4**
l-g	5.70733	1428.82	–90.15	476.15/476.15	456/486 C	476.15/101.325	87-trcsp
1003	**$C_{12}H_{26}$**		**3,4-Dimethyldecane**				**17312-45-7**
l-g	5.75903	1452.53	–91.15	478.15/478.15	458/488 C	478.15/101.325	87-trcsp
1004	**$C_{12}H_{26}$**		**3,5-Dimethyldecane**				**17312-48-0**
l-g	5.75949	1437.69	–90.15	473.15/473.15	453/483 C	473.15/101.325	87-trcsp
1005	**$C_{12}H_{26}$**		**3,6-Dimethyldecane**				**17312-53-7**
l-g	5.76135	1442.16	–90.15	474.15/474.15	454/484 C	474.15/101.325	87-trcsp
1006	**$C_{12}H_{26}$**		**3,7-Dimethyldecane**				**17312-54-8**
l-g	5.76321	1446.63	–90.15	475.15/475.15	455/485 C	475.15/101.325	87-trcsp
1007	**$C_{12}H_{26}$**		**3,8-Dimethyldecane**				**17312-55-9**
l-g	5.75903	1452.53	–91.15	478.15/478.15	458/488 C	478.15/101.325	87-trcsp
1008	**$C_{12}H_{26}$**		**4,4-Dimethyldecane**				**17312-39-9**
l-g	5.70968	1418.62	–89.15	472.15/472.15	452/482 C	472.15/101.325	87-trcsp
1009	**$C_{12}H_{26}$**		**4,5-Dimethyldecane**				**17312-46-8**
l-g	5.76321	1446.63	–90.15	475.15/475.15	455/485 C	475.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1010	**$C_{12}H_{26}$**		**4,6-Dimethyldecane**				**17312-49-1**
l-g	5.76558	1436.27	–89.15	471.15/471.15	451/481 C	471.15/101.325	87-trcsp
1011	**$C_{12}H_{26}$**		**4,7-Dimethyldecane**				**17312-56-0**
l-g	5.76744	1440.74	–89.15	472.15/472.15	452/482 C	472.15/101.325	87-trcsp
1012	**$C_{12}H_{26}$**		**5,5-Dimethyldecane**				**17453-92-8**
l-g	5.73515	1432.1	–86.15	470.15/470.15	450/480 C	471.15/101.325	87-trcsp
1013	**$C_{12}H_{26}$**		**5,6-Dimethyldecane**				**1636-43-7**
l-g	5.76135	1442.16	–90.15	474.15/474.15	454/484 C	474.15/101.325	87-trcsp
1014	**$C_{12}H_{26}$**		**2,2-Dimethyl-3-(1-methylethyl)heptane**				**62185-37-9**
l-g	5.69064	1396.59	–84.15	463.15/463.15	443/473 D	463.15/101.325	87-trcsp
1015	**$C_{12}H_{26}$**		**2,2-Dimethyl-4-(1-methylethyl)heptane**				**62185-38-0**
l-g	5.70594	1383.88	–81.15	455.15/455.15	435/465 D	455.15/101.325	87-trcsp
1016	**$C_{12}H_{26}$**		**2,3-Dimethyl-3-(1-methylethyl)heptane**				**62185-39-1**
l-g	5.65264	1400.42	–90.15	474.15/474.15	454/484 D	474.15/101.325	87-trcsp
1017	**$C_{12}H_{26}$**		**2,3-Dimethyl-4-(1-methylethyl)heptane**				**62185-40-4**
l-g	7.45412	2075.84	–84.15	465.15/465.15	445/475 D	465.15/101.325	87-trcsp
1018	**$C_{12}H_{26}$**		**2,4-Dimethyl-3-(1-methylethyl)heptane**				**62185-41-5**
l-g	7.45412	2075.84	–84.15	465.15/465.15	445/475 D	465.15/101.325	87-trcsp
1019	**$C_{12}H_{26}$**		**2,4-Dimethyl-4-(1-methylethyl)heptane**				**62185-42-6**
l-g	5.69416	1405.3	–84.15	465.15/465.15	445/475 D	465.15/101.325	87-trcsp
1020	**$C_{12}H_{26}$**		**2,5-Dimethyl-3-(1-methylethyl)heptane**				**62185-43-7**
l-g	7.44893	2062.97	–84.15	463.15/463.15	443/473 D	463.15/101.325	87-trcsp
1021	**$C_{12}H_{26}$**		**2,5-Dimethyl-4-(1-methylethyl)heptane**				**62185-44-8**
l-g	7.4607	2067.44	–83.15	462.15/462.15	442/472 D	462.15/101.325	87-trcsp
1022	**$C_{12}H_{26}$**		**2,6-Dimethyl-3-(1-methylethyl)heptane**				**62185-45-9**
l-g	7.45101	2068.12	–84.15	463.95/463.95	443/473 D	463.95/101.325	87-trcsp
1023	**$C_{12}H_{26}$**		**2,6-Dimethyl-4-(1-methylethyl)heptane**				**35866-89-8**
l-g	7.47413	2050.65	–81.15	456.15/456.15	436/466 D	456.15/101.325	87-trcsp
1024	**$C_{12}H_{26}$**		**3,3-Dimethyl-4-(1-methylethyl)heptane**				**62185-46-0**
l-g	5.70729	1421.4	–83.15	467.15/467.15	447/477 D	467.15/101.325	87-trcsp
1025	**$C_{12}H_{26}$**		**3,4-Dimethyl-4-(1-methylethyl)heptane**				**62185-47-1**
l-g	5.65264	1400.42	–90.15	474.15/474.15	454/484 D	474.15/101.325	87-trcsp
1026	**$C_{12}H_{26}$**		**3,5-Dimethyl-4-(1-methylethyl)heptane**				**62198-89-4**
l-g	7.44503	2077.82	–85.15	467.15/467.15	447/477 D	467.15/101.325	87-trcsp
1027	**$C_{12}H_{26}$**		**3-(1,1-Dimethylethyl)-2,2-dimethylhexane**				**62199-76-2**
l-g	5.59805	1375.86	–86.15	469.15/469.15	449/479 D	469.15/101.325	87-trcsp
1028	**$C_{12}H_{26}$**		**2,2-Dimethyl-4-propylheptane**				**62185-29-9**
l-g	5.71554	1387.47	–83.15	457.15/457.15	437/467 D	457.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1029	**$C_{12}H_{26}$**		**2,3-Dimethyl-4-propylheptane**				**62185-30-2**
l-g	7.4708	2087.66	–85.15	467.15/467.15	447/477 D	467.15/101.325	87-trcsp
1030	**$C_{12}H_{26}$**		**2,4-Dimethyl-4-propylheptane**				**62185-31-3**
l-g	5.71465	1401.97	–84.15	462.15/462.15	442/472 D	462.15/101.325	87-trcsp
1031	**$C_{12}H_{26}$**		**2,5-Dimethyl-4-propylheptane**				**62185-32-4**
l-g	7.47471	2072.75	–84.15	463.15/463.15	443/473 D	463.15/101.325	87-trcsp
1032	**$C_{12}H_{26}$**		**2,6-Dimethyl-4-propylheptane**				**62185-33-5**
l-g	7.47499	2048.79	–83.15	457.75/457.75	437/467 D	457.75/101.325	87-trcsp
1033	**$C_{12}H_{26}$**		**3,3-Dimethyl-4-propylheptane**				**62185-34-6**
l-g	5.70764	1417.83	–86.15	469.15/469.15	449/479 D	469.15/101.325	87-trcsp
1034	**$C_{12}H_{26}$**		**3,4-Dimethyl-4-propylheptane**				**62185-35-7**
l-g	5.70155	1419.2	–87.15	471.15/471.15	451/481 D	471.15/101.325	87-trcsp
1035	**$C_{12}H_{26}$**		**3,5-Dimethyl-4-propylheptane**				**62185-36-8**
l-g	7.46175	2089.66	–86.15	469.15/469.15	449/479 D	469.15/101.325	87-trcsp
1036	**$C_{12}H_{26}$**		**Dodecane**				**112-40-3**
l-g	6.7931	2023.9	–61.1	289/367	279/367 C	489.47/101.325	74-trchc
l-g	6.12285	1639.27	–91.315	367/520	367/530 B		74-trchc
1037	**$C_{12}H_{26}$**		**3-Ethyldecane**				**17085-96-0**
l-g	5.79137	1479.05	–91.15	481.85/481.85	461/491 C	481.85/101.325	87-trcsp
1038	**$C_{12}H_{26}$**		**4-Ethyldecane**				**1636-44-8**
l-g	5.79245	1465.47	–90.15	477.15/477.15	457/487 C	477.15/101.325	87-trcsp
1039	**$C_{12}H_{26}$**		**5-Ethyldecane**				**17302-36-2**
l-g	5.78874	1456.46	–90.15	475.15/475.15	455/485 C	475.15/101.325	87-trcsp
1040	**$C_{12}H_{26}$**		**3-Ethyl-2,2-dimethyloctane**				**62183-95-3**
l-g	5.69797	1410.44	–87.15	469.15/469.15	449/479 D	469.15/101.325	87-trcsp
1041	**$C_{12}H_{26}$**		**3-Ethyl-2,3-dimethyloctane**				**62183-99-7**
l-g	5.67998	1414.59	–90.15	475.15/475.15	455/485 D	475.15/101.325	87-trcsp
1042	**$C_{12}H_{26}$**		**3-Ethyl-2,4-dimethyloctane**				**62184-03-6**
l-g	5.74797	1429.54	–88.15	470.15/470.15	450/480 D	470.15/101.325	87-trcsp
1043	**$C_{12}H_{26}$**		**3-Ethyl-2,5-dimethyloctane**				**62184-07-0**
l-g	5.76214	1431.2	–86.15	467.15/467.15	447/477 D	467.15/101.325	87-trcsp
1044	**$C_{12}H_{26}$**		**3-Ethyl-2,6-dimethyloctane**				**62183-51-1**
l-g	5.74797	1429.54	–88.15	470.15/470.15	450/480 D	470.15/101.325	87-trcsp
1045	**$C_{12}H_{26}$**		**3-Ethyl-2,7-dimethyloctane**				**62183-55-5**
l-g	5.75595	1432.59	–87.15	469.15/469.15	449/479 D	469.15/101.325	87-trcsp
1046	**$C_{12}H_{26}$**		**3-Ethyl-3,4-dimethyloctane**				**62212-28-6**
l-g	5.68178	1418.96	–90.15	476.15/476.15	456/486 D	476.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1047	**$C_{12}H_{26}$**		**3-Ethyl-3,5-dimethyloctane**				**62183-63-5**
l-g	5.69797	1410.44	–87.15	469.15/469.15	449/479 D	469.15/101.325	87-trcsp
1048	**$C_{12}H_{26}$**		**3-Ethyl-3,6-dimethyloctane**				**62183-67-9**
l-g	5.68412	1408.83	–89.15	472.15/472.15	452/482 D	472.15/101.325	87-trcsp
1049	**$C_{12}H_{26}$**		**3-Ethyl-4,4-dimethyloctane**				**62183-69-1**
l-g	5.6823	1404.45	–89.15	471.15/471.15	451/481 D	471.15/101.325	87-trcsp
1050	**$C_{12}H_{26}$**		**3-Ethyl-4,5-dimethyloctane**				**62183-72-6**
l-g	5.74187	1430.95	–89.15	472.15/472.15	452/482 D	472.15/101.325	87-trcsp
1051	**$C_{12}H_{26}$**		**3-Ethyl-4,6-dimethyloctane**				**62183-66-8**
l-g	5.74797	1429.54	–88.15	470.15/470.15	450/480 D	470.15/101.325	87-trcsp
1052	**$C_{12}H_{26}$**		**3-Ethyl-5,5-dimethyloctane**				**62183-71-5**
l-g	5.69867	1395.93	–86.15	464.15/464.15	444/474 D	464.15/101.325	87-trcsp
1053	**$C_{12}H_{26}$**		**4-Ethyl-2,2-dimethyloctane**				**62183-96-4**
l-g	5.71106	1393.21	–84.15	460.15/460.15	440/470 D	460.15/101.325	87-trcsp
1054	**$C_{12}H_{26}$**		**4-Ethyl-2,3-dimethyloctane**				**62184-00-3**
l-g	5.74797	1429.54	–88.15	470.15/470.15	450/480 D	470.15/101.325	87-trcsp
1055	**$C_{12}H_{26}$**		**4-Ethyl-2,4-dimethyloctane**				**62184-04-7**
l-g	5.75665	1417.85	–86.15	464.15/464.15	444/474 D	464.15/101.325	87-trcsp
1056	**$C_{12}H_{26}$**		**4-Ethyl-2,5-dimethyloctane**				**62184-08-1**
l-g	5.75849	1422.3	–86.15	465.15/465.15	445/475 D	465.15/101.325	87-trcsp
1057	**$C_{12}H_{26}$**		**4-Ethyl-2,6-dimethyloctane**				**62183-52-2**
l-g	5.76475	1420.91	–85.15	463.15/463.15	443/473 D	463.15/101.325	87-trcsp
1058	**$C_{12}H_{26}$**		**4-Ethyl-2,7-dimethyloctane**				**62183-56-6**
l-g	5.76475	1420.91	–85.15	463.15/463.15	443/473 D	463.15/101.325	87-trcsp
1059	**$C_{12}H_{26}$**		**4-Ethyl-3,3-dimethyloctane**				**62183-57-7**
l-g	5.69192	1411.82	–88.15	471.15/471.15	451/481 D	471.15/101.325	87-trcsp
1060	**$C_{12}H_{26}$**		**4-Ethyl-3,4-dimethyloctane**				**62183-60-2**
l-g	5.74554	1439.83	–89.15	474.15/474.15	454/484 D	474.15/101.325	87-trcsp
1061	**$C_{12}H_{26}$**		**4-Ethyl-3,5-dimethyloctane**				**62183-64-6**
l-g	5.74797	1429.54	–88.15	470.15/470.15	450/480 D	470.15/101.325	87-trcsp
1062	**$C_{12}H_{26}$**		**3-Ethyl-2,4-dimethyl-3-(1-methylethyl)-pentane**				**62185-16-4**
l-g	5.62666	1404.92	–91.15	479.15/479.15	459/489 D	479.15/101.325	87-trcsp
1063	**$C_{12}H_{26}$**		**4-(1,1-Dimethylethyl)-2-methylheptane**				**62185-23-3**
l-g	5.69154	1382.18	–83.15	458.15/458.15	438/468 D	458.15/101.325	87-trcsp
1064	**$C_{12}H_{26}$**		**4-(1,1-Dimethylethyl)-3-methylheptane**				**62185-24-4**
l-g	5.69064	1396.59	–84.15	463.15/463.15	443/473 D	463.15/101.325	87-trcsp
1065	**$C_{12}H_{26}$**		**4-(1,1-Dimethylethyl)-4-methylheptane**				**62185-25-5**
l-g	5.60842	1379.84	–88.15	471.15/471.15	451/481 D	471.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1066	**$C_{12}H_{26}$**		**2-Methylundecane**				**7045-71-8**
l-g	7.35107	2595.288	2.215	356/483	350/484 B	483.31/101.325	59-terbri
1067	**$C_{12}H_{26}$**		**3-Methylundecane**				**1002-43-3**
l-g	7.28197	2549.868	–1.128	357/485	355/485 B	484.40/101.325	59-terbri
1068	**$C_{12}H_{26}$**		**4-Methylundecane**				**2980-69-0**
l-g	7.66807	2730.377	1.933	360/480	355/485 B	480.27/101.325	59-terbri
1069	**$C_{12}H_{26}$**		**5-Methylundecane**				**1632-70-8**
l-g	7.53928	2676.893	3.913	357/480	355/485 B	479.84/101.325	59-terbri
1070	**$C_{12}H_{26}$**		**4-(1,1-Dimethylethyl)octane**				**62184-32-1**
l-g	5.71821	1410.74	–84.15	464.15/464.15	444/474 D	464.15/101.325	87-trcsp
1071	**$C_{12}H_{26}$**		**3,3,6,6-Tetramethyloctane**				**62199-46-6**
l-g	5.29205	1073.800	–136.101	347/463	347/463 B	462.85/101.325	52-birgri
1072	**$C_{12}H_{26}$**		**2,4,6-Trimethylnonane**				**62184-10-5**
l-g	7.33160	2444.247	–0.262	339/459	335/460 B	459.20/101.325	59-terbri
1073	**$C_{13}H_{10}$**		**Fluorene**				**86-73-7**
cr-g	8.91036	3245.362	–45.893	348/388	322/388 C	373.37/0.1	75-osbdou, 88-sasjos Note 7
cr-g	5.33196	1547.377	–133.083	307/348	305/350 C	344.13/0.01	86-inoara-1
l-g	6.99668	2753.518	–18.374	424/572	420/572 B	570.07/101.325	82-sivkob
l-g	7.47494	3283.925	30.361	524/640	568/640 B	626.71/300	82-sivkob
1074	**$C_{13}H_{12}$**		**Diphenylmethane**				**101-81-5**
cr-g	9.79557	3740.286	0.000	273/298	270/299 C	292.31/0.001	89-sasngu
l-g	6.19796	1885.888	–88.292	333/647	320/647 C	538.14/101.325	89-sasngu, 80-wiekob
1075	**$C_{13}H_{14}$**		**1-Isopropylnaphthalene**				**6158-45-8**
l-g	6.01078	1737.16	–107.3	402/541	392/551 C	540.94/101.325	79-dykrep
1076	**$C_{13}H_{14}$**		**2-Isopropylnaphthalene**				**2027-17-0**
l-g	5.80904	1605.76	–119.2	402/541	392/551 C	541.35/101.325	79-dykrep
1077	**$C_{13}H_{18}$**		**1,1,4,6-Tetramethylindane**				**941-60-6**
l-g	6.39314	1909.809	–71.028	313/400	310/375 B	369.756/1	78-osbsco
	6.32819	1867.076	–74.721	363/469	371/438 A	425.14/10	78-osbsco
1078	**$C_{13}H_{18}$**		**1,1,4,7-Tetramethylindane**				**1078-04-2**
l-g	6.38091	1956.451	–68.235	313/438	310/432 B	374.85/1	78-osbsco
	6.28713	1893.799	–73.639	383/469	429/470 A	431.83/10	78-osbsco
1079	**$C_{13}H_{20}$**		**Heptylbenzene**				**1078-71-3**
l-g	6.1013	1747.97	–93.15	394/553	384/563 B	519.25/101.325	93-trchc
1080	**$C_{13}H_{22}$**		**Dodecahydro-fluoranthene**				**5744-03-6**
l-g	9.12063	4127.275	68.717	332/391	332/395 B	383.80/1	84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1081	**$C_{13}H_{24}$**		**3-Octylcyclopentene**				**66324-48-9**
l-g	6.30407	1871.872	–77.263	460/513	435/513 B	512.75/101.325	86-eiselv, 86-elvkud
1082	**$C_{13}H_{24}$**		**1-Tridecyne**				**26186-02-7**
l-g	6.80621	2201.395	–48.499	457/507	435/508 B	507.08/101.325	86-eiselv, 86-elvkud
1083	**$C_{13}H_{24}$**		**2-Tridecyne**				**28467-75-6**
l-g	6.4092	1982	–68.15	392/550	384/558 C	518.15/101.325	88-trchc
1084	**$C_{13}H_{24}$**		**3-Tridecyne**				**60186-78-9**
l-g	6.41004	1955.52	–67.15	387/543	380/550 C	511.15/101.325	88-trchc
1085	**$C_{13}H_{24}$**		**5-Tridecyne**				**60186-80-5**
l-g	7.53736	2869.634	10.291	459/509	420/438 B, 438/509 A	508.48/101.325	86-eiselv, 86-elvkud
1086	**$C_{13}H_{24}$**		**6-Tridecyne**				**42371-66-4**
l-g	7.61302	2955.497	18.742	459/508	415/437 B, 437/509 A	508.34/101.325	86-eiselv, 86-elvkud
1087	**$C_{13}H_{26}$**		**Heptylcyclohexane**				**5617-41-4**
l-g	6.0992	1743	–92.25	393/551	393/551 C	518.05/101.325	92-trchc
1088	**$C_{13}H_{26}$**		**Octylcyclopentane**				**1795-20-6**
l-g	6.1145	1729.8	–95.85	393/549	385/557 C	516.65/101.325	54-trchc
1089	**$C_{13}H_{26}$**		**1-Tridecene**				**2437-56-1**
l-g	6.97097	2184.3	–58.15	252/382	250.1/382 C	505.99/101.325	86-trchc
l-g	6.10592	1672	–98.2	382/528	382/520 B		86-trchc
l-g	6.10592 (2.0776)	1672 (6251)	–98.2	528/676	520/674.8 B		86-trchc
1090	**$C_{13}H_{26}$**		**5-Tridecene**				**42714-71-3**
l-g	6.35989	1869.488	–76.225	455/505	410/508 B	505.58/101.325	86-eiselv
1091	**$C_{13}H_{26}$**		**6-Tridecene**				**24949-38-0**
l-g	6.54186	2010.694	–61.931	454/505	410/506 B	505.19/101.325	86-eiselv
1092	**$C_{13}H_{28}$**		**5-Butylnonane**				**17312-63-9**
l-g	9.58557	4117.482	70.686	298/364	295/365 C	358.86/1	55-schwhi-1
1093	**$C_{13}H_{28}$**		**5-Butyl-4-nonane**				**7367-38-6**
l-g	7.33348	2399.011	–28.264	310/362	310/365 B	355.40/1	87-trchc
1094	**$C_{13}H_{28}$**		**2,3-Dimethylundecane**				**17312-77-5**
l-g	7.28629	2605.618	–5.740	369/499	365/505 C	499.17/101.325	59-terbri
1095	**$C_{13}H_{28}$**		**2,4-Dimethylundecane**				**17312-80-0**
l-g	7.55212	2717.116	–0.076	365/490	360/495 B	489.96/101.325	59-terbri
1096	**$C_{13}H_{28}$**		**2-Methyldodecane**				**1560-97-0**
l-g	7.44399	2732.182	–0.147	373/502	370/505 B	502.55/101.325	59-terbri

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1097	**$C_{13}H_{28}$**		**3-Methyldodecane**				**17312-57-1**
l-g	7.31967	2652.930	–4.187	373/503	370/505 B	503.43/101.325	59-terbri
1098	**$C_{13}H_{28}$**		**4-Methyldodecane**				**6117-97-1**
l-g	7.50510	2762.032	1.426	373/501	365/505 B	500.82/101.325	59-terbri
1099	**$C_{13}H_{28}$**		**5-Methyldodecane**				**17453-93-9**
l-g	7.29711	2638.099	–1.121	369/500	360/505 B	499.69/101.325	59-terbri
1100	**$C_{13}H_{28}$**		**Tridecane**				**629-50-5**
l-g	6.9054	2151.6	–63.03	291/384	281/384 C	508.62/101.325	74-trchc
l-g	6.13246	1690.67	–98.93	384/540	384/550 B		74-trchc
1101	**$C_{13}H_{28}$**		**2,4,6-Trimethyldecane**				**62108-27-4**
l-g	7.36741	2576.172	3.057	352/477	350/480 B	477.42/101.325	59-terbri
1102	**$C_{14}H_{10}$**		**Anthracene**				**120-12-7**
cr-g	10.5899	4903.3	–1.58	299/430	299/432 D	614.55/101.325	79-dykrep
l-g	7.47799	3612.44	44.91	504/615	500/617 C		79-dykrep
1103	**$C_{14}H_{10}$**		**Phenanthrene**				**85-01-8**
cr-g	11.631	4873.4	0.05	306/321	296/331 C	611.55/101.325	77-trchc
l-g	6.37081	2329.54	–77.87	356/650	346/660 B		77-trchc
1104	**$C_{14}H_{12}$**		**9,10-Dihydroanthracene**				**613-31-0**
cr-g	10.47530	4090.224	–25.161	280/379	280/380 D	353.03/0.01	58-hoypep, 75-malbar
1105	**$C_{14}H_{12}$**		**9,10-Dihydrophenanthrene**				**776-35-2**
l-g	7.86088	3341.4	0	417/453	417/453 D	590.15/101.325	84-dykrep
1106	**$C_{14}H_{12}$**		**1,1-Diphenylethene**				**530-48-3**
l-g	6.57176	2238.502	–60.761	350/550	350/551 C	551.01/101.325	55-schwhi-1, 47-stu
1107	**$C_{14}H_{12}$**		***cis*-1,2-Diphenylethylene**				**645-49-8**
l-g	8.66151	3496.695	0.295	282/373	280/320 C, 320/415 B	403.41/1	52-braple, 50-noynoy
1108	**$C_{14}H_{12}$**		***trans*-1,2-Diphenylethylene**				**103-30-0**
cr-g	10.90316	4257.392	–32.401	297/364	295/365 C	362.35/0.01	84-bouoon, 83-offdek, 83-vanjac
1109	**$C_{14}H_{14}$**		**1,1-Diphenylethane**				**612-00-0**
l-g	5.79054	1705.085	–104.085	323/405	320/405 C	398.54/1	82-joepsc, 55-schwhi-1
1110	**$C_{14}H_{14}$**		**1,2-Diphenylethane**				**103-29-7**
cr-g	3.31181	729.844	–187.926	293/323	293/323 C	303.56/0.001	89-sasngu
l-g	6.64324	2235.333	–67.459	333/413	333/415 B	403.94/1	80-osbsco, 89-sasngu

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1111	**$C_{14}H_{14}$**		**2,2'-Dimethylbiphenyl**				**605-39-0**
cr-g	8.9539	3428	0.000	283/288	280/288 B	286.77/0.001	49-pincza Note 3
1112	**$C_{14}H_{14}$**		**3,3'-Dimethylbiphenyl**				**612-75-9**
cr-g	9.210	3754	0.000	288/309	280/309 B	307.45/0.001	49-pincza Note 3
1113	**$C_{14}H_{16}$**		**1-Butylnaphthalene**				**1634-09-9**
l-g	4.088	656.8	–247.15	420/568	412/576 C	562.54/101.325	69-trchc
1114	**$C_{14}H_{16}$**		**2-Butylnaphthalene**				**1134-62-9**
l-g	5.7366	1591.4	–134.65	427/565	417/575 B	561.15/101.325	69-trchc
1115	**$C_{14}H_{16}$**		**1-(1,1-Dimethylethyl)-naphthalene**				**17085-91-5**
l-g	5.3419	1334.9	–151.25	416/556	409/564 C	551.45/101.325	69-trchc
1116	**$C_{14}H_{16}$**		**2-(1,1-Dimethylethyl)-naphthalene**				**2876-35-9**
l-g	5.2403	1283.5	–156.45	416/558	408/566 C	553.25/101.325	69-trchc
1117	**$C_{14}H_{18}$**		**1,2,3,4,5,6,7,8-Octahydroanthracene**				**1079-71-6**
l-g	7.41842	2878.11	–35.25	368/598	424/608 B	567.15/101.325	77-trchc
1118	**$C_{14}H_{18}$**		**1,2,3,4,5,6,7,8-Octahydro-phenanthrene**				**5325-97-3**
l-g	7.93617	3325.49	–8.75001	360/556	429/566 B	568.15/101.325	77-trchc
1119	**$C_{14}H_{20}$**		**1-Cyclohexyl-1-phenylethane**				**4413-16-5**
l-g	9.39687	3697.220	0.000	355/400	355/400 C	393.45/1	55-schwhi-1, 58-tresch
1120	**$C_{14}H_{20}$**		**1-Cyclohexyl-2-phenylethane**				**1603-61-8**
l-g	7.93156	3170.788	0.000	370/410	370/410 C	399.77/1	55-schwhi-1
1121	**$C_{14}H_{20}$**		**1-Cyclopentyl-3-phenylpropane**				**2883-12-7**
l-g	8.00582	3200.751	0.000	370/410	370/410 C	399.80/1	55-schwhi-1
1122	**$C_{14}H_{20}$**		**1,8-Cyclotetradecadiyne**				**1540-80-3**
cr-g	6.94180	898.901	–220.016	317/333	310/335 C	371.30/0.01	64-fribau
1123	**$C_{14}H_{22}$**		**1,3-*tert*-Dibutylbenzene**				**1014-60-4**
l-g	8.27530	3027.259	0.000	345/374	345/378 C	365.82/1	49-pincza
1124	**$C_{14}H_{22}$**		**1,4-*tert*-Dibutylbenzene**				**1012-72-2**
cr-g	14.871	4346	0	285/325	275/335 C		79-dykrep
1125	**$C_{14}H_{22}$**		**Octylbenzene**				**2189-60-8**
l-g	6.6814	2196.05	–66.38	266/406	256/406 B	537.55/101.325	93-trchc
l-g	6.1103	1799.5	–99.15	406/571	406/581 B		93-trchc
1126	**$C_{14}H_{22}$**		**2-Phenyloctane**				**777-22-0**
l-g	8.33643	3215.816	0.000	361/392	361/395 C	385.75/1	55-schwhi-1
1127	**$C_{14}H_{22}$**		**1,2,3,4-Tetraethylbenzene**				**642-32-0**
l-g	4.73335	827.513	–223.285	400/524	400/530 C	526.67/101.325	40-smigus-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1128	**$C_{14}H_{22}$**		**1,2,3,5-Tetraethylbenzene**				**38842-05-6**
l-g	4.72209	822.353	–219.062	410/520	410/525 C	521.80/101.325	40-smigus-1
1129	**$C_{14}H_{22}$**		**1,2,4,5-Tetraethylbenzene**				**635-81-4**
l-g	6.83413	2358.438	–32.913	338/521	335/525 C	521.360/101.325	40-smigus-1, 47-stu
1130	**$C_{14}H_{24}$**		***trans-cisoid-trans*-Perhydroanthracene**				**1755-19-7**
cr-g	7.03057	2059.2	–95.65	291/358	283/366 C	545.15/101.325	77-trchc
1131	**$C_{14}H_{24}$**		***trans-transoid-trans*-Perhydroanthracene**				**28071-99-0**
cr-g	3.07169	836.47	–151.85	270/323	263/333 B		77-trchc
1132	**$C_{14}H_{24}$**		**Perhydrophenanthrene**				**5743-97-5**
l-g	2.81015	439.137	–235.85	367/478	394/488 B		77-trchc
1133	**$C_{14}H_{26}$**		**1-Cyclohexyl-3-cyclopentylpropane**				**2883-07-0**
l-g	8.49515	3370.247	0.000	371/403	371/403 C	383.15/0.5	55-schwhi-1
1134	**$C_{14}H_{26}$**		**1,1-Dicyclohexylethane**				**2319-61-1**
l-g	8.19444	3245.106	0.000	370/393	370/393 C	381.98/0.5	55-schwhi-1
1135	**$C_{14}H_{26}$**		**1,2-Dicyclohexylethane**				**3321-50-4**
l-g	8.61411	3414.386	0.000	368/402	368/402 C	382.99/0.5	55-schwhi-1
1136	**$C_{14}H_{26}$**		**1-Tetradecyne**				**765-10-6**
l-g	6.4817	2046	–68.15	399/557	391/565 C	525.15/101.325	88-trchc
1137	**$C_{14}H_{26}$**		**2-Tetradecyne**				**638-60-8**
l-g	7.42716	2813.581	–12.779	459/531	440/532 B	531.75/101.325	86-eiselv, 86-elvkud
1138	**$C_{14}H_{26}$**		**3-Tetradecyne**				**60212-32-0**
l-g	6.89515	2325.642	–52.086	455/530	440/530 B	527.73/101.325	86-eiselv, 86-elvkud
1139	**$C_{14}H_{26}$**		**5-Tetradecyne**				**60212-34-2**
l-g	6.49160	2014.621	–77.774	430/529	410/529 B	526.88/101.325	86-eiselv, 86-elvkud
1140	**$C_{14}H_{26}$**		**6-Tetradecyne**				**3730-08-0**
l-g	6.94709	2403.461	–39.850	450/530	440/530 B	526.25/101.325	86-eiselv, 86-elvkud
1141	**$C_{14}H_{26}$**		**7-Tetradecyne**				**35216-11-6**
l-g	5.60982	1349.250	–150.227	450/525	435/525 B	524.59/101.325	86-eiselv, 86-elvkud
1142	**$C_{14}H_{28}$**		**2-*tert*-Butyl-4-methyl-1-isopropylcyclohexane**				**900000-02-4**
l-g	6.77821	2233.366	-37.000	330/505	330/510 B	504.97/101.325	55-myefen
1143	**$C_{14}H_{28}$**		**(1-Methyheptyl)-cyclohexane**				**2883-05-8**
l-g	8.07679	3154.070	0.000	304/397	304/397 C	378.48/0.5	55-schwhi-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1144	**$C_{14}H_{28}$**		**Cyclotetradecane**				**295-17-0**
cr-g	21.28671	7205.734	0.000	293/313	293/299 D, 299/314 C	309.44/0.01	64-fribau
1145	**$C_{14}H_{28}$**		**2,2,3,5,5,6,6-Heptamethyl-3-heptene**				**54845-26-0**
l-g	5.93499	1629.336	–74.699	303/355	303/490 C	489.36/101.325	55-schwhi-1, 50-whirop
1146	**$C_{14}H_{28}$**		**Nonylcyclopentane**				**2882-98-6**
l-g	6.1209	1779	–102.95	408/569	400/577 C	535.15/101.325	54-trchc
1147	**$C_{14}H_{28}$**		**Octylcyclohexane**				**1795-15-9**
l-g	8.33380	3276.770	0.000	367/399	367/399 C	379.48/0.5	55-schwhi-1
1148	**$C_{14}H_{28}$**		**1-Tetradecene**				**1120-36-1**
l-g	7.01856	2275.82	–62.07	263/398	260.3/398 C	524.32/101.325	86-trchc
l-g	6.15555	1754.09	–101.63	398/558	398/548 B		86-trchc
l-g	6.15555 (2.48157)	1754.09 (11191)	–101.63	558/691	548/691 B		86-trchc
1149	**$C_{14}H_{28}$**		***trans*-6-Tetradecene**				**41446-64-4**
l-g	5.82820	1515.931	–127.473	471/524	449/524 B	524.06/101.325	86-eiselv
1150	**$C_{14}H_{28}$**		***trans*-7-Tetradecene**				**41446-63-3**
l-g	5.61527	1389.994	–139.423	471/525	448/525 B	524.51/101.325	86-eiselv
1151	**$C_{14}H_{30}$**		**2,3-Dimethyldodecane**				**6117-98-2**
l-g	7.72589	3086.972	20.930	385/518	380/520 B	518.73/101.325	55-schwhi-1, 59-terbri
1152	**$C_{14}H_{30}$**		**2,4-Dimethyldodecane**				**6117-99-3**
l-g	7.44869	2751.206	–3.769	379/509	375/510 B	509.23/101.325	59-petser, 59-terbri
1153	**$C_{14}H_{30}$**		**2,2,3,3,5,6,6,-Heptamethylheptane**				**7225-67-4**
l-g	6.28918	1877.525	–61.602	313/366	310/368 B	360.13/1	55-schwhi-1
1154	**$C_{14}H_{30}$**		**2-Methytridecane**				**1560-96-9**
l-g	7.46838	2811.137	–5.959	388/520	385/525 B	520.57/101.325	59-petser, 59-terbri
1155	**$C_{14}H_{30}$**		**3-Methyltridecane**				**6418-41-3**
l-g	7.46778	2823.374	–4.721	398/521	385/525 B	521.63/101.325	59-petser, 59-terbri
1156	**$C_{14}H_{30}$**		**4-Methyltridecane**				**26730-12-1**
l-g	7.44055	2807.123	–3.246	387/520	385/525 B	519.75/101.325	59-petser, 59-terbri
1157	**$C_{14}H_{30}$**		**5-Methyltridecane**				**25117-31-1**
l-g	7.44406	2808.637	–1.771	385/518	380/520 B	518.22/101.325	59-petser, 59-terbri

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1158	**$C_{14}H_{30}$**		**7-Methyltridecane**				**26730-14-3**
l-g	8.05634	3081.493	0.000	357/389	355/390 C	382.49/1	59-petser, 59-terbri
1159	**$C_{14}H_{30}$**		**Tetradecane**				**629-59-4**
cr-g	14.8552	4261	–48.15	270/278	260/279 C	526.73/101.325	74-trchc
l-g	6.94289	2236.75	–66.88	280/399	279/399 B		74-trchc
l-g	6.1379	1740.88	–105.43	399/559	399/569 B		74-trchc
1160	**$C_{14}H_{30}$**		**2,4,6-Trimethylundecane**				**107771-01-7**
l-g	7.66059	2770.400	–0.699	368/491	365/495 B	490.61/101.325	59-terbri
1161	**$C_{15}H_{12}$**		**9-Methylanthracene**				**779-02-2**
l-g	6.68327	2959.682	–5.782	423/588	423/587 B, 587/638 C	638.52/101.325	83-sivkob
1162	**$C_{15}H_{12}$**		**4-Methylphenanthrene**				**832-64-4**
l-g	6.88170	2737.714	–60.835	368/452	368/370 D, 370/400 C, 400/459 B	408.19/0.1	89-chihos
l-g	6.50635	2456.998	–81.053	447/487	447/459 B, 459/472 A	458.68/1	89-chihos
l-g	6.31795	2298.698	–95.002	472/638	472/640 A	628.07/101.325	89-chihos
1163	**$C_{15}H_{16}$**		**1,3-Diphenylpropane**				**1081-75-0**
l-g	7.615	3211	0.000	342/577	342/577 D	572.44/101.325	59-giltom
1164	**$C_{15}H_{16}$**		**Dibenzylmethane, 1,3-Diphenylpropane**				**25167-94-6**
l-g	7.615	3211	0.000	344/577	344/577 C	572.44/101.325	59-giltom Note 2
1165	**$C_{15}H_{18}$**		**1-Pentylnaphthalene**				**86-89-5**
l-g	6.18165	1992.669	–91.711	362/469	360/466 C	414.06/1	55-myefen
l-g	6.85544	2446.427	–58.110	469/562	466/565 C	562.56/101.325	55-myefen
1166	**$C_{15}H_{24}$**		**Cadinene**				**29350-73-0**
l-g	7.65354	2910.63	–32.76	374/548	364/558 C		79-dykrep
1167	**$C_{15}H_{24}$**		**Nonylbenzene**				**1081-77-2**
l-g	6.3127	2006.69	–90.69	280/421	270/421 C	555.15/101.325	93-trchc
l-g	6.1114	1843.5	–106.15	421/590	421/600 C		93-trchc
1168	**$C_{15}H_{28}$**		**1-Pentadecyne**				**765-13-9**
l-g	6.5278	2134	–70.15	413/575	405/583 C	542.15/101.325	88-trchc
1169	**$C_{15}H_{28}$**		**2-Pentadecyne**				**52112-25-1**
l-g	6.5217	2181	–70.15	421/587	416/595 C	553.15/101.325	88-trchc
1170	**$C_{15}H_{28}$**		**3-Pentadecyne**				**61886-61-1**
l-g	6.52032	2144.4	–69.15	414/577	410/585 C	544.15/101.325	88-trchc
1171	**$C_{15}H_{30}$**		**Decylcyclopentane**				**1795-21-7**
l-g	6.12839	1825.75	–109.671	423/586	415/594 C	552.53/101.325	54-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1172	**$C_{15}H_{30}$**		**Nonylcyclohexane**				**2883-02-5**
l-g	6.1255	1850.2	–105.55	423/589	423/589 C	554.65/101.325	92-trchc
1173	**$C_{15}H_{30}$**		**1-Pentadecene**				**13360-61-7**
l-g	7.05807	2359.59	–65.96	274/410	269.4/410 C	541.61/101.325	86-trchc
l-g	6.14781	1788.58	–109.8	415/568	410/558 B		86-trchc
l-g	6.14781 (2.04532)	1788.58 (10435)	–109.8	568/706	558/705.8 C		86-trchc
1174	**$C_{15}H_{32}$**		**2,3-Dimethyltridecane**				**18435-20-6**
l-g	7.76176	3209.963	20.891	399/536	395/540 B	536.78/101.325	59-terbri
1175	**$C_{15}H_{32}$**		**2,4-Dimethyltridecane**				**61868-05-1**
l-g	7.73517	2996.938	–0.027	393/523	390/530 B	523.10/101.325	59-petser, 59-terbri
1176	**$C_{15}H_{32}$**		**2-Methyltetradecane**				**1560-95-8**
l-g	7.61609	2995.510	–3.191	403/537	403/545 B	537.11/101.325	59-terbri
1177	**$C_{15}H_{32}$**		**3-Methyltetradecane**				**18435-22-8**
l-g	7.61222	2999.182	–3.208	403/538	400/545 B	538.15/101.325	59-terbri
1178	**$C_{15}H_{32}$**		**4-Methyltetradecane**				**25117-24-2**
l-g	7.41186	2872.044	–4.675	398/536	396/540 B	535.93/101.325	59-petser, 59-terbri
1179	**$C_{15}H_{32}$**		**5-Methyltetradecane**				**25117-32-2**
l-g	7.48610	2925.071	–1.275	398/535	395/540 B	535.01/101.325	59-petser, 59-terbri
1180	**$C_{15}H_{32}$**		**Pentadecane**				**629-62-9**
l-g	7.5981	2752.3	–40.65	333/413	323/413 C	543.83/101.325	74-trchc
l-g	6.14849	1789.95	–111.77	413/577	413/587 B		74-trchc
1181	**$C_{15}H_{32}$**		**2,4,6-Trimethyldodecane**				**103387-11-7**
l-g	7.73729	2910.215	–0.420	382/508	380/510 B	508.17/101.325	59-terbri
1182	**$C_{16}H_{10}$**		**Fluoranthene**				**206-44-0**
cr-g	10.56153	4940.314	0.000	283/358	280/360 D	339.27/0.0001	83-sonzol, 83-wasmil
l-g	4.72498	1172.416	–228.734	438/657	435/660 C	659.89/101.325	55-cyp
1183	**$C_{16}H_{10}$**		**Pyrene**				**129-00-0**
cr-g	10.7545	5072.78	0	298/401	288/411 C	667.95/101.325	79-dykrep
l-g	5.5106	1743.57	–170.8	513/668	503/678 C		79-dykrep
1184	**$C_{16}H_{14}$**		**9,10-Dimethylanthracene**				**781-43-1**
cr-g	11.266	5391	0.000	381/433	380/435 C	406.38/0.01	66-geiqui Note 2
1185	**$C_{16}H_{14}$**		**9,10-Dimethylphenanthrene**				**604-83-1**
cr-g	7.86839	2711.138	–122.552	368/381	365/385 C	372.00/0.001	66-geiqui

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1186	**$C_{16}H_{14}$**		**1,4-Diphenyl-1,3-butadiene**				**886-65-7**
cr-g	9.662	4545	0.000	362/419	362/420 C	389.73/0.01	58-klo Note 2
1187	**$C_{16}H_{14}$**		**1,2,3,10b-Tetrahydro-fluoranthene**				**20279-21-4**
l-g	7.70377	3551.698	0.000	400/469	400/670 C	408.06/0.1	55-schwhi-1
1188	**$C_{16}H_{16}$**		**[2.2]-Metacyclophane**				**2319-97-3**
cr-g	11.555	4791	0.000	308/332	308/333 C	329.17/0.001	69-shimcn Note 2
1189	**$C_{16}H_{16}$**		**[2.2]-Metaparacyclophane**				**5385-36-4**
cr-g	11.005	4524	0.000	310/328	310/328 C	323.03/0.001	69-shimcn Note 2
1190	**$C_{16}H_{16}$**		**[2.2]-Paracyclophane**				**1633-22-3**
cr-g	9.968	4849	0.000	343/383	340/385 C	373.92/0.001	66-boy Note 2
1191	**$C_{16}H_{18}$**		***(+,-)*-1,3-Diphenylbutane**				**1520-44-1**
cr-g	9.16241	3838.542	0.000	288/303	285/305 C	291.63/0.0001	74-pripou
1192	**$C_{16}H_{18}$**		**1,1-Di-*p*-tolylethane**				**530-45-0**
l-g	6.55130	2199.040	–93.211	298/473	295/475 B	428.88/1	63-bes Note 4
1193	**$C_{16}H_{18}$**		**1-0-Tolyl-1-*p*-tolylethane**				**900000-03-5**
l-g	6.63556	2199.387	–93.209	298/478	295/480 B	424.66/1	63-bes Note 4
1194	**$C_{16}H_{26}$**		**Decylbenzene**				**104-72-3**
l-g	6.1477	1892.48	–114.15	438/606	428/616 B	571.04/101.325	93-trchc
1195	**$C_{16}H_{26}$**		**Pentaethylbenzene**				**605-01-6**
l-g	7.36852	2936.303	–2.891	359/550	355/553 C	550.42/101.325	47-stu
1196	**$C_{16}H_{28}$**		**Tricyclo[8.2.2.2(4,7)]hexadecane**				**289-68-9**
cr-g	10.375	4450	0.000	316/338	316/338 C	332.71/0.001	69-shimcn Note 2
1197	**$C_{16}H_{28}$**		**Tricyclopentyl-methane**				**3752-92-9**
l-g	7.39991	2773.900	–47.737	273/429	273/370 D, 370/593 C	422.59/1	64-mor, 55-schwhi-1
1198	**$C_{16}H_{30}$**		**1-Hexadecyne**				**629-74-3**
l-g	6.5914	2238	–70.15	426/588	418/596 C	558.15/101.325	88-trchc
1199	**$C_{16}H_{30}$**		**2-Hexadecyne**				**629-75-4**
l-g	6.5754	2276	–71.15	434/603	426/611 C	569.15/101.325	88-trchc
1200	**$C_{16}H_{30}$**		**3-Hexadecyne**				**61886-62-2**
l-g	6.57304	2233.42	–70.15	426/593	420/601 C	559.15/101.325	88-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1201	**$C_{16}H_{32}$**		**Decylcyclohexane**				**1795-16-0**
l-g	4.9909	1238.12	–170.25	303/429	293/429 B	570.77/101.325	92-trchc
l-g	6.156	1909.75	–110.65	429/606	429/616 B		92-trchc
1202	**$C_{16}H_{32}$**		**1-Hexadecene**				**629-73-2**
l-g	7.11958	2452.13	–69.22	284/424	274/424 C	558.09/101.325	86-trchc
l-g	6.16501	1840.52	–115.59	424/588	424/570 B		86-trchc
l-g	6.16501 (1.99588)	1840.52 (3573)	–115.59	588/721	570/719.5 B		86-trchc
1203	**$C_{16}H_{32}$**		**Undecylcyclopentane**				**6785-23-5**
l-g	6.1269	1869.2	–117.15	438/606	430/616 C	568.95/101.325	54-trchc
1204	**$C_{16}H_{34}$**		**2,3-Dimethyltetradecane**				**18435-23-9**
l-g	7.93461	3463.331	30.710	412/553	410/555 B	553.43/101.325	59-terbri
1205	**$C_{16}H_{34}$**		**2,4-Dimethyltetradecane**				**61868-06-2**
l-g	6.60130	2091.887	–82.073	404/539	400/540 C	537.27/101.325	59-terbri
1206	**$C_{16}H_{34}$**		**2,2,4,4,6,8,8-Heptamethylnonane**				**4390-04-9**
l-g	6.01063	1715.365	–91.156	423/545	423/520 A, 520/546 B	519.47/101.325	88-ambghi-2
1207	**$C_{16}H_{34}$**		**Hexadecane**				**544-76-3**
cr-g	16.2918	4930.3	–48.15	287/290	277/291.3 C	560.01/101.325	74-trchc
l-g	7.19842	2522	–65.79	291/426	291.3/426 C		74-trchc
l-g	6.15357	1830.51	–118.7	426/594	426/605 B		74-trchc
1208	**$C_{16}H_{34}$**		**2-Methylpentadecane**				**1560-93-6**
l-g	7.71956	3149.295	–2.744	417/554	415/560 B	553.91/101.325	59-terbri
1209	**$C_{16}H_{34}$**		**3-Methylpentadecane**				**2882-96-4**
l-g	7.38790	2866.990	–23.014	417/555	415/560 C	555.70/101.325	59-terbri
1210	**$C_{16}H_{34}$**		**4-Methylpentadecane**				**2801-87-8**
l-g	7.55113	3088.218	4.001	411/552	410/555 B	552.89/101.325	59-terbri
1211	**$C_{16}H_{34}$**		**5-Methylpentadecane**				**25117-33-3**
l-g	7.51441	3060.540	5.162	409/550	405/555 C	550.42/101.325	59-terbri
1212	**$C_{16}H_{34}$**		**7-Propyltridecane**				**55045-09-5**
l-g	8.89320	3707.482	13.164	355/410	355/410 C	403.73/1	55-schwhi-1
1213	**$C_{16}H_{34}$**		**2,4,6-Trimethyltridecane**				**103392-36-5**
l-g	7.92116	3080.766	–0.370	395/521	390/525 B	521.17/101.325	59-terbri

2.5 Hydrocarbons, C_{17} to C_{26}

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1214	**$C_{17}H_{28}$**		**Undecylbenzene**				**6742-54-7**
l-g	6.0895	1893.9	–122.15	450/622	440/632 C	586.35/101.325	93-trchc
1215	**$C_{17}H_{32}$**		**1-Heptadecyne**				**26186-00-5**
l-g	6.6439	2328	–71.15	438/607	433/615 C	573.15/101.325	88-trchc
1216	**$C_{17}H_{32}$**		**2-Heptadecyne**				**61847-96-9**
l-g	6.6276	2366	–72.15	446/619	440/625 C	584.15/101.325	88-trchc
1217	**$C_{17}H_{32}$**		**3-Heptadecyne**				**61886-63-3**
l-g	6.62434	2318.55	–71.15	438/607	424/615 C	573.15/101.325	88-trchc
1218	**$C_{17}H_{34}$**		**Dodecylcyclopentane**				**5634-30-0**
l-g	6.1568	1909.1	–124.15	450/619	442/629 C	584.35/101.325	54-trchc
1219	**$C_{17}H_{34}$**		**1-Heptadecene**				**6765-39-5**
l-g	6.13357	1868.9	–120.65	441/598	431/580 B	573.4/101.325	86-trchc
l-g	6.13357 (–2.23705)	1868.9 (0)	–120.65 (0)	598/746	580/732.2 C		86-trchc
1220	**$C_{17}H_{34}$**		**Undecylcyclohexane**				**54105-66-7**
l-g	6.1539	1939.7	–118.65	450/622	448/626 C	586.25/101.325	92-trchc
1221	**$C_{17}H_{36}$**		**2,3-Dimethylpentadecane**				**2882-97-5**
l-g	7.88145	3482.802	24.072	425/568	420/570 B	568.67/101.325	59-terbri
1222	**$C_{17}H_{36}$**		**2,4-Dimethylpentadecane**				**61868-07-3**
l-g	8.22952	3397.360	–0.322	419/546	415/550 B	546.19/101.325	59-terbri
1223	**$C_{17}H_{36}$**		**Heptadecane**				**629-78-7**
l-g	6.0921	1836	–126.35	308/438	299/438 C	575.17/101.325	74-trchc
l-g	6.1392	1865.1	–123.95	438/610	438/620 B		74-trchc
1224	**$C_{17}H_{36}$**		**2-Methylhexadecane**				**1560-92-5**
l-g	7.81565	3316.821	2.803	428/568	425/570 B	568.08/101.325	59-terbri
1225	**$C_{17}H_{36}$**		**3-Methylhexadecane**				**6418-43-5**
l-g	7.84222	3313.612	0.555	428/567	425/570 B	567.18/101.325	59-terbri
1226	**$C_{17}H_{36}$**		**4-Methylhexadecane**				**25117-26-4**
l-g	7.36494	3031.282	–1.856	420/567	420/570 B	567.48/101.325	59-terbri
1227	**$C_{17}H_{36}$**		**5-Methylhexadecane**				**25117-34-4**
l-g	7.52519	3118.079	–1.294	422/566	420/570 B	566.22/101.325	59-terbri
1228	**$C_{17}H_{36}$**		**2,4,6-Trimethyltetradecane**				**101791-53-1**
l-g	8.28494	3344.437	–1.591	411/534	410/535 B	534.21/101.325	86-trchc
1229	**$C_{18}H_{12}$**		**Benz[a]anthracene**				**56-55-3**
cr-g	7.54439	3158.704	–97.131	333/423	330/400 C 400/425 D	396.69/0.001	80-dek, 83-ferimp, 58-hoypep, 64-kelric, 74-murpot, Note 4

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1230	**$C_{18}H_{12}$**		**Chrysene**				**218-01-9**
cr-g	10.37224	4980.233	–44.418	353/443	350/450 C	416.85/0.001	80-dek 58-hoypep
1231	**$C_{18}H_{12}$**		**Naphthacene**				**92-24-0**
cr-g	11.78575	6844.222	12.967	420/450	420/450 D	449.93/0.001	80-dek 52-inoshi 67-wakino
1232	**$C_{18}H_{12}$**		**Triphenylene**				**217-59-4**
cr-g	9.435	5620	0	363/468	363/468 D		79-dykrep
l-g	6.8849	3511.9	–1.75	535/768	525/778 C		79-dykrep
1233	**$C_{18}H_{14}$**		**5,12-Dihydronaphthacene**				**959-02-4**
cr-g	11.46784	6056.197	–0.076		335/408 B	391.61/0.0001	58-hoypep
1234	**$C_{18}H_{14}$**		***o*-Terphenyl**				**84-15-1**
l-g	6.29378	2140.510	–110.701	380/650	380/530 C 530/650 B	609.88/101.325	70-reikin 89-sasngu
cr-g	6.82426	3329.457	0.000	325/333	323/334 C	338.90/0.001	89-sasngu
1235	**$C_{18}H_{14}$**		***m*-Terphenyl**				**92-06-8**
l-g	6.56202	2516.291	–96.204	462/690	460/590 C 590/690 B	648.47/101.325	70-reikin
cr-g	14.20494	6258.718	1.215	313/363	310/363 B	362.56/0.001	58-hoypep
1236	**$C_{18}H_{14}$**		***p*-Terphenyl**				**92-94-4**
cr-g	11.60915	5521.328	–21.932	333/433	330/430 C	399.87/0.001	58-hoypep 67-wakino
l-g	6.43204	2399.323	–115.102	485/700	485/565 C 565/700 B	657.16/101.325	58-hoypep 67-wakino
1237	**$C_{18}H_{18}$**		**9-Butylanthracene**				**1498-69-7**
cr-g	13.31681	5759.943	0.000	293/313	290/314 C	298.18/0.000001	64-mor
l-g	7.93442	3491.039	–44.418	348/492	345/495 C	484.40/1	78-macwin 64-mor 55-schwhi-1
1238	**$C_{18}H_{18}$**		**1-Methyl-7-isopropylphenathrene**				**483-65-8**
l-g	8.74451	5903.169	206.016	540/678	540/648 C	669.98/101.325	27-kur
1239	**$C_{18}H_{20}$**		**[3.3]-Paracyclophane**				**2913-24-8**
cr-g	11.875	5109	0.000	321/343	321/345 C	343.46/0.001	69-shimcn Note 2
1240	**$C_{18}H_{22}$**		**2,2-Di-*p*-tolylbutane**				**900000-05-7**
l-g	6.32785	2200.790	–93.120	298/473	295/473 B	440.91/1	63-bes Note 4
1241	**$C_{18}H_{22}$**		**1,6-Diphenylhexane**				**1087-49-6**
l-g	5.14230	1311.857	–200.736	440/618	440/620 D	517.43/10	47-mashat
cr-g	11.89344	5704.752	38.063	293/373	294/370 D	344.97/0.001	64-mor
1242	**$C_{18}H_{22}$**		**1-*p*-Tolyl-1(para-propylphenyl)ethane**				**900000-04-6**
l-g	6.26159	2199.682	–93.189	298/473	295/473 B	444.49/1	63-bes Note 4

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1243	**$C_{18}H_{22}$**		**1-*o*-Tolyl-*p*-tolylbutane**				**900000-06-8**
l-g	6.40659	2200.105	–93.169	298/473	295/473 B	436.58/1	63-bes Note 4
1244	**$C_{18}H_{24}$**		**1,2,3,4,4a,7,8,9,10,11,12,12a-Dodekahydrochrysene**				**1610-22-6**
l-g	7.69719	3400.595	–39.882	393/490	315/490 B	481.68/1	64-mor 55-schwhi-1
1245	**$C_{18}H_{28}$**		**1,2,3,4-Tetrahydro-6-octylnaphthalene**				**66553-12-6**
l-g	9.52557	5393.22	0	503/574	501/576 C	616.15/101.325	84-dykrep
1246	**$C_{18}H_{30}$**		**Dodecylbenzene**				**123-01-3**
l-g	7.0559	2627.79	–74.75	306/458	296/458 C	600.75/101.325	93-trchc
l-g	6.2159	1990.91	–127.55	458/636	458/646 C		93-trchc
1247	**$C_{18}H_{30}$**		**Hexaethylbenzene**				**604-88-6**
l-g	6.62617	2357.714	–60.850	407/571	405/575 B	571.13/101.325	47-stu
1248	**$C_{18}H_{30}$**		**Perhydrochrysene**				**2090-14-4**
l-g	10.38336	4672.564	11.832	273/353	273/355 C	337.30/0.001	78-macwin 64-mor
1249	**$C_{18}H_{30}$**		**1,3,5-Tri-*tert*-butylbenzene**				**1460-02-2**
cr-g	10.6635	4167	0.000	273/346	273/346 C	304.97/0.001	65-davkyb Note 2
1250	**$C_{18}H_{32}$**		**9-Butyltetrahydro-anthracene**				**900001-31-2**
l-g	8.52748	3827.845	0.000	420/455	410/460 B	448.88/1	55-schwhi-1
1251	**$C_{18}H_{32}$**		**1,2-Dicyclohexyl-cyclohexane**				**2456-43-1**
l-g	7.17815	2933.064	–37.139	375/604	375/410 C 410/610 B	604.20/101.325	55-myefen
1252	**$C_{18}H_{34}$**		**1,6-Dicyclohexylhexane**				**1610-23-7**
l-g	11.67382	5536.035	37.108	288/373	285/380 C	340.16/0.001	64-mor
1253	**$C_{18}H_{34}$**		**1-Octadecyne**				**629-89-0**
l-g	6.6961	2420	–72.15	450/623	442/631 C	588.15/101.325	88-trchc
1254	**$C_{18}H_{34}$**		**2-Octadecyne**				**61847-97-0**
l-g	6.6875	2463	-72.15	458/633	452/641 C	598.15/101.325	88-trchc
1255	**$C_{18}H_{34}$**		**3-Octadecyne**				**61886-64-4**
l-g	6.68451	2414.26	–71.15	449/622	443/630 C	587.15/101.325	88-trchc
1256	**$C_{18}H_{36}$**		**Dodecylcyclohexane**				**1795-17-1**
l-g	5.6776	1525.75	–137.75	291/415	285.7/420 C	600.85/101.325	92-trchc
l-g	6.1611	1976.7	–126.15	458/637	448/647 B		92-trchc
1257	**$C_{18}H_{36}$**		**1-Octadecene**				**112-88-9**
l-g	6.18555	1932.9	–125.65	454/618	444/600 B	588.08/101.325	86-trchc
l-g	6.18555 (–2.32122)	1932.9 (0)	–125.65 (0)	618/751	600/744 B		86-trchc
1258	**$C_{18}H_{36}$**		**Tridecylcyclopentane**				**6006-34-4**
l-g	6.1722	1947	–131.25	463/634	455/644 C	599.05/101.325	54-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1259	**$C_{18}H_{38}$**		**2,3-Dimethylhexadecane**				**61868-02-8**
l-g	7.65757	3305.027	1.916	437/583	435/585 C	582.85/101.325	59-terbri
1260	**$C_{18}H_{38}$**		**2,4-Dimethylhexadecane**				**61868-08-4**
l-g	8.42384	3608.282	0.023	435/562	430/565 B	562.18/101.325	59-terbri
1261	**$C_{18}H_{38}$**		**4,9-Dipropyldodecane**				**900000-07-9**
l-g	11.21234	5858.331	104.367	368/439	365/440 B	418.12/1	52-lanmos 55-schwhi-1
1262	**$C_{18}H_{38}$**		**2-Methylheptadecane**				**1560-89-0**
l-g	8.07123	3543.979	3.114	443/581	440/585 B	581.17/101.325	59-terbri
1263	**$C_{18}H_{38}$**		**3-Methylheptadecane**				**6418-44-6**
l-g	7.94253	3484.196	3.742	442/583	440/585 B	583.14/101.325	59-terbri
1264	**$C_{18}H_{38}$**		**4-Methylheptadecane**				**26429-11-8**
l-g	7.36706	3118.343	1.304	429/580	425/585 B	580.33/101.325	59-terbri
1265	**$C_{18}H_{38}$**		**5-Methylheptadecane**				**26730-95-0**
l-g	7.52985	3219.748	1.961	433/580	430/585 B	580.89/101.325	59-terbri
1266	**$C_{18}H_{38}$**		**Octadecane**				**593-45-3**
l-g	5.6119	1582.4	–157.05	362/449	352/449 C	589.45/101.325	74-trchc
l-g	6.1271	1894.3	–129.85	449/625	449/635 C		70-trchc
1267	**$C_{18}H_{38}$**	**2,2,5,5-Tetramethyl-3,4-di-*tert*-butylhexane,(1,1,2,2-Tetra-*tert*-butylethane)**					**62850-21-9**
cr-g	2.95505	616.046	–210.115	321/366	318/367 C	365.88/0.1	84-flabec
cr-g	17.10253	11737.600	273.150	295/318	295/318 D	302.12/0.0005	84-flabec
1268	**$C_{18}H_{38}$**		**2,4,6-Trimethylpentadecane**				**101882-67-1**
l-g	8.10467	3348.550	–0.666	420/550	420/550 B	549.70/101.325	59-terbri
1269	**$C_{19}H_{16}$**		**Triphenylmethane**				**519-73-3**
cr-g	13.50423	5917.797	4.693	303/363	300/365 B	353.87/0.001	86-haneck 89-sasngu
l-g	6.50775	2371.001	–101.213	343/462	340/465 C	417.02./0.1	89-sasngu
1270	**$C_{19}H_{24}$**		**Dicumenylmethane**				**25566-92-1**
l-g	8.74902	4218.860	21.254	303/402	300/405 D	371.23/0.01	55-matdra 56-matgel
l-g	9.45444	6911.337	319.022	608/704	605/705 C	608.88/101.325	55-matdra 56-matgel
1271	**$C_{19}H_{30}$**		**7-Phenyl-6-tridecene**				**900001-32-3**
l-g	9.09765	4030.267	0.000	392/449	390/450 C	443.00/1	55-schwhi-1
1272	**$C_{19}H_{32}$**		**Tridecylbenzene**				**123-02-4**
l-g	6.0919	1953.2	–136.15	473/651	463/661 C	614.45/101.325	93-trchc
1273	**$C_{19}H_{34}$**		**Tricyclohexylmethane**				**1610-24-8**
cr-g	15.14702	6103.355	0.000	301/321	300/322 C	318.76/0.0001	64-mor
l-g	6.38684	2334.129	–92.028	333/464	330/465 C	457.49/1	64-mor 55-schwhi-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1274	**$C_{19}H_{36}$**		**1,1-Dicyclohexylheptane**				**2098-15-9**
l-g	6.83086	2518.781	–82.228	293/457	290/460 C	450.96/1	78-macwin 64-mor 55-schwhi-1
1275	**$C_{19}H_{36}$**		**1,1'-Heptylidene*bis*-cyclohexane**				**2090-15-5**
l-g	10.541	4585	0	293/368	283/378 C	605.15/101.325	79-dykrep
1276	**$C_{19}H_{36}$**		**1-Nonadecyne**				**26186-01-6**
l-g	6.756	2518	–72.15	462/637	462/639 D	602.15/101.325	88-trchc
1277	**$C_{19}H_{36}$**		**2-Nonadecyne**				**61847-98-1**
l-g	6.7381	2551	–73.15	469/648	463/656 C	612.15/101.325	88-trchc
1278	**$C_{19}H_{36}$**		**3-Nonadecyne**				**61886-65-5**
l-g	6.73422	2496.65	–72.15	460/635	455/642 C	600.15/101.325	88-trchc
1279	**$C_{19}H_{38}$**		**7-Cyclohexyltridecane**				**13151-92-3**
l-g	9.93100	4837.300	44.270	391/449	390/450 C	442.82/1	55-schwhi-1
1280	**$C_{19}H_{38}$**		**1-nonadecene**				**18435-45-5**
l-g	6.24	1997.4	–130.45	467/638	457/628 B	602.17/101.325	86-trchc
l-g	6.24 (2.98597)	1997.4 (0)	–130.45 (0)	638/771	628/755 C		86-trchc
1281	**$C_{19}H_{38}$**		**Tetradecylcyclo-pentane**				**1795-22-8**
l-g	6.188	1982	–138.15	475/648	468/656 D	613.15/101.325	54-trchc
1282	**$C_{19}H_{38}$**		**7-(Cyclopentyl-methyl)tridecane**				**55044-77-4**
l-g	8.68145	3658.055	–18.615	389/446	389/450 C	439.98/1	55-schwhi-1
1283	**$C_{19}H_{38}$**		**Tridecylcyclohexane**				**6006-33-3**
l-g	6.1718	2012.2	–131.65	474/651	474/651 C	614.65/101.325	92-trchc
1284	**$C_{19}H_{40}$**		**2,3-Dimethylheptadecane**				**61868-03-9**
l-g	7.80512	3541.858	13.315	447/598	445/600 C	597.41/101.325	59-terbri
1285	**$C_{19}H_{40}$**		**2,4-Dimethylheptadecane**				**61868-09-5**
l-g	8.54730	3805.386	7.426	444/574	440/575 B	574.30/101.325	59-terbri
1286	**$C_{19}H_{40}$**		**7-Hexyltridecane**				**7225-66-3**
l-g	8.97610	3925.404	0.000	411/444	411/445 C	437.32/1	55-schwhi-1
1287	**$C_{19}H_{40}$**		**2-Methyloctadecane**				**1560-88-9**
l-g	7.93106	3526.151	–0.073	451/595	450/600 B	595.17/101.325	59-terbri
1288	**$C_{19}H_{40}$**		**3-Methyloctadecane**				**6561-44-0**
l-g	8.13978	3696.179	5.908	455/597	455/600 B	596.66/101.325	59-terbri
1289	**$C_{19}H_{40}$**		**4-Methyloctadecane**				**10544-95-3**
l-g	7.57159	3310.880	–0.890	445/596	445/600 B	595.74/101.325	59-terbri
1290	**$C_{19}H_{40}$**		**5-Methyloctadecane**				**25117-35-5**
l-g	7.63067	3362.413	2.037	446/596	445/600 B	595.73/101.325	59-terbri
1291	**$C_{19}H_{40}$**		**Nonadecane**				**629-92-5**
l-g	6.8391	2408	–98.15	397/462	387/462 C	603.05/101.325	74-trchc
l-g	6.1402	1932.8	–135.55	462/639	462/649 B		70-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1292	**$C_{19}H_{40}$**		**2,4,6-Trimethylhexadecane**				**102013-94-5**
l-g	8.18388	3506.493	–0.644	435/568	435/570 B	568.21/101.325	59-terbri
1293	**$C_{20}H_{12}$**		**Benzo[k]fluoranthene**				**207-08-9**
cr-g	7.97508	3786.238	–89.061	360/450	360/450 C	434.05/0.001	83-ferqua 74-murpot Note 4
1294	**$C_{20}H_{12}$**		**Benzo[a]pyrene**				**50-32-8**
cr-g	11.60670	6181.000	0.000	358/431	358/431 C	423.16/0.001	74-murpot Note 2
1295	**$C_{20}H_{12}$**		**Benzo[e]pyrene**				**192-97-2**
cr-g	11.74170	6220.000	0.000	359/423	359/423 C	421.93/0.001	74-murpot
1296	**$C_{20}H_{12}$**		**Perylene**				**198-55-0**
cr-g	12.52578	6842.324	–11.229	380/520	380/520 B	517.10/0.1	73-gigmal 58-hoypep Note 4
1297	**$C_{20}H_{14}$**		**9-Phenylanthracene**				**602-55-1**
cr-g	10.58438	4637.392	–47.303	343/423	340/428 B	415.81/0.01	74-shigre Note 4
l-g	6.73795	2739.209	–99.184	435/513	435/515 A	505.72/1	74-shigre Note 4
1298	**$C_{20}H_{16}$**		**7,12-Dimethylbenz-[a]anthracene,(9,10-Dimethyl-1,2-benzanthracene)**				**57-97-6**
cr-g	13.67246	6825.449	0.000	379/396	380/396 C	386.22/0.0001	66-geiqui 64-kelric Note 4
l-g	11.36206	5898.906	0.000	395/415	395/415 C	410.73/0.001	64-kelric Note 4
1299	**$C_{20}H_{16}$**		**9,10-Dimethylbenz[a]-anthracene**				**58429-99-5**
cr-g	14.233	7051	0	379/396	375/396 D		79-dykrep
l-g	11.357	5897	0	396/408	396/412 D		79-dykrep
1300	**$C_{20}H_{16}$**		**5,6-Dimethylchrysene**				**3697-27-6**
cr-g	8.78904	3780.371	–88.607	380/394	380/395 B	384.20/0.0001	66-geiqui
1301	**$C_{20}H_{28}$**		**2-Butyl-3-hexylnaphthalene**				**55000-56-1**
l-g	7.98478	3514.156	–38.008	421/486	420/490 B	478.11/1	63-dixyar
1302	**$C_{20}H_{28}$**		**7-Butyl-1-hexylnaphthalene**				**55000-55-0**
l-g	9.80712	5168.582	53.186	417/480	415/420 C 420/484 B	473.84/1	63-dixyar
1303	**$C_{20}H_{28}$**		**1,4-Dimethyl-5-octylnaphtalene**				**55000-53-8**
l-g	9.32970	4823.148	27.344	432/496	430/438 C 438/500 B	489.62/1	63-dixyar
1304	**$C_{20}H_{28}$**		**2,6-Dimethyl-3-octylnaphtalene**				**55000-54-9**
l-g	10.80912	6323.123	97.653	430/494	430/495 C	487.33/1	63-dixyar
1305	**$C_{20}H_{28}$**		**Triphenylethylene**				**58-72-0**
l-g	6.04991	2147.337	–127.235	353/443	350/445 C	431.83/0.1	89-sasngu

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1306	**$C_{20}H_{32}$**		**1,2,3,4-Tetrahydro-6-butyl-7-hexylnaphthalene**				**66538-96-3**
l-g	9.56727	4872.015	40.882	412/475	410/480 B	468.36/1	63-dixyar
1307	**$C_{20}H_{32}$**		**1,2,3,4-Tetrahydro-7-butyl-1-hexylnaphthalene**				**66205-02-5**
l-g	10.17606	5398.417	66.455	409/470	408/475 B	464.05/1	63-dixyar
1308	**$C_{20}H_{32}$**		**1,2,3,4-Tetrahydro-2,6-di-methyl-7-octylnaphthalene**				**55255-59-9**
l-g	8.43312	3840.475	–17.900	417/480	415/485 B	473.30/1	63-dixyar
1309	**$C_{20}H_{32}$**		**1,2,3,4-Tetrahydro-5,8-di-methyl-1-octylnaphthalene**				**55255-58-8**
l-g	9.62932	4989.474	42.823	419/482	418/485 B	475.33/1	63-dixyar
1310	**$C_{20}H_{34}$**		**9-Cyclohexyltetra-decahydroanthracene**				**55255-70-4**
l-g	7.96554	3738.674	–10.704	419/488	405/490 B	480.06/1	55-schwhi-1
1311	**$C_{20}H_{34}$**		**Tetradecylbenzene**				**1459-10-5**
l-g	6.0825	1969.1	–144.15	485/665	477/673 C	627.15/101.325	93-trchc
1312	**$C_{20}H_{38}$**		**2-Butyl-3-hexyldecahydro-naphthalene**				**66455-55-8**
l-g	8.64683	3926.224	–6.949	407/468	406/470 C	461.01/1	63-dixyar
1313	**$C_{20}H_{38}$**		**7-Butyl-1-hexyldecahydro-naphthalene**				**66455-54-7**
l-g	9.10487	4295.027	11.177	406/467	405/470 B	460.55/1	63-dixyar
1314	**$C_{20}H_{38}$**		**3,4-Dicyclohexyl-3,4-dimethylhexane**				**26527-76-4**
l-g	8.76259	4093.600	0.000	343/365	340/360 C	348.02/0.001	80-beckra
1315	**$C_{20}H_{38}$**		**1,4-Dimethyl-5-octyldecahydro-naphthalene**				**54964-83-9**
l-g	10.47777	5778.642	91.988	404/466	402/470 C	459.53/1	63-dixyar
1316	**$C_{20}H_{38}$**		**2,6-Dimethyl-3-octyldecahydro-naphthalene**				**54964-85-1**
l-g	7.87491	3374.265	–33.514	406/469	405/410 C 410/473 B	462.00/1	63-dixyar
1317	**$C_{20}H_{38}$**		**1-Icosyne**				**765-27-5**
l-g	6.8056	2601	–73.15	473/651	465/659 C	615.15/101.325	88-trchc
1318	**$C_{20}H_{38}$**		**2-Icosyne**				**61847-99-2**
l-g	6.7875	2635	–74.15	480/661	480/661 D	625.15/101.325	88-trchc
1319	**$C_{20}H_{38}$**		**3-Icosyne**				**61886-66-6**
l-g	6.78275	2574.82	–73.15	470/648	465/655 C	612.15/101.325	88-trchc
1320	**$C_{20}H_{40}$**		**1-Icosene**				**3452-07-1**
l-g	6.26	2043	–135.25	478/638	470/646 C	615.47/101.325	86-trchc
1321	**$C_{20}H_{40}$**		**Pentadecylcyclo-pentane**				**4669-01-6**
l-g	6.208	2016	–145.15	486/661	480/671 C	626.15/101.325	54-trchc
1322	**$C_{20}H_{40}$**		**Tetradecylcyclo-hexane**				**1795-18-2**
l-g	6.186	2046	–138.15	486/665	486/665 C	627.15/101.325	92-trchc
1323	**$C_{20}H_{42}$**		**5-Butylhexadecane**				**6912-07-8**
l-g	8.95764	4038.084	0.000	423/457	420/460 B	450.80/1	55-schwhi-1
1324	**$C_{20}H_{42}$**		**2,3-Dimethyloctadecane**				**61868-04-0**
l-g	7.75037	3563.223	8.815	458/612	455/615 C	611.45/101.325	59-terbri

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1325	**$C_{20}H_{42}$**		**2,4-Dimethyloctadecane**				**61868-10-8**
l-g	8.81149	3976.693	1.063	457/583	450/585 B	583.25/101.325	59-terbri
1326	**$C_{20}H_{42}$**		**Icosane**				**112-95-8**
l-g	7.861	3426.1	–32	315/476	309.6/475 C	616.95/101.325	92-piapom/ trchc
l-g	6.2771	2032.7	–141.05	475/652	475/662 B		70-piapom/ trchc
1327	**$C_{20}H_{42}$**		**2-Methylnonadecane**				**1560-86-7**
l-g	8.16760	3714.429	–4.204	466/607	466/610 C	607.01/101.325	59-terbri
1328	**$C_{20}H_{42}$**		**3-Methylnonadecane**				**6418-45-7**
l-g	8.05350	3705.349	3.603	464/609	460/610 B	609.08/101.325	59-terbri
1329	**$C_{20}H_{42}$**		**4-Methylnonadecane**				**25117-27-5**
l-g	7.75681	3462.311	–7.196	461/609	460/610 B	609.22/101.325	59-terbri
1330	**$C_{20}H_{42}$**		**5-Methylnonadecane**				**57160-72-2**
l-g	7.91332	3593.514	–0.886	462/609	460/610 A	609.17/101.325	59-terbri
1331	**$C_{20}H_{42}$**		**4-Propylheptadecane**				**55044-10-5**
l-g	9.14105	4134.610	0.000	426/458	425/460 B	452.31/1	55-schwhi-1
1332	**$C_{20}H_{42}$**		**2,4,6-Trimethylheptadecane**				**102155-32-8**
l-g	8.55850	3818.808	3.571	449/579	445/580 B	579.21/101.325	59-terbri
1333	**$C_{21}H_{16}$**		**3-Methylcholanthrene**				**56-49-5**
cr-g	12.293	6643	0.000	401/425	401/425 D	407.72/0.0001	64-kelric Note 2
1334	**$C_{21}H_{26}$**		**1,8-Paracyclophane**				**6169-94-4**
cr-g	11.935	5480	0.000	354/376	354/376 C	366.92/0.001	69-shimcn Note 2
1335	**$C_{21}H_{30}$**		**Undecylnaphthalene**				**7225-71-0**
l-g	10.48084	6094.395	86.273	437/502	435/505 C	495.21/1	55-schwhi-1
1336	**$C_{21}H_{36}$**		**Pentadecylbenzene**				**2131-18-2**
l-g	6.0722	1980.4	–152.15	495/677	487/685 D	639.15/101.325	93-trchc
1337	**$C_{21}H_{40}$**		**Undecyldekahydro-naphthalene**				**66326-27-0**
l-g	8.79500	4114.516	–13.553	426/488	425/490 B	481.38/1	55-schwhi-1
1338	**$C_{21}H_{42}$**		**1-Henicosene**				**1599-68-4**
l-g	6.2796	2086.9	–139.85	392/628	384/636 C	628.15/101.325	72-trchc
1339	**$C_{21}H_{42}$**		**Hexadecylcyclo-pentane**				**6812-39-1**
l-g	6.228	2048	–152.15	498/674	498/674 C	639.15/101.325	54-trchc
1340	**$C_{21}H_{42}$**		**Pentadecylcyclo-hexane**				**6006-95-7**
l-g	6.197	2078	–144.15	496/677	496/677 C	640.15/101.325	92-trchc
1341	**$C_{21}H_{44}$**		**2,3-Dimethylnonadecane**				**75163-99-4**
l-g	7.76825	3665.878	11.428	468/625	465/630 B	624.73/101.325	59-terbri
1342	**$C_{21}H_{44}$**		**2,4-Dimethylnonadecane**				**115209-60-4**
l-g	8.95117	4183.298	8.109	465/594	465/596 B	594.20/101.325	59-terbri

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1343	**$C_{21}H_{44}$**		**Henicosane**				**629-94-7**
l-g	7.2831	2976.6	–66	329/477	330/480 C	629.65/101.325	92-piapom/trchc
l-g	6.3302	2125.1	–138.25	393/630	385/638 C		72-piapom/trchc
1344	**$C_{21}H_{44}$**		**8-Hexylpentadecane**				**13475-75-7**
l-g	11.28616	6408.071	108.599	405/466	405/470 C	459.18/1	55-schwhi-1
1345	**$C_{21}H_{44}$**		**2-Methylicosane**				**1560-84-5**
l-g	6.2964	2070.6	–141.65	391/624	391/624 C		72-trchc
1346	**$C_{21}H_{44}$**		**3-Methyleicosane**				**6418-46-8**
l-g	8.33065	3924.199	0.184	478/620	475/625 B	620.25/101.325	59-terbri
1347	**$C_{21}H_{44}$**		**4-Methyleicosane**				**25117-28-6**
l-g	7.96420	3721.716	3.403	471/621	470/625 B	621.20/101.325	59-terbri
1348	**$C_{21}H_{44}$**		**5-Methyleicosane**				**25117-36-6**
l-g	8.13075	3844.583	6.762	473/621	470/625 C	620.922/101.325	59-terbri
1349	**$C_{21}H_{44}$**		**2,4,6-Trimethyloctadecane**				**114000-79-2**
l-g	8.54965	3841.635	–4.141	460/575	460/580 B	512.99/10	59-terbri
1350	**$C_{22}H_{12}$**		**Benzo[ghi]perylene**				**191-24-2**
cr-g	11.52349	6671.226	–0.109	380/470	380/470 B	429.86/0.0001	74-murpot 74-puplao Note 4
1351	**$C_{22}H_{12}$**		**Dibenzochrysene(Anthanthrene)**				**191-26-4**
cr-g	12.014	7060	0.000	465/495	465/495 C	470.23/0.001	52-inoshi Note 2
1352	**$C_{22}H_{14}$**		**Benzo[b]chrysene,1,2:6,7-Dibenzophenanthrene**				**214-17-5**
cr-g	12.075	7150	0.000	403/513	403/513 C	507.99/0.01	67-wakino Note 2
1353	**$C_{22}H_{14}$**		**Dibenzo[a,c]-anthracene**				**215-58-7**
cr-g	13.17557	7303.202	1.164	424/450	423/455 C	450.33/0.001	80-dek
1354	**$C_{22}H_{14}$**		**Dibenzo[a,h]-anthracene**				**53-70-3**
cr-g	12.89721	7295.256	–1.747	433/460	433/462 B	460.65/0.001	80-dek
1355	**$C_{22}H_{14}$**		**Pentacene**				**135-48-8**
cr-g	13.89180	9588.323	42.099	470/526	470/530 C	525.53/0.001	80-dek 67-wakino Note 4
1356	**$C_{22}H_{14}$**		**Picene**				**213-46-7**
cr-g	12.075	7350	0.000	409/527	409/527 C	522.20/0.01	67-wakino Note 2
1357	**$C_{22}H_{22}$**		**Tribenzylmethane**				**4742-04-5**
l-g	8.385	4128	0.000	395/648	395/648 C	647.09/101.325	59-giltom Note 2
1358	**$C_{22}H_{38}$**		**1,1-*Bis*(dekahydro-1-naphtyl)ethane**				**54934-70-2**
l-g	10.41873	6513.445	129.603	430/505	430/505 B	495.56/1	55-schwhi-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1359	**$C_{22}H_{38}$**		**1,2-*Bis*(dekahydro-1-naphtyl)ethane**				**54934-69-9**
l-g	8.97561	4359.588	–14.663	440/510	440/510 B	500.38/1	55-schwhi-1
1360	**$C_{22}H_{38}$**		**1,5-Dicyclopentyl-3-(2-cyclopentylethyl)-2-pentene**				**54934-71-3**
l-g	8.71535	4212.812	–1.775	425/495	425/495 B	485.15/1	55-schwhi-1
1361	**$C_{22}H_{38}$**		**Hexadecylbenzene**				**1459-09-2**
l-g	6.0607	1987	–160.15	505/688	497/696 D	651.15/101.325	93-trchc
1362	**$C_{22}H_{40}$**		**1,5-Dicyclopentyl-3-(2-cyclopentylethyl)-pentane**				**55255-85-1**
l-g	8.42250	3902.577	–23.993	430/495	430/495 B	487.34/1	55-schwhi-1
1363	**$C_{22}H_{44}$**		**1-Docosene**				**1599-67-3**
l-g	6.2988	2129.3	–144.35	401/640	393/648 C	640.15/101.325	72-trchc
1364	**$C_{22}H_{44}$**		**Hexadecylcyclo-hexane**				**6812-38-0**
l-g	6.199	2099	–151.15	507/689	507/689 C	652.15/101.325	92-trchc
1365	**$C_{22}H_{46}$**		**2,4-Dimethyleicosane**				**75163-98-3**
l-g	9.00948	4354.615	18.186	472/603	470/605 B	603.57/101.325	59-terbri
1366	**$C_{22}H_{46}$**		**Docosane**				**629-97-0**
l-g	7.3396	3036.6	–63	341/489	335/490 C	641.75/101.325	72-piapom/ trchc
l-g	6.3507	2169.1	–142.55	402/642	490/650 C		72-piapom/ trchc
1367	**$C_{22}H_{46}$**		**8-Heptylpentadecane**				**71005-15-7**
l-g	13.13838	5761.948	3.362	288/318	285/320 B	297.71/0.000001	51-brawag
1368	**$C_{22}H_{46}$**		**2-Methylheneicosane**				**1560-82-3**
l-g	6.3149	2112.4	–146.25	400/636	400/636 C		72-trchc
1369	**$C_{22}H_{46}$**		**5-Methylheneicosane**				**25117-37-7**
l-g	8.1877	3939.8	5.15	483/632	476/638 C		79-dykrep
1370	**$C_{22}H_{46}$**		**3-Methyluneicosane, 3-Methylheneicosane**				**6418-47-9**
l-g	8.23832	3952.218	2.888	484/631	480/635 B	631.23/101.325	59-terbri
1371	**$C_{22}H_{46}$**		**4-Methyluneicosane, 4-Methylheneicosane**				**25117-29-7**
l-g	7.90998	3750.889	3.079	478/632	475/635 B	632.21/101.325	59-terbri
1372	**$C_{22}H_{46}$**		**5-Methyluneicosane**				**25117-17-3**
l-g	8.20998	3965.879	7.049	483/632	480/635 A	632.17/101.325	59-terbri
1373	**$C_{22}H_{46}$**		**2,4,6-Trimethylnonadecane**				**102886-19-1**
l-g	8.82539	4159.192	7.205	471/587	470/590 B	524.29/10	59-terbri
1374	**$C_{23}H_{40}$**		**Heptadecylbenzene**				**14752-75-1**
l-g	6.3127	2228.9	–146.55	414/664	408/670 C	662.15/101.325	72-trchc
1375	**$C_{23}H_{46}$**		**9-Cyclohexyl-heptadecane**				**55124-77-1**
l-g	8.97440	4355.991	0.000	456/492	450/500 B	485.38/13	55-schwhi-1
1376	**$C_{23}H_{46}$**		**Heptadecylcyclo-hexane**				**19781-73-8**
l-g	6.3185	2241.4	–144.45	414/664	412/667 C	664.15/101.325	72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1377	**$C_{23}H_{46}$**		**1-Tricosene**				**18835-32-0**
l-g	6.3173	2170.2	–148.65	409/652	405/658 C	652.15/101.325	72-trchc
1378	**$C_{23}H_{48}$**		**9-Hexylheptadecane**				**55124-79-3**
l-g	8.99930	4314.120	0.000	450/486	430/486 B	479.38/1	55-schwhi-1
1379	**$C_{23}H_{48}$**		**2-Methyldocosane**				**1560-81-2**
l-g	6.3329	2152.6	–150.65	409/648	409/648 C		72-trchc
1380	**$C_{23}H_{48}$**		**4-Methyldocosane**				**25117-30-0**
l-g	8.19042	3974.674	–0.554	493/643	490/645 B	643.22/101.325	59-terbri
1381	**$C_{23}H_{48}$**		**5-Methyldocosane**				**25163-52-4**
l-g	8.15957	3965.698	1.208	492/643	490/645 B	643.22/101.325	59-terbri
1382	**$C_{23}H_{48}$**		**Tricosane**				**638-67-5**
l-g	7.5394	3236.4	–69	348/490	340/495 C	653.35/101.325	92-piapom/ trchc
l-g	6.3705	2211.4	–146.65	411/653	495/661 C		72-piapom/ trchc
1383	**$C_{24}H_{12}$**		**Coronene**				**191-07-1**
cr-g	8.80062	5491.689	–48.484	430/560	430/570 C	556.94/0.01	58-hoypep 74-murpot 67-wakino
1384	**$C_{24}H_{14}$**		**Dibenzo[fg,op]-naphthacene**				**192-51-8**
cr-g	12.005	7700	0.000	431/555	431/555 C	549.80/0.01	67-wakino Note 2
1385	**$C_{24}H_{14}$**		**Dibenzo[a,e]pyrene**				**192-65-4**
cr-g	12.605	7650	0.000	414/506	414/506 C	490.23/0.001	67-wakino Note 2
1386	**$C_{24}H_{18}$**		**1,3,5-Triphenylbenzene**				**612-71-5**
cr-g	12.71562	6294.895	–30.536	360/449	355/450 C	431.09/0.001	58-hoypep 74-malbar 67-wakino
l-g	11.18241	5988.934	–3.931	449/500	449/500 B	495.54/0.1	58-hoypep 74-malbar
1387	**$C_{24}H_{32}$**		**6,6-Paracyclophan**				**4384-23-0**
cr-g	11.945	5681	0.000	352/371	352/371 C	356.29/0.0001	69-shimcn Note 2
1388	**$C_{24}H_{42}$**		**Hexapropylbenzene**				**2456-68-0**
l-g	7.88935	3555.724	–1.010	459/605	455/610 A	605.35/101.325	37-groipa
1389	**$C_{24}H_{42}$**		**Octadecylbenzene**				**4445-07-2**
l-g	6.3289	2266.5	–150.85	423/675	415/685 C	673.15/101.325	72-trchc
1390	**$C_{24}H_{44}$**		**9-Decyltetradeca-hydroanthracene**				**900001-42-5**
l-g	10.1771	5389.64	0	501/536	491/546 C		84-dykrep
1391	**$C_{24}H_{44}$**		**9-Decyltetradeca-hydrophenanthrene**				**900001-43-6**
l-g	8.99964	4807.42	0	502/542	492/552 C		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1392	**$C_{24}H_{48}$**		**Octadecylcyclohexane**				**4445-06-1**
l-g	6.3367	2280.9	–148.55	422/675	422/675 C	675.15/101.325	72-trchc
1393	**$C_{24}H_{48}$**		**1-Tetracosene**				**10192-32-2**
l-g	6.3354	2209.6	–152.85	418/663	415/670 C	663.15/101.325	72-trchc
1394	**$C_{24}H_{50}$**		**2-Methyltricosane**				**1928-30-9**
l-g	6.3503	2191.4	–154.95	417/659	409/667 C		72-trchc
1395	**$C_{24}H_{50}$**		**5-Methyltricosane**				**22331-09-5**
l-g	8.24881	4026.563	–8.299	504/653	500/655 B	653.26/101.325	59-terbri
1396	**$C_{24}H_{50}$**		**12-Methyltricosane**				**22331-52-8**
l-g	8.72126	4415.156	0.000	435/454	430/460 D	440.53/0.05	82-fregre
1397	**$C_{24}H_{50}$**		**Tetracosane**				**646-31-1**
l-g	7.9823	3625.9	–58	343/523	338/525 C	664.45/101.325	92-piapom/ trchc
l-g	6.3895	2252.1	–150.65	419/664	525/672 C		72-piapom/ trchc
1398	**$C_{25}H_{20}$**		**Tetraphenylmethane**				**630-76-2**
cr-g	14.80432	7542.278	–0.006	404/466	400/470 B	423.63/0.001	72-kan
1399	**$C_{25}H_{26}$**		**3-Phenethyl-1,5-diphenyl-2-pentene**				**55334-57-1**
l-g	8.77865	4807.745	14.332	469/541	465/545 B	533.33/1	55-schwhi-1
1400	**$C_{25}H_{28}$**		**3-Phenethyl-1,5-diphenylpentane**				**66374-88-7**
l-g	8.51546	4533.066	0.000	499/540	495/540 B	532.33/1	55-schwhi-1
1401	**$C_{25}H_{36}$**		**1-Phenyl-3-phenethylundecane**				**7225-70-9**
l-g	11.01022	6514.448	77.911	457/521	455/523 C	513.76/1	55-schwhi-1
1402	**$C_{25}H_{38}$**		**1-Pentadecyl-naphthalene**				**55191-63-4**
l-g	10.46150	6073.387	47.324	475/540	468/543 C	533.22/1	55-schwhi-1
1403	**$C_{25}H_{40}$**		**1-Cyclohexyl-6-cyclopentyl-3-phenethylhexane**				**55334-30-0**
l-g	8.84637	4580	0	486/525	479/535 C		84-dykrep
1404	**$C_{25}H_{40}$**		***(+,-)*-1-Cyclohexyl-6-cyclopentyl-3-phenethylhexane**				**900002-32-6**
l-g	8.83574	4574.782	0.000	486/525	485/528 B	517.76/1	55-schwhi-1
1405	**$C_{25}H_{40}$**		**1,7-Dicyclopentyl-4-phenethylheptane**				**55334-31-1**
l-g	9.19294	4758.968	0.000	487/525	485/525 B	517.68/1	55-schwhi-1
1406	**$C_{25}H_{42}$**		***(+,-)*-Hexadecylindane**				**334-29-2**
l-g	8.67564	4579.463	0.000	495/536	495/598 B	527.85/1	55-schwhi-1
1407	**$C_{25}H_{42}$**		**5-Pentadecyl-1,2,3,4-tetrahydronaphthalene**				**66374-91-2**
l-g	9.74784	5084.458	–5.791	471/534	470/535 C	527.39/1	55-schwhi-1
1408	**$C_{25}H_{44}$**		**1,5-Dicyclohexyl-3-(2-cyclohexylethyl)-2-pentene**				**66374-92-3**
l-g	8.94582	4622.957	0.000	486/521	485/525 B	516.77/1	55-schwhi-1
1409	**$C_{25}H_{44}$**		**1,7-Dicyclopentyl-4-(3-cyclopentylpropyl)-3-heptene**				**66374-93-4**
l-g	9.03849	4649.84	0	483/522	473/532 C		84-dykrep
1410	**$C_{25}H_{44}$**		**1,7-Dicyclopentyl-4-(3-cyclopentylpropyl)-2-heptene**				**900001-36-7**
l-g	9.01787	4639.440	0.000	483/522	480/525 B	514.47/1	55-schwhi-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1411	**$C_{25}H_{44}$**		**9-(2-Phenylethyl)-heptadecane**				**5637-96-7**
l-g	10.22097	5703.473	51.800	449/513	445/515 B	506.22/1	55-schwhi
l-g	9.25429	4684.426	0.000	476/513	470/515 B	506.19/1	55-schwhi-1
1412	**$C_{25}H_{44}$**		**Nonadecylbenzene**				**29136-19-4**
l-g	6.3446	2302.8	–154.95	431/686	431/690 C	683.15/101.325	72-trchc
1413	**$C_{25}H_{44}$**		**9-(4-Tolyl)octadecane**				**4445-08-3**
	9.54554	4778.520	0.000	472/507	470/510 B	500.60/1	55-schwhi-1
1414	**$C_{25}H_{44}$**		**6-Octyl(hexylhydro-benz(de)anthracene)**				**7225-65-2**
l-g	7.73461	3495.965	–74.767	467/534	465/535 B	526.76/1	55-schwhi-1
1415	**$C_{25}H_{46}$**		**1-Cyclohexyl-3-(2-cyclohexylethyl)-6-cyclopentylhexane**				**55401-70-2**
l-g	9.33655	4827.029	0.000	487/524	485/525 C	517.00/1	55-schwhi-1
1416	**$C_{25}H_{46}$**		**1,5-Dicyclohexyl-3-(2-cyclohexylethyl)-pentane**				**2090-16-6**
l-g	6.67771	2745.774	–109.381	338/528	338/530 D	520.57/1	64-mor 55-schwhi-1
1417	**$C_{25}H_{46}$**		**1,7-Dicyclopentyl-4-(3-cyclopentylpropyl)-heptane**				**55429-35-1**
l-g	10.39813	6164.223	75.470	457/525	455/525 C	517.35/1	55-schwhi
1418	**$C_{25}H_{46}$**		**4-(2-Cyclohexylethyl)-1,7-dicyclopentylheptane**				**900001-39-0**
l-g	8.73914	4376.017	–16.072	471/524	470/525 B	516.81/1	55-schwhi-1
1419	**$C_{25}H_{48}$**		**1-Cyclohexyl-3-(2-cyclohexylethyl)-undecane**				**7225-69-6**
l-g	9.71307	4945.029	0.000	480/516	478/518 B	509.11/1	55-schwhi-1
1420	**$C_{25}H_{48}$**		**1-Cyclopentyl-4-(3-cyclopentylpropyl)-dodecane**				**7225-68-5**
l-g	9.08416	4641.862	0.000	481/518	480/520 B	510.98/1	55-schwhi-1
1421	**$C_{25}H_{48}$**		**1-Hexadecadecyl-hexahydroindan**				**55401-73-5**
l-g	8.72393	4576.113	0.000	492/532	490/535 A	524.55/1	55-schwhi-1
1422	**$C_{25}H_{48}$**		**1-Pentadecyldeca-hydronaphthalene**				**66359-82-8**
l-g	8.95612	4462.955	–23.704	464/529	462/533 B	522.02/1	55-schwhi-1
1423	**$C_{25}H_{50}$**		**9-(2-Cyclohexylethyl)-heptadecane**				**25446-35-9**
l-g	9.11237	4612.523	0.000	476/513	475/515 B	506.18/1	55-schwhi-1
1424	**$C_{25}H_{50}$**		**9-(3-Cyclopentylpropyl)-heptadecane**				**5638-09-5**
l-g	9.00013	4558.408	0.000	476/514	475/515 B	506.48/1	55-schwhi-1
1425	**$C_{25}H_{50}$**		**Nonadecylcyclo-hexane**				**22349-03-7**
l-g	6.3542	2318.8	–152.55	430/686	418/690 C	685.15/101.325	72-trchc
1426	**$C_{25}H_{50}$**		**9-Octyl-5-heptadecene**				**24306-18-1**
l-g	11.68024	6680.073	77.938	441/500	440/502 B	493.97/1	55-schwhi-1
1427	**$C_{25}H_{50}$**		**1-Pentacosene**				**16980-85-1**
l-g	6.3528	2247.7	–156.85	426/674	421/680 C	674.15/101.325	72-trchc
1428	**$C_{25}H_{52}$**		**12-Ethyltricosane**				**79370-85-7**
l-g	8.58324	4418.280	0.000	435/454	430/460 D	447.00/0.05	82-fregre
1429	**$C_{25}H_{52}$**		**2-Methyltetracosane**				**1560-78-7**
l-g	6.3671	2228.9	–159.05	425/670	425/670 C		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1430	**$C_{25}H_{52}$**		**9-Octylheptadecane**				**7225-64-1**
l-g	9.79010	4878.555	0.000	471/505	470/505 B	498.32/1	55-schwhi-1
1431	**$C_{25}H_{52}$**		**Pentacosane**				**629-99-2**
l-g	7.6523	3386.2	–75	356/531	350/535 C	675.05/101.325	92-piapom/trchc
l-g	6.4078	2291.4	–154.45	427/675	535/683 C		72-piapom/trchc
1432	**$C_{26}H_{16}$**		**Dibenzo[g,p]chrysene**				**191-68-4**
cr-g	12.17757	7239.453	–5.682	406/490	406/490 C	482.67/0.001	67-wakino
1433	**$C_{26}H_{18}$**		**9,10-Diphenylanthracene**				**1499-10-1**
cr-g	17.04958	10650.566	81.903	395/505	393/505 C	477.19/0.01	58-hoypep 60-jon
1434	**$C_{26}H_{32}$**		**6-Octyl-1,2,3,4-tetrahydronaphthalene**				**103042-85-9**
l-g	9.35224	5245.440	–5.371	504/574	500/575 C	566.25/1	55-schwhi-1
1435	**$C_{26}H_{34}$**		**9-Dodecylanthracene**				**2883-70-7**
l-g	7.74436	3702.641	–80.145	400/566	400/566 C	558.25/1	64-mor 55-schwhi-1
1436	**$C_{26}H_{34}$**		**9-Dodecylphenanthrene**				**3788-61-2**
l-g	9.01014	5076.355	3.219	495/568	495/570 B	560.19/1	55-schwhi-1
1437	**$C_{26}H_{38}$**		**1,1-Diphenyltetradecane**				**55268-63-8**
l-g	8.98290	4366.219	–37.322	467/530	465/533 B	523.38/1	55-schwhi-1
1438	**$C_{26}H_{38}$**		**1,1-Di-*p*-tolyldodecane**				**55268-62-7**
l-g	11.1273	6462.4	58.65	466/529	466/529 D		79-dykrep
1439	**$C_{26}H_{38}$**		**1,1-Di-4-tolyldodecane**				**900000-08-0**
l-g	11.16722	6508.830	60.719	467/529	465/530 B	522.13/1	55-schwhi-1
1440	**$C_{26}H_{40}$**		**5-Octyl-1,2,3,4,4a,5,7,8,9,10,12,12a-dodecahydro-naphthalene**				**95258-25-6**
l-g	7.97422	3888.532	–53.717	479/549	475/550 B	541.35/1	55-schwhi-1
1441	**$C_{26}H_{42}$**		**1,1-*Bis*(dodecahydro-acenapthylen-5-yl)-ethane**				**900001-41-4**
l-g	10.98827	5928.541	4.654	482/541	480/545 B	534.88/1	55-schwhi-1
1442	**$C_{26}H_{46}$**		**1,4-Didecylbenzene**				**2655-95-0**
l-g	9.05279	4583.167	–22.218	470/536	470/540 C	528.49/1	55-schwhi-1
1443	**$C_{26}H_{46}$**		**8-(4-Tolyl)nonadecane**				**55191-36-1**
l-g	9.76143	4982.493	0.000	482/517	480/520 B	510.43/1	55-schwhi-1
1444	**$C_{26}H_{46}$**		**9-Octyloctadeca-hydronaphthalene**				**55191-40-7**
l-g	9.74367	5525.925	35.848	470/539	470/540 B	531.28/1	55-schwhi-1
1445	**$C_{26}H_{46}$**		**1-Phenyleicosane**				**2398-68-7**
l-g	9.31244	4940.069	0.000	500/538	495/540 B	530.48/1	55-schwhi-1
1446	**$C_{26}H_{46}$**		**2-Phenyleicosane**				**2398-66-5**
l-g	9.07294	4752.216	0.000	493/531	490/535 B	523.78/1	55-schwhi-1
1447	**$C_{26}H_{46}$**		**3-Phenyleicosane**				**2400-02-4**
l-g	9.37420	4865.282	0.000	498/526	485/530 C	519.01/1	55-schwhi-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1448	**$C_{26}H_{46}$**		**4-Phenyleicosane**				**2400-03-5**
l-g	8.86240	4601.918	0	489/527	485/530 B	519.26/1	55-schwhi-1
1449	**$C_{26}H_{46}$**		**5-Phenyleicosane**				**2400-04-6**
l-g	9.53863	4906.663	0	485/521	485/525 B	514.40/1	55-schwhi-1
1450	**$C_{26}H_{46}$**		**7-Phenyleicosane**				**2398-64-3**
l-g	9.50946	4877.388	0	483/520	480/520 B	512.90/1	55-schwhi-1
1451	**$C_{26}H_{46}$**		**9-Phenyleicosane**				**2398-65-4**
l-g	9.38907	4818.459	0	484/520	480/520 B	513.20/1	55-schwhi-1
1452	**$C_{26}H_{48}$**		**9-Dodecyltetrahydro-anthracene**				**55401-75-7**
l-g	10.12312	5361.472	0	501/536	500/540 B	529.63/1	55-schwhi-1
1453	**$C_{26}H_{48}$**		**9-Dodecyltetrahydro-phenanthrene**				**55334-01-5**
l-g	8.87269	4740.273	0	502/542	500/542 B	534.25/1	55-schwhi-1
1454	**$C_{26}H_{50}$**		**1,1-*Bis*(4-methylcyclohexyl)-dodecane**				**55334-09-3**
l-g	9.68128	4968.725	0	485/520	480/525 C	513.23/1	55-schwhi-1
1455	**$C_{26}H_{50}$**		**1,1-Dicyclohexyl-tetradecane**				**55334-08-2**
l-g	9.83901	5134.797	0	493/529	490/530 B	521.88/1	55-schwhi-1
1456	**$C_{26}H_{50}$**		**1,1-Dicyclopentyl-hexadecane**				**55401-76-8**
l-g	10.53270	5042.396	-40.565	471/525	470/530 C	519.30/1	55-schwhi-1
1457	**$C_{26}H_{50}$**		**9-[α(*cis*-Bicyclo[3.3.0]octyl)-methyl]heptadecane**				**700004-11-1**
l-g	13.77047	9798.904	199.936	456/518	455/520 B	511.65/1	55-schwhi-1
1458	**$C_{26}H_{50}$**		**2-Hexadecylbicyclo-pentyl**				**55334-11-7**
l-g	9.60235	5045.040	0	496/532	490/535 C	525.40/1	55-schwhi-1
1459	**$C_{26}H_{50}$**		**7-Hexadecylspiro[4,5]-decane**				**2307-06-4**
l-g	5.59897	2393.485	0	462/534	460/535 C	520.44/10	65-nar
1460	**$C_{26}H_{52}$**		**2-Cyclohexyleicosane**				**4443-56-5**
l-g	9.85617	5153.934	0	494/530	490/530 B	522.91/1	55-schwhi-1
1461	**$C_{26}H_{52}$**		**3-Cyclohehyleicosane**				**4443-57-6**
l-g	9.29561	4863.259	0	492/530	490/530 B	523.18/1	55-schwhi-1
1462	**$C_{26}H_{52}$**		**4-Cyclohexyleicosane**				**4443-58-7**
l-g	9.87614	5107.081	0	489/523	485/525 B	517.11/1	55-schwhi-1
1463	**$C_{26}H_{52}$**		**5-Cyclohexyleicosane**				**4443-59-8**
l-g	10.00618	5171.367	0	489/524	485/525 C	516.82/1	55-schwhi-1
1464	**$C_{26}H_{52}$**		**7-Cyclohexyleicosane**				**4443-60-1**
l-g	9.48036	4889.294	0	487/523	485/525 B	515.73/1	55-schwhi-1
1465	**$C_{26}H_{52}$**		**9-Cyclohexyleicosane**				**4443-61-2**
l-g	9.58203	4941.604	0	487/523	485/525 B	515.72/1	55-schwhi-1
1466	**$C_{26}H_{52}$**		**1-Cyclopentyl-uneicosane**				**6703-82-8**
l-g	9.16545	4857.463	0	499/537	495/540 B	529.98/1	55-schwhi-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1467	**$C_{26}H_{52}$**		**11-Cyclopentyl-uneicosane**				**6703-81-7**
l-g	9.31385	4812.339	0	487/524	485/525 B	516.69/1	55-schwhi-1
1468	**$C_{26}H_{52}$**		**Eicosylcyclohexane**				**4443-55-4**
l-g	9.18812	4878.436	0	500/538	495/540 B	530.95/1	55-schwhi-1
1469	**$C_{26}H_{52}$**		**3-Ethyltetracosane**				**55282-12-7**
l-g	9.01304	4700.004	0	490/529	488/530 B	521.47/1	51-cla 55-schwhi-1
1470	**$C_{26}H_{52}$**		**1-Hexacosene**				**18835-33-1**
l-g	6.3697	2284.5	–160.75	434/684	430/688 C	684.15/101.325	72-trchc
1471	**$C_{26}H_{54}$**		**5-Butyldocosane**				**55282-16-1**
l-g	9.55503	4883.764	0	468/518	465/520 C	462.70/0.1	55-schwhi-1
1472	**$C_{26}H_{54}$**		**7-Butyldocosane**				**55282-15-0**
l-g	7.55412	2941.468	–118.211	467/514	465/520 B	507.60/1	51-cla 55-schwhi-1
1473	**$C_{26}H_{54}$**		**9-Butyldocosane**				**55282-14-9**
l-g	7.87297	3365.142	–81.422	466/516	465/520 B	508.85/1	51-cla 55-schwhi-1
1474	**$C_{26}H_{54}$**		**11-Butyldocosane**				**13475-76-8**
l-g	9.54947	4859.963	0	466/516	465/520 B	508.92/1	51-cla 55-schwhi-1
1475	**$C_{26}H_{54}$**		**5,14-Dibutyloctadecane**				**55282-13-8**
l-g	10.47657	5854.917	57.421	458/508	455/510 C	501.44/1	51-cla 55-schwhi-1
1476	**$C_{26}H_{54}$**		**6,11-Dipentylhexadecane**				**15874-03-0**
l-g	9.33499	4645.022	0	469/504	466/506 B	497.59/1	55-schwhi-1
1477	**$C_{26}H_{54}$**		**3-Ethyl-5-(2-ethylbutyl)octadecane**				**55282-12-7**
l-g	9.30542	4616.346	0	467/503	466/505 B	496.09/1	55-schwhi-1
1478	**$C_{26}H_{54}$**		**3-Ethyltetracosane**				**55282-17-2**
l-g	9.0146	4700.6	0	490/529	490/529 C		79-dykrep
1479	**$C_{26}H_{54}$**		**Hexacosane**				**630-01-3**
l-g	7.7131	3496.1	–72	356/546	350/550 C	685.35/101.325	92-piapom/ trchc
l-g	6.4254	2329.3	–158.15	434/685	550/693 C		72-piapom/ trchc
1480	**$C_{26}H_{54}$**		**7-Hexyleicosane**				**55333-99-8**
l-g	10.51598	5321.169	0	467/512	466/514 B	506.01/1	51-cla 55-schwhi-1
1481	**$C_{26}H_{54}$**		**2-Methylpentacosane**				**629-87-8**
l-g	6.3834	2265.1	–163.05	433/680	425/688 C		72-trchc
1482	**$C_{26}H_{54}$**		**11-Neopentyluneicosane**				**55282-10-5**
l-g	9.62555	4857.085	0	476/511	475/515 B	504.60/1	55-schwhi-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1483	**$C_{26}H_{54}$**		**11-Pentyluneicosane**				**14739-72-1**
l-g	10.01343	5064.739	0	465/512	464/515 B	505.79/1	51-cla 55-schwhi-1
1484	**$C_{26}H_{54}$**		**12-Propyl tricosane**				**79370-84-6**
l-g	9.16073	4751.478	0	435/454	430/460 D	454.18/0.05	82-fregre
1485	**$C_{26}H_{54}$**		**11-(Ethylpropyl)-heneicosane**				**55282-11-6**
l-g	9.73063	4885.895	0	474/509	473/510 B	502.1/1	55-schwhi-1

2.6 Hydrocarbons, C_{27} to C_{100}

Phase	Antoine constants			T-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (n)	B [K], (E)	C [K], (F)	[K]	Rating		Note
1486	**$C_{27}H_{40}$**		**5-Pentadecylace-naphthene**				**55334-13-9**
l-g	11.81486	7877.468	106.212	500/568	500/568 B	560.530/1	55-schwhi-1
1487	**$C_{27}H_{48}$**		**5-α-Cholestane**				**481-21-0**
l-g	12.04437	6783.928	31.466	482/538	482/540 B	531.78/1	55-schwhi-1
1488	**$C_{27}H_{48}$**		**Henicosylbenzene**				**40775-09-5**
l-g	6.3745	2371.5	–162.65	446/705	446/707 C	702.15/101.325	72-trchc
1489	**$C_{27}H_{48}$**		**11-Phenyluneicosane**				**6703-80-6**
l-g	9.26761	4834.704	0.000	491/529	491/530 B	521.68/1	55-schwhi-1
1490	**$C_{27}H_{50}$**		**5-Pentadecyldodeca-hydroacenaphthylene**				**55282-69-4**
l-g	8.39400	4140.388	–53.505	486/554	485/555 B	546.76/1	55-schwhi-1
1491	**$C_{27}H_{54}$**		**11-Cyclohexyluneicosane**				**6703-99-7**
l-g	10.61151	5544.985	0.000	495/529	485/530 B	522.54/1	55-schwhi-1
1492	**$C_{27}H_{54}$**		**Henicosylcyclohexane**				**26718-82-1**
l-g	6.3873	2390.6	–160.15	445/706	441/710 C	705.15/101.325	72-trchc
1493	**$C_{27}H_{54}$**		**1-Heptacosene**				**15306-27-1**
l-g	6.3859	2320	–164.45	441/694	436/700 C	694.15/101.325	72-trchc
1494	**$C_{27}H_{54}$**		**11-(Cyclopentylmethyl)-uneicosane**				**6703-79-3**
l-g	9.41762	4917.804	0.000	492/529	482/530 B	522.19/1	55-schwhi-1
1495	**$C_{27}H_{56}$**		**Heptacosane**				**593-49-7**
l-g	7.4395	3266.3	–97	377/400	375/410 C	695.25/101.325	92-piapom/ trchc
l-g	6.4422	2365.8	–161.75	442/695	435/700 C		72-piapom/ trchc
1496	**$C_{27}H_{56}$**		**2-Methylhexacosane**				**1561-02-0**
l-g	6.399	2300.1	–166.85	441/690	441/690 C		72-trchc
1497	**$C_{28}H_{14}$**		**Phenanthro[1.10.9.8-opqra]perylene**				**190-39-6**
cr-g	12.914	9430	0.000	590/630	590/630 C	592.56/0.001	52-inoshi 79-dykrep Note 2
1498	**$C_{28}H_{18}$**		**9,9'-Bianthracene**				**1055-23-8**
cr-g	10.545	6679	0.000	413/473	413/473 C	459.20/0.0001	58-hoypep Note 2
1499	**$C_{28}H_{32}$**		**1,7-Diphenyl-4-(3-phenylpropyl)-3-heptene**				**55282-03-6**
l-g	7.96942	3741.993	–79.042	488/556	486/558 B	548.59/1	55-schwhi-1
1500	**$C_{28}H_{34}$**		**1,7-Diphenyl-4-(3-phenylpropyl)heptane**				**55282-64-9**
l-g	8.24142	3928.988	–73.034	490/557	488/560 B	549.77/1	55-schwhi-1
1501	**$C_{28}H_{50}$**		**2-Decyl-1-phenyldodecane**				**55334-72-0**
l-g	10.20812	5365.675	0.000	498/532	495/533 B	525.63/1	55-schwhi-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1502	**$C_{28}H_{50}$**		**Docosylbenzene**				**5634-22-0**
l-g	6.3886	2404.1	–166.25	453/715	445/725 C	711.15/101.325	72-trchc
1503	**$C_{28}H_{52}$**		**1,7-Dicyclohexyl-4-(13-cyclohexylpropyl)-heptane**				**55334-73-1**
l-g	10.06363	5757.870	30.143	482/549	480/550 B	542.00/1	55-schwhi-1
1504	**$C_{28}H_{54}$**		**1-Cyclohexy-2-(cyclohexylmethyl)-pentadecane**				**55255-74-8**
l-g	10.25921	5430.451	0.000	501/536	500/538 B	529.32/1	55-schwhi-1
1505	**$C_{28}H_{56}$**		**11-Cyclohexyl-2-(cycohexylmethyl)-pentadecane**				**6704-00-3**
l-g	9.18580	4877.382	0.000	500/538	499/540 B	530.97/1	55-schwhi-1
1506	**$C_{28}H_{56}$**		**Docosylcyclohexane**				**61828-07-7**
l-g	6.4027	2424.4	–163.65	452/715	446/721 C	714.15/101.325	72-trchc
1507	**$C_{28}H_{56}$**		**2,2,4,10,12,12-Hexamethyl-7-(3,5,5-trimethylhexyl)-6-tridecene**				**55255-73-7**
l-g	8.81263	4132.059	–12.505	426/488	425/490 B	481.38/1	55-schwhi-1
1508	**$C_{28}H_{56}$**		**1-Octacosene**				**18835-34-2**
l-g	6.4015	2354.2	–167.95	448/703	448/703 D	703.15/101.325	72-trchc
1509	**$C_{28}H_{58}$**		**2,2,4,10,12,12-Hexamethyl-7-(3,5,5-trimethylhexyl)-tridecane**				**3035-75-4**
l-g	7.94805	3386.916	–57.989	330/490	330/492 C	484.12/1	78-macwin 64-mor 55-schwhi-1
1510	**$C_{28}H_{58}$**		**7-Hexyldocosane**				**55373-86-9**
l-g	10.02577	5259.711	0.000	496/531	495/532 B	524.62/1	55-schwhi-1
1511	**$C_{28}H_{58}$**		**2-Methylheptacosane**				**1561-00-8**
l-g	6.4139	2333.9	–170.45	448/700	448/700 C		72-trchc
1512	**$C_{28}H_{58}$**		**Octacosane**				**630-02-4**
l-g	7.4134	3256.3	–97	356/569	350/574 C	704.75/101.325	92-piapom/ trchc
l-g	6.4583	2400.9	–165.25	449/704	574/712 C		72-piapom/ trchc
1513	**$C_{28}H_{58}$**		**9-Octyleicosane**				**13475-77-9**
l-g	10.64038	5576.096	0.000	497/530	495/531 B	524.05/1	55-schwhi-1
1514	**$C_{29}H_{50}$**		**11-(2,5-Dimethylphenyl)-10-uneicosene**				**900001-50-5**
l-g	9.00465	4386.921	–40.204	471/534	470/534 B	527.39/1	55-schwhi-1
1515	**$C_{29}H_{52}$**		**11-(2,5-Dimethylphenyl)-henicosane**				**55373-91-6**
l-g	9.96167	5263.92	0	472/535	462/545 C		84-dykrep
1516	**$C_{29}H_{52}$**		**Tricosylbenzene**				**61828-04-4**
l-g	6.4022	2435.5	–169.75	459/724	458/728 C	723.7/101.325	72-trchc
1517	**$C_{29}H_{52}$**		**11-(2,5-Dimethylphenyl)-10-uneicosene**				**900001-51-6**
l-g	10.46804	5768.991	22.681	473/535	472/536 C	528.42/1	55-schwhi-1
1518	**$C_{29}H_{58}$**		**1-Nonacosene**				**18835-35-3**
l-g	6.4164	2387.3	–171.45	455/713	455/713 D	713.15/101.325	72-trchc
1519	**$C_{29}H_{58}$**		**Tricosylcyclohexane**				**61828-08-8**
l-g	6.4175	2457.1	–167.15	459/724	458/728 C	722.15/101.325	72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1520	**$C_{29}H_{60}$**		**2-Methyloctacosane**				**1560-98-1**
l-g	6.4283	2366.5	–174.05	455/709	455/709 C		72-trchc
1521	**$C_{29}H_{60}$**		**Nonacosane**				**630-03-5**
l-g	7.2918	3256.3	–105	377/420	375/425 C	713.95/101.325	92-piapom/ trchc
l-g	6.4736	2434.9	–168.55	456/713	448/721 C		72-piapom/ trchc Note 2
1522	**$C_{30}H_{16}$**		**Pyranthrene**				**191-13-9**
cr-g	13.950	10150	0.000	590/630	590/630 C	598.82/0.001	52-inoshi
1523	**$C_{30}H_{30}$**		**1,1,6,6-Tetraphenylhexane**				**2819-41-2**
cr-g	9.70620	5452.110	–10.108	511/579	510/580 B	571.82/1	55-schwhi-1
1524	**$C_{30}H_{34}$**		**1,10-Di(1-naphthyl)decane**				**40339-27-3**
l-g	8.46853	4709.680	–51.790	540/616	540/616 B	607.93/1	55-schwhi-1
1525	**$C_{30}H_{54}$**		**1,10-*Bis*(decahydro-1-naphthyl)decane**				**55268-64-9**
l-g	10.56100	5940.162	–14.001	520/583	520/584 C	576.46/1	55-schwhi-1
1526	**$C_{30}H_{54}$**		**Tetracosylbenzene**				**61828-05-5**
l-g	6.4152	2465.9	–173.15	466/732	465/734 C	732.4/101.325	72-trchc
1527	**$C_{30}H_{54}$**		**1,1,6,6-Tetracyclohexyl-hexane**				**55281-91-9**
l-g	7.95081	3770.497	–88.001	501/570	501/570 B	562.23/1	55-schwhi-1
1528	**$C_{30}H_{60}$**		**Tetracosylcyclo-hexane**				**61828-09-9**
l-g	6.4316	2488.5	–170.45	465/733	455/743 C	731.15/101.325	72-trchc
1529	**$C_{30}H_{60}$**		**1-Triacontene**				**18435-53-5**
l-g	6.4307	2419.3	–174.75	462/721	457/727 C	721.15/101.325	72-trchc
1530	**$C_{30}H_{62}$**		**2,6,10,15,19,23-Hexamethyltetra-cosane, (Squalane)**				**111-01-3**
l-g	7.16941	2972.230	–112.446	363/513	363/515 C	476.27/0.1	69-eggsei
1531	**$C_{30}H_{62}$**		**2-Methylnonacosane**				**1560-75-4**
l-g	6.442	2398	–177.45	461/718	461/718 C		72-trchc
1532	**$C_{30}H_{62}$**		**9-Octyldocosane**				**55319-83-0**
l-g	10.01220	5395.731	0.000	510/546	509/546 B	538.92/1	55-schwhi-1
1533	**$C_{30}H_{62}$**		**Triacontane**				**638-68-6**
l-g	6.4882	2467.5	–171.85	462/722	454/730 C	722.85/101.325	72-trchc
1534	**$C_{31}H_{34}$**		**1,1-Di(1-naphthyl)-1-undecene**				**56247-76-8**
l-g	10.90487	7028.519	63.722	518/588	518/590 B	580.81/1	55-schwhi-1
1535	**$C_{31}H_{48}$**		**1-(1-Decylundec-1-enyl)napthalene**				**55319-81-8**
l-g	11.12086	7030.140	72.627	499/567	499/569 B	559.53/1	55-schwhi-1
1536	**$C_{31}H_{56}$**		**1,1-*Bis*(decahydro-1-naphthyl)undecane**				**55373-96-1**
l-g	10.46755	5798.364	0.000	525/561	520/564 B	553.94/1	55-schwhi-1
1537	**$C_{31}H_{56}$**		**Pentacosylbenzene**				**61828-06-6**
l-g	6.4276	2495.1	–176.45	472/741	472/741 D	740.7/101.325	72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1538	**$C_{31}H_{56}$**		**13-Phenylpentacosane**				**6006-90-2**
l-g	11.30669	6981.596	64.213	495/561	495/563 C	553.26/1	55-schwhi-1
1539	**$C_{31}H_{60}$**		**1-(1-Decylundecyl)-decahydronaphthalene**				**55320-00-8**
l-g	10.01828	5540.401	0.000	523/560	520/560 C	553.03/1	55-schwhi-1
1540	**$C_{31}H_{62}$**		**13-Cyclohexyl-pentacosane**				**6697-15-0**
l-g	11.31421	6991.302	64.653	495/560	495/560 C	553.27/1	55-schwhi-1
1541	**$C_{31}H_{62}$**		**1-Hentriacontene**				**18435-54-6**
l-g	6.4444	2450.1	–178.05	468/730	468/730 D	730.15/101.325	72-trchc
1542	**$C_{31}H_{62}$**		**Pentacosylcyclo-hexane**				**61828-10-2**
l-g	6.445	2518.8	–173.75	472/741	470/744 C	739.15/101.325	72-trchc
1543	**$C_{31}H_{64}$**		**2-Methyltriacontane**				**1560-72-1**
l-g	6.4551	2428.5	–180.75	468/726	468/726 C		72-trchc
1544	**$C_{31}H_{64}$**		**11-Decyluneicosane**				**55320-06-4**
l-g	15.53096	5609.248	–49.606	298/313	295/315 B	310.13/0.000001	51-brawag
l-g	9.63510	5280.002	0.000	517/555	515/558 B	548.00/1	55-schwhi-1
1545	**$C_{31}H_{64}$**		**Hentriacontane**				**630-04-6**
l-g	6.502	2499.1	–174.95	469/731	469/731 C	731.15/101.325	72-trchc
1546	**$C_{32}H_{14}$**		**Ovalene**				**190-26-1**
cr-g	14.882	11040	0.000	590/610	590/610 C	617.38/0.001	52-inoshi Note 2
1547	**$C_{32}H_{58}$**		**Hexacosylbenzene**				**13024-80-1**
l-g	6.4395	2523.4	–179.65	478/749	470/750 D	748.8/101.325	72-trchc
1548	**$C_{32}H_{64}$**		**1-Dotriacontene**				**18435-55-7**
l-g	6.4574	2479.9	–181.15	474/738	474/738 D	738.15/101.325	72-trchc
1549	**$C_{32}H_{64}$**		**Hexacosylcyclo-hexane**				**61828-11-3**
l-g	6.4578	2548	–176.85	478/749	478/749 D	747.15/101.325	72-trchc
1550	**$C_{32}H_{66}$**		**11-Decyldocosane**				**55401-55-3**
l-g	10.27747	5677.517	0.000	523/559	520/559 B	552.42/1	55-schwhi-1
1551	**$C_{32}H_{66}$**		**Dotriacontane**				**544-85-4**
l-g	6.5152	2529.4	–177.95	475/739	475/739 C	740.15/101.325	72-trchc
1552	**$C_{32}H_{66}$**		**2-Methylhentriacontane**				**1720-12-3**
l-g	6.4676	2457.9	–183.85	474/735	474/735 C		72-trchc
1553	**$C_{32}H_{66}$**		**9-Octyltetracosane**				**55401-54-2**
l-g	10.05712	5278.382	–31.778	502/563	501/565 B	556.62/1	55-schwhi-1
1554	**$C_{33}H_{60}$**		**Heptacosylbenzene**				**61828-25-9**
l-g	6.4508	2550.6	–182.65	484/756	484/756 D	750.15/101.325	72-trchc
1555	**$C_{33}H_{66}$**		**Heptacosylcyclo-hexane**				**61828-12-4**
l-g	6.4699	2576.1	–179.85	484/757	484/757 D	754.15/101.325	72-trchc
1556	**$C_{33}H_{66}$**		**1-Tritriacontene**				**61868-11-9**
l-g	6.4698	2508.7	–184.15	480/746	480/746 D	746.15/101.325	72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1557	**$C_{33}H_{68}$**		**2-Methyldotriacontane**				**1720-11-2**
l-g	6.4795	2486.3	–186.95	480/743	480/743 C		72-trchc
1558	**$C_{33}H_{68}$**		**Tritriacontane**				**630-05-7**
l-g	6.5276	2558.7	–180.95	481/747	473/755 C	748.15/101.325	72-trchc
1559	**$C_{34}H_{18}$**		**Benzo[rst]phenanthro-[1, 10, 9-cde]-pentaphene**				**190-93-2**
cr-g	10.885	8050	0.000	480/600	480/600 C	579.76/0.001	67-wakino Note 2
1560	**$C_{34}H_{18}$**		**Tetrabenzo-[de,hi,op,st]pentacene**				**191-79-7**
cr-g	11.925	6190	0.000	345/445	345/450 C	414.74/0.001	67-wakino Note 2
1561	**$C_{34}H_{20}$**		**Violanthrene**				**81-31-2**
cr-g	12.205	10260	0.000	560/730	560/730 C	674.78/0.001	67-wakino Note 2
1562	**$C_{34}H_{21}$**		**Isoviolanthrene**				**4430-29-9**
cr-g	13.975	11450	0.000	570/720	570/720 C	674.52/0.001	67-wakino Note 2
1563	**$C_{34}H_{62}$**		**Octacosylbenzene**				**61828-26-0**
l-g	6.4615	2576.9	–185.65	490/764	490/764 D	764/101.325	72-trchc
1564	**$C_{34}H_{68}$**		**Octacosylcyclohexane**				**61828-13-5**
l-g	6.4813	2603.2	–182.75	490/764	490/764 D	761.15/101.325	72-trchc
1565	**$C_{34}H_{68}$**		**1-Tetratriacontene**				**61868-12-0**
l-g	6.4816	2536.5	–187.05	486/754	486/754 D	754.15/101.325	72-trchc
1566	**$C_{34}H_{70}$**		**11-Decyltetracosane**				**55429-84-0**
l-g	10.40784	5905.585	0.000	538/574	538/575 B	567.42/1	55-schwhi-1
1567	**$C_{34}H_{70}$**		**2-Methyltritriacontane**				**66214-27-5**
l-g	6.4907	2513.8	–189.85	486/750	482/763 C		72-trchc
1568	**$C_{34}H_{70}$**		**9-Octylhexacosane**				**55429-83-9**
l-g	10.13539	5758.966	0.000	538/575	536/576 B	568.20/1	55-schwhi-1
1569	**$C_{34}H_{70}$**		**Tetratriacontane**				**14167-59-0**
l-g	6.5394	2586.9	–183.75	487/754	482/760 C	755.15/101.325	72-trchc
1570	**$C_{35}H_{64}$**		**Nonacosylbenzene**				**61828-27-1**
l-g	6.4717	2602.3	–188.45	495/771	495/771 D	764.15/101.325	72-trchc
1571	**$C_{35}H_{64}$**		**15-Phenylnonacosane**				**56247-97-3**
l-g	11.35407	6562.324	0.000	523/550	523/560 C	577.97/1	55-schwhi-1
1572	**$C_{35}H_{70}$**		**15-Cyclohexyl-nonacosane**				**55521-27-2**
l-g	11.72732	6736.292	0.000	548/580	545/581 B	574.41/1	55-schwhi-1
1573	**$C_{35}H_{70}$**		**Nonacosylcyclo-hexane**				**61828-14-6**
l-g	6.4921	2629.2	–185.55	495/771	495/771 D	768.15/101.325	72-trchc
1574	**$C_{35}H_{70}$**		**1-Pentatriacontene**				**61868-13-1**
l-g	6.4927	2563.3	–189.85	492/761	492/761 D	762.15/101.325	72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1575	**$C_{35}H_{72}$**		**2-Methyltetratriacontane**				**14167-65-8**
l-g	6.5014	2540.14	–192.75	491/758	486/765 C		72-trchc
1576	**$C_{35}H_{72}$**		**Pentatriacontane**				**630-07-9**
l-g	6.5504	2614.1	–186.55	492/762	484/770 C	763.15/101.325	72-trchc
1577	**$C_{36}H_{66}$**		**Triacontylbenzene**				**50715-02-1**
l-g	6.4814	2626.8	–191.25	501/778	491/788 D	778.15/101.325	72-trchc
1578	**$C_{36}H_{72}$**		**1-Hexatriacontene**				**61868-14-2**
l-g	6.5033	2589.2	–192.55	497/768	497/768 D	769.15/101.325	72-trchc
1579	**$C_{36}H_{72}$**		**Triacontylcyclohexane**				**61828-15-7**
l-g	6.5023	2654.3	–188.35	500/778	500/778 D	775.15/101.325	72-trchc
1580	**$C_{36}H_{74}$**		**Hexatriacontane**				**630-06-8**
l-g	6.5608	2640.3	–189.15	497/769	489/777 C	770.15/101.325	72-trchc
1581	**$C_{36}H_{74}$**		**2-Methylpenta-triacontane**				**66576-73-6**
l-g	6.5114	2566	–195.55	497/765	497/765 D		72-trchc
1582	**$C_{36}H_{74}$**		**13-Undecylpentacosane**				**55517-89-0**
l-g	12.19056	7000.559	0.000	548/580	546/581 B	574.26/1	55-schwhi-1
1583	**$C_{37}H_{68}$**		**Hentriacontylbenzene**				**61828-28-2**
l-g	6.4905	2650.4	–193.95	506/785	506/785 D	785/101.325	72-trchc
1584	**$C_{37}H_{74}$**		**Hentriacontylcyclo-hexane**				**61828-16-8**
l-g	6.5119	2678.5	–190.95	505/785	505/785 D	781.15/101.325	72-trchc
1585	**$C_{37}H_{74}$**		**1-Heptatriacontene**				**61868-15-3**
l-g	6.5132	2614.1	–195.15	502/775	502/775 D	776.15/101.325	72-trchc
1586	**$C_{37}H_{76}$**		**Heptatriacontane**				**7194-84-5**
l-g	6.5706	2665.5	–191.75	503/776	503/776 C	777.15/101.325	72-trchc
1587	**$C_{37}H_{76}$**		**2-Methylhexa-triacontane**				**66577-06-8**
l-g	6.5209	2590.7	–198.15	502/772	502/772 D		72-trchc
1588	**$C_{38}H_{30}$**	**1-Diphenylmethylene-4-triphenylmethyl-2,5-cyclohexadiene,-(Hexaphenylethane)**					**18909-18-7**
l-g	11.60478	5848.787	0.000	348/394	348/394 D	374.81/0.0001	36-cutben
1589	**$C_{38}H_{30}$**		**Hexaphenylethane**				**17854-07-8**
cr-g	11.5087	5821.52	0	365/400	355/405 D		97-trchc
1590	**$C_{38}H_{70}$**		**Dotriacontylbenzene**				**61828-29-3**
l-g	6.499	2673.2	–196.45	511/791	511/791 D	791/101.325	72-trchc
1591	**$C_{38}H_{76}$**		**Dotriacontylcyclo-hexane**				**61828-17-9**
l-g	6.5209	2701.8	–193.55	510/792	510/792 D	788.15/101.325	72-trchc
1592	**$C_{38}H_{76}$**		**1-Octatriacontene**				**61868-16-4**
l-g	6.5226	2638.2	–197.75	507/782	507/782 D	783.15/101.325	72-trchc
1593	**$C_{38}H_{78}$**		**2-Methylhepta-triacontane**				**66576-92-9**
l-g	6.5299	2614.7	–200.75	507/779	507/779 D		72-trchc
1594	**$C_{38}H_{78}$**		**Octatriacontane**				**7194-85-6**
l-g	6.5797	2689.8	–194.25	508/782	508/782 C	784.15/101.325	72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1595	**$C_{39}H_{72}$**		**17-Phenyltritriacontane**				**55517-74-3**
l-g	12.89548	7683.075	0.000	544/571	540/571 B	541.19/0.05	55-schwhi-1
1596	**$C_{39}H_{72}$**		**Tritriacontylbenzene**				**61828-30-6**
l-g	6.5071	2695.1	–198.95	516/798	516/798 D	798/101.325	72-trchc
1597	**$C_{39}H_{78}$**		**17-Cyclohexyltri-triacontane**				**55517-75-4**
l-g	11.49012	6890.323	0.000	570/601	565/601 B	599.67/1	55-schwhi-1
1598	**$C_{39}H_{78}$**		**1-Nonatriacontene**				**61868-17-5**
l-g	6.5313	2661.5	–200.15	512/788	512/788 D	790.15/101.325	72-trchc
1599	**$C_{39}H_{78}$**		**Tritriacontylcyclo-hexane**				**61828-18-0**
l-g	6.5293	2724.2	–196.05	515/798	515/798 D	794.15/101.325	72-trchc
1600	**$C_{39}H_{80}$**		**2-Methyloctatriacontane**				**66576-59-8**
l-g	6.5382	2637.7	–203.25	512/785	512/785 D		72-trchc
1601	**$C_{39}H_{80}$**		**Nonatriacontane**				**7194-86-7**
l-g	6.5883	2713.2	–196.65	512/789	512/789 C	791.15/101.325	72-trchc
1602	**$C_{40}H_{74}$**		**Tetratriacontyl-benzene**				**61828-31-7**
l-g	6.5146	2716.3	–201.45	520/804	520/804 D	803.9/101.325	72-trchc
1603	**$C_{40}H_{80}$**		**1-Tetracontene**				**61868-18-6**
l-g	6.5396	2683.9	–202.55	517/794	517/794 D	796.15/101.325	72-trchc
1604	**$C_{40}H_{80}$**		**Tetratriacontylcyclo-hexane**				**61828-19-1**
l-g	6.5372	2745.8	–198.45	520/804	520/804 D	800.15/101.325	72-trchc
1605	**$C_{40}H_{82}$**		**2-Methylnona-triacontane**				**66576-48-5**
l-g	6.5461	2660	–205.65	517/791	517/791 D		72-trchc
1606	**$C_{40}H_{82}$**		**Tetracontane**				**4181-95-7**
l-g	6.5962	2735.8	–199.05	517/795	517/795 C	798.15/101.325	72-trchc
1607	**$C_{41}H_{76}$**		**Pentatriacontyl-benzene**				**61828-32-8**
l-g	6.5217	2736.7	–203.75	525/810	525/810 D	809.8/101.325	72-trchc
1608	**$C_{41}H_{82}$**		**1-Hentetracontene**				**66576-37-2**
l-g	6.5472	2705.5	–204.85	521/800	521/800 D		72-trchc
1609	**$C_{41}H_{82}$**		**Pentatriacontylcyclo-hexane**				**61828-20-4**
l-g	6.5445	2766.5	–200.75	524/810	524/810 D	807.15/101.325	72-trchc
1610	**$C_{41}H_{84}$**		**Hentetracontane**				**7194-87-8**
l-g	6.6035	2757.5	-201.35	522/801	522/801 C		72-trchc
1611	**$C_{41}H_{84}$**		**2-Methyltetracontane**				**66576-38-3**
l-g	6.5534	2681.5	–207.95	521/797	521/797 D		72-trchc
1612	**$C_{42}H_{28}$**		**5,6,11,12-Tetraphenyl-naphthacene, (Rubrene)**				**517-51-1**
cr-g	12.835	8397	0.000	453/523	450/525 C	498.78/0.0001	58-hoypep
1613	**$C_{42}H_{30}$**		**Hexaphenyl benzene**				**992-04-1**
l-g	7.569	4444	0.000		>699 D	757.07/50	62-johmce
cr-g	13.181	8550	0.000		<698 D	684.98/5	62-johmce

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1614	**$C_{42}H_{78}$**		**Hexatriacontyl-benzene**				**61828-33-9**
l-g	6.5282	2756.3	–206.05	529/815	529/815 D	806.15/101.325	72-trchc
1615	**$C_{42}H_{84}$**		**1-Dotetracontene**				**21807-60-3**
l-g	6.5544	2726.4	–207.15	526/806	526/806 D		72-trchc
1616	**$C_{42}H_{84}$**		**Hexatriacontylcyclohexane**				**61828-21-5**
l-g	6.5513	2786.5	–203.05	529/816	529/816 D	811.15/101.325	72-trchc
1617	**$C_{42}H_{86}$**		**Dotetracontane**				**7098-20-6**
l-g	6.2999	2447.7	–240.1	567/810	567/810 D		79-dykrep
1618	**$C_{42}H_{86}$**		**2,2,4,15,17,17-Hexamethyl-7,12-*bis*(3,5,5-trimethylhexyl)-octadecane**				**55470-97-8**
B	9.63722	4942.539	–55.573	513/575	510/580 B	568.43/1	55-schwhi-1
1619	**$C_{42}H_{86}$**		**2-Methylhen-tetracontane**				**66576-40-7**
l-g	6.5602	2702.3	–210.25	526/803	526/803 D		72-trchc
1620	**$C_{43}H_{80}$**		**Heptatriacontyl-benzene**				**66576-74-7**
l-g	6.5343	2775.3	–208.25	533/821	533/821 D		72-trchc
1621	**$C_{43}H_{86}$**		**Heptatriacontyl-cyclohexane**				**66576-75-8**
l-g	6.5575	2805.7	–205.25	533/821	533/821 D		72-trchc
1622	**$C_{43}H_{86}$**		**1-Tritetracontene**				**66576-76-9**
l-g	6.561	2746.5	–209.35	530/812	530/812 D		72-trchc
1623	**$C_{43}H_{88}$**		**2-Methyldotetracontane**				**66576-77-0**
l-g	6.5665	2722.3	–212.45	530/809	530/809 D		72-trchc
1624	**$C_{43}H_{88}$**		**Tritetracontane**				**7098-21-7**
l-g	6.6166	2798.4	–205.75	530/813	530/813 C		72-trchc
1625	**$C_{44}H_{82}$**		**Octatriacontylbenzene**				**66576-79-2**
l-g	6.5399	2793.5	–210.35	537/826	537/826 D		72-trchc
1626	**$C_{44}H_{88}$**		**Octatriacontyl-cyclohexane**				**66576-80-5**
l-g	6.5633	2824.2	–207.35	537/827	537/827 D		72-trchc
1627	**$C_{44}H_{88}$**		**1-Tetratetracontene**				**66576-81-6**
l-g	6.5672	2765.9	–211.45	534/818	534/818 D		72-trchc
1628	**$C_{44}H_{90}$**		**2-Methyltritetracontane**				**66576-82-7**
l-g	6.5723	2741.6	–214.55	534/815	534/815 D		72-trchc
1629	**$C_{44}H_{90}$**		**Tetratetracontane**				**7098-22-8**
l-g	6.6223	2817.7	–207.75	534/818	534/818 D		72-trchc
1630	**$C_{45}H_{84}$**		**Nonatriacontyl-benzene**				**66576-61-2**
l-g	6.5451	2811.1	–212.45	541/832	541/832 D		72-trchc
1631	**$C_{45}H_{90}$**		**Nonatriacontylcyclo-hexane**				**66576-62-3**
l-g	6.5686	2841.9	–209.45	541/832	541/832 D		72-trchc
1632	**$C_{45}H_{90}$**		**1-Pentatetracontene**				**66576-63-4**
l-g	6.5728	2784.5	–213.45	538/823	538/823 D		72-trchc
1633	**$C_{45}H_{92}$**		**2-Methyltetra-tetracontane**				**66576-64-5**
l-g	6.5776	2760.2	–216.65	538/820	538/820 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1634	**$C_{45}H_{92}$**		**Pentatetracontane**				**7098-23-9**
l-g	6.6275	2836.3	–209.85	538/823	538/823 D		72-trchc
1635	**$C_{46}H_{86}$**		**Tetracontylbenzene**				**66576-67-8**
l-g	6.5498	2828	–214.45	545/837	545/837 D		72-trchc
1636	**$C_{46}H_{92}$**		**1-Hexatetracontene**				**66576-68-9**
l-g	6.578	2802.5	-215.45	542/828	542/828 D		72-trchc
1637	**$C_{46}H_{92}$**		**Tetracontylcyclo-hexane**				**66576-69-0**
l-g	6.5734	2859	–211.45	545/837	545/837 D		72-trchc
1638	**$C_{46}H_{94}$**		**Hexatetracontane**				**7098-24-0**
l-g	6.6322	2854.2	–211.75	542/829	542/829 D		72-trchc
1639	**$C_{46}H_{94}$**		**2-Methylpenta-tetracontane**				**66564-10-1**
l-g	6.5825	2778.2	–218.65	542/826	542/826 D		72-trchc
1640	**$C_{47}H_{88}$**		**Hentetracontyl-benzene**				**66564-12-3**
l-g	6.5541	2844.3	–216.45	549/842	549/842 D		72-trchc
1641	**$C_{47}H_{94}$**		**Hentetracontyl-cyclohexane**				**66564-13-4**
l-g	6.5777	2875.4	–213.35	548/842	548/842 D		72-trchc
1642	**$C_{47}H_{94}$**		**1-Heptatetracontene**				**66576-01-0**
l-g	6.5827	2819.8	–217.35	546/833	546/833 D		72-trchc
1643	**$C_{47}H_{96}$**		**Heptatetracontane**				**7098-25-1**
l-g	6.6364	2871.3	–213.75	546/834	546/834 D		72-trchc
1644	**$C_{47}H_{96}$**		**2-Methylhexa-tetracontane**				**66576-02-1**
l-g	6.5869	2795.5	–220.55	546/831	546/831 D		72-trchc
1645	**$C_{48}H_{88}$**		**Octatetracontane**				**7098-26-2**
l-g	6.6402	2887.8	–215.55	550/839	550/839 D		72-trchc
1646	**$C_{48}H_{90}$**		**Dotetracontylbenzene**				**66576-04-3**
l-g	6.558	2860	–218.35	552/846	552/846 D		72-trchc
1647	**$C_{48}H_{96}$**		**Dotetracontyl-cyclohexane**				**66576-05-4**
l-g	6.5817	2891.2	–215.25	552/847	552/847 D		72-trchc
1648	**$C_{48}H_{96}$**		**1-Octatetracontene**				**66576-06-5**
l-g	6.587	2836.5	–219.25	549/838	549/838 D		72-trchc
1649	**$C_{48}H_{98}$**		**2-Methylhepta-tetracontane**				**66576-07-6**
l-g	6.5909	2812.2	–222.45	550/836	550/836 D		72-trchc
1650	**$C_{49}H_{92}$**		**Tritetracontylbenzene**				**66576-09-8**
l-g	6.5615	2875.1	–220.15	556/851	556/851 D		72-trchc
1651	**$C_{49}H_{98}$**		**1-Nonatetracontene**				**66576-10-1**
l-g	6.5908	2852.6	–221.05	553/843	553/843 D		72-trchc
1652	**$C_{49}H_{98}$**		**Tritetracontyl-cyclohexane**				**66576-11-2**
l-g	6.5852	2906.3	–217.15	556/852	556/852 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1653	**$C_{49}H_{100}$**		**2-Methylocta-tetracontane**				**66576-12-3**
l-g	6.5945	2828.3	–224.25	553/840	553/840 D		72-trchc
1654	**$C_{49}H_{100}$**		**Nonatetracontane**				**7098-27-3**
l-g	6.6435	2903.7	–217.45	553/843	553/843 D		72-trchc
1655	**$C_{50}H_{94}$**		**Tetratetracontyl-benzene**				**66576-14-5**
l-g	6.5646	2889.6	–221.95	559/856	559/856 D		72-trchc
1656	**$C_{50}H_{100}$**		**1-Pentacontene**				**63911-02-4**
l-g	6.5942	2868	–222.85	556/848	556/848 D		72-trchc
1657	**$C_{50}H_{100}$**		**Tetratetracontyl-cyclohexane**				**66576-15-6**
l-g	6.5882	2920.8	–218.95	559/856	559/856 D		72-trchc
1658	**$C_{50}H_{102}$**		**2-Methylnona-tetracontane**				**66576-16-7**
l-g	6.5977	2843.7	–225.95	557/845	557/845 D		72-trchc
1659	**$C_{50}H_{102}$**		**Pentacontane**				**6596-40-3**
l-g	6.6465	2918.9	–219.15	557/848	549/858 C		72-trchc
1660	**$C_{51}H_{96}$**		**Pentatetracontyl-benzene**				**66576-18-9**
l-g	6.5673	2903.5	–223.65	562/860	562/860 D		72-trchc
1661	**$C_{51}H_{102}$**		**1-Henpentacontene**				**66576-19-0**
l-g	6.5973	2882.9	–224.55	560/852	560/852 D		72-trchc
1662	**$C_{51}H_{102}$**		**Pentatetracontyl-cyclohexane**				**66576-20-3**
l-g	6.5909	2934.8	–220.65	562/861	562/861 D		72-trchc
1663	**$C_{51}H_{104}$**		**Henpentacontane**				**7667-76-7**
l-g	6.649	2933.5	–220.85	560/852	560/852 D		72-trchc
1664	**$C_{51}H_{104}$**		**2-Methylpentacontane**				**66575-81-3**
l-g	6.6004	2858.6	–227.65	560/850	560/850 D		72-trchc
1665	**$C_{52}H_{98}$**		**Hexatetracontyl-benzene**				**66575-84-6**
l-g	6.5697	2916.9	–225.35	566/864	566/864 D		72-trchc
1666	**$C_{52}H_{104}$**		**1-Dopentacontene**				**66575-85-7**
l-g	6.5999	2897.2	–226.25	563/857	563/857 D		72-trchc
1667	**$C_{52}H_{104}$**		**Hexatetracontyl-cyclohexane**				**66575-86-8**
l-g	6.5932	2948.2	–222.35	565/865	565/865 D		72-trchc
1668	**$C_{52}H_{106}$**		**Dopentacontane**				**7719-79-1**
l-g	6.6511	2947.5	–222.55	563/857	563/857 D		72-trchc
1669	**$C_{52}H_{106}$**		**2-Methylhen-pentacontane**				**66575-87-9**
l-g	6.6029	2873	–229.35	563/854	563/854 D		72-trchc
1670	**$C_{53}H_{100}$**		**Heptatetracontyl-benzene**				**66575-89-1**
l-g	6.5717	2929.8	–226.95	569/868	569/868 D		72-trchc
1671	**$C_{53}H_{106}$**		**Heptatetracontyl-cyclohexane**				**66563-49-3**
l-g	6.5952	2961	–224.05	568/869	568/869 D		72-trchc
1672	**$C_{53}H_{106}$**		**1-Tripentacontene**				**66577-50-2**
l-g	6.6022	2910.9	–227.85	566/861	566/861 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1673	**$C_{53}H_{108}$**		**2-Methyldopentacontane**				**66575-90-4**
l-g	6.6049	2886.8	–230.95	566/858	566/858 D		72-trchc
1674	**$C_{53}H_{108}$**		**Tripentacontane**				**7719-80-4**
l-g	6.6528	2960.9	–224.15	566/861	566/861 D		72-trchc
1675	**$C_{54}H_{102}$**		**Octatetracontyl-benzene**				**66575-92-6**
l-g	6.5734	2942.2	–228.55	572/873	572/873 D		72-trchc
1676	**$C_{54}H_{108}$**		**Octatetracontyl-cyclohexane**				**66575-93-7**
l-g	6.5968	2973.3	–225.65	571/873	571/873 D		72-trchc
1677	**$C_{54}H_{108}$**		**1-Tetrapentacontene**				**66575-94-8**
l-g	6.6041	2924.1	–229.45	569/865	569/865 D		72-trchc
1678	**$C_{54}H_{110}$**		**2-Methyltripentacontane**				**66575-95-9**
l-g	6.6066	2900.1	–232.55	569/863	569/863 D		72-trchc
1679	**$C_{54}H_{110}$**		**Tetrapentacontane**				**5856-66-6**
l-g	6.6541	2973.8	–225.75	569/865	569/865 D		72-trchc
1680	**$C_{55}H_{104}$**		**Nonatetracontyl-benzene**				**66575-98-2**
l-g	6.5748	2954.1	–230.15	575/877	575/877 D		72-trchc
1681	**$C_{55}H_{110}$**		**Nonatetracontyl-cyclohexane**				**66575-99-3**
l-g	6.5981	2985.1	–227.25	574/877	574/877 D		72-trchc
1682	**$C_{55}H_{110}$**		**1-Pentapentacontene**				**66576-00-9**
l-g	6.6056	2936.8	–230.95	572/869	572/869 D		72-trchc
1683	**$C_{55}H_{112}$**		**2-Methyltetra-pentacontane**				**66575-60-8**
l-g	6.608	2912.9	–234.05	572/867	572/867 D		72-trchc
1684	**$C_{55}H_{112}$**		**Pentapentacontane**				**5846-40-2**
l-g	6.6551	2986.2	–227.35	572/869	572/869 D		72-trchc
1685	**$C_{56}H_{106}$**		**Pentacontylbenzene**				**66575-62-0**
l-g	6.5758	2965.5	–231.65	577/880	577/880 D		72-trchc
1686	**$C_{56}H_{112}$**		**1-Hexapentacontene**				**66575-63-1**
l-g	6.6068	2949	–232.45	575/873	575/873 D		72-trchc
1687	**$C_{56}H_{112}$**		**Pentacontylcyclo-hexane**				**66575-64-2**
l-g	6.599	2996.4	–228.75	577/881	577/881 D		72-trchc
1688	**$C_{56}H_{114}$**		**Hexapentacontane**				**7719-82-6**
l-g	6.6558	2998	–228.85	575/873	575/873 D		72-trchc
1689	**$C_{56}H_{114}$**		**2-Methylpenta-pentacontane**				**66575-65-3**
l-g	6.609	2925.2	–235.55	575/871	575/871 D		72-trchc
1690	**$C_{57}H_{108}$**		**Henpentacontyl-benzene**				**66575-67-5**
l-g	6.5766	2976.4	–233.15	580/884	580/884 D		72-trchc
1691	**$C_{57}H_{114}$**		**Henpentacontyl-cyclohexane**				**66575-68-6**
l-g	6.5996	3007.3	–230.25	580/885	580/885 D		72-trchc
1692	**$C_{57}H_{114}$**		**1-Heptapentacontene**				**66575-69-7**
l-g	6.6077	2960.7	–233.85	578/877	578/877 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1693	**$C_{57}H_{116}$**		**Heptapentacontane**				**5856-67-7**
l-g	6.6561	3009.4	–230.25	578/877	568/887 C		72-trchc
1694	**$C_{57}H_{116}$**		**2-Methylhexa-pentacontane**				**66575-70-0**
l-g	6.6097	2937	–236.95	578/875	578/875 D		72-trchc
1695	**$C_{58}H_{110}$**		**Dopentacontylbenzene**				**66575-73-3**
l-g	6.5771	2986.9	–234.55	583/888	583/888 D		72-trchc
1696	**$C_{58}H_{116}$**		**Dopentacontyl-cyclohexane**				**66575-74-4**
l-g	6.5999	3017.7	–231.65	582/888	582/888 D		72-trchc
1697	**$C_{58}H_{116}$**		**1-Octapentacontene**				**66575-75-5**
l-g	6.6083	2971.9	–235.35	580/881	580/881 D		72-trchc
1698	**$C_{58}H_{118}$**		**2-Methylhepta-pentacontane**				**66575-76-6**
l-g	6.6101	2948.4	–238.35	581/879	581/879 D		72-trchc
1699	**$C_{58}H_{118}$**		**Octapentacontane**				**7667-78-9**
l-g	6.6561	3020.3	–231.75	581/881	581/881 D		72-trchc
1700	**$C_{59}H_{112}$**		**Tripentacontylbenzene**				**66575-78-8**
l-g	6.5772	2997	–235.95	585/891	585/891 D		72-trchc
1701	**$C_{59}H_{118}$**		**1-Nonapentacontene**				**66575-79-9**
l-g	6.6086	2982.7	–236.65	583/885	583/885 D		72-trchc
1702	**$C_{59}H_{118}$**		**Tripentacontyl-cyclohexane**				**66575-80-2**
l-g	6.5999	3027.6	–233.05	585/892	585/892 D		72-trchc
1703	**$C_{59}H_{120}$**		**2-Methylocta-pentacontane**				**66575-49-3**
l-g	6.6105	2959.3	–239.75	583/882	583/882 D		72-trchc
1704	**$C_{59}H_{120}$**		**Nonapentacontane**				**7667-79-0**
l-g	6.6559	3030.7	–233.15	583/885	583/885 D		72-trchc
1705	**$C_{60}H_{114}$**		**Tetrapentacontyl-benzene**				**66575-51-7**
l-g	6.5772	3006.6	–237.35	588/895	588/895 D		72-trchc
1706	**$C_{60}H_{120}$**		**1-Hexacontene**				**66575-52-8**
l-g	6.6086	2993.1	–238.05	586/888	586/888 D		72-trchc
1707	**$C_{60}H_{120}$**		**Tetrapentacontyl-cyclohexane**				**66575-53-9**
l-g	6.5997	3037.1	–234.45	587/895	587/895 D		72-trchc
1708	**$C_{60}H_{122}$**		**Hexacontane**				**7667-80-3**
l-g	6.6553	3040.6	–234.45	586/888	586/888 D		72-trchc
1709	**$C_{60}H_{122}$**		**2-Methylnona-pentacontane**				**66575-54-0**
l-g	6.6101	2969.7	–241.05	586/886	586/886 D		72-trchc
1710	**$C_{61}H_{116}$**		**Pentapentacontyl-benzene**				**66563-50-6**
l-g	6.5768	3015.9	–238.65	590/898	590/898 D		72-trchc
1711	**$C_{61}H_{122}$**		**1-Henhexacontene**				**66563-51-7**
l-g	6.6083	3003	–239.15	588/891	588/891 D		72-trchc
1712	**$C_{61}H_{122}$**		**Pentapentacontyl-cyclohexane**				**66563-52-8**
l-g	6.5992	3046.1	–235.75	590/899	590/899 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1713	**$C_{61}H_{124}$**		**Henhexacontane**				**7667-81-4**
l-g	6.6545	3050.1	–236.15	588/892	588/892 D		72-trchc
1714	**$C_{61}H_{124}$**		**2-Methylhexacontane**				**66563-53-9**
l-g	6.6097	2979.8	–242.15	588/889	588/889 D		72-trchc
1715	**$C_{62}H_{118}$**		**Hexapentacontyl-benzene**				**66563-55-1**
l-g	6.5762	3024.7	–239.95	592/902	592/902 D		72-trchc
1716	**$C_{62}H_{124}$**		**1-Dohexacontene**				**66563-56-2**
l-g	6.6078	3012.5	–240.15	590/895	590/895 D		72-trchc
1717	**$C_{62}H_{124}$**		**Hexapentacontyl-cyclohexane**				**66563-57-3**
l-g	6.5984	3054.8	–237.05	592/902	592/902 D		72-trchc
1718	**$C_{62}H_{126}$**		**Dohexacontane**				**7719-83-7**
l-g	6.6534	3059.2	–237.15	591/895	591/895 D		72-trchc
1719	**$C_{62}H_{126}$**		**2-Methylhen-hexacontane**				**66563-58-4**
l-g	6.609	2989.4	–243.15	590/892	590/892 D		72-trchc
1720	**$C_{63}H_{120}$**		**Heptapentacontyl-benzene**				**66563-60-8**
l-g	6.5754	3033.2	–241.15	595/905	595/905 D		72-trchc
1721	**$C_{63}H_{126}$**		**Heptapentacontyl-cyclohexane**				**66563-61-9**
l-g	6.5974	3063.1	–238.15	594/905	594/905 D		72-trchc
1722	**$C_{63}H_{126}$**		**1-Trihexacontene**				**66563-62-0**
l-g	6.607	3021.6	–242.15	593/899	593/899 D		72-trchc
1723	**$C_{63}H_{128}$**		**2-Methyldohexacontane**				**66563-63-1**
l-g	6.6081	2998.7	–245.15	593/897	593/897 D		72-trchc
1724	**$C_{63}H_{128}$**		**Trihexacontane**				**7719-84-8**
l-g	6.652	3067.9	–238.15	593/898	593/898 D		72-trchc
1725	**$C_{64}H_{122}$**		**Octapentacontyl-benzene**				**66563-65-3**
l-g	6.5743	3041.3	–242.15	597/908	597/908 D		72-trchc
1726	**$C_{64}H_{128}$**		**Octapentacontyl-cyclohexane**				**66563-66-4**
l-g	6.5961	3071	–239.15	596/908	596/908 D		72-trchc
1727	**$C_{64}H_{128}$**		**1-Tetrahexacontene**				**66563-36-8**
l-g	6.606	3030.3	–243.15	595/902	595/902 D		72-trchc
1728	**$C_{64}H_{130}$**		**2-Methyltrihexacontane**				**66563-37-9**
l-g	6.607	3007.6	–246.15	595/900	595/900 D		72-trchc
1729	**$C_{64}H_{130}$**		**Tetrahexacontane**				**7719-87-1**
l-g	6.6504	3076.2	–239.15	595/901	595/901 D		72-trchc
1730	**$C_{65}H_{124}$**		**Nonapentacontyl-benzene**				**66563-39-1**
l-g	6.5731	3049	–243.15	599/911	599/911 D		72-trchc
1731	**$C_{65}H_{130}$**		**Nonapentacontyl-cyclohexane**				**66563-40-4**
l-g	6.5947	3078.6	–241.15	599/912	599/912 D		72-trchc
1732	**$C_{65}H_{130}$**		**1-Pentahexacontene**				**66563-41-5**
l-g	6.6047	3038.6	–244.15	597/905	597/905 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1733	**$C_{65}H_{132}$**		**2-Methyltetra-hexacontane**				**66563-42-6**
l-g	6.6056	3016.1	–247.15	597/903	597/903 D		72-trchc
1734	**$C_{65}H_{132}$**		**Pentahexacontane**				**7719-88-2**
l-g	6.6486	3084.1	–241.15	598/905	598/905 D		72-trchc
1735	**$C_{66}H_{126}$**		**Hexacontylbenzene**				**66563-44-8**
l-g	6.5716	3056.4	–245.15	602/914	602/914 D		72-trchc
1736	**$C_{66}H_{132}$**		**Hexacontylcyclo-hexane**				**66563-45-9**
l-g	6.593	3085.7	–242.15	601/915	601/915 D		72-trchc
1737	**$C_{66}H_{132}$**		**1-Hexahexacontene**				**66563-46-0**
l-g	6.6032	3046.6	–245.15	599/908	599/908 D		72-trchc
1738	**$C_{66}H_{134}$**		**Hexahexacontane**				**7719-89-3**
l-g	6.6465	3091.6	–242.15	600/908	600/908 D		72-trchc
1739	**$C_{66}H_{134}$**		**2-Methylpenta-hexacontane**				**66563-47-1**
l-g	6.604	3024.2	–248.15	599/906	599/906 D		72-trchc
1740	**$C_{67}H_{128}$**		**Henhexacontyl-benzene**				**66563-72-2**
l-g	6.5699	3063.5	–246.15	603/917	603/917 D		72-trchc
1741	**$C_{67}H_{134}$**		**Henhexacontyl-cyclohexane**				**66563-73-3**
l-g	6.5911	3092.6	–243.15	603/917	603/917 D		72-trchc
1742	**$C_{67}H_{134}$**		**1-Heptahexacontene**				**66563-74-4**
l-g	6.6015	3054.2	–246.15	601/911	601/911 D		72-trchc
1743	**$C_{67}H_{136}$**		**Heptahexacontane**				**7719-90-6**
l-g	6.6443	3098.8	–243.15	601/911	601/911 D		72-trchc
1744	**$C_{67}H_{136}$**		**2-Methylhexa-hexacontane**				**66563-75-5**
l-g	6.6022	3032	–249.15	601/909	601/909 D		72-trchc
1745	**$C_{68}H_{130}$**		**Dohexacontylbenzene**				**66563-77-7**
l-g	6.568	3070.3	–247.15	605/920	605/920 D		72-trchc
1746	**$C_{68}H_{136}$**		**Dohexacontyl-cyclohexane**				**66563-78-8**
l-g	6.589	3099.1	–244.15	605/920	605/920 D		72-trchc
1747	**$C_{68}H_{136}$**		**1-Octahexacontene**				**66563-79-9**
l-g	6.5996	3061.5	–247.15	603/913	603/913 D		72-trchc
1748	**$C_{68}H_{138}$**		**2-Methylhepta-hexacontane**				**66563-80-2**
l-g	6.6002	3039.5	–250.15	603/912	603/912 D		72-trchc
1749	**$C_{68}H_{138}$**		**Octahexacontane**				**7719-91-7**
l-g	6.6418	3105.7	–244.15	603/914	603/914 D		72-trchc
1750	**$C_{69}H_{132}$**		**Trihexacontylbenzene**				**66563-82-4**
l-g	6.566	3076.7	–248.15	607/923	607/923 D		72-trchc
1751	**$C_{69}H_{138}$**		**1-Nonahexacontene**				**66563-83-5**
l-g	6.5975	3068.5	–248.15	605/916	605/916 D		72-trchc
1752	**$C_{69}H_{138}$**		**Trihexacontyl-cyclohexane**				**66563-93-7**
l-g	6.5867	3105.3	–245.15	607/923	607/923 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1753	**$C_{69}H_{140}$**		**2-Methylocta-hexacontane**				**66563-94-8**
l-g	6.598	3046.6	–251.15	605/914	605/914 D		72-trchc
1754	**$C_{69}H_{140}$**		**Nonahexacontane**				**7719-92-8**
l-g	6.6392	3112.2	–245.15	605/917	605/917 D		72-trchc
1755	**$C_{70}H_{134}$**		**Tetrahexacontyl-benzene**				**66577-84-2**
l-g	6.5637	3082.9	–249.15	609/925	609/925 D		72-trchc
1756	**$C_{70}H_{140}$**		**1-Heptacontene**				**66577-85-3**
l-g	6.5953	3075.1	–249.15	607/919	607/919 D		72-trchc
1757	**$C_{70}H_{140}$**		**Tetrahexacontyl-cyclohexane**				**66577-86-4**
l-g	6.5843	3111.2	–246.15	608/926	608/926 D		72-trchc
1758	**$C_{70}H_{142}$**		**Heptacontane**				**7719-93-9**
l-g	6.6364	3118.4	–246.15	607/919	607/919 D		72-trchc
1759	**$C_{70}H_{142}$**		**2-Methylnona-hexacontane**				**66577-87-5**
l-g	6.5956	3053.4	–252.15	607/917	607/917 D		72-trchc
1760	**$C_{71}H_{136}$**		**Pentahexacontyl-benzene**				**66577-89-7**
l-g	6.5613	3088.7	–250.15	611/928	611/928 D		72-trchc
1761	**$C_{71}H_{142}$**		**1-Henheptacontene**				**66577-90-0**
l-g	6.5928	3081.4	–250.15	609/922	609/922 D		72-trchc
1762	**$C_{71}H_{142}$**		**Pentahexacontyl-cyclohexane**				**66577-91-1**
l-g	6.5817	3116.8	–247.15	610/928	610/928 D		72-trchc
1763	**$C_{71}H_{144}$**		**Henheptacontane**				**7667-82-5**
l-g	6.6334	3124.3	–247.15	609/922	609/922 D		72-trchc
1764	**$C_{71}H_{144}$**		**2-Methylheptacontane**				**66577-92-2**
l-g	6.5931	3060	–253.15	609/920	609/920 D		72-trchc
1765	**$C_{72}H_{138}$**		**Hexahexacontyl-benzene**				**66577-94-4**
l-g	6.5588	3094.3	–251.15	613/931	613/931 D		72-trchc
1766	**$C_{72}H_{144}$**		**1-Doheptacontene**				**66577-95-5**
l-g	6.5902	3087.5	–251.15	610/924	600/924 D		72-trchc
1767	**$C_{72}H_{144}$**		**Hexahexacontyl-cyclohexane**				**66577-96-6**
l-g	6.5789	3122.2	–248.15	612/931	612/931 D		72-trchc
1768	**$C_{72}H_{146}$**		**Doheptacontane**				**7667-83-6**
l-g	6.6302	3129.9	–248.15	611/925	611/925 D		72-trchc
1769	**$C_{72}H_{146}$**		**2-Methylhen-heptacontane**				**66577-97-7**
l-g	6.5904	3066.2	–254.15	611/923	611/923 D		72-trchc
1770	**$C_{73}H_{140}$**		**Heptahexacontyl-benzene**				**66577-99-9**
l-g	6.5561	3099.6	–252.15	614/933	614/933 D		72-trchc
1771	**$C_{73}H_{146}$**		**Heptahexacontyl-cyclohexane**				**66578-00-5**
l-g	6.576	3127.2	–249.15	614/933	614/933 D		72-trchc
1772	**$C_{73}H_{146}$**		**1-Triheptacontene**				**66578-01-6**
l-g	6.5874	3093.2	–252.15	612/927	612/927 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1773	**$C_{73}H_{148}$**		**2-Methyldoheptacontane**				**66578-02-7**
l-g	6.5875	3072.1	–255.15	613/926	613/926 D		72-trchc
1774	**$C_{73}H_{148}$**		**Triheptacontane**				**7667-84-7**
l-g	6.6269	3135.2	–249.15	612/927	612/927 D		72-trchc
1775	**$C_{74}H_{142}$**		**Octahexacontyl-benzene**				**66577-65-9**
l-g	6.5532	3104.6	–253.15	616/936	616/936 D		72-trchc
1776	**$C_{74}H_{148}$**		**Octahexacontyl-cyclohexane**				**66577-66-0**
l-g	6.5729	3132	–250.15	615/936	615/936 D		72-trchc
1777	**$C_{74}H_{148}$**		**1-Tetraheptacontene**				**66577-67-1**
l-g	6.5845	3098.7	–253.15	614/930	614/930 D		72-trchc
1778	**$C_{74}H_{150}$**		**2-Methyltriheptacontane**				**66577-68-2**
l-g	6.5845	3077.8	–256.15	615/928	615/928 D		72-trchc
1779	**$C_{74}H_{150}$**		**Tetraheptacontane**				**7667-85-8**
l-g	6.6234	3140.2	–250.15	614/930	614/930 D		72-trchc
1780	**$C_{75}H_{144}$**		**Nonahexacontyl-benzene**				**66577-70-6**
l-g	6.5502	3109.4	–254.15	618/938	618/938 D		72-trchc
1781	**$C_{75}H_{150}$**		**Nonahexacontyl-cyclohexane**				**66577-71-7**
l-g	6.5697	3136.5	–251.15	617/938	617/938 D		72-trchc
1782	**$C_{75}H_{150}$**		**1-Pentaheptacontene**				**66577-72-8**
l-g	6.5814	3103.9	–254.15	616/932	616/932 D		72-trchc
1783	**$C_{75}H_{152}$**		**2-Methyltetra-heptacontane**				**66577-73-9**
l-g	6.5813	3083.2	–257.15	616/931	616/931 D		72-trchc
1784	**$C_{75}H_{152}$**		**Pentaheptacontane**				**7667-86-9**
l-g	6.6198	3144.9	–251.15	616/933	616/933 D		72-trchc
1785	**$C_{76}H_{146}$**		**Heptacontylbenzene**				**66577-75-1**
l-g	6.5471	3114	–255.15	619/941	619/941 D		72-trchc
1786	**$C_{76}H_{152}$**		**Heptacontyl-cyclohexane**				**66577-76-2**
l-g	6.5663	3140.8	–252.15	619/941	619/941 D		72-trchc
1787	**$C_{76}H_{152}$**		**1-Hexaheptacontene**				**66577-77-3**
l-g	6.5782	3108.9	–255.15	617/935	617/935 D		72-trchc
1788	**$C_{76}H_{154}$**		**Hexaheptacontane**				**7667-87-0**
l-g	6.616	3149.4	–252.15	618/935	618/935 D		72-trchc
1789	**$C_{76}H_{154}$**		**2-Methylpenta-heptacontane**				**66577-78-4**
l-g	6.5781	3088.3	–258.15	618/933	618/933 D		72-trchc
1790	**$C_{77}H_{148}$**		**Henheptacontyl-benzene**				**66577-80-8**
l-g	6.5439	3118.3	–256.15	621/943	621/943 D		72-trchc
1791	**$C_{77}H_{154}$**		**Henheptacontyl-cyclohexane**				**66577-81-9**
l-g	6.5629	3144.8	–253.15	620/943	620/943 D		72-trchc
1792	**$C_{77}H_{154}$**		**1-Heptaheptacontene**				**66577-82-0**
l-g	6.5748	3113.6	–256.15	619/937	619/937 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1793	**$C_{77}H_{156}$**		**Heptaheptacontane**				**7719-94-0**
l-g	6.6122	3153.7	–253.15	619/938	619/938 D		72-trchc
1794	**$C_{77}H_{156}$**		**2-Methylhexa-heptacontane**				**66575-56-2**
l-g	6.5746	3093.2	–259.15	620/936	620/936 D		72-trchc
1795	**$C_{78}H_{150}$**		**Doheptacontylbenzene**				**66327-30-8**
l-g	6.5405	3122.3	–256.15	622/945	622/945 D		72-trchc
1796	**$C_{78}H_{156}$**		**Doheptacontyl-cyclohexane**				**66327-31-9**
l-g	6.5593	3148.7	–254.15	622/945	622/945 D		72-trchc
1797	**$C_{78}H_{156}$**		**1-Octaheptacontene**				**66327-32-0**
l-g	6.5713	3118	–257.15	621/940	621/940 D		72-trchc
1798	**$C_{78}H_{158}$**		**2-Methylhepta-heptacontane**				**66327-33-1**
l-g	6.5711	3097.9	–260.15	621/939	621/939 D		72-trchc
1799	**$C_{78}H_{158}$**		**Octaheptacontane**				**7719-85-9**
l-g	6.6082	3157.7	–254.15	621/940	621/940 D		72-trchc
1800	**$C_{79}H_{152}$**		**Triheptacontylbenzene**				**66327-34-2**
l-g	6.537	3126.2	–257.15	623/947	623/947 D		72-trchc
1801	**$C_{79}H_{158}$**		**1-Nonaheptacontene**				**66327-35-3**
l-g	6.5677	3122.2	–258.15	622/942	622/942 D		72-trchc
1802	**$C_{79}H_{158}$**		**Triheptacontyl-cyclohexane**				**66327-36-4**
l-g	6.5556	3152.2	–255.15	623/948	623/948 D		72-trchc
1803	**$C_{79}H_{160}$**		**2-Methylocta-heptacontane**				**66327-37-5**
l-g	6.5675	3102.3	–260.15	622/940	622/940 D		72-trchc
1804	**$C_{79}H_{160}$**		**Nonaheptacontane**				**7719-86-0**
l-g	6.6041	3161.5	–255.15	622/943	622/943 D		72-trchc
1805	**$C_{80}H_{154}$**		**Tetraheptacontyl-benzene**				**66327-39-7**
l-g	6.5334	3129.8	–258.15	625/949	625/949 D		72-trchc
1806	**$C_{80}H_{160}$**		**1-Octacontene**				**66327-40-0**
l-g	6.564	3126.2	–259.15	624/945	624/945 D		72-trchc
1807	**$C_{80}H_{160}$**		**Tetraheptacontyl-cyclohexane**				**66327-41-1**
l-g	6.5518	3155.6	–256.15	625/950	625/950 D		72-trchc
1808	**$C_{80}H_{162}$**		**2-Methylnona-heptacontane**				**66327-42-2**
l-g	6.5637	3106.5	–261.15	624/943	624/943 D		72-trchc
1809	**$C_{80}H_{162}$**		**Octacontane**				**7667-88-1**
l-g	6.5999	3165	–256.15	624/945	624/945 D		72-trchc
1810	**$C_{81}H_{156}$**		**Pentaheptacontyl-benzene**				**66327-44-4**
l-g	6.5298	3133.3	–259.15	626/952	626/952 D		72-trchc
1811	**$C_{81}H_{162}$**		**1-Henoctacontene**				**66327-45-5**
l-g	6.5602	3130	–259.15	625/946	625/946 D		72-trchc
1812	**$C_{81}H_{162}$**		**Pentaheptacontyl-cyclohexane**				**66327-46-6**
l-g	6.5479	3158.8	–257.15	627/952	627/942 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1813	**$C_{81}H_{164}$**		**Henoctacontane**				**7667-89-2**
l-g	6.5956	3168	–256.15	625/903	625/903 D		72-trchc
1814	**$C_{81}H_{164}$**		**2-Methyloctacontane**				**66327-47-7**
l-g	6.5598	3111	–262.15	625/945	625/945 D		72-trchc
1815	**$C_{82}H_{158}$**		**Hexaheptacontyl-benzene**				**66327-49-9**
l-g	6.526	3136.5	–260.15	628/954	628/954 D		72-trchc
1816	**$C_{82}H_{164}$**		**1-Dooctacontene**				**66327-50-2**
l-g	6.5563	3134	–260.15	626/949	626/949 D		72-trchc
1817	**$C_{82}H_{164}$**		**Hexaheptacontyl-cyclohexane**				**66327-09-1**
l-g	6.5439	3161.8	–257.15	627/954	627/954 D		72-trchc
1818	**$C_{82}H_{166}$**		**Dooctacontane**				**7719-95-1**
l-g	6.5912	3172	–257.15	626/905	626/905 D		72-trchc
1819	**$C_{82}H_{166}$**		**2-Methylhenoctacontane**				**66327-10-4**
l-g	6.5559	3114	–263.15	627/947	627/947 D		72-trchc
1820	**$C_{83}H_{160}$**		**Heptaheptacontyl-benzene**				**66327-12-6**
l-g	6.5221	3140	–260.15	628/955	628/955 D		72-trchc
1821	**$C_{83}H_{166}$**		**Heptaheptacontyl-cyclohexane**				**66327-13-7**
l-g	6.5398	3165	–258.15	629/956	629/956 D		72-trchc
1822	**$C_{83}H_{166}$**		**1-Trioctacontene**				**66327-14-8**
l-g	6.5523	3137	–261.15	628/951	628/951 D		72-trchc
1823	**$C_{83}H_{168}$**		**2-Methyldooctacontane**				**66327-15-9**
l-g	6.5518	3118	–263.15	628/949	628/949 D		72-trchc
1824	**$C_{83}H_{168}$**		**Trioctacontane**				**7667-90-5**
l-g	6.5867	3174	–258.15	628/907	628/907 D		72-trchc
1825	**$C_{84}H_{162}$**		**Octaheptacontyl-benzene**				**66327-17-1**
l-g	6.5182	3142	–261.15	630/957	630/957 D		72-trchc
1826	**$C_{84}H_{168}$**		**Octaheptacontyl-cyclohexane**				**66327-18-2**
l-g	6.5356	3167	–259.15	630/958	630/958 D		72-trchc
1827	**$C_{84}H_{168}$**		**1-Tetraoctacontene**				**66327-19-3**
l-g	6.5482	3140	–262.15	629/953	629/953 D		72-trchc
1828	**$C_{84}H_{170}$**		**2-Methyltrioctacontane**				**66327-20-6**
l-g	6.5477	3121	–264.15	629/951	629/951 D		72-trchc
1829	**$C_{84}H_{170}$**		**Tetraoctacontane**				**7667-91-6**
l-g	6.5821	3177	–259.15	629/910	629/910 D		72-trchc
1830	**$C_{85}H_{164}$**		**Nonaheptacontyl-benzene**				**66327-22-8**
l-g	6.5141	3145	–262.15	631/960	631/960 D		72-trchc
1831	**$C_{85}H_{170}$**		**Nonaheptacontylcyclohexane**				**66327-23-9**
l-g	6.5313	3170	–260.15	632/960	632/960 D		72-trchc
1832	**$C_{85}H_{170}$**		**1-Pentaoctacontene**				**66327-24-0**
l-g	6.544	3143	–262.15	630/955	630/955 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1833	**$C_{85}H_{172}$**		**2-Methyltetra-octacontane**				**66327-25-1**
l-g	6.5435	3124	–265.15	631/953	631/953 D		72-trchc
1834	**$C_{85}H_{172}$**		**Pentaoctacontane**				**7719-96-2**
l-g	6.5774	3180	–260.15	631/912	631/912 D		72-trchc
1835	**$C_{86}H_{166}$**		**Octacontylbenzene**				**66327-27-3**
l-g	6.51	3148	–263.15	633/962	633/962 D		72-trchc
1836	**$C_{86}H_{172}$**		**1-Hexaoctacontene**				**66327-28-4**
l-g	6.5397	3146	–263.15	631/957	631/957 D		72-trchc
1837	**$C_{86}H_{172}$**		**Octacontylcyclo-hexane**				**66327-29-5**
l-g	6.527	3172	–260.15	632/962	632/962 D		72-trchc
1838	**$C_{86}H_{174}$**		**Hexaoctacontane**				**7667-92-7**
l-g	6.5727	3162	–260.15	629/913	629/913 D		72-trchc
1839	**$C_{86}H_{174}$**		**2-Methylpenta-octacontane**				**66326-88-3**
l-g	6.5392	3127	–266.15	632/956	632/956 D		72-trchc
1840	**$C_{87}H_{168}$**		**Henoctacontylbenzene**				**66326-90-7**
l-g	6.5058	3150	–263.15	633/963	623/963 D		72-trchc
1841	**$C_{87}H_{174}$**		**Henoctacontyl-cyclohexane**				**66326-91-8**
l-g	6.5226	3174	–261.15	633/964	633/964 D		72-trchc
1842	**$C_{87}H_{174}$**		**1-Heptaoctacontene**				**66326-92-9**
l-g	6.5354	3149	–264.15	633/959	633/959 D		72-trchc
1843	**$C_{87}H_{176}$**		**Heptaoctacontane**				**7667-93-8**
l-g	6.5679	3184	–261.15	633/915	633/915 D		72-trchc
1844	**$C_{87}H_{176}$**		**2-Methylhexa-octacontane**				**66326-93-0**
l-g	6.5348	3130	–266.15	633/957	633/957 D		72-trchc
1845	**$C_{88}H_{170}$**		**Dooctacontylbenzene**				**66326-95-2**
l-g	6.5016	3152	–264.15	635/965	635/965 D		72-trchc
1846	**$C_{88}H_{176}$**		**Dooctacontylcyclo-hexane**				**66326-96-3**
l-g	6.5182	3176	–262.15	635/966	635/966 D		72-trchc
1847	**$C_{88}H_{176}$**		**1-Octaoctacontene**				**66326-97-4**
l-g	6.531	3151	–265.15	634/961	634/961 D		72-trchc
1848	**$C_{88}H_{178}$**		**2-Methylhepta-octacontane**				**66326-98-5**
l-g	6.5303	3133	–267.15	634/959	634/959 D		72-trchc
1849	**$C_{88}H_{178}$**		**Octaoctacontane**				**7667-94-9**
l-g	6.5631	3186	–262.15	634/917	634/917 D		72-trchc
1850	**$C_{89}H_{172}$**		**Trioctacontylbenzene**				**66327-00-2**
l-g	6.4973	3154	–265.15	636/967	636/967 D		72-trchc
1851	**$C_{89}H_{178}$**		**1-Nonaoctacontene**				**66327-01-3**
l-g	6.5265	3153	–265.15	635/962	635/962 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1852	**$C_{89}H_{178}$**		**Trioctacontyl-cyclohexane**				**66327-02-4**
l-g	6.5136	3178	–263.15	636/968	636/968 D		72-trchc
1853	**$C_{89}H_{180}$**		**2-Methylocta-octacontane**				**66327-03-5**
l-g	6.5258	3135	–268.15	636/962	636/962 D		72-trchc
1854	**$C_{89}H_{180}$**		**Nonaoctacontane**				**7719-76-8**
l-g	6.5561	3188	-262.15	635/918	635/918 D		72-trchc
1855	**$C_{90}H_{174}$**		**Tetraoctacontyl-benzene**				**66327-05-7**
l-g	6.4929	3156	–265.15	637/968	637/968 D		72-trchc
1856	**$C_{90}H_{182}$**		**Nonacontane**				**7667-51-8**
l-g	6.5532	3190	–263.15	656/920	656/920 D		72-trchc
1857	**$C_{94}H_{190}$**		**Tetranonacontane**				**1574-32-9**
l-g	6.5328	3195	–266.15	640/927	640/927 D		72-trchc
1858	**$C_{100}H_{202}$**		**Hectane**				**6703-98-6**
l-g	6.5012	3200	–269.15	645/935	645/935 D		72-trchc

3 Tabulated Data on Vapor Pressure of Sulfur, Selenium, and Tellurium Containing Organic Compounds

3.1 Sulfur Containing Organic Compounds, C_1 to C_4 (and Some Sulfur Containing Inorganic Compounds)

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1	**Br_2OS**		**Thionyl bromide**				**507-16-4**
l-g	6.181	1445	–67.15	313/439	303/449 C		59-trcnh
2	**Br_2S_2**		**Disulfur dibromide**				**13172-31-1**
l-g	6.302	1660	–88.15	365/503	359/510 C		59-trcnh
3	**$BrFO_2S$**		**Sulfuryl bromide fluoride**				**13536-61-3**
l-g	6.2677	1155	–42.15	236/333	228/341 C		59-trcnh
4	**Cl_2O_2S**		**Sulfuryl chloride**				**7791-25-5**
l-g	6.1266	1209	–49.15	257/365	251/372 C		59-trcnh
5	**$Cl_2O_5S_2$**		**Pyrosulfuryl dichloride**				**7791-27-7**
l-g	6.144	1460	–71.15	325/450	321/451 D		59-trcnh
6	**Cl_2OS**		**Thionyl chloride**				**7719-09-7**
l-g	6.41235	1446.7	–20.45	257/372	247/382 C		59-trcnh
7	**Cl_2S**		**Sulfur chloride**				**10545-99-0**
l-g	7.579	1594	–46.15	265/348	258/355 C		59-trcnh
8	**Cl_2S_2**		**Disulfur dichloride**				**10025-67-9**
l-g	5.9085	1341	–67.15	306/439	301/446 C		59-trcnh
9	**$ClFO_2S$**		**Sulfuryl chloride fluoride**				**13637-84-8**
l-g	5.6464	793.73	–62.45	211/300	201/310 B		59-trcnh
10	**$ClFO_5S_2$**		**Pyrosulfuryl chloride fluoride**				**13637-85-9**
l-g	6.1405	1257.4	–69.15	284/396	278/404 C		59-trcnh
11	**ClFOS**		**Thionyl chloride fluoride**				**14177-25-4**
l-g	6.298	1100.1	–29.15	212/304	208/310 C		59-trcnh
12	**$ClHO_3S$**		**Chlorosulfonic acid**				**7790-94-5**
l-g	6.174	1480	–72.15	324/454	324/454 D		59-trcnh
13	**FHO_3S**		**Fluorosulfonic acid**				**7789-21-1**
l-g	6.5244	1521	–99.15	343/459	338/466 C		59-trcnh
14	**FNS**		**Thiazyl fluoride**				**18820-63-8**
l-g	5.6067	877.1	–34.15	270/299	265.3/303 C	277.75/101.325	59-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
15	**F_2N_2S**		**Dinitrogen sulfur difluoride**				**500010-01-5**
l-g	5.9077	901.	–31.15	192/281	190/282 D	262.05/101.325	59-trcnh
16	**F_2OS**		**Thionyl fluoride**				**7783-42-8**
l-g	6.08396	775.48	–39.15	173/244	163/254 B		59-trcnh
17	**F_2O_2S**		**Sulfuryl fluoride**				**2699-79-8**
l-g	6.0319	784.3	–23.15	160/233	152/241 C		59-trcnh
18	**$F_2O_5S_2$**		**Pyrosulfuryl difluoride**				**13036-75-4**
l-g	6.006	1120.	–44.15	240/346	240/346 D		59-trcnh
19	**$F_2O_8S_3$**		**Trisulfur octoxide difluoride**				**13709-33-6**
l-g	6.115	1360.	–62.15	296/419	296/419 D		59-trcnh
20	**F_2S_2**		**Disulfur difluoride**				**16860-99-4**
l-g	5.809	628.	–17.15	153/196	153/196 D		59-trcnh
21	**F_3NS**		**Nitrogen fluoride sulfide**				**15930-75-3**
l-g	6.01	888.5	-28.15	184/268	179/275 C	250.05/101.325	59-trcnh
22	**F_4OS**		**Sulfur oxide tetrafluoride**				**13709-54-1**
l-g	6.1967	840.3	–24.15	166/240	160/248 C		59-trcnh
23	**$F_4O_5S_2$**		**Disulfur pentoxide tetrafluoride**				**44982-62-9**
l-g	6.01	1140.	–46.15	246/353	246/353 D		59-trcnh
24	**F_4S**		**Sulfur tetrafluoride**				**7783-60-0**
l-g	5.9644	823.4	–25.15	170/250	165/256 C		59-trcnh
25	**F_6S**		**Sulfur hexafluoride**				**2551-62-4**
cr-g	7.5409	1096.5	–11.15	162/220	154/228 C		59-trcnh
26	**$F_{10}O_2S_2$**		**Thiosulfuryl decafluoride**				**12395-41-4**
l-g	5.999	1110.	–44.15	239/344	239/344 D		59-trcnh
27	**$F_{10}S_2$**		**Disulfur decafluoride**				**5714-22-7**
l-g	6.1925	1100.6	–39.15	226/322	226/322 D		59-trcnh
28	**H_2S**		**Hydrogen sulfide**				**7783-06-4**
cr-g	6.76987	895.191	–22.038	160/185	150/187.6 B	212.81/101.325	76-trcnh
l-g	6.22882	806.933	–21.761	185/228	187.6/220 B		76-trcnh
l-g	6.22882	806.933	–21.761	228/363	220/373.5 B		76-trcnh
	(0.434294)	(–9.7793)	(–250.94)				
29	**H_2S_2**		**Dihydrogen disulfide**				**13465-07-1**
l-g	6.055	1199.	–48.15	256/367	256/367 D	344.3/101.325	76-trcnh
30	**H_2S_3**		**Dihydrogen trisulfide**				**13845-23-3**
l-g	5.932	1488.	–64.15	328/474	328/474 D	443.15/101.325	76-trcnh
31	**H_2S_4**		**Dihydrogen tetrasulfide**				**13845-25-5**
l-g	6.07	1772.	–77.15	384/547	384/547 D	513.15/101.325	76-trcnh
32	**H_2S_5**		**Dihydrogen pentasulfide**				**13845-24-4**
l-g	6.445	2104.	–84.15	426/592	426/592 D	558.15/101.325	76-trcnh
33	**CCl_2F_3NS**		**(Trifluoromethyl)-imidosulfurous dichloride**				**10564-47-3**
l-g	5.07933	824.684	–99.415	284/344	274/354 C	362.1/101.325	79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
34	**$CClF_3O_3S$**		**Fluorosulphuric acid, chlorodifluoromethyl ester**				**6069-31-4**
l-g	5.84217	965.468	–58.358	227/309	227/311 C	310.01/101.325	66-descad
35	**CCl_2F_3PS**		**Dichloro(trifluoro-methylthio)phosphine**				**18799-78-5**
l-g	6.4699	1655	0	293/363	293/363 D		84-dykrep
36	**$CClF_3S$**		**Trifluoromethane-sulfenyl chloride**				**421-17-0**
l-g	5.25548	639.89	–75.65	247/272	243/278 C		79-dykrep
37	**$CClF_4NO_2S$**		**Chloro(trifluoro-methyl)sulfamoyl fluoride**				**19419-95-5**
l-g	6.901	1503	0	253/288	253/288 D		84-dykrep
38	**$CClF_7S$**		**Chlorotetrafluoro-(trifluoromethyl)**				**25030-42-6**
l-g	6.615	1352	0	L	C	293.32/101.325	73-abeshr-1 Note 10
39	**$CClF_7S$**		**Chlorotetrafluoro-(trifluoromethyl)sulfur**				**42179-04-4**
l-g	6.615	1352	0	293/353	293/353 D		84-dykrep
40	**$CFNO_3S$**		**Sulfuryl flouride isocyanate**				**1495-51-8**
l-g	7.68377	1905.36	0	294/335	284/345 C		84-dykrep
41	**$CFNO_6S_2$**		**Pyrosulfuryl flouride isocyanate**				**27931-74-4**
l-g	7.2599	2134	0	330/405	330/405 D		84-dykrep
42	**CF_2N_2OS**		**Cyanoimidosulfuryl fluoride**				**19073-57-5**
l-g	7.485	1945	0	262/354	262/354 D		79-dykrep
43	**CF_2N_2S**		**Cyanoimidosulfurous difluoride**				**14453-41-9**
l-g	8.11	2302	0	271/320	271/320 D		79-dykrep
44	**CF_2O_4S**		**Fluoroformyl fluorosulfate**				**7519-54-2**
l-g	7.28165	1898.665	41.423	250/296	248/300 C	260.83/10	66-foxfra
45	**CF_2S**		**Thiocarbonyl fluoride**				**420-32-6**
l-g	6.307	908	0	178/211	178/212 C	211.10/101.325	62-dow-1 Note 2
46	**$CF_3NO_6S_2$**		***N*-(Fluoroformyl)-*N*,*O*-*bis*-(fluorosulfonyl)-hydroxylamine**				**19252-48-3**
l-g	6.7944	1895	0	325/392	305/392 D		79-dykrep
47	**CF_3NOS**		***N*-Sulfinyltrifluoro-methanamine**				**10564-49-5**
l-g	6.858	1413	0	239/289	239/289 D		79-dykrep
48	**CF_3NOS**		***S*,*S*-Difluoro-*N*-(fluoroformyl)-sulfilimine**				**3855-41-2**
l-g	8.0655	1950	0	220/323	210/333 C		79-dykrep
49	**$CF_4N_2O_3S_2$**		**Carbonyl *bis*(imidosulfuryl fluoride)**				**25523-80-2**
l-g	7.5069	2159	0	316/331	316/331 D		79-dykrep
50	**CF_4OS**		**Trifluoromethane sulfinyl fluoride**				**812-12-4**
l-g	7.44842	1772.202	54.961	215/272	215/272 C	270.65/101.325	68-ratshr
51	**CF_4O_2S**		**Trifluoromethane sulfonyl fluoride**				**335-05-7**
l-g	6.861	1221	0	226/249	225/252 C	251.48/101.325	56-grahas Note 2

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
52	**$CF_4O_5S_2$**		**Anhydride fluorosulfonic acid and trifluoromethane sulfonic acid**				**21595-44-8**
l-g	7.043	1721	0	308/338	306/342 C	341.65/101.325	68-nof Note 10
53	**CF_5OPS**		**Phosphorothionic difluoride, *S*-trifluoromethyl ester**				**52752-66-6**
l-g	6.0269	1207.4	0	293/353	293/353 D		84-dykrep
54	**$CF_6N_2S_2$**		***N*,*N*-(Difluoromethlylene)-*bis*(*S*,*S*-difluorosulfilimine)**				**17686-45-2**
l-g	7.206	1880	0	230/313	230/313 D		79-dykrep
55	**CF_6PS**		**Difluoro(trifluoro-methylthio)phosphine**				**52752-65-5**
l-g	6.2109	1164.2	0	293/353	293/353 D		84-dykrep
56	**CF_8OS**		**Pentafluoro(trifluoro-methoxy)sulfur**				**1873-23-0**
l-g	6.16544	951.564	–33.459	217/262	214/263 C	262.22/101.325	64-duncad
57	**CF_8S**		**Pentafluoro(trifluoro-methyl)sulfur**				**373-80-8**
l-g	6.00208	862.572	–36.932	205/262	204/265 B	252.77/101.325	50-silcad
58	**$CF_{10}O_5S_2$**		**[mi-[Carbonodiper-oxoato(2-)]]decafluoro disulfur**				**60672-59-5**
l-g	7.214	1988.4	0	228/382	227/382 C	381.78/101.325	76-hopdes Note 10
59	**COS**		**Carbonyl sulfide**				**463-58-1**
l-g	6.02168	801.563	–23.427	161/284	161/284 B	223.02/101.325	37-kemgia 79-robsen
l-g	6.57648	1116.767	23.568	284/379	284/379 B	336.75/3000	79-robsen
60	**CS_2**		**Carbon disulfide**				**75-15-0**
l-g	6.05183	1160.637	–32.498	255/354	255/354 B	319.35/101.325	72-bouaim 62-wadsmi
l-g	6.68755	1605.397	24.117	354/552	354/552 C	475.94/3000	68-sesvis
61	**$CHCl_2FO_3S$**		**Fluorosulfuric acid, dichloromethyl ester**				**42016-50-2**
l-g	7.125	1890	0	275/293	270/294 D	294.12/5	74-cafsic Note 2
62	**CHF_3O_3S**		**Trifluoromethane-sulfonic acid**				**1493-13-6**
l-g	7.73233	2492.152	0	354/435	316/436 D	435.19/101.325	54-haskid Note 13
63	**CHF_3S**		**Trifluoromethanethiol**				**1493-15-8**
l-g	6.25501	920.653	–18.510	168/236	165/236 B	235.17/101.325	60-dinpac
64	**CHF_7S**		**(Difluoromethyl)-sulfur pentafluoride**				**420-67-7**
l-g	6.02840	936.728	–45.453	222/292	221/294 B	278.31/101.325	50-silcad
65	**CHNS**		**Hydrogen thiocyanate**				**463-56-9**
cr-g	1.9972	149.09	–88.35	151/163	149/163 C		79-dykrep
l-g	–0.0328	0.68	–185.7	163/176	163/180 D		79-dykrep
66	**CH_2F_3NS**		**1,1,1-Trifluoromethane-sulfenamide**				**1512-33-0**
l-g	7.585	1783	0	218/291	218/291 D		84-dykrep
67	**CH_3F_2NS**		**Methylimidosulfurous difluoride**				**758-20-3**
l-g	7.1777	1498.46	0	194/258	194/258 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
68	**CH_3F_2OPS**		**Difluorothiophoshoric acid, *S*-methyl ester**				**25237-37-0**
l-g	5.90079	1107.49	–43.936	236/298	226/308 C		84-dykrep
69	**CH_3F_2OPS**		**Phosphorothionic difluoride, *S*-trifluoromethyl ester**				**900001-60-7**
l-g	5.90079	1107.49	–43.94	236/298	226/308 C		84-dykrep
70	**$CH_3F_2PS_2$**		**Phosphorodithionic difluoride, methyl ester**				**21348-13-0**
l-g	7.28734	1857.07	–12.22	253/298	243/308 C		84-dykrep
71	**$CH_3F_4NP_2S_2$**		***n*,*N*-*Bis*(difluorothio-phosphoryl)methyl-amine**				**25741-62-2**
l-g	7.11581	2092.12	4.89	273/305	273/305 D		84-dykrep
72	**CH_3NOS**		***N*-Sulfinylmethanamine**				**4291-05-8**
l-g	7.04991	1659.95	0	252/277	248/283 C		87-trcsp
73	**CH_4F_2NPS**		***N*-Methylphosphor-amidothionic acid**				**31411-30-0**
l-g	9.46303	3721.23	100.46	273/325	273/325 C		84-dykrep
74	**CH_4O_3S**		**Methanesulfonic acid**				**75-75-2**
l-g	8.896	3861	0	395/440	395/440 D	434.01/1	87-stemal Note 2
75	**CH_4S**		**Methanethiol**				**74-93-1**
l-g	6.15653	1015.55	–34.444	208/298	198/308 B	279.11/101.325	66-trcnh
76	**CH_6GeS**		**(Methylthio)germane**				**16643-16-6**
l-g	6.35225	1556.15	0	223/291	223/295 C		84-dykrep
77	**C_2BrF_9S**		**(1-Bromo-1,2,2-tetrafluoroethyl)-pentafluoro sulfur**				**63011-81-4**
l-g	6.8569	1603	0	294/330	294/331 C	330.43/101.325	73-noffox
78	**$C_2ClF_3O_4S$**		**Anhydride difluorochloroacetic acid and fluorosulfuric acid, Chlorodifluoroacetyl fluorosulfate**				**6069-32-5**
l-g	6.42722	1293.436	–59.036	265/351	264/353 C	351.57/101.325	66-descad
79	**C_2ClF_5OS**		**Pentafluoroethane-sulfinyl chloride**				**39937-08-1**
l-g	7.0989	1707.4	0	273/336	273/338 C	335.23/101.325	73-demshr Note 10
80	**$C_2ClF_5O_6S_2$**		**1-Chloro-1,2,2-trifluoro-1,2-ethanediol *bis*(fluorosulfate)**				**1957-17-1**
l-g	4.19995	473.738	–189.277	308/405	308/407 D	405.18/101.325	64-ratshr
81	**C_2ClF_9S**		**(2-Choro-1,1,2,2-tetrafluoroethyl)-pentafluoro sulfur**				**646-63-9**
l-g	6.6189	1479	0	160/321	160/321 C	320.60/101.325	61-casray Note 10
82	**C_2ClF_9S**		**Chlorotetrafluoro-(pentafluoroethyl)-sulfur**				**42769-85-7**
l-g	6.625	1497	0	L	C	324.08/101.325	73-abeshr-1 Note 10
83	**$C_2Cl_2F_3NOS$**		***S*,*S*-Dichloro-*N*-(trifluoroacetyl)-sulfilimine**				**24433-67-8**
l-g	7.6579	2309	0	306/333	306/339 D		79-dykrep
84	**$C_2Cl_2F_3NO_2S$**		**(Trifluoromethyl)-sulfonylcarbonimidic dichloride**				**51587-33-8**
l-g	7.02514	1878.75	–31.617	312/405	302/415 C		84-dykrep
85	**$C_2Cl_2F_5NS$**		***S*,*S*-Dichloro-*N*-(pentafluoroethyl)-sulfilimine**				**10564-48-4**
l-g	7.1559	1956	0	297/375	297/375 D		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
86	**$C_2Cl_4F_6OS$**		**Pentafluoro(1,1,2,2-tetrachloro-2-fluoroethoxy) sulfur**				**762-90-3**
l-g	5.71413	1229.937	–84.723	314/417	312/419 C	416.38/101.325	98-trchc Note 10
87	**C_2F_3NOS**		**Trifluoromethane-sulfenyl isocyanate**				**691-03-2**
l-g	6.8659	1458	0	231/293	231/293 D		87-trcsp
88	**$C_2F_3NO_2S$**		**2,2,2-Trifluoro-N-sulfinylacetamide**				**26454-68-2**
l-g	7.46314	1902.73	0	267/302	267/302 D		84-dykrep
89	**$C_2F_3NO_2S_2$**		**Trifluoromethane-sulfonyl isothiocyanate**				**51587-30-5**
l-g	6.7678	1655.07	–37.606	297/385	287/395 C		84-dykrep
90	**$C_2F_3NO_3S$**		**Trifluoromethane-sulfonyl isocyanate**				**30227-06-6**
l-g	6.84387	1511.12	–33.004	275/345	265/355 C		84-dykrep
91	**C_2F_3NS**		**Trifluoromethyl thiocyanate**				**690-24-4**
l-g	7.5199	1704	0	226/294	206/294 D		87-trcsp
92	**$C_2F_4N_2O_6S_2$**		**1,2-*Bis*(fluoroformyl)-1,2-*bis*(fluorosulfonyl) hydrazine**				**19252-50-7**
l-g	8.77183	2599.06	0	273/296	269/302 D		84-dykrep
93	**$C_2F_4O_2S$**		**(Trifluoroethylene) sulfonyl fluoride**				**684-10-6**
l-g	6.3527	1412	0	270/313	270/329 D	324.82/101.325	66-banhas Note 16
94	**$C_2F_4O_4S$**		**Trifluoroacetyl fluorosulfate**				**5762-53-8**
l-g	7.80163	1949.148	17.143	249/320	249/323 D	319.15/101.325	66-delshr
95	**$C_2F_4S_2$**		**2,2,4,4-Tetrafluoro-1,3-dithietane**				**1717-50-6**
l-g	6.765	1524	0	L	C	320.22/101.325	73-abeshr-0 Note 10
96	**C_2F_5NOS**		**1,1,1-Trifluoro-N-(fluoroformyl)-methanesulfinimidyl fluoride**				**28103-61-9**
l-g	7.8449	2033	0	276/323	276/323 D		84-dykrep
97	**C_2F_5NOS**		**1,1,2,2,2-Pentafluoro-N-sulfinylethanamine**				**10564-50-8**
l-g	6.7679	1516	0	245/303	245/303 D		79-dykrep
98	**C_2F_5NOS**		***S*,*S*-Difluoro-*N*-(trifluoroacetyl)-sulfilimine**				**24433-65-6**
l-g	7.3899	1798	0	240/282	240/282 D		79-dykrep
99	**$C_2F_5NO_4S$**		**(Fluorosulfonyl)-(trifluorometoxy)-carbamoylfluoride**				**19252-49-4**
l-g	6.3557	1582.3	0	277/290	275/292 D		79-dykrep
100	**$C_2F_6HgS_2$**		***Bis*(trifluoromethyl-thio)mercury**				**900001-62-9**
l-g	7.95591	2760.59	10.7	353/423	353/423 C		84-dykrep
101	**C_2F_6OS**		***Bis*(trifluoromethyl) sulfoxide**				**30341-37-8**
l-g	6.73464	1458.772	–1.215	248/303	245/315 C	309.69/101.325	71-saushr-2 70-law
102	**C_2F_6OS**		**Pentafluoroethyl sulfinyl fluoride**				**20621-31-2**
l-g	6.25268	1096.956	–35.721	235/292	234/295 C	294.01/101.325	68-ratshr
103	**$C_2F_6OS_2$**		***S*-Trifluoromethyl-(trifluoromethyl)-thiosulfinate**				**63548-94-7**
l-g	6.6711	1605.98	0	293/353	288/363 C		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
104	**$C_2F_6OS_2$**		**Methanesulfinothioic acid, trifluoro, *S*-(trifluoromethyl) ester**				**63548-54-9**
l-g	6.6711	1605.98	0	L	C	344.23/101.325	77-gom Note 10
105	**$C_2F_6O_3S$**		**Trifluoromethane sulfonic acid, trifluoromethyl ester**				**3582-05-6**
l-g	5.74512	867.037	–62.571	237/294	236/295 C	294.44/101.325	65-nofcad
106	**$C_2F_6O_5S$**		**Peroxysulfuric acid, *bis*(trifluoromethyl) ester**				**41765-14-4**
l-g	6.20096	1147.043	–45.893	253/319	250/320 B	319.31/101.325	73-hohdes
107	**$C_2F_6O_6S_2$**		**Tetrafluoroethylene glycol, *bis*(fluorosulfate)**				**1479-53-4**
l-g	5.42608	893.094	–115.191	295/377	294/378 C	376.30/101.325	61-shrcad
108	**C_2F_6S**		***Bis*(trifluoromethyl) sulfide**				**371-78-8**
l-g	6.941	1239.3	0	L	C	251.11/101.325	52-braeme Note 10
109	**$C_2F_6S_2$**		***Bis*(trifluoromethyl) disulfide**				**372-64-5**
l-g	6.890	1503.1	0	L	C	307.75/101.325	52-braeme Note 10
110	**$C_2F_7NO_3S$**		**Tetrafluoro-2-(difluoroamino)ethyl fluorosulfonate**				**4188-34-5**
l-g	7	1625	0	276/326	276/326 D		79-dykrep
111	**C_2F_8OS**		**Difluorooxo-*bis*(trifluoromethyl)-sulfur**				**33716-15-3**
l-g	6.55614	1542.809	39.596	240/299	238/302 C	299.45/101.325	71-saushr-1
112	**C_2F_8OS**		**Pentafluoro(trifluoro-acetyl) sulfur**				**82390-51-0**
l-g	6.823	1391.1	0	162/290	162/290 D	288.77/101.325	82-demfox-1 Note 3
113	**$C_2F_8O_3S$**		**Pentafluoro(trifluoro-ethaneperoxoato) sulfur**				**60672-61-9**
l-g	6.5996	1465.3	0	L	C	318.97/101.325	76-hopdes Note 10
114	**C_2F_8S**		**Difluoro*bis*(trifluoro-methyl)sulfur**				**30341-38-9**
l-g	7.125	1507	0	L	C	294.38/101.325	71-saushr-2 Note 10
115	**C_2F_8S**		**Pentafluoro(trifluoro-vinyl) sulfur**				**1186-51-2**
l-g	6.485	1310	0	L <292	<293 D	238.83/10	61-casray Note 17
116	**$C_2F_{10}OS$**		**Pentafluoro(penta-fluorethoxy)sulfur**				**900001-56-6**
l-g	5.98633	938.91	–52.27	245/287	235/297 C		84-dykrep
117	(is omitted)						
118	**$C_2F_{10}O_2S$**		**Tetrafluoro*bis*(tri-fluoromethoxy)sulfur**				**2004-38-8**
l-g	6.06968	1030.534	–48.768	246/302	245/304 B	302.35/101.325	64-duncad
119	**$C_2F_{10}O_3S$**		**(Trifluoromethoxy)-[(trifluoromethyl)-dioxy] sulfur tetrafluoride**				**41938-43-6**
l-g	6.38218	1198.274	–43.226	255.317	250/320 B	317.03/101.325	73-hohdes
120	**$C_2F_{10}O_3S_2$**		**Pentafluoro[1,2,2,2-tetrafluoro-1-[(fluorosulfonyl)oxy]-ethyl sulfur**				**68010-32-2**
l-g	7.105	1819.0	0	L	C	356.72/101.325	78-demfox Note 10

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
121	**$C_2F_{10}S$**		***trans*-Tetrafluoro-*bis*trifluoromethyl) sulfur**				**42179-02-2**
l-g	6.1519	1217.6	0	233/293	233/295 C	293.67/101.325	53-cliels Note 2
122	**$C_2F_{11}NS$**		**[*Bis*(trifluoromethyl)-amino]sulfur pentafluoride**				**13888-13-6**
l-g	6.995	1530	0	233/306	233/306 D		79-dykrep
123	**$C_2F_{12}S_2$**	**1,1,1,1,2,2,3,3,3,3,4,4-Dodecafluoro-1,1,1,1,3,3,3,3-octahydro-1,3-dithietane**					**42060-66-2**
l-g	7.415	1857	0	L	C	343.30/101.325	73-abeshr-0 Note 10
124	**$C_2F_{14}S_2$**		**Octafluoro*bis*(trifluoromethyl)disulfide**				**1580-11-6**
l-g	6.945	1792	0	L	C		
125	**C_2HClF_8S**		**(1,1,2-Trifluoro-2-chloroethyl)sulfur pentafluoride**				**22756-13-4**
l-g	6.801	1580	0	279/323	278/330 C	329.50/101.325	47-banhas Note 10
126	**$C_2HCl_3F_2O_3S$**		**Fluorosulfuric acid, 2-fluoro-1,1,2-trichloroethyl ester**				**42087-88-7**
l-g	6.555	1911	0	317/353	317/355 C	344.01/10	74-cafsic Note 2
127	**C_2HCl_4FS**		**(Dichloromethyl)-(dichlorofluoro-methyl) sulfide**				**900001-57-2**
l-g	7.95151	2507.335	0	322/352	321/355 D	345.72/5	59-bobwin Note 13
128	(is omitted)						
129	**C_2HF_6OPS**		***Bis*(trifluoromethyl)-phosphinothioic acid**				**35814-49-4**
l-g	7.1782	2001	0	283/324	283/324 D		79-dykrep
130	**$C_2HF_6PS_2$**		**Phosphinodithioic acid, *bis*(trifluoromethyl)-ester**				**18799-75-2**
cr-g	8.0279	2188	0	273/287	269/287 D		79-dykrep
131	**$C_2HF_6PS_2$**		**Thiophosphinous acid, *bis*(trifluoromethyl)-ester**				**1486-19-7**
l-g	6.98036	1561.96	–12.18	217/280	207/290 C		79-dykrep
l-g	5.89755	1225.71	–63.57	291/315	287/325 C		79-dykrep
132	**C_2HF_7S**		**Pentafluoro(difluoro-ethenyl) sulfur**				**58636-78-5**
l-g	6.815	1447.6	0	L	C	301.00/101.325	78-demfox Note 10
133	**C_2HF_9S**		**Pentafluoro(1,2,2,2-tetrafluoroethyl) sulfur**				**63011-80-3**
l-g	6.885	1463.0	0	L	C	299.84/101.325	78-demfox Note 10
134	**$C_2H_2ClF_3O_2S$**		**2,2,2-Trifluoroethane-sulfonic acid, chloride**				**1648-99-3**
l-g	7.045	1881	0	L	C	373.27/101.325	75-demkov-1 Note 10
135	**$C_2H_2ClF_7S$**		**Pentafluoro(2-chloro-2,2-difluoroethyl) sulfur**				**68010-35-5**
l-g	7.005	1719.9	0	L	C	344.03/101.25	78-demfox Note 10
136	**$C_2H_2Cl_4S$**		***Bis*(dichloromethyl) sulfide**				**51174-93-7**
l-g	9.27390	4255.967	123.413	355/462	353/464 C	462.15/101.325	48-feimoo Note 13

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
137	**$C_2H_2F_4O_2S$**		**Fluorosulfurous acid, 2,2,2-trifluoroethyl ester**				**75988-14-6**
l-g	7.305	1755	0	L	C	331.18/101.325	75-demkov-1 Note 10
138	**$C_2H_2F_8S$**		**Pentafluoro(2,2,2-trifluoroethyl)sulfur**				**65227-29-4**
l-g	6.895	1530.8	0	L	C	313.09/101.325	78-demfox Note 10
139	**$C_2H_2F_8S$**		**Tetrafluoro(fluoro-methyl)(trifluoro-methyl) sulfur**				**56919-36-9**
l-g	6.325	1425	0	L	C	329.91/101.325	98-trchc Note 10
140	**$C_2H_3ClF_6OS$**		**Pentafluoro(2-fluoro-2-chloroethoxy) sulfur**				**900001-58-3**
l-g	5.89188	1114.592	–75.886	287/362	286/363 C	362.70/101.325	98-trchc
141	**$C_2H_3F_3O_2S$**		**Trifluoromethane-sulfinic acid, methyl ester**				**333-27-7**
l-g	6.795	1656	0	L	C	345.77/101.325	71-saushr Note 10
142	**$C_2H_3F_5O_3S$**		**(Ethaneperoxoato)-pentafluoro sulfur**				**60672-60-8**
l-g	7.0303	1895.0	0	217/377	216/378 C	269.55/1	76-hopdes Note 13
143	**C_2H_3NS**		**Methyl thiocyanate**				**556-64-9**
l-g	6.39459	1634.79	–33.65	259/406	249/416 B		79-dykrep
144	**C_2H_3NS**		**Methyl thioisocyanate**				**556-61-6**
cr-g	5.883	1570.53	–5.76	238/303	230/303 C		79-dykrep
l-g	6.59162	1696.42	–22.23	309/392	303/402 C		79-dykrep
145	**$C_2H_4Cl_2S$**		***Bis*(chloromethyl) sulfide**				**3592-44-7**
l-g	7.55091	2383.455	0	320/430	320/430 D	429.82/101.325	48-feimoo Note 12
146	**$C_2H_4F_6OS$**		**Pentafluoro(2-fluoroethoxy)sulfur**				**900001-59-4**
l-g	5.75548	1023.87	–89.39	290/364	280/374 C		84-dykrep
l-g	5.84726	1060.248	–84.297	290/360	290/364 C	360.29/101.325	98-trchc
147	**$C_2H_4N_2S_2$**		**Dithioxamide**				**79-40-3**
cr-g	11.8379	5515	0	359/379	359/380 D		79-dykrep
148	**C_2H_4OS**		**Thioacetic acid**				**507-09-5**
l-g	7.10541	1836.171	0	307/360	306/361 C	360.06/101.325	51-ell Note 13
149	**$C_2H_4O_2S$**		**Mercaptoacetic acid**				**68-11-1**
l-g	8.26259	3083.524	4.385	333/427	332.428 C	420.19/10	47-stu
150	**C_2H_4S**		**Thiacyclopropane**				**420-12-2**
l-g	6.15066	1187.297	–41.608	292/361	290/363 A	328.05/101.325	52-gutsco
151	**$C_2H_5ClO_2S$**		**Ethanesulfonyl chloride**				**594-44-5**
l-g	9.30341	2946.550	0	233/264	233/264 C	251.81/0.004	63-quinow Note 15
l-g	7.15800	2187.470	–22.976	349/449	349/449 D	450.59/101.325	63-quinow
l-g	6.55092	1809.531	–52.475				

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
152	**$C_2H_5FO_3S$**		**Ethyl fluorosulfonate**				**371-69-7**
l-g	7.2129	2010	0	273/385	273/385 C	278.67/1	48-redcha-1 Note 2
153	**$C_2H_6BF_3S$**		**Dimethyl sulfide-boron trifluoride(1:1)-complex**				**353-43-5**
l-g	8.9309	2227	0	273/298	270/300 D		79-dykrep
154	**$C_2H_6F_3NS$**		**(Dimethylamino)-sulfur trifluoride**				**3880-03-3**
l-g	7.4185	2115.3	0	296/327	292/333 C		79-dykrep
155	(is omitted)						
156	**$C_2H_6N_2S$**		**Dimethyl sulfur diimide**				**13849-02-0**
l-g	7.20374	1941.7	0	248/298	238/308 C		84-dykrep
157	**C_2H_6OS**		**2-Mercapotethanol**				**60-24-2**
l-g	6.54372	1616.5	–74.82	293/440	283/450 C		79-dykrep
158	**C_2H_6OS**		**Dimethyl sulfoxide**				**67-68-5**
l-g	6.87127	2043.753	–41.819	293/377	293/377 C	339.25/1	48-dou 72-jakvan 71-phijos
l-g	6.27097	1661.142	–74.818	377/483	377/483 C	464.28/101.325	87-daujal
l-g	11.84196	9321.995	483.952	483/523	483/523 B	511.47/300	87-daujal
159	**$C_2H_6O_2S$**		**Methyl sulfone**				**67-71-0**
l-g	6.749	2241	–50.15	387/523	385/525 D		79-dykrep
160	**$C_2H_6O_4S$**		**Dimethyl sulfate**				**77-78-1**
l-g	7.28235	2437.54	0	340/470	338/472 D		87-trcsp
161	**C_2H_6S**		**2-Thiapropane**				**75-18-3**
l-g	6.07369	1090.76	–42.351	231/331	221/341 B	310.48/101.325	66-trcnh
162	**C_2H_6S**		**Ethanethiol**				**75-08-1**
l-g	6.07696	1084.53	–41.765	229/329	212/341 A	308.15/101.325	66-trchc
163	**$C_2H_6S_2$**		**2,3-Dithiabutane**				**624-92-0**
l-g	6.10282	1346.34	–54.287	286/408	272/423 A	382.9/101.325	64-trchc
164	**C_2H_9BS**		**Dimethyl sulfide-borane(3)(1:1)**				**13292-87-0**
l-g	8.3449	2346	0	273/314	263/324 C		79-dykrep
165	**$C_3BF_9S_3$**		**Tris(trifluoromethyl-thio)borane(3)**				**36884-78-3**
l-g	6.44805	1772.54	0	242/298	242/298 D		84-dykrep
166	**$C_3ClF_{11}S$**		**Chlorotetrafluoro-(heptafluoropropyl) sulfur**				**42769-86-8**
l-g	7.055	1768	0	L	C	350.15/101.325	73-abeshr-1 Note 10
167	**$C_3Cl_2F_7NS$**		***S*,*S*-Dichloro-*N*-[tetrafluoro-1-(trifluoromethyl)-ethysulfilimine**				**26454-66-0**
cr-g	7.26193	2055.27	0	313/347	307/348 C		84-dykrep
168	**$C_3F_6O_4S$**		**Anhydride of pentafluoropropionic acid and fluorosulfuric acid**				**51689-98-6**
l-g	5.85971	969.967	–82.948	252/335	242/345 C		84-dykrep
169	**$C_3F_6O_7S_2$**		**Hydroacrylic acid, tetrafluoroanhydride with fluorosulfuric acid, fluorosulfate**				**6378-48-9**
l-g	6.25917	1325.941	–91.556	308/403	306/405 C	403.29/101.325	66-descad

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
170	**C_3F_7NOS**		**1,1,1,2,3,3-Heptafluoro-N-sulfinyl-2-propanamine**				**26454-67-1**
l-g	7.3341	1781.09	0	252/280	252/280 D		84-dykrep
171	**C_3F_8OS**		**(Trifluoromethyl)-(pentafluoroethyl) sulfoxide**				**33622-17-2**
l-g	6.785	1483	0	L	C	310.30/101.325	71-saushr-2 Note 10
172	**C_3F_8S**		**(Trifluoromethyl)-(pentafluoroethyl) sulfide**				**33547-10-3**
l-g	6.405	1228	0	L	C	279.14/101.325	71-saushr-2 Note 10
173	**$C_3F_9NO_2S_3$**		**1,1,1-trifluoro-*N,N-bis*[(trifluoromethyl)-thio]Methanesulfon-amide**				**29749-02-8**
l-g	6.90338	1799.36	–33.296	288/403	284/409 C		84-dykrep
174	**$C_3F_9PS_2$**		***Bis*(trifluoromethyl) (trifluoromethyl)dithiophosphite**				**36121-49-0**
l-g	7.5279	1980	0	273/296	269/302 C		84-dykrep
175	**$C_3F_{10}OS$**		**Difluorooxo(trifluoromethyl)(pentafluoro-ethyl)sulfur**				**33564-24-8**
l-g	6.95821	1598.81	0	291/324	289/330 D		84-dykrep
176	**$C_3F_{10}O_3S$**		**Pentafluoro(penta-fluoropropaneper-oxoato) sulfur**				**60672-62-0**
l-g	7.4035	1798.4	0	L >212	C	333.17/101.325	76-hopdes Note 10
177	**$C_3F_{10}S$**		**[2,2-Difluoro-1-(trifluoromehyl)-ethenyl]pentafluoro sulfur**				**68010-33-3**
l-g	6.885	1561.5	0	L	C	320.03/101.325	78-demfox Note 10
178	**$C_3F_{10}S$**		**Difluoro(pentafluoro-ethyl)(trifluoromethyl) sulfur**				**31222-06-7**
l-g	6.815	1525	0	L	C	317.10/101.325	71-saushr-2 Note 10
179	**$C_3F_{12}O_3S_2$**		**Pentafluoro(2,2,2-trifluoro-1-[(fluorosulfonyl)oxy]-1-(trifluoromethyl)ethyl] sulfur**				**68010-30-0**
l-g	7.145	1942.5	0	L	C	377.97/101.325	78-demfox Note 10
180	**$C_3HClF_6O_2S$**		**Chlorosulfurous acid, 2,2,2-trifluoro-1-(trifluoromethyl) ethyl ester**				**57169-81-0**
l-g	7.185	1918	0	L	C	370.32/101.325	75-demkov-1 Note 10
181	**$C_3HClF_{10}S$**		**[1-(Chlorodifluoromethyl)-2,2,2-trifluoroethyl] pentafluoro sulfur**				**68010-36-6**
l-g	6.635	1628.5	0	L	C	351.78/101.325	78-demfox Note 10
182	**$C_3HF_7O_2S$**		**Fluorosulfurous acid, 2,2,2-trifluoro-1-(trifluoromethyl)ethyl ester**				**52225-56-6**
l-g	7.335	1766	0	L	C	331.38/101.325	75-demkov-1 Note 10
183	**$C_3HF_{11}S$**		**Pentafluoro[2,2,2-trifluoro-1-(trifluoromethyl)ethyl] sulfur**				**68010-34-4**
l-g	6.835	1571.5	0	L	C	325.41/101.325	78-demfox Note 10
184	**C_3H_2FNOS**		**Fluoroacetyliso-thiocyanate**				**459-71-2**
l-g	8.1502	2576.8	0	273/353	263/363 C		79-dykrep
185	**$C_3H_2F_6N_2S$**		**2,2,2-Trifluoro-N-[(trifluoromethyl)thiol]ethanimidamide**				**62067-09-8**
l-g	7.145	2080	0	322/390	322/390 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
186	**$C_3H_2F_6O_2S$**		**Trifluoromethane-sulfinic acid, 2,2,2-trifluoroethyl ester**				**30957-44-9**
l-g	7.325	1931	0	L	C	363.02/101.325	71-saushr Note 10
187	**$C_3H_2F_8N_2S$**		***S*,*S*-Difluoro-*N*-[1-amino-2,2,2-trifluoro-1-(trifluoromethyl)ethyl**				**2433-66-1**
l-g	7.4609	2023	0	295/313	295/317 D		79-dykrep
188	(is omitted)						
189	**$C_3H_2F_{14}S_2$**		**Octafluoromethylene *bis*(trifluoromethyl) disulfur**				**56919-35-8**
l-g	6.365	1639	0	L	C	375.98/101.325	98-trchc Note 10
190	**$C_3H_3F_3O_2S$**		**Trifluoromethane-sulfinic acid, ethyl ester**				**30957-43-8**
l-g		1893	0	L	D	369.78/101.325	71-saushr Note 10
191	**$C_3H_3F_6PS_2$**		**Methyl *bis*(trifluoro-methyl)phosphino-dithioate**				**18799-79-6**
l-g	7.43103	2168.9	0	273/344	273/344 D		79-dykrep
192	**C_3H_3NS**		**Thiazole**				**288-47-1**
l-g	6.26691	1425.35	–56.895	336/391	324/405 A		73-czas
193	**$C_3H_4ClF_3O_2S$**		**Trifluoromethane-sulfinic acid, trifluoro-2-chloroethyl ester**				**61915-99-9**
l-g	6.92	2117	0	320/403	320/403 D	357.60/10	77-burshr Note 2
194	**$C_3H_4S_3$**		**Trithiocarbonic acid, cyclic ethylene ester**				**822-38-8**
l-g	4.56109	1407.842	–128.118	294/303	292/305 B	295.00/0.001	67-geisch-1
195	**$C_3H_5F_3OS$**		**[(Trifluoromethyl)-sulfinyl]ethane**				**56919-38-1**
l-g	4.865	1198	0	L	D	418.99/101.325	98-trchc Note 11
196	**$C_3H_5F_3S_2$**		**Ethyl(trifluoromethyl) disulfide**				**691-05-4**
l-g	6.975	1766	0	253/303	253/303 C	253.19/1	60-emenab Note 10
197	**$C_3H_5F_7S$**		**Ethyltetrafluoro (trifluoromethyl) sulfur**				**56919-37-0**
l-g	6.745	1630	0	L	D	343.93/101.325	98-trchc Note 11
198	**C_3H_5NS**		**Ethyl isothiocyanate**				**542-85-8**
l-g	6.23087	1567.47	–38.991	283/323	273/333 B		73-czas
199	**C_3H_5NS**		**Ethyl thiocyanate**				**542-90-5**
l-g	6.258	1439.9	–78.36	358/422	348/432 C		79-dykrep
200	**$C_3H_6F_3NS$**		**Dimethyl(trifluoro-methylthio)amine**				**62067-13-4**
l-g	6.03096	1130.84	–47.58	273/329	266/338 C		79-dykrep
201	**C_3H_6S**		**Methylthiirane**				**1072-43-1**
l-g	6.17838	1249.3	–48.15	272/423	262/433 C	347.55/101.325	79-dykrep
202	**C_3H_6S**		**Thiacyclobutane**				**287-27-4**
l-g	6.14157	1321.33	–48.637	275/393	265/403 B	368.12/101.325	66-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
203	**$C_3H_6S_3$**		**1,3,5-Trithiane**				**291-21-4**
cr-g	5.92466	2243.285	–77.011	332/359	330/362 D	360.09/0.01	83-dewvan
204	**$C_3H_7ClO_2S$**		**1-Propanesulfonyl chloride**				**10147-36-1**
l-g	9.63827	3145.025	0	243/274	243/274 C	261.30/0.004	63-quinow
							Note 15
l-g	7.33984	2323.077	–22.456	273/362	273/362 D	338.96/1	63-quinow
l-g	6.74971	1939.610	–-51.743	362/464	362/464 D	460.60/101.325	63-quinow
205	**$C_3H_8OS_2$**		**2,3-Dimercaptopropanol**				**59-52-9**
l-g	8.45143	3196.8	0	353/413	343/423 C		79-dykrep
206	**C_3H_8S**		**1-Propanethiol**				**107-03-9**
l-g	6.05336	1183.31	–48.526	254/364	244/374 A	340.87/101.325	66-trchc
207	**C_3H_8S**		**2-Propanethiol**				**75-33-2**
l-g	6.00224	1113.9	–46.993	242/348	232/358 B	325.71/101.325	66-trchc
208	**C_3H_8S**		**2-Thiabutane**				**624-89-5**
l-g	6.06339	1182.56	–48.366	253/363	240/377 A	339.8/101.325	66-trchc
209	**$C_3H_8S_2$**		**1,3-Propanedithiol**				**109-80-8**
l-g	4.87743	835.830	–154.988	338/446	336/448 C	446.04/101.325	43-halrei
							Note 13
210	**C_3H_9BS**		**Dimethyl(methylthio)borane(3)**				**19163-05-4**
l-g	6.8019	1651	0	227/304	227/304 D		79-dykrep
211	**$C_3H_9BS_2$**		**Methyl*bis*(methylthio)borane(3)**				**19163-08-7**
l-g	6.0615	1468.5	–65.05	300/373	290/383 C		79-dykrep
212	**$C_3H_9BS_3$**		**Tris(methylthio)-borane(3)**				**997-49-9**
l-g	6.774	2345.1	0	325/462	315/472 C		79-dykrep
213	**$C_3H_9NO_3S$**		***N*,*N*-Dimethyl-*N*-sulfomethaninium hydroxide**				**63147-26-2**
cr-g	10.4009	3165	0	292/349	292/349 D		79-dykrep
214	**C_3S_2**		**Carbon subsulfide**				**627-34-9**
l-g	6.67521	2009.093	–21.080	287/404	285/405 C	375.09/10	47-stu
215	**C_4ClF_9S**		**1,1,2,2,3,3,4,4,4-Nonafluorobutane sulfenyl chloride**				**42769-81-3**
l-g	7.015	1783	0	L	C	355.94/101.25	73-abeshr-1
							Note 10
216	**$C_4ClF_{12}S$**		**Chlorotetrafluoro-(nonafluorobutyl) sulfur**				**42769-87-9**
l-g	7.285	1940	0	L	D	367.43/101.325	73-abeshr-1
							Note 11
217	**$C_4F_7NO_3S$**		**3,3,3-Trifluoro-2-(trifluoromethyl)-lactonitrile fluorosulfate**				**26404-53-5**
l-g	6.3609	1629	0	262/320	262/320 D		79-dykrep
218	**C_4F_8OS**		**Octafluorotetrahydro-1-thiophene oxide**				**42060-62-8**
l-g	7.555	1939	0	L	>316 C	349.41/101.325	73-abeshr-0
							Note 10
219	**$C_4F_8O_4S$**		**Anhydride of heptafluorobutyric acid and fluorosulfuric acid**				**6069-35-8**
l-g	7.34041	1735.504	–27.173	268/352	265/353 C	352.50/101.325	66-descad

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
220	**C_4F_8S**		**2,2,3,3,5,5,6,6-Octafluoro-1,4-dithiane**				**710-65-6**
l-g	7.025	1724	0	L	C	343.48/101.325	73-abeshr-0 Note 10
221	**C_4F_8S**		**Octafluorotetra-hydrothiophene**				**706-76-3**
l-g	6.505	1406	0	L	C	312.50/101.325	73-abeshr-0 Note 10
222	**$C_4F_{10}OS$**		***Bis*(pentafluoroethyl) sulfoxide**				**33622-25-2**
l-g	7.475	1836	0	L	C	335.69/101.325	71-saushr-2 Note 10
223	**$C_4F_{10}O_3S$**		**Fluorosulfuric acid, nonafluoro(1-methylpropyl) ester**				**5762-52-7**
l-g	6.92356	1658.185	–6.190	266/341	265/350 C	343.37/101.325	66-delshr
224	**$C_4F_{10}O_4S$**	**Fluoroperoxymono-sulfuric acid, 2,2,2-trifluoro-1,1-*bis*(trifluoromethyl) ethyl ester**					**55064-77-2**
l-g	7.5619	1965.0	0	L	C	353.66/101.325	75-waldes-1 Note 10
225	**$C_4F_{10}O_6S_2$**		**1,1,1,2,3,4,4,4-Octafluoro-2,3-*bis*(fluorosulfato) butane**				**2261-44-1**
l-g	11.43969	5807.410	215.816	302/378	302/378 D	356.98/20	64-ratshr
l-g	2.73172	69.757	–312.919	378/411	378/411 B	409.00/101.325	64-ratshr
226	**$C_4F_{10}S$**		**(Heptafluoropropyl)-(trifluoromethyl) sulfide**				**33547-11-4**
l-g	6.625	1439	0	L	D	311.52/101.325	71-saushr-2 Note 11
227	**$C_4F_{10}S$**		**1,1,2,2,3,3,4,4,5,5-Decafluor-1,1,2,3,4,5-hexahydrothiophene**				**42060-60-6**
l-g	8.265	2171	0	L	C	346.84/101.325	73-abeshr-0 Note 10
228	**$C_4F_{12}OS$**		**Difluorooxo*bis*(penta-fluoroethyl) sulfur**				**33564-25-9**
l-g	7.46466	1936.715	14.092	284/341	284/344 D	340.69/101.325	71-saushr-1
229	**$C_4F_{12}O_2S$**		***Bis*(trifluoromethyl)-*bis*(trifluoromethoxy) sulfur**				**63465-11-2**
l-g	6.445	1532	0	273.325	273/346 C	345.10/101.325	77-kitshr 78-kitshr Note 10
230	**$C_4F_{12}O_3S$**		**Oxo*bis*(trifluoro-methoxy)*bis*(trifluoro-methyl) sulfur**				**66632-46-0**
l-g	6.725	1746	0	273/335	273/370 D	369.97/101.325	78-kitshr Note 10
231	**$C_4F_{12}S$**		**Difluoro(heptafluoro-propyl)(trifluoro-methyl) sulfur**				**31206-31-2**
l-g	7.005	1712	0	L	C	342.45/101.325	71-saushr-2 Note 10
232	**$C_4F_{12}S$**		**Difluoro*bis*(penta-fluoroethyl) sulfur**				**33622-15-0**
l-g	6.924	1685	0	L	C	342.60/101.325	71-saushr-2 Note 10
233	**$C_4F_{12}S$**		**Dodecafluoroocta-hydro thiophene**				**373-83-1**
l-g	6.915	1644	0	L	C	334.88/101.325	73-abeshr-0 Note 10
234	**$C_4F_{16}S_2$**		**Hexadecafluoro-octahydro-1,4-dithiane**				**4556-31-4**
l-g	7.205	2117	0	323/408	323/410 C	407.17/101.325	73-abeshr-0 Note 10

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
235	**$C_4HF_9O_2S$**	**Trifluoromethane-sulfinic acid, 2,2,2-trifluoro-1-(trifluoromethyl) ethyl ester**					**52225-50-0**
l-g	7.705	2061	0	L	C	361.62/101.325	74-majshr Note 10
236	**$C_4H_2Br_2S$**	**3,4-Dibromothiophene**					**3141-26-2**
l-g	5.47693	2024.731	34.618	333/373	331/375 B	335.07/1	71-eonpom
237	**$C_4H_2Cl_2S$**	**2,5-Dichlorothiophene**					**3172-52-9**
l-g	5.90415	1715.291	–4.717	333/373	330/375 A	354.48/10	71-eonpom Note 19
	6.66109	1954.611	–43.701	323/425	323/425 C	358.97/10	81-ditsko Note 19
	6.93338	2347.552	37.969	323/425	323/425 D	357.68/10	71-eonpom 81-ditsko Note 19
238	**$C_4H_2F_6OS$**	**Trifluoroacetic acid, *S*-(1,2,2-trifluoroethyl) ester**					**35709-12-7**
l-g	7.11880	1775.640	0	281/322	280/325 D	290.19/10	71-weegar
239	**$C_4H_2N_2O_4S$**	**2,5-Dinitrothiophene**					**59434-05-8**
l-g	7.46448	3081.24	–2.08	388/523	378/533 C		79-dykrep
240	**$C_4H_2N_2O_4S$**	**2,4-Dinitrothiophene**					**900002-53-1**
l-g	7.5099	3116.1	0	388/523	378/533 C		87-wzvap
241	**C_4H_3BrS**	**2-Bromothiophene**					**1003-09-4**
l-g	5.58601	1600.130	16.770	333/373	330/378 B	332.15/10	71-eonpom
242	**C_4H_3BrS**	**3-Bromothiophene**					**872-31-1**
l-g	5.54968	1614.225	12.142	333/373	330/378 D	342.66/10	71-eonpom
243	**$C_4H_3ClF_6O_2S$**	**Chlorosulfonic acid, 1,1-*bis*(trifluoromethyl) ethyl ester**					**57169-82-1**
l-g	7.165	2071	0	L	D	401.41/101.325	75-demkov-1 Note 11
244	**C_4H_3ClS**	**2-Chlorothiophene**					**96-43-5**
l-g	6.57464	1825.900	2.654	333/373	330/380 B	324.88/10	71-eonpom Note 19
	6.61150	1792.471	–11.732	320/401	318/403 C	331.16/10	81-ditsko Note 19
	7.40831	2439.091	52.403	313/401	310/403 D	328.21/10	71-eonpom 81-ditsko Note 19
245	**$C_4H_3F_5OS$**	**Trifluorothioacetic acid, *S*-(2,2-difluoroethyl) ester**					**35709-11-6**
l-g	5.00381	842.030	–105.316	282/322	280/325 C	315.62/10	71-weegar
246	**$C_4H_3F_7O_2S$**	**Fluorosulfinic acid 1,1-*bis*(trifluoromethyl) ethyl ester**					**57169-83-2**
l-g	7.175	1898	0	L	C	367.17/101.325	75-demkov-1 Note 10
247	**C_4H_3IS**	**2-Iodothiophene**					**3437-95-4**
l-g	5.02823	1451.266	–7.762	333/373	332/375 A	368.04/10	71-eonpom
248	**$C_4H_3NO_2S$**	**2-Nitrothiophene**					**609-40-5**
l-g	7.79147	2965.23	21.625	378/443	375/445 B		84-pas

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
249	**$C_4H_4Cl_4O_2S$**		**3,3,4,4-Tetrachloro tetrahydrothiophene 1,1-dioxide**				**3737-41-5**
l-g	10.81778	4612.838	0	303/349	303/349 D	333.83/0.001	78-dep
250	**$C_4H_4F_4OS$**		**Trifluorothioacetic acid, *S*-ethyl ester**				**35709-10-5**
l-g	4.67134	686.853	–128.246	283/324	281/326 C	315.33/10	71-weegar
251	**$C_4H_4F_4OS$**		**Trifluorothioacetic acid, *S*-(2-fluoroethyl)ester**				**35709-10-5**
l-g	4.34949	577.263	–142.945	282/322	272/332 C		84-dykrep
252	**$C_4H_4F_6N_2S$**		**2,2,2-Trifluoro-*N*-methyl-*N'*-[(trifluoromethyl)-ethanimidamide**				**62067-10-1**
l-g	6.405	1821.3	0	339/387	339/387 D		84-dykrep
253	**$C_4H_4F_6O_2S$**		**Trifluoromethane-sulfuric acid, 2,2,2-trifluoro-1-methylethyl ester**				**52225-48-6**
l-g	7.135	1921	0	L	C	374.52/101.325	74-majshr Note 10
254	**C_4H_4S**		**Thiophene**				**110-02-1**
l-g	6.08416	1246.02	–51.8	267/381	257/391 B	357.31/101.325	53-trchc
255	**$C_4H_5F_3OS$**		**Trifluorothioacetic acid, *S*-ethyl ester**				**383-64-2**
l-g	3.68097	369.672	–162.277	282/313	281/315 C	300.16/10	71-weegar
256	**C_4H_5NS**		**Allyl isothiocyanate**				**57-06-7**
l-g	4.25148	791.434	–119.131	283/323	273/333 B		73-czas
257	**C_4H_5NS**		**2-Methylthiazole**				**3581-87-1**
l-g	6.16702	1407.05	–63.824	354/402	344/415 A		73-czas
258	**C_4H_5NS**		**4-Methylthiazole**				**693-95-8**
l-g	6.186	1424	0	346/408	336/418 C		84-dykrep
259	**C_4H_6OS**		**2(3H)-Dihydrothiophenone**				**1003-10-7**
l-g	5.885	1946.3	0	L	D	314.63/0.5	72-geisaw Note 18
260	**C_4H_6OS**		**3(2H)-Dihydrothiophenone**				**1003-04-9**
l-g	7.805	2583.2	0	L	D	318.68/0.5	72-geisaw Note 18, 20
261	**$C_4H_6O_2S$**		**Diacetylsulfide**				**3232-39-1**
l-g	8.81486	2827.875	0	325/355	323/356 D	332.15/2	59-bohgou 52-cro-2
262	**C_4H_6S**		**Vinylthiacyclopropane 2-Vinylthiirane**				**5954-75-6**
l-g	10.69234	4465.987	139.922	273/334	271/336 C	320.85/10	66-sidlow
263	**$C_4H_6S_3$**		**Trithiacarbonic acid, cyclic trimethylene ester**				**1748-15-8**
cr-g	11.01515	5004.501	13.042	321/348	320/350 B	344.04/0.001	67-geisch-1
264	**C_4H_7ClS**		**3-Chloro-2-butene-1-thiol**				**900002-51-9**
l-g	9.68182	3745.252	80.838	341/397	340/400 D	388.32/50	56-kleesa
265	**C_4H_7FOS**		**Ethanethioic acid, *S*-(2-fluoroethyl)ester**				**462-31-7**
l-g	7.6273	2336.2	0	273/333	263/343 C		79-dykrep
266	**C_4H_7FOS**		**Thioacetic acid, 2-fluoroethyl ester**				**462-31-7**
l-g	7.6273	2336.2	0	273/333	273/335 B	306.29/1	48-redcha-1 Note 2

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
267	**$C_4H_8Cl_2S$**		***Bis*(2-chloroethyl) sulfide, yperite**				**505-60-2**
cr-g	18.92855	8915.112	133.745	263/288	262/290 B	272.81/0.001	47-balden
l-g	8.02333	2738.141	–20.522	263/353	262/355 C	323.97/0.1	47-balden
268	**$C_4H_8Cl_2S_3$**		***Bis*(2-chloroethyl)-trisulfide**				**19149-77-0**
l-g	8.35519	3565.7	0	273/333	273/335 D	314.02/0.001	48-redcha-2 Note 2
269	**$C_4H_8F_2O_4S$**		***Bis*(2-fluoroethyl)-sulfate**				**381-46-4**
l-g	8.9366	3335.6	0	273/333	273/335 C	304.99/0.01	48-redcha-1 Note 2
270	**C_4H_8OS**		**1,4-Oxathiane**				**15980-15-1**
l-g	5.42527	1043.578	–117.583	343/411	340/415 B	397.64/50	33-joh
271	**$C_4H_8O_2S$**		**Allylmethyl sulfone**				**16215-14-8**
l-g	9.075	3563	0	405/450	405/450 D	441.24/10	61-busivi-1 Note 2
272	**$C_4H_8O_2S$**		**Cyclotetramethylene sulfone**				**126-33-0**
l-g	13.65415	10272.174	345.426	303/423	303/423 D	406.89/1	79-asccla 80-kar
l-g	6.63596	2317.594	–58.022	423/529	423/529 C	558.54/101.325	77-mel 69-mor
l-g	7.44817	3155.935	22.975	364/529	364/529 C	400.75/1	84-shckap-2 Note 21
273	**C_4H_8S**		**Ethylthiirane**				**3195-86-6**
l-g	6.17445	1309	–64.15	298/450	288/460 C	378.15/101.325	79-dykrep
274	**C_4H_8S**		**Isobutylene sulfide**				**3772-13-2**
l-g	6.17325	1271.1	–54.15	273/473	263/483 C	359.15/101.325	79-dykrep
275	**C_4H_8S**		**Thiacyclopentane**				**110-01-0**
l-g	6.1203	1401.94	–53.543	294/420	280/435 A	394.27/101.325	66-trchc
276	**$C_4H_8S_2$**		**1,3-Dithiane**				**505-23-7**
cr-g	10.87123	3699.626	–3.258	252/270	250/272 B	269.97/0.001	83-dewvan
277	**$C_4H_8S_2$**		**1,4-Dithiane**				**505-29-3**
cr-g	10.69904	3770.721	–0.427	257/255	256/258 B	275.68/0.001	83-dewvan
l-g	4.35802	656.048	–198.778	389/437	387/440 C	394.15/10	33-joh
278	**$C_4H_9ClO_2S$**		**1-Butanesulfonyl chloride**				**2386-60-9**
l-g	9.17029	3148.169	0	253/284	253/284 C	272.14/0.004	63-quinow Note 15
l-g	7.47685	2425.716	–26.012	283/373	283/373 D	350.44/1	63-quinow
l-g	6.83354	1999.818	–57.943	373/474	373/474 D	472.17/101.325	63-quinow
279	**C_4H_9ClS**		**Ethyl(2-chloroethyl) sulfide**				**693-07-2**
l-g	7.41945	2318.8	0	273/333	273/335 D	312.53/1	48-redcha-2 Note 2
280	**$C_4H_{10}BF_3S$**		**Diethyl sulfide-boron trifluoride**				**900000-41-1**
l-g	7.6599	1893	0	273/293	273/293 D		79-dykrep
281	**$C_4H_{10}F_3NOS$**		**(Diethylaminato)-trifluorooxosulfur**				**26458-94-6**
l-g	7.63974	2587.66	0	329/354	329/356 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
282	**$C_4H_{10}F_3NS$**		**(*N*-Ethylethanaminato)-trifluorosulfur**				**38078-09-0**
l-g	7.53514	2363.6	0	318/340	314/346 D		84-dykrep
283	**$C_4H_{10}O_2S$**		***Bis*(2-hydroxyethyl) sulfide 2,2'-Thiodiethanol**				**111-48-8**
l-g	2.22498	591.930	–137.433	315/558	315/560 D	385.49/1	47-stu
284	**$C_4H_{10}O_3S$**		**Diethyl sulfite**				**623-81-4**
l-g	7.765	2321	0	280/418	280/420 D	403.00/101.325	75-demkov-1 Note 11
285	**$C_4H_{10}O_4S$**		**Diethyl sulfate**				**64-67-5**
l-g	6.75946	2040.418	–52.969	320/482	320/484 C	482.19/101.325	27-kur 47-stu
286	**$C_4H_{10}S$**		**1-Butanethiol**				**109-79-5**
l-g	6.05244	1281.02	–55.05	278/396	268/406 B	371.61/101.325	66-trchc
287	**$C_4H_{10}S$**		**2-Butanethiol**				**513-53-1**
l-g	6.01188	1229.9	–51.129	266/382	256/395 B	358.13/101.325	66-trchc
288	**$C_4H_{10}S$**		**2-Methyl-1-propanethiol**				**513-44-0**
l-g	6.01236	1237.28	–52.837	269/386	259/398 B	361.64/101.325	66-trchc
289	**$C_4H_{10}S$**		**2-Methyl-2-propanethiol**				**75-66-1**
l-g	5.91271	1115.56	–51.836	274/361	274.3/371 B	337.37/101.325	66-trchc
290	**$C_4H_{10}S$**		**3-Methyl-2-thiabutane**				**1551-21-9**
l-g	6.02686	1232.17	–51.48	266/382	256/392 B	357.9/101.325	66-trchc
291	**$C_4H_{10}S$**		**2-Thiapentane**				**3877-15-4**
l-g	6.08035	1284.31	–53.49	276/393	266/403 B	368.69/101.325	66-trchc
292	**$C_4H_{10}S$**		**3-Thiapentane**				**352-93-2**
l-g	6.05326	1257.83	–54.488	273/390	260/405 A	365.25/101.325	66-trchc
293	**$C_4H_{10}S_2$**		**1,4-Butanedithiol**				**1191-08-8**
l-g	6.19171	1635.502	–78.042	348/469	345/470 C	468.75/101.325	43-halrei Note 13
294	**$C_4H_{10}S_2$**		**3,4-Dithiahexane**				**110-81-6**
l-g	6.09997	1485.97	–64.192	320/455	310/465 B	427.13/101.325	64-trchc
295	**$C_4H_{12}N_2OS$**		**Tetramethylsulfurous diamide**				**3768-60-3**
l-g	6.55381	2186.98	0	320/351	316/357 C		84-dykrep
296	**$C_4H_{12}N_2O_2S$**		**Tetramethylsulfamide**				**3768-63-6**
l-g	8.64261	3636.96	53.55	358/423	358/423 D		84-dykrep

3.2 Sulfur Containing Organic Compounds, C_5 to C_{89}

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
297	**$C_5F_{10}O_6S_2$**	**Octafluoro-cyclopentanediol *bis*(fluorosufate)**					**741-20-8**
l-g	5.18839	877.069	–145.648	334/422	333/424 D	421.22/101.325	61-shrcad
298	**$C_5F_{12}O_2S$**	**Trifluoromethane-sulfinic acid, 2,2,2-trifluoro-1,1-*bis*[(trifluoro-methyl)ethyl] ester**					**52225-54-4**
l-g	7.715	2025	0	L	C	354.69/101.325	74-majshr
299	**$C_5F_{12}O_4S$**	**Pentafluoro(2,2,3,3,4,4,5-heptafluoro-5-oxopentane-peroxoato) sulfur**					**60672-63-1**
l-g	7.2659	2040.4	0	L	C	387.90/101.325	76-hopdes Note 10
300	**$C_5F_{13}NS$**	***N*-[1,2,2,2-Tetrafluoro-1-(trifluoromethyl)-ethyl]sulfilimine**					**37826-44-1**
l-g	6.90522	1907.69	26.384	314/360	314/360 C		84-dykrep
301	**$C_5F_{14}OS$**	**Pentafluoro-[(nonafluorocyclo-pentyl)oxy] sulfur**					**736-59-4**
l-g	6.39419	1383.497	–45.559	300/361	300/362 C	360.82/101.325	98-trchc
302	**$C_5H_3F_9O_2S$**	**Trifluoromethane-sulfinic acid, 2,2,2-trifluoro-1-methyl-1-(trifluoromethyl)ethyl ester**					**52225-51-1**
l-g	6.635	1784	0	L	C	385.37/101.325	74-majshr Note 10
303	**$C_5H_4O_2S$**	**2-Thiophene carboxylic acid**					**527-72-0**
l-g	12.64871	5063.102	0	314/323	310/326 C	323.55/0.001	53-bracar
304	**$C_5H_6F_6O_2S$**	**Trifluoromethane-sulfinic acid, 2,2,2-trifluoro-1,1-dimethylethyl ester**					**52225-49-7**
l-g	6.785	1854	0	L	C	387.92/101.325	74-majshr Note 10
305	**$C_5H_6F_6O_5S_2$**	**Methanesulfinic acid, trifluoro-2-hydroxy-1,3-propanediyl ester**					**61915-97-7**
l-g	5.225	1712	0	333/418	330/418 D	405.21/10	77-burshr Note 2
306	**C_5H_6S**	**2-Methylthiophene**					**554-14-3**
l-g	6.00470	1290.633	–62.909	324/390	320/392 B	385.65/101.325	71-eonpom, 52-whibar
307	**C_5H_6S**	**3-Methylthiophene**					**616-44-4**
l-g	6.05382	1328.883	–60.260	326/398	324/400 B	388.54/101.25	71-eonpom, 52-whibar
308	**C_5H_7NS**	**3-Butenyl isothiocyanate**					**3386-97-8**
l-g	7.363	2360	0	342/443	342/443 D		79-dykrep
309	**C_5H_8OS**	**Tetrahydro-4H-thiopyran-4-one**					**1072-72-6**
cr-g	11.055	3746.1	0	<337	<337 D	318.71/0.2	72-geisaw Note 18
310	**C_5H_9ClS**	**(2-Chloroethyl) allyl sulfide**					**19155-35-2**
l-g	8.00836	2619.9	0	273/341	273/342 C	327.15/1	48-redcha-1 Note 2
311	**C_5H_9FOS**	**4-Fluorothiobutyric acid,*O*-methyl ester**					**63732-24-1**
l-g	8.358	2735	0	273/333	273/333 C	327.23/1	48-redcha-2 Note 2

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
312	**$C_5H_{10}OS$**		**1-(Methylthio)-2-(vinyloxy)ethane**				**6607-53-0**
l-g	7.98017	2482.473	0	316/347	314/350 C	340.94/5	56-uni Note 13
313	**$C_5H_{10}S$**		**Allyl ethyl sulfide**				**5296-62-8**
l-g	3.04580	240.818	–205.297	301/327	299/328 B	323.01/10	62-macmay-3
314	**$C_5H_{10}S$**		**Cyclopentanethiol**				**1679-07-8**
l-g	6.03610	1386.353	–61.320	354/446	350/450 A	405.30/101.325	61-bersco, 66-osbdou
315	**$C_5H_{10}S$**		**2-Methylthia-cyclopentane**				**1795-09-1**
l-g	6.06902	1409.5	–58.742	303/433	293/443 B	405.63/101.325	66-trchc
316	**$C_5H_{10}S$**		**3-Methylthia-cyclopentane**				**4740-00-5**
l-g	6.07601	1433.16	–59.384	307/439	297/449 B	411.49/101.325	66-trchc
317	**$C_5H_{10}S$**		**Thiacyclohexane**				**1613-51-0**
l-g	6.03008	1422.47	–61.43	310/443	300/453 B	414.9/101.325	66-trchc
318	**$C_5H_{11}ClO_2S$**		**1-Pentanesulfonyl chloride**				**6303-18-0**
l-g	8.77960	3161.309	0	263/294	263/294 C	282.83/0.004	63-quinow Note 15
l-g	7.45209	2485.951	–30.192	293/387	293/387 D	363.78/1	63-quinow
l-g	6.75085	2010.719	–66.104	387/492	387/492 D	489.85/101.325	63-quinow
319	**$C_5H_{11}NO_2S$**		**L-methionine**				**63-68-3**
cr-g	11.795	6530.	0	463/485	459/491 D		79-dykrep
320	**$C_5H_{12}S$**		**2,2-Dimethyl-1-propanethiol**				**1679-08-9**
l-g	5.96496	1274.35	–54.963	280/403	270/413 B	376.83/101.325	66-trchc
321	**$C_5H_{12}S$**		**3,3-Dimethyl-2-thiabutane**				**6163-64-0**
l-g	5.97199	1259.65	–54.458	276/397	266/407 B	372.05/101.325	66-trchc
322	**$C_5H_{12}S$**		**2-Methyl-1-butanethiol**				**1878-18-8**
l-g	6.03875	1347.32	–58.078	293/418	280/433 A	392.15/101.325	66-trchc
323	**$C_5H_{12}S$**		**2-Methyl-2-butanethiol**				**1679-09-0**
l-g	5.95327	1254.89	–54.391	276/398	264/413 A	372.28/101.325	66-trchc
324	**$C_5H_{12}S$**		**3-Methyl-1-butanethiol**				**541-31-1**
l-g	6.03981	1342.51	–58.704	292/418	282/430 B	391.5/101.325	66-trchc
325	**$C_5H_{12}S$**		**3-Methyl-2-butanethiol**				**2084-18-6**
l-g	6.00011	1307.16	–55.662	285/409	275/419 B	382.91/101.325	66-trchc
326	**$C_5H_{12}S$**		**2-Methyl-3-thiapentane**				**5145-99-3**
l-g	6.0162	1293.05	–58.11	284/406	274/416 B	380.53/101.325	66-trchc
327	**$C_5H_{12}S$**		**3-Methyl-2-thiapentane**				**10359-64-5**
l-g	6.061	1334.	–56.15	288/411	282/418 C	385.15/101.325	66-trchc
328	**$C_5H_{12}S$**		**4-Methyl-2-thiapentane**				**5008-69-5**
l-g	6.0563	1336.3	–55.75	288/411	278/421 B	385.65/101.325	66-trchc
329	**$C_5H_{12}S$**		**1-Pentanethiol**				**110-66-7**
l-g	6.05801	1369.48	–61.836	300/426	290/436 B	399.79/101.325	66-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
330	**$C_5H_{12}S$**		**2-Pentanethiol**				**2084-19-7**
l-g	6.0157	1316.5	–57.25	287/412	277/422 B	385.55/101.325	66-trchc
331	**$C_5H_{12}S$**		**3-Pentanethiol**				**616-31-9**
l-g	6.0286	1332.	–55.95	288/413	279/421 C	387.05/101.325	66-trchc
332	**$C_5H_{12}S$**		**2-Thiahexane**				**628-29-5**
l-g	6.07073	1363.81	–61.076	297/423	287/433 A	396.58/101.325	66-trchc
333	**$C_5H_{12}S$**		**3-Thiahexane**				**4110-50-3**
l-g	6.0587	1341.57	–60.64	293/418	283/428 B	391.65/101.325	66-trchc
334	**$C_5H_{12}S_2$**		**Ethyl isopropyl disulfide 2-Methyl-3,4-dithiahexane**				**53966-36-2**
l-g	6.13958	1552.100	–63.093	369/426	367/428 B	365.08/10	32-weywei
335	**$C_5H_{12}S_2$**		**Ethyl propyl disulfide 3,4-Dithiaheptane**				**30453-31-7**
l-g	6.09881	1543.750	–69.765	376/414	374/418 B	391.53/20	52-whibar
336	**$C_5H_{12}S_2$**		**1,5-Pentanedithiol**				**928-98-3**
l-g	6.77911	2148.769	–40.304	363/490	362/493 C	490.46/101.325	43-halrei Note 13
337	**$C_5H_{13}NS$**		***N*-Methyl-*tert*-butylsulfenamide**				**900000-18-2**
l-g	7.50923	2187.3	0	329/397	319/407 C		79-dykrep
338	**$C_6F_{16}O_4S_2$**		**2,2,4,4-Tetrafluoro-1,1,3,3-tetrahydro-1,1,3,3-tetrakis-(trifluoromethyl)-1,3-dithiethane**				**63441-15-6**
l-g	6.795	1935	0	L	C	404.03/101.325	77-kitshr, 78-kitshr Note 10
339	**$C_6F_{16}S$**		**Difluoro*bis*[1,2,2,2-tetrafluoro-1-(trifluoromethyl)-ethyl] sulfur**				**1423-18-3**
l-g	6.975	1911	0	273/383	270/385 C	384.56/101.325	62-rosmue Note 10
340	**$C_6H_2F_{12}O_3S$**		**2-Propanol, 1,1,1,3,3,3-hexafluorosulfide**				**53517-89-8**
l-g	7.485	2216	0	L	C	404.43/101.325	75-demkov Note 10
341	**$C_6H_4S_4$**		**Tetrathiafulvene , 2-(1,3-Dithiol-2-ylidene)-1,3-dithiol**				**31366-25-3**
l-g	10.92907	4906.131	–2.450	331/355	330/358 C	354.67/0.001	80-dekgov Note 12
342	**$C_6H_5ClO_2S$**		**Benzene sulfonylchloride**				**98-09-9**
l-g	6.75204	2332.643	–33.149	339/524	337/526 C	524.61/101.325	47-stu
343	**C_6H_6S**		**Benzenethiol**				**108-98-5**
l-g	6.11509	1529.45	–70.102	333/471	323/481 A	442.29/101.325	66-trchc
344	**C_6H_8S**		**2,4-Dimethylthiophene**				**638-00-6**
l-g	6.1188	1450.7	–61.15	323/493	313/503 C	413.85/101.325	79-dykrep
345	**C_6H_8S**		**2,5-Dimethylthiophene**				**638-02-8**
l-g	6.88495	1933.188	–12.087	333/373	332/376 A	340.58/10	71-eonpom
346	**C_6H_8S**		**3,4-Dimethylthiophene**				**632-15-5**
l-g	6.0638	1446.7	–61.25	328/478	318/488 B	418.15/101.325	79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
347	**C_6H_8S**		**2-Ethylthiophene**				**872-55-9**
l-g	7.35188	2248.555	15.607	333/373	332/376 B	338.39/10	71-eonpom
348	**$C_6H_{10}S$**		**Diallyl sulfide**				**592-88-1**
l-g	5.68007	1215.109	–81.630	263/411	262/413 D	412.33/101.325	47-stu
349	**$C_6H_{12}CuN_2S_4$**		***Bis*(dimethyldithio-carbamate)copper**				**137-29-1**
l-g	13.1839	7698	0	443/473	439/479 D		84-dykrep
350	**$C_6H_{12}N_2NiS_4$**		***Bis*(dimethyldithio-carbamate)nickel**				**15521-65-0**
l-g	11.5979	7307	0	448/478	448/482 D		84-dykrep
351	**$C_6H_{12}S$**		**Cyclohexanethiol**				**1569-69-3**
l-g	6.00886	1475.141	–63.445	356/476	356/476 A	431.94/101.325	66-osbdou, 81-hossco
352	**$C_6H_{12}S$**		***cis*-2,5-Dimethyl-thiacyclopentane**				**5161-13-7**
l-g	6.02159	1415.59	–63.21	311/444	301/454 B	415.68/101.325	66-trchc
353	**$C_6H_{12}S$**		***trans*-2,5-Dimethylthiophene**				**5161-14-8**
l-g	6.05327	1442.018	–58.846	348/396	345/400 A	390.02/50	52-whibar
354	**$C_6H_{12}S$**		**3-Ethyltetrahydro-thiophene**				**62184-67-2**
l-g	6.04485	1506.6	–65.15	343/503	333/513 C	438.15/101.325	79-dykrep
355	**$C_6H_{12}S$**		**2-Ethylthiophane**				**1551-32-2**
l-g	6.04642	1478.9	–64.15	333/488	323/498 C	430.15/101.325	79-dykrep
356	**$C_6H_{12}S$**		**Methyl cyclopentyl sulfide**				**7133-36-0**
l-g	6.06889	1483.304	–64.316	355/473	355/473 A	429.38/101.325	66-osbdou
357	**$C_6H_{12}S$**		**2-Methylthia-cyclohexane**				**5161-16-0**
l-g	5.99452	1451	–62.42	317/455	307/465 C	426.19/101.325	53-trchc
358	**$C_6H_{12}S$**		**3-Methylthia-cyclohexane**				**5258-50-4**
l-g	6.07512	1517.96	–58.17	321/460	311/470 B	431.19/101.325	53-trchc
359	**$C_6H_{12}S$**		**4-Methylthia-cyclohexane**				**5161-17-1**
l-g	6.00466	1474.81	–62.99	321/461	311/471 B	431.79/101.325	53-trchc
360	**$C_6H_{13}ClO_2S$**		**1-Hexanesulfonyl chloride**				**14532-24-2**
l-g	8.40875	3170.686	0	273/304	273/304 C	293.40/0.004	63-quinow Note 15
l-g	7.35520	2482.825	–38.885	303/400	303/400 D	376.45/1	63-quinow
l-g	6.49469	1900.228	–84.081	400/507	400/507 D	507.39/101.325	63-quinow
361	**$C_6H_{14}OS$**		***tert*-Butylsulfenyl acid, ethyl ester**				**30223-17-7**
l-g	1.74021	90.067	–226.841	362/370	360/375 B	363.09/12	39-rhemot
362	**$C_6H_{14}S$**		**2,3-Dimethyl-2-butanethiol**				**1639-01-6**
l-g	6.26170	1513.420	–42.295	285/318	285/318 A	296.20/2	66-osbdou
l-g	5.96084	1352.069	–57.406	318/441	318/441 A	399.26/101.325	66-osbdou
363	**$C_6H_{14}S$**		**2,2-Dimethyl-3-thiapentane**				**14290-92-7**
l-g	5.97576	1323.24	–60.26	293/420	283/430 B	393.56/101.325	53-trchc
364	**$C_6H_{14}S$**		**2,4-Dimethyl-3-thiapentane**				**625-80-9**
l-g	5.99608	1327.12	–60.6	293/420	283/430 B	393.16/101.325	53-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
365	**$C_6H_{14}S$**		**1-Hexanethiol**				**111-31-9**
l-g	6.07154	1454	–68.196	320/454	310/464 B	425.81/101.325	61-trchc
366	**$C_6H_{14}S$**		**2-Hexanethiol**				**1679-06-7**
l-g	5.8888	1303.31	–76.45	310/440	300/450 B	412.05/101.325	66-trchc
367	**$C_6H_{14}S$**		**2-Methyl pentane thiol**				**1633-97-2**
l-g	5.97979	1341.670	–60.556	328/439	328/439 A	398.16/101.325	66-osbdou
368	**$C_6H_{14}S$**		**Methyl pentyl sulfide**				**1741-83-9**
l-g	3.80748	464.344	–185.288	321/349	320/352 C	350.68/10	62-macmay-2
369	**$C_6H_{14}S$**		**2-Methyl-3-thiahexane**				**5008-73-1**
l-g	6.04754	1383.97	–62.8	303/432	293/442 B	405.2/101.325	53-trchc
370	**$C_6H_{14}S$**		**4-Methyl-3-thiahexane**				**5008-72-0**
l-g	6.06029	1399.88	–61.55	304/434	294/444 B	406.8/101.325	53-trchc
371	**$C_6H_{14}S$**		**5-Methyl-3-thiahexane**				**1613-45-2**
l-g	6.04818	1391.97	–63.05	305/401	295/411 B	407.37/101.325	53-trchc
372	**$C_6H_{14}S$**		**3-Thiaheptane**				**638-46-0**
l-g	6.06592	1421.32	–67.34	314/445	304/455 B	417.39/101.325	53-trchc
373	**$C_6H_{14}S$**		**4-Thiaheptane**				**111-47-7**
l-g	6.06067	1413.44	–67.42	313/411	303/421 B	415.98/101.325	53-trchc
374	**$C_6H_{14}S_2$**		***tert*-Butyl ethyl disulfide, 2,2-Dimethyl-3,4-dithiahexane**				**4151-69-3**
l-g	6.06716	1552.094	–66.658	377/460	375/463 B	448.81/101.325	52-whibar
375	**$C_6H_{14}S_2$**		**Diisopropyl disulfide, 2,5-Dimethyl-3,4-dithiahexane**				**4253-89-8**
l-g	6.03992	1528.532	–71.454	379/446	376/451 A	450.35/101.325	52-whibar
376	**$C_6H_{14}S_2$**		**4,5-Dithiaoctane**				**629-19-6**
l-g	6.10019	1603.79	–77.302	354/499	340/514 A	469/101.325	64-trchc
377	**$C_6H_{14}S_2$**		**1,6-Hexanethiol**				**1191-43-1**
l-g	6.28019	1834.535	–81.083	379/510	377/512 C	510.27/101.325	43-halrei Note 13
378	**$C_6H_{14}S_2$**		**Isopropyl propyl disulfide 4-Methyl-3,4-dithiaheptane**				**33672-51-4**
l-g	6.10464	1585.079	–72.362	387/431	385/435 A	432.14/50	52-whibar
379	**$C_6H_{14}S_3$**		**2,5,8-Trithianonane**				**37460-04-1**
l-g	4.01747	487.380	–291.046	391/533	390/535 D	533.31/101.325	46-maemog
380	**$C_6H_{15}NS$**		***N*,*N*-Dimethyl-*S*-*tert*-butylthio-hydroxylamine**				**900000-21-7**
l-g	5.54214	1480	0	328/334	328/334 D		79-dykrep
381	**$C_6H_{15}O_2PS_3$**		***O*,*O*-Dimethyl *S*-[2-(ethylthio)ethyl]-dithiophosphate**				**640-15-3**
l-g	9.2361	3980.8	–1.21	283/394	273/404 C		79-dykrep
382	**$C_6H_{15}O_3PS$**		***O*,*O*,*O*-Triethyl thiophosphate**				**126-68-1**
l-g	13.1259	4570	0	305/335	301/341 D		79-dykrep
383	**$C_6H_{15}O_3PS$**		***O*,*O*,*S*-Triethyl thiophosphate**				**1186-09-0**
l-g	10.5879	3985	0	312/352	312/352 D		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
384	**$C_6H_{15}O_3PS_2$**		**O,O-Dimethyl O-[2-(ethylthio)ethyl]-thiophosphate**				**867-27-6**
l-g	6.66585	2428.6	–56.73	283/379	273/389 C		79-dykrep
385	**$C_6H_{15}O_3PS_2$**		**O,O-Dimethyl S-[2-(ethylthio)ethyl]-thiophosphate**				**919-86-8**
l-g	8.48854	3410	–26.72	283/407	273/417 C		79-dykrep
386	**C_7H_5NS**		**Phenyl isothiocyanate**				**103-72-0**
l-g	–1.5831	106.418	–419.741	283/353	273/363 D		73-czas
387	**$C_7H_8O_2S$**		**2-Methyl-6-(methylthio)-4H-pyran-4-one**				**52911-99-6**
l-g	7.52478	3274.126	0	388/433	386/436 C	418.38/0.5	74-beamue Note 12
388	**$C_7H_8O_2S$**		**6-Methyl-4-methoxy-2H-pyran-2-thion**				**52911-98-5**
l-g	12.80258	5685.865	0	401/415	400/416 C	411.94/0.1	74-beamue Note 12
389	**C_7H_8S**		**2-Methylbenzenethiol**				**137-06-4**
l-g	6.1908	1675.3	–67.05	351/498	341/508 B	467.35/101.325	66-trchc
390	**C_7H_8S**		**3-Methylbenzenethiol**				**108-40-7**
l-g	6.167	1651.7	–71.35	353/498	343/508 B	468.25/101.325	66-trchc
391	**C_7H_8S**		**4-Methylbenzenethiol**				**106-45-6**
l-g	6.0955	1619.3	–72.15	351/499	341/509 B	468.05/101.325	66-trchc
392	**C_7H_8S**		**Methyl phenyl sulfide**				**100-68-5**
l-g	6.13543	1603.696	–79.121	390/475	388/478 A	467.45/101.325	66-osbdou
393	**C_7H_8S**		**Phenyl methanethiol**				**100-53-8**
l-g	6.17619	1658.853	–74.569	394/436	391/439 A	395.05/10	80-osbsco
394	**$C_7H_8S_3$**		**4,5,6,7-Tetrahydro-1,3-benzodithiol-2-thione**				**698-42-0**
l-g	2.25436	704.880	–218.251	341/352	339/355 B	352.40/0.001	67-geisch
395	**$C_7H_9F_9N_2OSSi$**		**1,1,1-Trifluoro-N-[2,2,2-trifluoro-1-(trifluoro)]methane-sulfonamide**				**62609-67-0**
l-g	6.825	2058	0	293/353	293/353 D		84-dykrep
396	**$C_7H_{10}S$**		**2-Isopropylthiophene**				**4095-22-1**
l-g	6.05719	1453.275	–66.585	352/468	352/468 A	425.29/101.325	80-osbsco
397	**$C_7H_{10}S$**		**2-Propylthiophene**				**1551-27-5**
l-g	7.86817	2495.482	5.101	241/301	240/305 C	276.30/0.1	81-edwpra
398	**$C_7H_{12}Cl_2S$**		**(2-Chloroethyl)(2-Chlorocyclopentyl)-sulfide**				**900000-14-8**
l-g	8.85376	3444.6	0	273/333	270/333 C	290.59/0.001	48-redcha-1 Note 10
399	**$C_7H_{14}S$**		**Allyl *tert*-butyl sulfide**				**37850-75-2**
l-g	3.32348	331.164	–202.876	319/345	318/350 C	345.41/10	62-macmay-3
400	**$C_7H_{16}S$**		**1-Heptanthiol**				**1639-09-4**
l-g	7.39181	2288.677	–17.139	273/345	273/345 B	326.762/1	65-douosb
401	**$C_7H_{16}S$**		**2-Heptanthiol**				**628-00-2**
l-g	6.08738	1500.306	–69.126	343/437	341/439 B	436.70/101.325	32-ellrei
l-g	5.96667	1449.576	–84.074	345/471	345/471 B	450.04/101.325	65-douosb, 32-ellrei

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
402	**$C_7H_{16}S_2$**		**1,7-Heptanedithiol**				**62224-02-6**
l-g	6.27966	1856.542	–90.983	393/525	391/527 C	525.37/101.325	43-halrei Note 13
403	**$C_7H_{17}O_2PS_3$**		***O,O*-Diethyl-*S*-[(ethylthio)methyl]-dithiophosphate**				**298-02-2**
l-g	8.6498	3697	0	283/387	273/397 D		79-dykrep
404	**$C_8F_{18}N_2OS$**		**Oxo*bis*(trifluoro-methyl) *bis*[[2,2,2-trifluoro-1-(trifluoro-methyl)ethylidene]-amino]sulfur**				**900002-56-4**
l-g	6.645	2069	0	273/333	273/333 D		84-dykrep
405	**$C_8F_{18}O_3S$**		**Sulfuric acid, *bis*[2,2,2-trifluoro-1,1-*bis*(trifluoromethyl)-ethyl] ester**				**53517-90-1**
l-g	6.875	2018	0	L	C	414.43/101.325	75-demkov Note 10
406	**$C_8F_{18}S_2$**		***Bis*(nonafluorobutyl) disulfide**				**42060-69-5**
l-g	7.425	2345	0	L	C	432.71/101.325	73-abeshr-1 Note 10
407	**$C_8H_5F_3O_2S$**		**4,4,4-Trifluoro-1-(2-thienyl)butane-1,3-dione**				**326-91-0**
cr-g	12.7805	4536.6	0	279/290	275/296 D		92-ribmon
408	**$C_8H_6F_{12}O_3S$**		***Bis*[1,1-*bis*(trifluoro-methyl)ethyl] sulfit**				**42060-69-5**
l-g	7.465	2448	0	L	C	448.41/101.325	75-demkov Note 10, 16
409	**C_8H_6S**		**Benzo[b]thiophene**				**95-15-8**
cr-g	9.14182	3192.256	0	272/303	272/303 D	286.51/0.01	81-edwpra Note 23
l-g	7.23358	2404.692	–24.174	306/349	306/349 C	316.23/0.1	81-edwpra
l-g	6.21672	1789.455	–68.791	349/424	349/424 C	411.81/10	81-edwpra, 80-wiekob
l-g	5.91529	1581.720	–90.045	424/498	424/498 B	494.62/101.325	80-wiekob
l-g	6.67072	2258.126	–10.560	498/631	498/631 B	579.11/500	80-wiekob
410	**C_8H_7NS**		**Benzyl isothiocyanate**				**622-78-6**
l-g	7.87754	2944.06	–14.81	352/516	342/526 C		79-dykrep
411	**C_8H_7NS**		**2-Methylbenzothiazol**				**120-75-2**
l-g	7.93713	2831.45	–21.45	343/499	333/509 C		79-dykrep
412	**$C_8H_9ClNO_5PS$**		***O,O*-Dimethyl-*O*-(3-chloro-4-nitrophenyl)thio-phosphate, chlorthion**				**500-28-7**
l-g	10.2115	4807.8	0	283/409	282/409 D		79-dykrep
413	**$C_8H_{10}O_2S$**		**Benzyl methyl sulfone**				**3112-90-1**
l-g	7.585	3392	0	455/529	453/530 C	515.11/10	61-busivi Note 2
414	**$C_8H_{10}S$**		**Benzyl methyl sulfide**				**766-92-7**
l-g	3.22829	475.409	–204.456	337/367	335/370 C	351.72/1	62-macmay-1
415	**$C_8H_{10}S$**		**Ethyl phenyl sulfide**				**622-38-8**
l-g	6.89593	2145.464	–35.819	338/367	335/370 C	346.94/1	62-macmay-1
416	**$C_8H_{12}O_4S$**		**Thiodiacetic acid, diethyl ester**				**925-47-3**
l-g	4.75470	936.929	–207.807	385/448	383/450 C	404.86/1	53-bac

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
417	**$C_8H_{14}Cl_2S$**		**(2-Chloroethyl)(2-chlorocyclohexyl) sulfide**				**16660-53-0**
l-g	7.8709	3265.5	0	273/333	270/335 D	300.39/0.001	48-redcha-1 Note 2
418	**$C_8H_{14}O_6S$**		**Sulfonyldiacetic acid, diethyl ester**				**29771-87-7**
l-g	5.92203	1657.851	–174.776	422/494	420/497 C	454.72/1	53-bac
419	**$C_8H_{15}N_5S$**		**2-Methylthio-3-methylamino-6-isopropylamino-1,3,5-triazine**				**900000-27-3**
cr-g	11.2259	5302	0	323/403	323/403 D		79-dykrep
420	**$C_8H_{15}N_5S$**		**2-Methylthio-4,6-*bis*(ethylamino)-1,3,5-triazine**				**1014-70-6**
cr-g	11.0389	5293	0	323/403	323/403 D		79-dykrep
421	**$C_8H_{18}O_4S_2$**		**2,2-*Bis*(ethylsulfonyl)-butane**				**76-20-0**
l-g	8.51249	3646.525	–18.502	443/499	441/504 B	503.90/10	43-cra Note 22
422	**$C_8H_{18}S$**		**Dibutyl sulfide**				**544-40-1**
l-g	9.71191	4614.267	143.045	283/390	283/390 D	368.92/5	35-baubur, 52-whibar
423	**$C_8H_{18}S$**		**Diisobutyl sulfide**				**592-65-4**
l-g	3.44621	444.611	–192.255	326/346	324/350 C	333.62/2	62-macmay-2
424	**$C_8H_{18}S$**		**Di-*tert*-butyl sulfide**				**107-47-1**
l-g	6.31304	1621.235	–46.965	264/329	264/329 B	316.63/2	80-osbsco
l-g	5.95842	1427.375	–64.364	329/470	329/470 A	425.48/101.325	80-osbsco
l-g	6.11177	1574.307	–78.644	390/470	390/470 A	462.06/101.325	52-whibar
425	**$C_8H_{18}S$**		**1-Octanethiol**				**111-88-6**
l-g	6.10910	1597.725	–82.819	373/472	371/475 B	472.19/101.325	32-ellrei
426	**$C_8H_{18}S$**		**2-Octanethiol**				**3001-66-9**
l-g	5.9551	1468.78	–87.65	347/489	337/499 B	459.55/101.325	66-trchc
427	**$C_8H_{18}S$**		***(+,-)*-2-Octanethiol**				**10435-81-1**
l-g	5.90822	1437.885	–91.050	362/460	360/463 B	459.50/101.325	32-ellrei
428	**$C_8H_{18}S_2$**		**Dibutyl disulfide**				**629-45-8**
l-g	1.75016	456.528	–132.423	283/359	281/362 D	298.42/0.1	35-baubur
429	**$C_8H_{18}S_2$**		**1,8-Octanedithiol**				**1191-62-4**
l-g	6.22706	1881.086	–96.864	405/542	404/545 C	542.48/101.325	43-halrei Note 13
430	**$C_8H_{19}O_2PS_3$**		***O,O*-Diethyl *O*-[2-(ethylthio)ethyl]-dithiophosphate**				**298-04-4**
l-g	9.73892	4420.5	14.9	283/401	283/401 C		79-dykrep
431	**$C_8H_{19}O_3PS_2$**		***O,O*-Diethyl *O*-[2-(ethylthio)ethyl]-thiophosphate**				**298-03-3**
l-g	9.54584	4110.9	0	283/411	273/421 C		79-dykrep
432	**$C_8H_{19}O_3PS_2$**		***O,O*-Diethyl *S*-[2-(ethylthio)ethyl]-thiophosphate**				**126-75-0**
l-g	9.1587	3991	0	283/401	283/401 D		79-dykrep
433	**$C_8H_{20}O_5P_2S_2$**		**Tetra-*O*-ethyl dithiopyrophosphate**				**3689-24-5**
l-g	9.71747	4211.7	0	293/409	293/409 C		79-dykrep
434	**$C_9F_{17}NO_3S$**		**Heptadecafluoro-1-octanesulfonyl-isocyanate**				**34834-20-3**
l-g	5.95921	1342.96	–129.793	324/470	314/480 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
435	**$C_9H_{11}ClS$**		**(2-Chloroethyl) benzyl sulfide**				**4332-51-8**
l-g	6.50156	2733.4	0	273/333	271/335 C	321.52/0.01	48-redcha-1 Note 2
436	**$C_9H_{12}S$**		**Ethyl benzyl sulfide**				**6263-62-3**
l-g	4.27920	844.404	–165.565	346/370	354/373 C	362.89/1	62-macmay-2
437	**$C_9H_{12}S$**		**2-Ethylthioanisole**				**20760-06-9**
l-g	5.89054	1643.86	–78	501.15/501.15	481/511 C	501.15/101.325	87-trcsp
438	**$C_9H_{12}S$**		**Ethyl *m*-tolyl sulfide**				**34786-24-8**
l-g	5.87744	1603.47	–78	492.15/492.15	472/502 C	492.15/101.325	87-trcsp
439	**$C_9H_{12}S$**		**Ethyl *p*-tolyl sulfide**				**622-63-9**
l-g	5.87892	1607.96	–78	493.15/493.15	473/503 C	493.15/101.325	87-trcsp
440	**$C_9H_{12}S$**		**(Isopropylthio)-benzene**				**3019-20-3**
l-g	4.14061	860.68	–78	481.15/481.15	461/491 C	481.15/101.325	87-trcsp
441	**$C_9H_{12}S$**		**(Propylthio)benzene**				**874-79-3**
l-g	5.94223	1634.24	–78	493.15/493.15	473/503 C	493.15/101.325	87-trcsp
442	**$C_9H_{15}NOS$**		**Carbamothioic acid(1-methylethyl)-2-propynyl, *S*-ethyl ester**				**59300-33-3**
l-g	10.0803	3801.81	0	298/313	296/317 D		84-dykrep
443	**$C_9H_{16}OS$**		**Tetrahydro-2,2,6,6-tetramethyl-4H-thiopyran-4-one**				**22842-41-7**
l-g	5.615	1813.8	0	L	D	333.49/1.5	72-geisaw Note 18
444	**$C_9H_{17}NO_3S$**		***N*-Acetyl-(+-)-methionine ethyl ester**				**33280-93-2**
l-g	9.2912	4264	0	432/519	432/519 D		79-dykrep
445	**$C_9H_{17}N_5S$**		**2-Methylthio-4-ethylamino-6-isopropylamino-1,3,5-triazine**				**834-12-8**
cr-g	11.036	5270	0	323/403	323/403 D		79-dykrep
446	**$C_9H_{20}S$**		**1-Nonanethiol**				**1455-21-6**
l-g	5.97060	1561.145	–99.700	391/493	389/495 B	493.44/101.325	32-ellrei
447	**$C_9H_{20}S$**		**2-Nonanethiol**				**13281-11-3**
l-g	6.13121	1646.768	–82.121	380/481	378/483 B	481.29/101.325	32-ellrei
448	**$C_9H_{20}S_2$**		**1,9-Nonanedithiol**				**3489-28-9**
l-g	6.37248	2016.964	–95.294	418/557	416.559 C	557.18/101.325	43-halrei
449	**$C_9H_{21}BS_3$**		**Tripropyl trithioborate**				**998-38-9**
l-g	9.445	3980	0	423/483	423/483 D		79-dykrep
450	**$C_9H_{22}ClN_2PS$**		***n,n'-Bis*(1-methylpropyl)diamide(chloromethyl)-thiophosphonate**				**58023-20-4**
l-g	6.5986	3490	0	333/368	333/368 D		84-dykrep
451	**$C_{10}H_{13}Cl_3NOPS$**		***p*-Chloromethyl-*N*-(1-methylethyl)amido-thiophosphobic acid**				**18361-88-1**
l-g	10.6648	4864	0	323/368	323/368 D		84-dykrep
452	**$C_{10}H_{14}NO_5PS$**		***O,O*-Diethyl *O*-(4-nitrophenyl)-thiophosphate**				**56-38-2**
l-g	8.91416	3927	–31.55	293/433	283/443 C		79-dykrep
453	**$C_{10}H_{14}NO_5PS$**		***O,O'*-Diethyl *S*-(4-nitrophenyl)-thiophosphate**				**3270-86-8**
l-g	7.4949	3966	0	313/366	313/366 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
454	**$C_{10}H_{14}NO_5PS$**		***O,S'*-Diethyl *O'*-(4-nitrophenyl)-thiophosphate**				**597-88-6**
l-g	7.0499	3924	0	332/364	328/370 D		84-dykrep
455	**$C_{10}H_{15}O_3PS_2$**		***O,O*-Dimethyl *O*-[3-methyl-4-(methylthio)phenyl]-thiophosphate**				**55-38-9**
l-g	8.0532	3947.6	0	293/373	283/383 C		79-dykrep
456	**$C_{10}H_{17}NOS$**		***N*-Butyl-*N*-(2-propynyl) carbamothioic acid, *S*-ethyl ester**				**59300-35-5**
cr-g	11.2143	4290.52	0	298/313	296/311 D		84-dykrep
457	**$C_{10}H_{17}NOS$**		***N,N*-Dipropyl carbomothioic acid, *S*-(2-propynyl)ester**				**59300-36-6**
cr-g	12.7886	4828.19	0	298/313	296/311 D		84-dykrep
458	**$C_{10}H_{17}NOS$**		***N*-Isopropyl-*N*-(2-propynyl) carbamothioic acid, *S*-ethyl ester**				**59300-34-4**
cr-g	10.1303	3865.68	0	298/313	296/311 D		84-dykrep
459	**$C_{10}H_{19}N_5S$**		**2-Methylthio-4,6-*bis*(isopropylamino)-1,3,5-triazine**				**7287-19-6**
cr-g	10.966	5222	0	323/403	323/403 D		79-dykrep
460	**$C_{10}H_{19}O_6PS_2$**		***O,O*-Dimethyl *S*-[1,2-*bis*(ethoxycarbonyl)-ethyl]dithiophosphate**				**121-75-5**
l-g	7.8813	3716.6	0	283/419	273/429 C		79-dykrep
461	**$C_{10}H_{19}O_7PS$**		***O,O*-Dimethyl *S*-[1,2-*bis*(ethoxycarbonyl)-ethyl]thiophosphate**				**900000-46-6**
l-g	10.7431	4880	0	283/406	273/416 C		79-dykrep
462	**$C_{10}H_{20}CdN_2S_4$**		***Bis*(diethyldithio-carbamate)cadmium**				**14239-68-0**
cr-g	11.8179	6960	0	433/469	433/469 D		84-dykrep
463	**$C_{10}H_{20}CoN_2S_4$**		***Bis*(diethylthio-carbamate)cobalt**				**15974-34-2**
cr-g	15.6029	9273	0	458/482	458/482 D		84-dykrep
464	**$C_{10}H_{20}CuN_2S_4$**		***Bis*(diethyldithio-carbamate)copper**				**13681-87-3**
cr-g	14.3529	7789	0	420/465	410/475 D		84-dykrep
465	**$C_{10}H_{20}HgN_2S_4$**		***Bis*(diethylthio-carbamate)mercury**				**14239-51-1**
cr-g	1.9909	2488	0	378/403	378/403 D		84-dykrep
466	**$C_{10}H_{20}N_2NiS_4$**		***Bis*(diethyldithio-carbamate)nickel**				**14267-17-5**
cr-g	14.1029	7940	0	440/478	440/478 D		84-dykrep
467	**$C_{10}H_{20}N_2PbS_4$**		***Bis*(diethyldithio-carbamate)lead**				**17549-30-3**
cr-g	11.5549	6785	0	444/482	444/482 D		84-dykrep
468	**$C_{10}H_{20}N_2S_4Zn$**		***Bis*(diethyldithio-carbamate)zinc**				**14324-55-1**
cr-g	14.3899	7477	0	401/444	398/450 D		84-dykrep
469	**$C_{10}H_{22}S$**		**1-Decanethiol**				**143-10-2**
l-g	6.123	1713.6	–96.15	390/544	380/554 C	512.35/101.325	61-trchc
470	**$C_{10}H_{22}S$**		**2-Decanethiol**				**13402-60-3**
l-g	5.8949	1544.	–104.45	380/534	375/542 C	501.45/101.325	66-trchc
471	**$C_{10}H_{22}S$**		**Dipentyl sulfide**				**872-10-6**
l-g	2.70351	320.709	–247.682	346/365	350/368 D	366.31/1	62-macmay-2
472	**$C_{10}H_{22}S$**		**Isopentyl sulfide**				**544-02-5**
l-g	9.06893	3478.727	26.606	340/365	338/367 D	356.98/1	62-macmay-2

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
473	**$C_{10}H_{22}S_2$**		**1,10-Decanedithiol**				**1191-67-9**
l-g	5.72388	1506.953	–164.989	434/570	431/572 C	570.28/101.325	43-halrei Note 13
474	**$C_{10}H_{22}S_2$**		**6,7-Dithiadodecane**				**112-51-6**
l-g	6.083	1756.	–106.35	410/571	400/581 C	536.95/101.325	64-trchc
475	**$C_{10}H_{24}NO_3PS$**		***O,O*-Diethyl *S*-[2-(diethylamino)ethyl]-thiophosphate**				**78-53-5**
l-g	11.5199	4934.9	0	358/407	348/417 C		79-dykrep
476	**$C_{11}H_{24}S$**		**1-Undecanethiol**				**5332-52-5**
l-g	6.1371	1767.4	–102.75	405/563	395/573 C	530.55/101.325	61-trchc
477	**$C_{11}H_{24}S_2$**		**1,11-Undecanedithiol**				**63476-06-2**
l-g	5.75217	1539.504	–171.064	445/582	443/584 C	581.99/101.325	43-halrei Note 13
478	**$C_{11}H_{26}NO_2PS$**		***O*-Ethyl-*S*-[2-(*N*,*N*-diisopropylamino)ethyl]methylthio-phosphona**				**50782-69-9**
l-g	13.166	5275.13	0	280/315	280/315 D		84-dykrep
479	**$C_{12}H_8Cl_2O_2S$**		**4,4'-Dichlorodiphenyl sulfone**				**80-07-9**
l-g	7.32904	4026.924	65.183	463/573	461/575 D	571.08/10	79-mizdan
480	**$C_{12}H_8S$**		**Dibenzothiophene**				**132-65-0**
cr-g	11.43785	4811.855	0	303/366	303/366 D	340.38/0.002	81-edwpra, 85-haneck Note 24
l-g	6.21697	2337.703	–67.544	373/424	373/424 D	391.46/0.1	81-edwpra, 82-sivkob
l-g	7.56804	3400.113	5.890	424/608	424/608 B	605.39/101.325	82-sivkob
481	**$C_{12}H_8S_2$**		**Thianthrene**				**92-85-3**
cr-g	10.37546	4458.949	–27.837	358/427	358/427 D	388.14/ 0.01	81-edwpra Note 25
l-g	4.63980	1356.062	–175.867	429/460	429/460 C	438.53/0.3	81-edwpra, 83-sivkob
l-g	8.21095	4144.660	36.736	460/593	460/593 B	515.00/5	83-sivkob
482	**$C_{12}H_9NS$**		**Phenothiazine**				**92-84-2**
cr-g	8.39	4490	0	336/395	326/405 D		79-dykrep
483	**$C_{12}H_{10}S$**		**Diphenyl sulfide**				**139-66-2**
l-g	6.81917	2529.144	-40.442	369/566	368/570 C	565.87/101.325	47-stu
484	**$C_{12}H_{10}S_2$**		**Diphenyl disulfide**				**882-33-7**
l-g	8.74541	4015.588	12.723	405/583	403/585 C	583.09/101.325	47-stu
485	**$C_{12}H_{21}N_2O_3PS$**		***O,O*-Diethyl *O*-(2-isopropyl-6-methyl-4-pyrimidinyl)thio-phosphate**				**333-41-5**
l-g	10.6266	4566	0	293/398	293/398 D		79-dykrep
486	**$C_{12}H_{22}O_4S$**		**Thiodiglycolic acid, dibutyl ester**				**4121-12-4**
l-g	8.505	3955	0	298/383	295/385 D	376.49/0.01	62-hoflan Note 2
487	**$C_{12}H_{26}S$**		**1-Dodecanethiol**				**112-55-0**
l-g	6.1493	1817.8	–109.05	420/581	410/591 C	547.75/101.325	61-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
488	**$C_{12}H_{26}S_2$**		**7,8-Dithiatetradecane**				**10496-15-8**
l-g	6.0881	1824.9	–119.65	435/601	425/611 B	566.65/101.325	64-trchc
489	**$C_{12}H_{26}S_2$**		**1,12-Dodecanedithiol**				**33528-63-1**
l-g	5.81436	1588.082	–175.519	455/592	453/594 C	592.49/101.325	43-halrei Note 13
490	**$C_{13}H_{28}S$**		**1-Tridecanethiol**				**19484-26-5**
l-g	6.1619	1864.9	–115.25	433/598	428/605 C	563.95/101.325	61-trchc
491	**$C_{13}H_{36}CuN_2S_4$**		***Bis*(diisobutyldithio-carbamate)copper**				**51205-55-1**
l-g	8.6429	5317	0	425/445	425/445 D		84-dykrep
492	**$C_{14}H_{28}CuN_2S_4$**		***Bis*(diisopropyldithio-carbamate)copper**				**14354-08-6**
cr-g	11.4039	6767	0	440/465	440/465 D		84-dykrep
493	**$C_{14}H_{28}CuN_2S_4$**		***Bis*(dipropyldithio-carbamate)copper**				**14354-07-5**
l-g	10.6069	6187	0	422/453	419/454 D		84-dykrep
494	**$C_{14}H_{28}N_2NiS_4$**		***Bis*(diisopropyldithio-carbamate)nickel**				**15694-55-0**
cr-g	12.2279	7492	0	442/477	442/477 D		84-dykrep
495	**$C_{14}H_{28}N_2NiS_4$**		***Bis*(dipropyldithio-carbamate)nickel complex**				**14516-30-4**
l-g	11.2159	6586	0	433/462	433/462 D		84-dykrep
496	**$C_{14}H_{30}S$**		**1-Tetradecanethiol**				**2079-95-0**
l-g	6.1734	1909.2	–121.25	446/614	438/622 C	579.35/101.325	61-trchc
497	**$C_{14}H_{30}S_2$**		**8,9-Dithiahexadecane**				**10496-16-9**
l-g	6.0851	1878.6	–133.35	458/630	448/640 B	593.85/101.325	64-trchc
498	**$C_{15}H_{14}Cl_3O_2PS$**		***O,O'-Bis*(2-chloro-4-methylphenyl)-(chloromethyl)thio-phosphonate**				**57875-65-7**
l-g	9.6606	4867	0	343/365	343/365 D		84-dykrep
499	**$C_{15}H_{32}S$**		**1-Pentadecanethiol**				**25276-70-4**
l-g	6.1861	1951	–127.15	459/629	455/634 C	593.85/101.325	61-trchc
500	**$C_{16}H_{12}S_2$**		**3,6-Diphenyl-1,2-dithiine**				**16212-85-4**
cr-g	20.645	9113	0	<415	<415 D	385.41/0.001	73-geisaw
501	**$C_{16}H_{34}S$**		**1-Hexadecanethiol**				**2917-26-2**
l-g	6.2	1990.	–133.15	470/643	463/651 D	607.15/101.325	61-trchc
502	**$C_{16}H_{34}S_2$**		**9,10-Dithiaoctadecane**				**822-27-5**
l-g	6.0828	1935.6	–144.15	479/656	469/666 B	619.15/101.325	64-trchc
503	**$C_{17}H_{16}OS$**		**Tetrahydro-2,6-diphenyl-4H-thiopyran-4-one**				**37014-01-0**
cr-g	15.175	7104.7	0	<386.7	<386.7 D	376.43/0.0002	72-geisaw Note 18
504	**$C_{17}H_{36}S$**		**1-Heptadecanethiol**				**53193-22-9**
l-g	6.206	2027.	–138.15	481/657	480/660 C	621.15/101.325	61-trchc
505	**$C_{18}H_{10}Cl_2O_2S_2$**		**MDW, C.I. Vat Violet 2, Mikethren Red Violet RH**				**5462-29-3**
cr-g	6.065	4856.9	0	519/634	519/634 C	565.55/0.003	86-nisand Note 10
506	**$C_{18}H_{36}CuN_2S_4$**		***Bis*(dibutyldithio-carbamate)copper**				**13927-71-4**
l-g	10.3949	6360	0	423/468	423/468 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
507	**$C_{18}H_{36}N_2NiS_4$**		***Bis*(dibutyldithio-carbamate)nickel**				**13927-77-0**
l-g	11.8599	7134	0	438/562	438/562 D		84-dykrep
508	**$C_{18}H_{36}N_2NiS_4$**		***Bis*(diisobutyldithio-carbamate)nickel**				**28371-07-5**
cr-g	14.3429	7945	0	423/443	419/449 D		84-dykrep
l-g	11.0659	6476	0	453/473	449/479 D		84-dykrep
509	**$C_{18}H_{38}S$**		**1-Octadecanethiol**				**2885-00-9**
l-g	6.221	2061.	–144.15	492/670	484/678 C	633.15/101.325	61-trchc
510	**$C_{18}H_{38}S_2$**		**10,11-Dithiaeicosane**				**4485-77-2**
l-g	6.0854	1981.5	–156.15	499/680	491/690 C	642.15/101.325	64-trchc
511	**$C_{19}H_{40}S$**		**1-Nonadecanethiol**				**53193-23-0**
l-g	6.23	2094.	–149.15	502/682	500/686 C	645.15/101.325	61-trchc
512	**$C_{20}H_{42}S$**		**1-Icosanethiol**				**13373-97-2**
l-g	6.239	2125.	–154.15	512/694	506/700 C	656.15/101.325	61-trchc
513	**$C_{20}H_{42}S_2$**		**11,12-Dithiadocosane**				**10496-18-1**
l-g	6.0969	2019.	–170.05	518/702	511/710 C	663.15/101.325	64-trchc
514	**$C_{21}H_{44}S$**		**1-Henicosanethiol**				**66326-17-8**
l-g	6.5025	3146	–271.15	641/971	641/971 D		72-trchc
515	**$C_{22}H_{17}NO_3S$**		**2-(3-Methoxypropyl)-1H-xanthenol[2,1,9-def]isoquinoline-1,3(2H)-dione**				**36245-88-2**
cr-g	9.525	5840	0	605/647	595/647 D		84-dykrep
cr-g	12.725	7880	0	647/685	647/695 D		84-dykrep
516	**$C_{22}H_{44}CuN_2S_4$**		***Bis*[*bis*(3-methylbutyl)dithio-carbamate]copper**				**69090-74-0**
cr-g	13.2009	7785	0	427/458	427/458 D		84-dykrep
517	**$C_{22}H_{44}N_2NiS_4$**		***Bis*[*bis*(3-methylbutyl)dithio-carbamate]nickel**				**55935-69-8**
l-g	14.9709	8590	0	429/468	429/468 D		84-dykrep
518	**$C_{22}H_{46}S$**		**1-Docosanethiol**				**7773-83-3**
l-g	6.7416	2510.1	–150.05	437/680	437/680 C		72-trchc
519	**$C_{23}H_{48}S$**		**1-Tricosanethiol**				**66375-01-7**
l-g	6.7427	2541.7	–153.75	444/690	444/690 D		72-trchc
520	**$C_{24}H_{50}S$**		**1-Tetracosanethiol**				**16331-24-1**
l-g	6.7443	2572.3	–157.25	451/700	448/707 C		72-trchc
521	**$C_{25}H_{52}S$**		**1-Pentacosanethiol**				**66359-74-8**
l-g	6.7462	2601.8	–160.65	458/709	458/709 D		72-trchc
522	**$C_{26}H_{54}S$**		**1-Hexacosanethiol**				**16331-25-2**
l-g	6.7483	2630.7	–163.95	465/718	460/725 C		72-trchc
523	**$C_{27}H_{56}S$**		**1-Heptacosanethiol**				**66291-85-8**
l-g	6.7506	2657.7	–167.15	471/727	467/732 C		72-trchc
524	**$C_{28}H_{58}S$**		**1-Octacosanethiol**				**16331-26-3**
l-g	6.7529	2684.2	–170.25	477/736	470/741 C		72-trchc
525	**$C_{29}H_{60}S$**		**1-Nonacosanethiol**				**66213-92-1**
l-g	6.7553	2709.8	–173.25	483/744	483/744 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
526	**$C_{30}H_{62}S$**		**1-Triacontanethiol**				**66213-99-8**
l-g	6.7575	2734.4	–176.15	488/751	488/751 D		72-trchc
527	**$C_{31}H_{64}S$**		**1-Hentriacontanethiol**				**5340-24-9**
l-g	6.7597	2758.1	–179.05	494/759	494/759 D		72-trchc
528	**$C_{32}H_{66}S$**		**1-Dotriacontanethiol**				**66256-05-1**
l-g	6.7617	2781	–181.75	499/766	499/766 D		72-trchc
529	**$C_{33}H_{68}S$**		**1-Tritriacontanethiol**				**66214-20-8**
l-g	6.7636	2803	–184.35	504/773	504/773 D		72-trchc
530	**$C_{34}H_{70}S$**		**1-Tetratriacontanethiol**				**66214-28-6**
l-g	6.7653	2824.2	–186.95	509/780	502/788 C		72-trchc
531	**$C_{35}H_{72}S$**		**1-Pentatriacontanethiol**				**66576-86-1**
l-g	6.7668	2844.6	–189.45	514/787	514/787 D		72-trchc
532	**$C_{36}H_{74}S$**		**1-Hexatriacontanethiol**				**66577-23-9**
l-g	6.768	2864.2	–191.95	518/793	518/793 D		72-trchc
533	**$C_{37}H_{76}S$**		**1-Heptatriacontanethiol**				**66577-07-9**
l-g	6.7691	2883.1	–194.25	523/799	523/799 D		72-trchc
534	**$C_{38}H_{78}S$**		**1-Octatriacontanethiol**				**66576-93-0**
l-g	6.7699	2901.2	–196.55	527/805	527/805 D		72-trchc
535	**$C_{39}H_{80}S$**		**1-Nonatriacontanethiol**				**66576-60-1**
l-g	6.7704	2918.6	–198.75	531/811	531/811 D		72-trchc
536	**$C_{40}H_{82}S$**		**1-Tetracontanethiol**				**66576-49-6**
l-g	6.7707	2935.3	–200.95	535/817	535/817 D		72-trchc
537	**$C_{41}H_{84}S$**		**1-Hentetracontanethiol**				**66576-39-4**
l-g	6.7707	2951.4	–203.05	539/822	539/822 D		72-trchc
538	**$C_{42}H_{86}S$**		**1-Dotetracontanethiol**				**66576-41-8**
l-g	6.7705	2966.8	–205.15	543/828	543/828 D		72-trchc
539	**$C_{43}H_{88}S$**		**1-Tritetracontanethiol**				**66576-78-1**
l-g	6.7701	2981.6	–207.15	547/833	547/833 D		72-trchc
540	**$C_{44}H_{90}S$**		**1-Tetratetracontanethiol**				**66576-83-8**
l-g	6.7694	2995.8	–209.05	551/838	551/838 D		72-trchc
541	**$C_{45}H_{92}S$**		**1-Pentatetracontanethiol**				**66576-65-6**
l-g	6.7684	3009.4	–210.95	554/843	554/843 D		72-trchc
542	**$C_{46}H_{94}S$**		**1-Hexatetracontanethiol**				**66564-11-2**
l-g	6.7672	3022.4	–212.75	557/847	557/847 D		72-trchc
543	**$C_{47}H_{96}S$**		**1-Heptatetracontanethiol**				**66576-03-2**
l-g	6.7658	3034.8	–214.55	561/852	561/852 D		72-trchc
544	**$C_{48}H_{98}S$**		**1-Octatetracontanethiol**				**66576-08-7**
l-g	6.7642	3046.8	–216.35	564/856	564/856 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
545	**$C_{49}H_{100}S$**		**1-Nonatetracontanethiol**				**66576-13-4**
l-g	6.7623	3058.2	–218.05	567/861	567/861 D		72-trchc
546	**$C_{50}H_{102}S$**		**1-Pentacontanethiol**				**66576-17-8**
l-g	6.7605	3069.1	–219.65	570/865	570/865 D		72-trchc
547	**$C_{51}H_{104}S$**		**1-Henpentacontanethiol**				**66575-82-4**
l-g	6.7579	3079.5	–221.35	573/869	573/869 D		72-trchc
548	**$C_{52}H_{106}S$**		**1-Dopentacontanethiol**				**66575-88-0**
l-g	6.7554	3086.4	–222.85	575/873	575/873 D		72-trchc
549	**$C_{53}H_{108}S$**		**1-Tripentacontanethiol**				**66575-91-5**
l-g	6.7526	3099	–224.45	578/877	578/877 D		72-trchc
550	**$C_{54}H_{110}S$**		**1-Tetrapenta-contanethiol**				**66575-96-0**
l-g	6.7497	3108	–225.95	581/881	581/881 D		72-trchc
551	**$C_{55}H_{112}S$**		**1-Pentapenta-contanethiol**				**66575-61-9**
l-g	6.7466	3116.7	–227.35	584/885	584/885 D		72-trchc
552	**$C_{56}H_{114}S$**		**1-Hexapenta-contanethiol**				**66575-66-4**
l-g	6.7434	3124.9	–228.85	586/888	586/888 D		72-trchc
553	**$C_{57}H_{116}S$**		**1-Heptapenta-contanethiol**				**66575-71-1**
l-g	6.7399	3132.7	–230.25	589/892	589/892 D		72-trchc
554	**$C_{58}H_{118}S$**		**1-Octapentacontanethiol**				**66575-77-7**
l-g	6.7363	3140.2	–231.55	591/895	591/895 D		72-trchc
555	**$C_{59}H_{120}S$**		**1-Nonapenta-contanethiol**				**66575-50-6**
l-g	6.7325	3147.3	–232.85	593/899	593/899 D		72-trchc
556	**$C_{60}H_{122}S$**		**1-Hexacontanethiol**				**66575-55-1**
l-g	6.7286	3154	–234.15	595/902	595/902 D		72-trchc
557	**$C_{61}H_{124}S$**		**1-Henhexacontanethiol**				**66563-54-0**
l-g	6.7245	3160.4	–235.15	597/905	597/905 D		72-trchc
558	**$C_{62}H_{126}S$**		**1-Dohexacontanethiol**				**66563-59-5**
l-g	6.7203	3166.4	–236.15	599/908	599/908 D		72-trchc
559	**$C_{63}H_{128}S$**		**1-Trihexacontanethiol**				**66563-64-2**
l-g	6.716	3172.2	–238.15	602/911	602/911 D		72-trchc
560	**$C_{64}H_{130}S$**		**1-Tetrahexacontanethiol**				**66563-38-0**
l-g	6.7115	3177.6	–239.15	604/914	604/914 D		72-trchc
561	**$C_{65}H_{132}S$**		**1-Pentahexacontanethiol**				**66563-43-7**
l-g	6.7069	3182.7	–240.15	606/917	606/917 D		72-trchc
562	**$C_{66}H_{134}S$**		**1-Hexahexacontanethiol**				**66563-48-2**
l-g	6.7022	3187.5	–241.15	607/920	607/920 D		72-trchc
563	**$C_{67}H_{136}S$**		**1-Heptahexa-contanethiol**				**66563-76-6**
l-g	6.6974	3192.1	–242.15	609/922	609/922 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
564	**$C_{68}H_{138}S$**		**1-Octahexacontanethiol**				**66563-81-3**
l-g	6.6925	3196.4	–243.15	611/925	611/925 D		72-trchc
565	**$C_{69}H_{140}S$**		**1-Nonahexacontanethiol**				**66577-83-1**
l-g	6.6874	3200.4	–244.15	612/928	612/928 D		72-trchc
566	**$C_{70}H_{142}S$**		**1-Heptacontanethiol**				**66577-88-6**
l-g	6.6823	3204.2	–245.15	614/930	614/930 D		72-trchc
567	**$C_{71}H_{144}S$**		**1-Henheptacontanethiol**				**66577-93-3**
l-g	6.6771	3207.7	–246.15	616/933	616/933 D		72-trchc
568	**$C_{72}H_{146}S$**		**1-Doheptacontanethiol**				**66577-98-8**
l-g	6.6719	3211	–247.15	617/935	617/935 D		72-trchc
569	**$C_{73}H_{148}S$**		**1-Triheptacontanethiol**				**66577-64-8**
l-g	6.6665	3214.1	–248.15	619/938	619/938 D		72-trchc
570	**$C_{74}H_{150}S$**		**1-Tetrahepta-contanethiol**				**66577-69-3**
l-g	6.6611	3217	–249.15	620/940	620/940 D		72-trchc
571	**$C_{75}H_{152}S$**		**1-Pentahepta-contanethiol**				**66577-74-0**
l-g	6.6556	3219.7	–250.15	622/942	622/942 D		72-trchc
572	**$C_{76}H_{154}S$**		**1-Hexahepta-contanethiol**				**66577-79-5**
l-g	6.65	3222.1	–251.15	623/945	623/945 D		72-trchc
573	**$C_{77}H_{156}S$**		**1-Heptahepta-contanethiol**				**66575-57-3**
l-g	6.6444	3224.4	–252.15	625/947	625/947 D		72-trchc
574	**$C_{78}H_{158}S$**		**1-Octaheptacontanethiol**				**66375-13-1**
l-g	6.6388	3226.5	–253.15	626/949	626/949 D		72-trchc
575	**$C_{79}H_{160}S$**		**1-Nonahepta-contanethiol**				**66327-38-6**
l-g	6.633	3228.4	–254.15	628/952	628/952 D		72-trchc
576	**$C_{80}H_{162}S$**		**1-Octacontanethiol**				**66327-43-3**
l-g	6.6273	3230.1	–255.15	629/954	629/954 D		72-trchc
577	**$C_{81}H_{164}S$**		**1-Henoctacontanethiol**				**66327-48-8**
l-g	6.6215	3232	–255.15	630/955	630/955 D		72-trchc
578	**$C_{82}H_{166}S$**		**1-Dooctacontanethiol**				**66327-11-5**
l-g	6.6156	3233	–256.15	631/957	621/957 D		72-trchc
579	**$C_{83}H_{168}S$**		**1-Trioctacontanethiol**				**66327-16-0**
l-g	6.6098	3234	–257.15	633/959	633/959 D		72-trchc
580	**$C_{84}H_{170}S$**		**1-Tetraoctacontanethiol**				**66327-21-7**
l-g	6.6039	3235	–258.15	634/962	634/962 D		72-trchc
581	**$C_{85}H_{172}S$**		**1-Pentaoctacontanethiol**				**66327-26-2**
l-g	6.5979	3236	–258.15	634/963	634/963 D		72-trchc

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
582	**$C_{86}H_{174}S$**		**1-Hexaoctacontanethiol**				**66326-89-4**
l-g	6.592	3237	–259.15	636/965	636/965 D		72-trchc
583	**$C_{87}H_{176}S$**		**1-Heptaoctacontanethiol**				**66326-94-1**
l-g	6.586	3238	–260.15	637/967	637/967 D		72-trchc
584	**$C_{88}H_{178}S$**		**1-Octaoctacontanethiol**				**66326-99-6**
l-g	6.58	3239	–261.15	639/969	639/969 D		72-trchc
585	**$C_{89}H_{180}S$**		**1-Nonaoctacontanethiol**				**66327-04-6**
l-g	6.574	3239	–261.15	639/970	639/970 D		72-trchc

3.3 Selenium and Tellurium Containing Organic Compounds, C_1 to C_{12}

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1	**D_2Se**		**Hydrogen selenide-D2**				**13536-95-3**
l-g	6.0909	787.67	–38.15	202/246	192/256 B		59-trcnh
2	**F_2OSe**		**Seleninyl difluoride**				**7783-43-9**
l-g	6.545	1380	–95.15	316/420	310/426 C	399.15/101.325	59-trcnh
3	**F_4Se**		**Selenium tetrafluoride**				**13465-66-2**
l-g	7.0136	1603	–58.15	297/398	297/398 D	378.15/101.325	59-trcnh
4	**F_6Se**		**Selenium hexafluoride**				**7783-79-1**
cr-g	7.5103	1121.4	–23.15	179/238	175/245 C	226.85/101.325	59-trcnh
5	**H_2Se**		**Hydrogen selenide**				**7783-07-5**
cr-g	6.7603	927.6	–33.15	177/205	175/207.4 C	231.15/101.325	59-trcnh
6	**Se**		**Selenium**				**7782-49-2**
l-g	6.7565	4213	–71.15	724/1017	720/1025 C		59-trcnh
7	**Cl_2OSe**		**Seleninyl dichloride**				**7791-23-3**
l-g	5.3822	970.87	–161.15	352/476	346/484 C	448.65/101.325	59-trcnh
8	**Cl_4Se**		**Selenium tetrachloride**				**10026-03-6**
cr-g	9.3758	3068.8	–48.15	386/482	380/490 C	464.55/101.325	59-trcnh
9	**COSe**		**Carbonyl selenide**				**1603-84-5**
l-g	6.67195	1190.239	3.579	221/252	220/254 B	251.49/101.325	48-gleris
10	**CSe_2**		**Carbon diselenide**				**506-80-9**
cr-g	8.92273	2420.164	0	219/230	219/230 B	221.57/0.01	66-gatdra Note 14
l-g	5.90634	1423.744	–40.394	230/290	230/290 B	255.94/0.2	66-gatdra
l-g	5.49711	1226.782	–58.302	290/337	290/337 A	313.98/5	66-gatdra
11	**CSSe**		**Carbonyl selenide sulfide**				**5951-19-9**
l-g	5.98054	1257.997	-42.357	226/359	224/361 B	358.85/101.325	47-stu
12	**C_2BrF_5Se**		**(Pentafluoroethane) selenyl bromide**				**6123-59-7**
l-g	7.385	1800	0	242/293	242/293 D	281.91/10	65-welreg Note 11
13	**C_2ClF_5Se**		**(Pentafluoroethane) selenyl chloride**				**6123-50-8**
l-g	6.905	1580	0	215/289	215/289 C	267.57/10	65-welreg Note 10
14	**$C_2H_3F_3Se$**		**Methyl(trifluoro-methyl) selenide**				**1544-45-2**
l-g	6.785	1448	0	209/294	209/295 C	213.41/1	63-emewel Note 10
15	**C_2H_6Se**		**Dimethyl selenide**				**593-79-3**
l-g	5.42474	1315.980	–25.899	280/318	280/320 C	304.37/5	56-grasto, 75-baegub-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
16	**C_3BrF_7Se**		**Heptafluoro-1-propane selenyl bromide**				**662-44-2**
l-g	6.977	1829	0	251/298	250/305 C	262.15/1	63-emewel Note 10
17	**C_3ClF_7Se**		**Heptafluoro-1-propane selenyl chloride**				**662-46-4**
l-g	7.005	1742	0	223/289	220/293 C	248.68/1	63-emewel Note 10
18	**$C_3H_2F_6Se_2$**		***Bis*[(trifluoromethyl)-seleno] methane**				**691-25-8**
l-g	6.8709	1850	0	273/359	272/382 C	380.25/101.325	63-emewel Note 10
19	**$C_3H_3F_5Se$**		**Methyl pentafluoroethyl selenide**				**6123-56-4**
l-g	7.235	1666	0	234/286	234/286 C	267.20/10	65-welreg Note 10
20	**$C_3H_3F_7SeSi$**		**(Heptafluoropropyl)-selenyl silane**				**1647-59-2**
l-g	6.9579	1729	0	233/293	233/293 D	266.79/3	62-ebseme Note 11
21	**$C_3H_4F_5NSe$**		**(Pentafluoroethyl)-seleno methylamine**				**6123-53-1**
l-g	6.945	1765	0	243/318	243/318 C	296.89/10	65-welreg Note 10
22	**C_3H_5FOSe**		**Fluoroselenoacetic acid, *Se*-methyl ester**				**367-52-2**
l-g	8.1619	2420.0	0	273/333	273/335 C	296.50/1	48-redcha-1 Note 2
23	**$C_3H_5F_3Se$**		**Ethyl(trifluoromethyl) selenide**				**690-25-5**
l-g	7.015	1650	0	223/254	220/260 C	235.21/1	63-emewel Note 10
24	**$C_4F_{10}Se$**		***Bis*(pentafluoroethyl) selenide**				**6123-61-1**
l-g	7.185	1650	0	232/295	230/300 C	266.77/10	65-welreg Note 10
25	**$C_4F_{10}Se_2$**		***Bis*(pentafluoroethyl) diselenide**				**6123-49-5**
l-g	7.775	2090	0	272/318	270/323 C	308.49/10	65-welreg Note 10
26	**$C_4HF_{10}NSe_2$**		***Bis*[(pentafluoroethyl)seleno] amine**				**6123-55-3**
l-g	6.825	2000	0	270/322	270/322 D	300.80/1.5	65-welreg Note 11
27	**$C_4H_3F_7Se$**		**Methyl(heptafluoro-propyl) selenide**				**662-45-3**
l-g	7.075	1608	0	232/324	232/330 D	264.69/10	63-emewel Note 11
28	**C_4H_4Se**		**Selenophene**				**288-05-1**
l-g	8.21410	2423.766	18.235	243/300	241/305 C	304.28/5	51-milpao
cr-g	6.45344	1443.322	–50.895	209/241	208/241 C	221.63/0.01	51-milpao
cr-g	54.21632	27336.877	0	194/207	193/208 D	196.42/0.0001	51-milpao
29	**$C_4H_5F_5Se$**		**Ethyl(pentafluoro-ethyl) selenide**				**6123-57-5**
l-g	7.335	1815	0	241/311	240/315 C	286.50/10	65-welreg Note 10

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
30	**$C_4H_6F_5NSe$**		**1,1,2,2,2-Pentafluoro-*N*,*N*-dimethylethane selenamide**				**6123-52-0**
l-g	7.195	1820	0	256/320	256/320 C	293.79/10	65-welreg Note 10
31	**C_4H_8OSe**		**1,4-Oxaselenane**				**5368-46-7**
l-g	5.01274	903.534	–143.329	352/429	350.432 C	415.99/50	33-joh
32	**$C_4H_{10}Se$**		**Diethyl selenide**				**627-53-2**
l-g	6.73740	1666.838	–26.653	243/381	242/385 D	378.92/101.325	76-baegub, 47-stu
33	**$C_5H_3F_{10}NSe_2$**		***N*,*N*-*Bis*[(pentafluoroethyl)seleno]methylamine**				**6123-54-2**
l-g	6.965	2000	0	282/324	282/324 C	300.12/2	65-welreg Note 10
34	**$C_5H_5F_7Se$**		**Ethyl(heptafluoro-propyl) selenide**				**755-44-2**
l-g	7.1319	1880	0	243/333	240/335 C	306.59/10	63-emewel Note 10
35	**$C_6F_{14}Se$**		***Bis*(heptafluoro-propyl) selenide**				**755-81-7**
l-g	6.835	1803	0	228/343	228/345 C	309.00/10	63-emewel Note 10
36	**$C_6F_{14}Se_2$**		***Bis*(heptafluoro-propyl)diselenide**				**755-51-1**
l-g	6.6609	1967	0	260/348	260/350 C	347.47/10	63-emewel Note 10
37	**C_6H_6Se**		**Benzene selenol**				**645-96-5**
l-g	7.185	2370	0	331/458	330/460 D	457.59/101.325	67-mantro Note 2
38	**C_7H_8Se**		**Methyl phenyl selenide**				**4346-64-9**
l-g	7.875	2740	0	273/291	271/293 C	277.47/0.01	67-mantro Note 12
39	**$C_8H_6N_2Se$**		**4-Phenyl-1,2,3-selenadiazole**				**25660-64-4**
cr-g	11.4698	4735.6	0	327/345	323/351 D		79-dykrep
40	**$C_8H_6N_2Se$**		**Carbonyl *bis*(imidosulfuryl fluoride)**				**25523-80-2**
l-g	7.5069	2159	0	316/331	316/331 D		79-dykrep
41	**$C_{12}H_{10}Se$**		**Diphenyl selenide**				**1132-39-4**
l-g	6.89668	2588.462	–45.628	379/575	377/578 C	574.86/101.325	47-stu
42	**C_2H_6Te**		**Dimethyl telluride**				**593-80-6**
l-g	6.71518	1688.820	–9.690	298/367	296/368 D	368.29/101.325	76-baegub, 74-efrfed
43	**$C_4H_{10}Te$**		**Diethyl telluride**				**627-54-3**
l-g	6.42026	2161.276	–1.503	295/411	298/415 C	400.24/10	76-kozsal, 76-orlosi
44	**$C_6H_{14}Te$**		**Diisopropyltelluride**				**51112-72-2**
cr-g	7.448	2323	0	263/298	263/298 C	274.98/o.1	84-kuhmom Note 2

4 Tabulated Data on Vapor Pressure of Halogen Containing Organic Compounds

4.1 Halogen Containing Organic Compounds, C_1 (and Some Halogen Containing Inorganic Compounds)

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1	**$BrClFOP$**		**Phosphoryl bromide chloride fluoride**				**14518-81-1**
l-g	6.039	1214	–51.15	263/376	263/376 D	352.15/101.325	60-trcnh
2	**$BrCl_2OP$**		**Phosphoryl bromide dichloride**				**13455-03-3**
l-g	6.049	1411	–60.15	305/436	305/436 D	409.15/101.325	60-trcnh
3	**BrD**		**Hydrogen bromide-D**				**13536-59-9**
cr-g	6.62583	820.68	–25.85	156/185	146/185.7 B	206.65/101.325	74-trcnh
l-g	5.28728	505.68	–52.55	185/222	185.7/232 B		74-trcnh
4	**BrF_2OP**		**Phosphoryl bromide difluoride**				**14014-18-7**
l-g	6.2268	1118.9	–40.15	229/325	223/332 C	305.05/101.325	60-trcnh
5	**BrF_2P**		**Phosphorus bromide difluoride**				**15597-40-7**
l-g	6.0291	885.12	–37.15	192/274	182/284 B	257.05/101.325	60-trcnh
6	**BrF_3**		**Bromine trifluoride**				**7787-71-5**
l-g	6.85464	1673.95	–53.67	309/421	299/431 B	398.89/101.325	74-trcnh
7	**BrF_5**		**Bromine pentafluoride**				**7789-30-2**
l-g	6.39858	1219.28	–36.75	237/334	227/344 B	314.35/101.325	74-trcnh
8	**$BrFO_2S$**		**Sulfuryl bromide fluoride**				**13536-61-3**
l-g	6.2677	1155	–42.15	236/333	228/341 C		59-trcnh
9	**$BrFO_3$**		**Perbromyl fluoride**				**25251-03-0**
l-g	6.56141	1195.8	–13.05	204/294	198/302 C	275.55/101.325	74-trcnh
10	**BrH**		**Hydrogen bromide**				**10035-10-6**
cr-g	6.79251	878.57	–19.95	155/185	145/186.3 B	206.45/101.325	74-trcnh
l-g	5.41243	540.82	–47.71	185/221	186.3/231 B		74-trcnh
11	**BrH_4N**		**Ammonium bromide**				**12124-97-9**
cr-g	8.3449	3947	–46.15	537/699	530/706 C	668.75/101.325	90-trcnh
12	**Br_2**		**Bromine**				**7726-95-6**
cr-g	8.8458	2041.3	–13.05	168/264	165/265.9 C	331.9/101.325	74-trcnh
l-g	6.0027	1119.68	–51.77	266/354	265.9/364 B		74-trcnh
13	**Br_2FP**		**Phosphorus dibromide fluoride**				**15597-39-4**
l-g	5.9829	1210.3	–47.15	260/376	255/383 C	351.45/101.325	60-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
14	**Br_2OS**		**Thionyl bromide**				**507-16-4**
l-g	6.181	1445	–67.15	313/439	303/449 C		59-trcnh
15	**Br_2S_2**		**Disulfur dibromide**				**13172-31-1**
l-g	6.302	1660	–88.15	365/503	359/510 C		59-trcnh
16	**Br_3P**		**Phosphorus tribromide**				**7789-60-8**
l-g	6.0404	1590.5	–52.15	329/477	323/485 C	446.35/101.325	60-trcnh
17	**Br_5P**		**Pentabromo-phosphorane**				**7789-69-7**
cr-g	9.0526	2492	–29.15	314/382	310/376.8 C		60-trcnh
l-g	6.073	1320	–59.15	379/409	376.8/415 C		60-trcnh
18	**Cl_2**		**Chlorine, diatomic**				**7782-50-5**
cr-g	8.83002	1444.19	–6.017	116/171	110/172.2 C	239.12/101.325	73-trcnh
l-g	6.0628	861.34	–26.819	176/256	172.2/266 B		73-trcnh
19	**Cl_2FOP**		**Phosphoryl dichloride fluoride**				**13769-76-1**
l-g	6.20955	1201.86	–40.15	243/348	233/358 B	326.05/101.325	60-trcnh
20	**Cl_2FP**		**Phosphorus dichloride fluoride**				**15597-63-4**
l-g	5.92146	982.332	–36.15	211/307	201/317 B	287.02/101.325	60-trcnh
21	**Cl_2O**		**Dichlorine oxide**				**7791-21-1**
l-g	6.25758	1021.56	–34.99	206/293	196/303 B	275.25/101.325	73-trcnh
22	**Cl_2OS**		**Thionyl chloride**				**7719-09-7**
l-g	6.41235	1446.7	–20.45	257/372	247/382 C		59-trcnh
23	**Cl_2OSe**		**Seleninyl dichloride**				**7791-23-3**
l-g	5.3822	970.87	–161.15	352/476	346/484 C	448.65/101.325	59-trcnh
24	**Cl_2O_2S**		**Sulfuryl chloride**				**7791-25-5**
l-g	6.1266	1209	–49.15	257/365	251/372 C		59-trcnh
25	**Cl_2O_4**		**Dichlorine tetroxide**				**27218-16-2**
l-g	6.66357	1404.18	–16.15	237/338	229/348 B	317.55/101.325	73-trcnh
26	**$Cl_2O_5S_2$**		**Pyrosulfuryl dichloride**				**7791-27-7**
l-g	6.144	1460	–71.15	325/450	321/451 D		59-trcnh
27	**Cl_2O_6**		**Chlorine trioxide**				**12442-63-6**
l-g	4.9429	1400.96	–50.61	202/344	192/354 B		73-trcnh
28	**Cl_2O_7**		**Dichlorine heptoxide**				**12015-53-1**
l-g	5.99419	1214	–52.36	265/381	257/391 C	356.75/101.325	73-trcnh
29	**Cl_2S**		**Sulfur chloride**				**10545-99-0**
l-g	7.579	1594	–46.15	265/348	258/355 C		59-trcnh
30	**Cl_2S_2**		**Disulfur dichloride**				**10025-67-9**
l-g	5.9085	1341	–67.15	306/439	301/446 C		59-trcnh
31	**Cl_3N**		**Nitrogen trichloride**				**10025-85-1**
l-g	6.081	1190	–52.15	258/367	252/375 C	344.15/101.325	59-trcnh
32	**Cl_3P**		**Phosphorus trichloride**				**7719-12-2**
l-g	5.9516	1196	–46.15	258/374	248/384 C	349.25/101.325	60-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
33	**Cl_3PO**		**Phosphoryl trichloride**				**10025-87-3**
l-g	5.9907	1297.2	–53.15	281/405	274.3/412 C	378.65/101.325	60-trcnh
34	**Cl_4Po**		**Polonium tetrachloride**				**10026-02-5**
l-g	6.679	2360	–158.15	568/697	573.2/697 D	663.15/101.325	60-trcnh
35	**Cl_4Se**		**Selenium tetrachloride**				**10026-03-6**
cr-g	9.3758	3068.8	–48.15	386/482	380/490 C	464.55/101.325	59-trcnh
36	**Cl_4Te**		**Tellurium tetrachloride**				**10026-07-0**
l-g	6.6835	2355	–158.15	527/695	527/695 D	661.15/101.325	59-trcnh
37	**Cl_5P**		**Pentachloro-phosphorane**				**10026-13-8**
cr-g	9.3317	2903.1	–36.15	357/434	350/433.2 C	432.45/101.325	60-trcnh
l-g	6.158	1490	–73.15	432/459	433.2/465 C		60-trcnh
38	**ClF**		**Chlorine fluoride**				**7790-89-8**
l-g	6.114	682.1	–17.15	134/196	126/204 C	183.15/101.325	73-trcnh
39	**ClFOS**		**Thionyl chloride fluoride**				**14177-25-4**
l-g	6.298	1100.1	–29.15	212/304	208/310 C		59-trcnh
40	**$ClFO_2$**		**Chloryl fluoride**				**13637-83-7**
l-g	5.80186	809.78	–54.19	201/285	191/295 B	267.51/101.325	73-trcnh
41	**$ClFO_2S$**		**Sulfuryl chloride fluoride**				**13637-84-8**
l-g	5.6464	793.73	–62.45	211/300	201/310 B		59-trcnh
42	**$ClFO_3$**		**Perchloryl fluoride**				**7616-94-6**
l-g	6.02009	791.727	–29.27	168/257	158/267 B	226.49/101.325	73-trcnh
43	**$ClFO_5S_2$**		**Pyrosulfuryl chloride fluoride**				**13637-85-9**
l-g	6.1405	1257.4	–69.15	284/396	278/404 C		59-trcnh
44	**ClF_2OP**		**Phosphoryl chloride difluoride**				**13769-75-0**
l-g	6.0515	946.96	–42.15	207/294	197/304 B	276.25/101.325	60-trcnh
45	**ClF_2P**		**Phosphorus chloride difluoride**				**14335-40-1**
l-g	5.7645	780.88	–18.15	161/244	151/254 B	225.85/101.325	60-trcnh
46	**ClF_3**		**Chlorine trifluoride**				**7790-91-2**
l-g	6.49175	1096.28	–40.52	218/302	208/312 B	284.89/101.325	73-trcnh
47	**ClF_5**		**Chlorine pentafluoride**				**13637-63-3**
l-g	5.39423	653.06	–66.55	195/278	185/288 B	259.25/101.325	73-trcnh
48	**$ClHO_3S$**		**Chlorosulfonic acid**				**7790-94-5**
l-g	6.174	1480	–72.15	324/454	324/454 D		59-trcnh
49	**ClH_4N**		**Ammonium chloride**				**12125-02-9**
cr-g	8.4806	3703.7	–41.15	494/640	486/648 C	613.15/101.325	90-trcnh
50	**ClI**		**Iodine chloride**				**7790-99-0**
cr-g	5.66418	985.2	–105.25	253/285	248/287.0 C	370.95/101.325	76-trcnh
l-g	6.82236	1515.4	–56.35	289/391	287.0/397 C		76-trcnh
51	**ClNO**		**Nitrosyl chloride**				**2696-92-6**
cr-g	7.6657	1397.3	–12.15	202/215	192/213.6 C	267.77/101.325	59-trcnh
l-g	6.48644	1094.73	–23.45	215/285	213.6/293 C		59-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
52	**$ClNO_2$**		**Nitryl chloride**				**13444-90-1**
l-g	4.4972	395.4	–99.15	193/244	186/252 C	257.85/101.325	59-trcnh
53	**ClO_2**		**Chlorine dioxide**				**10049-04-4**
l-g	5.16101	590.09	–97	218/303	213.6/313 B	284.05/101.325	73-trcnh
54	**DCl**		**Hydrogen chloride-D**				**7698-05-7**
cr-g	6.97537	843.32	–14.828	141/155	133/158.5 C	188.43/101.325	73-trcnh
l-g	6.06086	668.2	–23.651	160/201	158.5/211 B		73-trcnh
55	**DF**		**Hydrogen fluoride-D**				**14333-26-7**
l-g	6.34194	1268.37	0.72	209/313	189.6/323 C	291.15/101.325	73-trcnh
56	**DI**		**Hydrogen iodide-D**				**14104-45-1**
cr-g	6.44612	891.66	–34.18	179/220	175/221.3 C	237.45/101.325	75-trcnh
l-g	4.72964	414.68	–85.28	218/256	221.3/266 B		75-trcnh
57	**FHO_3S**		**Fluorosulfonic acid**				**7789-21-1**
l-g	6.5244	1521	–99.15	343/459	338/466 C		59-trcnh
58	**FNO**		**Nitrosyl fluoride**				**7789-25-5**
l-g	5.5684	556.13	–57.15	163/227	153/237 B	213.25/101.325	59-trcnh
59	**FNO_2**		**Nitryl fluoride**				**10022-50-1**
l-g	5.9583	654.55	–35.15	151/214	141/224 B	200.75/101.325	59-trcnh
60	**FNO_3**		**Nitrogen trioxide fluoride**				**7789-26-6**
l-g	5.79076	769.5	–25.15	165/246	160/252 C	229.15/101.325	59-trcnh
61	**FNS**		**Thiazyl fluoride**				**18820-63-8**
l-g	5.6067	877.1	–34.15	270/299	265.3/303 C	277.75/101.325	59-trcnh
62	**F_2**		**Fluorine**				**7782-41-4**
cr-g	9.1631	747.83	23.34	32/50	30/53.5 B	84.95/101.325	73-trcnh
l-g	5.89078	304.35	–6.611	60/91	53.5/98 B		73-trcnh
63	**F_2HO_2P**		**Phosphonodifluoridic acid**				**13779-41-4**
l-g	5.8602	1342.9	–41.15	283/418	278/425 C	389.15/101.325	60-trcnh
64	**F_2N_2S**		**Dinitrogen sulfur difluoride**				**500010-01-5**
l-g	5.9077	901	–31.15	192/281	190/282 D	262.05/101.325	59-trcnh
65	**F_2O**		**Oxygen difluoride**				**7783-41-7**
l-g	6.36109	545.05	–3.24	54/137	49.4/147 B	128.45/101.325	73-trcnh
66	**F_2OS**		**Thionyl fluoride**				**7783-42-8**
l-g	6.08396	775.48	–39.15	173/244	163/254 B		59-trcnh
67	**F_2OSe**		**Seleninyl difluoride**				**7783-43-9**
l-g	6.545	1380	–95.15	316/420	310/426 C	399.15/101.325	59-trcnh
68	**F_2O_2**		**Dioxygen difluoride**				**7783-44-0**
l-g	5.90392	756.39	–22.99	158/183	148/193 B	217.15/101.325	73-trcnh
69	**F_2O_2S**		**Sulfuryl fluoride**				**2699-79-8**
l-g	6.0319	784.3	–23.15	160/233	152/241 C		59-trcnh
70	**F_2O_3**		**Trioxygen difluoride**				**16829-28-0**
l-g	2.643	267.16	–35.11	73/119	67/125 C		73-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
71	**$F_2O_5S_2$**		**Pyrosulfuryl difluoride**				**13036-75-4**
l-g	6.006	1120	–44.15	240/346	240/346 D		59-trcnh
72	**$F_2O_8S_3$**		**Trisulfur octoxide difluoride**				**13709-33-6**
l-g	6.115	1360	–62.15	296/419	296/419 D		59-trcnh
73	**F_2S_2**		**Disulfur difluoride**				**16860-99-4**
l-g	5.809	628	–17.15	153/196	153/196 D		59-trcnh
74	**F_2Xe**		**Xenon difluoride**				**13709-36-9**
cr-g	9.14437	2683.96	–11.47	252/398	302/408 B	387.45/101.325	73-trcnh
75	**F_3N**		**Nitrogen trifluoride**				**7783-54-2**
l-g	5.90456	501.913	–15.36	105/154	95/164 B	144.09/101.325	59-trcnh
76	**F_3NS**		**Nitrogen fluoride sulfide**				**15930-75-3**
l-g	6.01	888.5	–28.15	184/268	179/275 C	250.05/101.325	59-trcnh
77	**F_3P**		**Phosphorus trifluoride**				**7783-55-3**
l-g	5.9853	620.22	–16.15	125/184	121.6/194 B	171.95/101.325	60-trcnh
78	**F_3PO**		**Phosphoryl trifluoride**				**13478-20-1**
cr-g	10.0554	1783	–12.15	195/234	188/234.0 C	233.65/101.325	60-trcnh
l-g	6.2404	810.1	–42.15	233/248	234.0/256 C		60-trcnh
79	**F_4OS**		**Sulfur oxide tetrafluoride**				**13709-54-1**
l-g	6.1967	840.3	–24.15	166/240	160/248 C		59-trcnh
80	**$F_4O_5S_2$**		**Disulfur pentoxide tetrafluoride**				**44982-62-9**
l-g	6.01	1140	–46.15	246/353	246/353 D		59-trcnh
81	**F_4S**		**Sulfur tetrafluoride**				**7783-60-0**
l-g	5.9644	823.4	–25.15	170/250	165/256 C		59-trcnh
82	**F_4Se**		**Selenium tetrafluoride**				**13465-66-2**
l-g	7.0136	1603	–58.15	297/398	297/398 D	378.15/101.325	59-trcnh
83	**F_4Xe**		**Xenon tetrafluoride**				**13709-61-0**
cr-g	10.0388	3095.06	–3.59	316/390	309/390.3 B	388.85/101.325	73-trcnh
84	**F_5I**		**Iodine pentafluoride**				**7783-66-6**
cr-g	1.9137	102.9	–224.33	260/283	260/282.6 D	377.64/101.325	76-trcnh
l-g	6.3659	1387	–59.53	288/401	282.6/408 C		76-trcnh
85	**F_5P**		**Phosphorus pentafluoride**				**7647-19-0**
cr-g	9.7656	1362.3	–9.15	153/175	143/179.4 C	188.65/101.325	60-trcnh
l-g	6.0393	647.21	–28.15	182/201	179.4/211 B		60-trcnh
86	**F_6S**		**Sulfur hexafluoride**				**2551-62-4**
cr-g	7.5409	1096.5	–11.15	162/220	154/228 C		59-trcnh
87	**F_6Se**		**Selenium hexafluoride**				**7783-79-1**
cr-g	7.5103	1121.4	–23.15	179/238	175/245 C	226.85/101.325	59-trcnh
88	**F_6Te**		**Tellurium hexafluoride**				**7783-80-4**
cr-g	7.7677	1274	–13.15	184/234	180/235.4 D	234.95/101.325	59-trcnh
l-g	5.8737	807	–26.15	236/252	235.4/265 D		59-trcnh

Phase	Antoine constants			T-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (n)	B [K], (E)	C [K], (F)	[K]	Rating		Note
89	**F_7I**		**Iodine heptafluoride**				**16921-96-3**
l-g	6.10047	1015.7	–31.76	277/284	270/291 C	279.75/101.325	76-trcnh
90	**$F_{10}O_2S_2$**		**Thiosulfuryl decafluoride**				**12395-41-4**
l-g	5.999	1110	–44.15	239/344	239/344 D		59-trcnh
91	**$F_{10}S_2$**		**Disulfur decafluoride**				**5714-22-7**
l-g	6.1925	1100.6	–39.15	226/322	226/322 D		59-trcnh
92	**$F_{10}Te_2$**		**Ditellurium decafluoride**				**53214-07-6**
l-g	6.0267	1150	–46.15	247/355	240/363 C	332.15/101.325	59-trcnh
93	**HCl**		**Hydrogen chloride**				**7647-01-0**
cr-g	7.25963	941.57	–5.09	112/155	129/159.0 B	188.15/101.325	73-trcnh
l-g	6.2949	745.8	–14.268	160/201	159.0/211 B		73-trcnh
94	**HF**		**Hydrogen fluoride**				**7664-39-3**
l-g	6.80588	1475.6	14.73	212/313	202/323 B	292.67/101.325	73-trcnh
95	**HI**		**Hydrogen iodide**				**10034-85-2**
cr-g	6.31604	874.86	–32.73	155/225	150/222.4 C	237.55/101.325	75-trcnh
l-g	4.69803	405.33	–87.02	218/256	222.4/266 B		75-trcnh
96	**H_4IN**		**Ammonium iodide**				**12027-06-4**
cr-g	8.2719	3959	–47.15	544/710	544/710 D	678.95/101.325	90-trcnh
97	**I_2**		**Iodide**				**7553-56-2**
cr-g	8.88205	2867.03	–18.97	236/384	343/386.8 B	457.56/101.325	75-trcnh
l-g	6.1431	1611.9	–67.97	392/487	386.8/497 B		75-trcnh
98	**$CAs_3Cl_2F_3$**		**Dichloro(trifluoro-methyl)arsine**				**421-32-9**
l-g	5.56689	1078.18	–50.54	225/295	215/305 C		84-dykrep
99	**$CBrClF_2$**		**Bromochloro-difluoromethane**				**353-59-3**
l-g	5.9585	933.04	–33.15	210/270	188/276 B		94-trcnh
l-g	5.9585	933.04	–33.15	280/426	276/426.9 B		94-trcnh
	(0.434294)	(–54.79)	(3324.1)				
100	**$CBrCl_2F$**		**Bromodichloro-fluoromethane**				**353-58-2**
l-g	6.674	1515.7	0.0	245/330	235/350 C		94-trcnh
101	**$CBrCl_3$**		**Bromotrichloro-methane**				**75-62-7**
l-g	5.7086	1144.87	–68.15	290/390	269/415 B		94-trcnh
102	**CBrFO**		**Carbonic bromide fluoride**				**753-56-0**
l-g	6.7434	1196.7	0	197/256	197/256 D		79-dykrep
103	**$CBrF_3$**		**Bromotrifluoro-methane**				**75-63-8**
l-g	5.8964	731.31	–27.45	170/220	155/243 B		94-trcnh
l-g	5.8964	731.31	–27.45	225/340	220/340.15 B		94-trcnh
	(0.434294)	(4.095)	(941.51)				
104	**CBrN**		**Cyanogen bromide**				**506-68-3**
cr-g	9.71635	2697.49	18.61	273/318	273/319 C		79-dykrep
105	**$CBrN_3O_6$**		**Bromotrinitromethane**				**560-95-2**
l-g	7.7901	2496.32	0	318/335	314/341 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
106	**CBr_2ClF**		**Dibromochlorofluoromethane**				**353-55-9**
l-g	6.799	1697.4	0	270/360	260/380 D		94-trcnh
107	**CBr_2Cl_2**		**Dibromodichloro-methane**				**594-18-3**
l-g	9.6654	4438.3	–121.85	300/340	295/345 C		94-trcnh
l-g	6.4888	828.42	–154.65	370/495	345/540 B		94-trcnh
108	**CBr_2F_2**		**Dibromodifluoro-methane**				**75-61-6**
l-g	6.1878	1127.43	–26.35	220/340	207/355 B		94-trcnh
109	**CBr_3Cl**		**Tribromochloro-methane**				**594-15-0**
l-g	7.009	1888.6	0	300/390	280/405 C		94-trcnh
110	**CBr_3F**		**Tribromofluoro-methane**				**353-54-8**
l-g	6.715	1790.4	0	320/380	305/385 C		94-trcnh
111	**CBr_4**		**Tetrabromomethane**				**558-13-4**
cr-g	8.5116	2841.4	0	294/319	290/319 D	462.65/101.325	17-trcnh
cr-g	7.6919	2578.9	0	320/329	319/331 D		17-trcnh
l-g	4.89693	873.53	–160.55	370/497	364.2/509 B		80-trcnh
112	**CClFO**		**Carbonic chloride fluoride**				**353-49-1**
l-g	7.2298	1187.2	0	165/211	155/221 C		79-dykrep
113	**$CClF_2NO$**		**Difluorocarbamoyl chloride**				**16847-30-6**
l-g	7.03661	1347.34	0	189/234	189/234 D		84-dykrep
114	**$CClF_3$**		**Chlorotrifluoro-methane**				**75-72-9**
l-g	5.90353	654.656	–23.76	150/215	135/197 A	191.69/101.325	95-trcnh
l-g	5.90353 (0.434294)	654.656 (62.99)	–23.76 (–2130.8)	200/301	197/301.8 B		95-trcnh
115	**$CClF_3O$**		**Trifluoromethyl hypochlorite**				**22082-78-6**
l-g	6.538	1025	0	142/219	142/219 D		79-dykrep
116	**$CClF_3O_2$**		**Trifluoromethyl peroxyhypochlorite**				**32755-26-3**
l-g	6.867	1221	0	293/363	293/363 D		79-dykrep
117	**$CClF_3O_3S$**		**Difluorochloromethyl fluorosulfonate**				**6069-31-4**
l-g	5.36772	745.58	–86.42	228/310	218/320 C		84-dykrep
118	**$CClF_3O_4$**		**Perchloric acid, trifluoromethyl ester**				**52003-45-9**
l-g	6.6077	1301	0	293/353	293/353 D		84-dykrep
119	**$CClF_3S$**		**Trifluoromethane-sulfenyl chloride**				**421-17-0**
l-g	5.25548	639.89	–75.65	247/272	243/278 C		79-dykrep
120	**$CClF_4N$**		**Difluoro(difluoro-chloromethyl)amine**				**13880-71-2**
l-g	6.83952	1388.77	0	209/277	209/277 D		84-dykrep
121	**$CClF_4NO_2S$**		**Chloro(trifluoro-methyl)sulfamoyl fluoride**				**19419-95-5**
l-g	6.901	1503	0	253/288	253/288 D		84-dykrep
122	**$CClF_7S$**		**Chlorotetrafluoro-(trifluoromethyl)sulfur**				**42179-04-4**
l-g	6.615	1352	0	293/353	293/353 D		84-dykrep
123	**CClN**		**Cyanogen chloride**				**506-77-4**
cr-g	7.15381	1232.34	–43.89	196/259	186/269 C		79-dykrep

Phase	Antoine constants			T-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (n)	B [K], (E)	C [K], (F)	[K]	Rating		Note
124	**CCl_2FI**		**Dichlorofluoroiodo-methane**				**420-48-4**
l-g	6.83938	1708.86	0	315/365	315/365 C	353.53/101.325	52-has, 79-kudkud-1 Note 12
125	**CCl_2F_2**		**Dichlorodifluoro-methane**				**75-71-8**
l-g	6.01171	868.076	–26.76	185/385	170/250 B	243.43/101.325	95-trcnh
l-g	6.01171 (0.434294)	868.076 (104.14)	–26.76 (–3216.3)	255/385	250/385.12 B		95-trcnh
126	**CCl_2F_3N**		***N,N*-Dichloro-1,1,1-trifluoromethylamine**				**13880-73-4**
l-g	6.65638	1347.37	0	226/291	216/301 C		84-dykrep
127	**CCl_2F_3NS**		**Imidosulfurous dichloride, (trifluoromethyl)-**				**10564-47-3**
l-g	5.07933	824.684	–99.415	284/344	274/354 C	362.12/101.325	84-pas
128	**CCl_2F_3PS**		**Dichloro(trifluoro-methylthio)phosphine**				**18799-78-5**
l-g	6.4699	1655	0	293/363	293/363 D		84-dykrep
129	**CCl_2O**		**Carbonic dichloride**				**75-44-5**
l-g	6.06819	986.45	–37.88	240/281	230/291 B		79-dykrep
130	**CCl_3F**		**Trichlorofluoro-methane**				**75-69-4**
l-g	6.00905	1043.313	–36.2	219/318	209/313 B	296.86/101.325	95-trcnh
l-g	6.00905 (0.434294)	1043.313 (75.08)	–36.2 (–1375.6)	318/468	313/471.12 B		95-trcnh
131	**CCl_3F_2P**		**Difluoro(trichloro-methyl)phosphine**				**1112-03-4**
cr-g	7.6679	1920	0	264/283	262/288 D		84-dykrep
l-g	6.9019	1699	0	289/313	288/316 D		84-dykrep
132	**CCl_3NO**		**Trichloronitroso-methane**				**3711-49-7**
l-g	7.085	1690	0	253/333	253/333 D		79-dykrep
133	**CCl_3NO_2**		**Chloropicrin**				**76-06-2**
l-g	9.24237	3300.24	79.48	253/308	253/308 C		84-pas
134	**CCl_3NSi**		**Trichlorosilane-carbonitrile**				**18157-01-2**
l-g	6.8759	1687	0	227/293	227/293 D		79-dykrep
135	**CCl_3NSSi**		**Trichloroisothio-cyanatosilane**				**18157-00-1**
l-g	7.1234	2060	0	340/403	340/403 D		79-dykrep
136	**CCl_4**		**Tetrachloromethane**				**56-23-5**
cr-g	1.0167	104.8	–167.65	204/226	194/236 B	349.79/101.325	77-trcnh
cr-g	4.6491	713.6	–95.25	226/249	216/250.3 B		77-trcnh
l-g	6.10445	1265.63	–41.002	250/374	250.3/389 A		73-trcnh
137	**CFN**		**Cyanogen fluoride**				**1495-50-7**
cr-g	8.9229	1508	0	147/191	140/191 D		79-dykrep
l-g	7.1549	1169.2	0	196/227	191/233 C		79-dykrep
138	**$CFNO_3S$**		**Sulfuryl fluoride isocyanate**				**1495-51-8**
l-g	7.68377	1905.36	0	294/335	284/345 C		84-dykrep
139	**$CFNO_6S_2$**		**Pyrosulfuryl fluoride isocyanate**				**27931-74-4**
l-g	7.2599	2134	0	330/405	330/405 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
140	**CFN_3O_6**		**Fluorotrinitromethane**				**1840-42-2**
l-g	7.0715	1821.07	0	275/357	265/367 C	359.48/101.325	84-pas
141	**CF_2N_2**		**Difluorocyanamide**				**7127-18-6**
cr-g	7.095	1075	0	179/198	179/198 D		79-dykrep
142	**CF_2N_2OS**		**Cyanoimidosulfuryl fluoride**				**19073-57-5**
l-g	7.485	1945	0	262/354	262/354 D		79-dykrep
143	**$CF_2N_2O_4$**		**Difluorodinitro-methane**				**1185-11-1**
l-g	8.995	2163.9	0	283/310	283/310 D		87-trcsp
144	**CF_2N_2S**		**Cyanoimidosulfurous difluoride**				**14453-41-9**
l-g	8.11	2302	0	271/320	271/320 D		79-dykrep
145	**CF_2O**		**Carbonyl fluoride**				**353-50-4**
cr-g	6.06499	591.84	–42.77	130/162	126/162 C		79-dykrep
l-g	6.65565	717.5	–32.95	162/189	162/195 D		79-dykrep
146	**CF_2O_4S**		**Fluoroformyl fluorosulfate**				**7519-54-2**
l-g	6.61678	1511.3	8.45	250/296	240/306 C		79-dykrep
147	**CF_2S**		**Thiocarbonyl fluoride**				**420-32-6**
l-g	6.765	1002	0	133/211	133/211 D		79-dykrep
148	**CF_3I**		**Trifluoroiodomethane**				**2314-97-8**
l-g	6.6914	1174.29	0	188/296	178/306 C		79-dykrep
149	**CF_3NO**		**(Difluoroamino)-carbonyl fluoride**				**2368-32-3**
l-g	7.1089	1129	0	143/217	143/217 D		79-dykrep
150	**CF_3NO**		**Trifluoronitroso-methane**				**334-99-6**
l-g	6.799	895.86	0	141/174	138/180 D		79-dykrep
151	**CF_3NOS**		***N*-Sulfinyltrifluoro-methanamine**				**10564-49-5**
l-g	6.858	1413	0	239/289	239/289 D		79-dykrep
152	**CF_3NOS**		***S*,*S*-Difluoro-*N*-(fluoroformyl)-sulfilimine**				**3855-41-2**
l-g	8.0655	1950	0	220/323	210/333 C		79-dykrep
153	**CF_3NO_2**		**Fluoropicrin**				**335-02-4**
l-g	4.10815	217.267	–138.694	239/243	238/244 C	242.3/101.325	84-pas
154	**CF_3NO_4**		**Trifluoromethyl-peroxynitrate**				**50311-48-3**
l-g	6.74837	1297.36	0	193/247	183/257 D		84-dykrep
155	**$CF_3NO_6S_2$**		***N*-(Fluoroformyl)-*N*,*O*-*bis*-(fluorosulfonyl)-hydroxylamine**				**19252-48-3**
l-g	6.7944	1895	0	325/392	305/392 D		79-dykrep
156	**CF_4**		**Tetrafluoromethane**				**75-73-0**
cr-g	9.30865	927.207	2.12	66/76	56/76.27 C	145.09/101.325	96-trcnh
cr-g	6.17827	529.897	–15.41	76/89	76.27/89.55 B		96-trcnh
l-g	6.1086	537.611	–13.61	89/104	89.55/104 B		96-trcnh
l-g	5.95894	510.595	–15.95	106/156	104/156 A		96-trcnh
l-g	5.95894	510.595	-15.95	158/226	156/227.5 B		96-trcnh
	(0.434294)	(–93.740)	(7425.9)				
157	**CF_4N_2O**		**Fluoro(trifluoro-methyl)diazine 2-oxide**				**815-10-1**
l-g	5.70258	744.07	–64.25	233/267	223/277 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
158	**$CF_4N_2O_3S_2$**		**Carbonyl *bis*(imidosulfuryl fluoride)**				**25523-80-2**
l-g	7.5069	2159	0	316/331	316/331 D		79-dykrep
159	**CF_4O**		**Trifluoromethyl hypofluorite**				**373-91-1**
l-g	6.19992	689.23	–13.78	153/194	143/204 C		79-dykrep
160	**CF_4OS**		**Trifluoromethane-sulfinyl fluoride**				**812-12-4**
l-g	5.56188	804.05	–44.8	204/271	194/281 C		79-dykrep
161	**CF_4O_2**		**Trifluoromethyl peroxyhypochlorite**				**34511-13-2**
l-g	6.16405	749.71	–23.3	156/203	146/213 C		84-dykrep
162	**CF_4O_2S**		**Trifluoromethane-sulfonyl fluoride**				**335-05-7**
l-g	6.861	1221	0	226/249	224/255 D		79-dykrep
163	**$CF_4O_5S_2$**		**Trifluoromethane-sulfonyl fluorosulfate**				**21595-44-8**
l-g	7.043	1721	0	308/338	306/340 D		79-dykrep
164	**CF_5N**		**Pentafluoro-methanamine**				**335-01-3**
cr-g	7.075	970	0	138/151	136/151 D		79-dykrep
l-g	6.5989	901	0	151/198	151/202 C		79-dykrep
165	**CF_5NO**		**Pentafluoro-methoxyamine**				**4217-93-0**
l-g	6.4999	968.6	0	167/210	167/210 C		79-dykrep
166	**CF_5OPS**		**Phosphorothionic dichloride, *S*-trifluoromethyl ester**				**52752-66-6**
l-g	6.0269	1207.4	0	293/353	293/353 D		84-dykrep
167	**CF_5O_3P**		**Peroxyphosphoro-dichloric acid, trifluoromethyl ester**				**39125-42-3**
l-g	7.8019	1672.8	0	241/280	241/280 D		84-dykrep
168	**$CF_6N_2S_2$**		***N*,*N*-(Difluoromethylene)-*bis*(*S*,*S*-difluorosulfilimine)**				**17686-45-2**
l-g	7.206	1880	0	230/313	230/313 D		79-dykrep
169	**CF_6PS**		**Difluoro(trifluoro-methylthio)phosphine**				**52752-65-5**
l-g	6.2109	1164.2	0	293/353	293/353 D		84-dykrep
170	**CF_8OS**		**Pentafluoro(trifluoro-methoxy)sulfur**				**1873-23-0**
l-g	6.16109	949.88	–33.62	217/262	207/272 C		84-dykrep
171	**CF_8S**		**Pentafluoro(trifluoro-methyl)sulfur**				**373-80-8**
l-g	5.96611	849.09	–38.36	205/262	195/272 C		79-dykrep
172	**CIN**		**Cyanogen iodide**				**506-78-5**
l-g	6.895	2090.1	0	419/426	417/428 C		79-dykrep
173	**CHBrClF**		**Bromochlorofluoro-methane**				**593-98-6**
l-g	6.621	1429.3	0	240/310	225/335 C		94-trcnh
174	**$CHBrCl_2$**		**Bromodichloro-methane**				**75-27-4**
l-g	6.6205	1677.0	0	280/370	264/395 C		94-trcnh
175	**CHBrFI**		**Bromofluoroiodo-methane**				**1512-27-2**
l-g	6.69918	1765.448	0	308/376	308/376 D	376.15/101.325	52-has Note 12

Phase	Antoine constants			T-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (n)	B [K], (E)	C [K], (F)	[K]	Rating		Note
176	**$CHBrF_2$**		**Bromodifluoro-methane**				**1511-62-2**
l-g	5.4003	640.32	–69.05	200/260	188/264 B		94-trcnh
l-g	5.4003 (0.434294)	640.32 (189.78)	–69.05 (–6582.6)	330/275	264/412 B		94-trcnh
177	**$CHBr_2Cl$**		**Dibromochloro-methane**				**124-48-1**
l-g	6.832	1670.7	0	270/350	255/372 D		94-trcnh
178	**$CHBr_2F$**		**Dibromofluoro-methane**				**1868-53-7**
l-g	9.49000	2524.676	0	308/337	305/338 C	337.33/101.325	52-has, 79-kudkud-12
179	**$CHBr_2I$**		**Dibromoiodomethane**				**593-94-2**
l-g	3.47519	993.051	0	364/375	360/380 C	368.20/6	79-kudkud-12 Note 12
180	**$CHBr_3$**		**Tribromomethane**				**75-25-2**
l-g	6.15631	1511.5	–58.19	316/450	306/460 B	422.7/101.325	80-trcnh
181	**$CHClF_2$**		**Chlorodifluoro-methane**				**75-45-6**
l-g	6.13253	835.462	–29.69	180/240	165/243 B	232.38/101.325	95-trcnh
l-g	6.13253 (0.434294)	836.462 (37.61)	–29.69 (–369.3)	248/369	243/369.28 B		95-trcnh
182	**$CHClI_2$**		**Chlorodiiodomethane**				**638-73-3**
l-g	6.53200	2141.611	0	361/473	360/473 C	473.15/101.325	79-kudkud-1 Note 12
183	**$CHCl_2F$**		**Dichlorofluoro-methane**				**75-43-4**
l-g	6.02473	959.934	–43.12	220/303	201/285 B	281.89/101.325	95-trcnh
l-g	6.02473 (0.434294)	959.934 (9.61)	–43.12 (574.28)	303/451	285/451.5 B		95-trcnh
184	**$CHCl_2FO_3S$**		**Dichloromethyl fluorosulfonate**				**42016-50-2**
l-g	7.125	1890	0	275/293	275/293 D		84-dykrep
185	**$CHCl_2I$**		**Dichloroiodomethane**				**594-04-7**
l-g	6.74912	1916.664	0	313/405	313/405 D	404.07/101.325	54-hindow, 79-kudkud-1
186	**$CHCl_3$**		**Trichloromethane**				**67-66-3**
l-g	5.96288	1106.94	–54.598	210/357	209.6/374 A	334.33/101.325	73-trcnh
187	**$CHCl_5Ge$**		**Trichloro(dichloro-methyl)germane**				**21572-22-5**
l-g	6.14902	1568.57	–64.13	313/433	303/443 C		84-dykrep
188	**$CHFI_2$**		**Fluorodiiodomethane**				**1493-01-2**
l-g	5.744	1357.9	–35.09	284/353	274/363 B		80-trcnh
189	**$CHFN_2O_4$**		**Fluorodinitromethane**				**7182-87-8**
l-g	7.775	2278.1	0	298/338	298/338 D		79-dykrep
190	**CHFO**		**Formyl fluoride**				**1493-02-3**
l-g	7.1989	1273.4	0	178/235	168/245 C		79-dykrep
191	**CHF_2I**		**Difluoroiodomethane**				**1493-03-4**
l-g	6.2323	1170.9	–18.31	216/316	206/326 B		80-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
192	**CHF_3**		**Trifluoromethane**				**75-46-7**
cr-g	10.201	1338.7	0	59	55/118 C	190.99/101.325	79-trcnh
l-g	6.9184	939.	–1.15	122/141	118/141 C		90-trcnh
l-g	6.2214	707.396	–23.31	150/200	141/205 B		96-trcnh
l-g	6.2214	707.396	–23.31	208/298	205/298.97 B		96-trcnh
	(0.434294)	(70.2432)	(2833.0)				
193	**CHF_3O_2**		**Trifluoromethyl hydroperoxide**				**16156-36-8**
l-g	7.6817	1614.5	0	248/285	242/295 C		79-dykrep
194	**CHF_3O_3S**		**Trifluoromethane-sulfonic acid**				**1493-13-6**
l-g	7.73233	2492.15	0	354/435	350/440 D		84-dykrep
195	**CHF_3S**		**Trifluoromethanethiol**				**1493-15-8**
l-g	6.25881	922.28	-18.3	167/236	157/246 B		79-dykrep
196	**CHF_7S**		**(Difluoromethyl)-pentafluorosulfur**				**420-67-7**
l-g	6.01731	932.73	–45.76	221/293	211/303 C		79-dykrep
197	**CHI_3**		**Triiodomethane**				**75-47-8**
cr-g	9.43806	3890.095	9.771	308/365	308/370 C	451.25/10	43-nitsek, 36-rufbre
198	**CH_2BrCl**		**Bromochloromethane**				**74-97-5**
l-g	5.6809	970.62	–77.05	270/350	248/375 B		94-trcnh
199	**CH_2BrF**		**Bromofluoromethane**				**373-52-4**
l-g	6.497	1305.5	0	220/300	215/320 C		94-trcnh
200	**CH_2Br_2**		**Dibromomethane**				**74-95-3**
l-g	6.31535	1405.83	–43.88	277/394	267/404 B	370.12/101.325	80-trcnh
201	**CH_2ClF**		**Chlorofluoromethane**				**593-70-4**
l-g	5.851	864.85	–39.15	195/283	185/280 B	264.06/101.325	95-trcnh
l-g	5.851	864.85	–39.15	283/427	280/427 B		95-trcnh
	(0.434294)	(–250)	(22000)				
202	**CH_2Cl_2**		**Dichloromethane**				**75-09-2**
l-g	6.07622	1070.07	–49.91	196/333	185/345 B	312.79/101.325	73-trcnh
203	**CH_2Cl_4Ge**		**Trichloro(chloro-methyl)germane**				**21572-18-9**
l-g	5.95029	1381.55	–75.82	303/423	293/433 C		84-dykrep
204	**CH_2Cl_4OSi**		**Trichloro(chloro-methoxy)silane**				**18157-08-9**
l-g	7.5199	2159	0	273/323	273/323 D		79-dykrep
205	**$CH_2Cl_6Si_2$**		**1,1,1,3,3,3-Hexachloro-1,3-disilapropane**				**4142-85-2**
l-g	7.2646	2380	0	328/453	318/463 D		79-dykrep
206	**CH_2F_2**		**Difluoromethane**				**75-10-5**
l-g	6.52124	895.852	–22.18	120/160	108/165 C	221.5/101.325	96-trcnh
l-g	6.29712	833.137	–27.29	166/236	165/235 B		96-trcnh
l-g	6.29712	833.137	–27.29	238/351	235/351.36 B		96-trcnh
	(0.434294)	(61.006)	(–747.43.12)				
207	**CH_2F_3NS**		**1,1,1-Trifluoro-methanesulfenamide**				**1512-33-0**
l-g	7.585	1783	0	218/291	218/291 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
208	**CH_2I_2**		**Diiodomethane**				**75-11-6**
l-g	6.291	1715.7	–54.95	341/485	331/495 C	455.15/101.325	80-trcnh
209	**CH_3AsCl_2**		**Dichloromethylarsine**				**593-89-5**
l-g	7.323	2142.6	0	338/408	338/408 D		79-dykrep
210	**CH_3AsCl_2**		**Difluoromethylarsine**				**420-24-6**
l-g	6.4048	1285.6	–57.35	282/350	272/360 C		79-dykrep
211	**CH_3BCl_2O**		**Dichloromethoxy-borane(3)**				**867-46-9**
l-g	5.9275	1067.7	–58.88	267/331	257/341 C		79-dykrep
212	**CH_3Br**		**Bromomethane**				**74-83-9**
l-g	6.21313	1044.42	–28.47	205/295	195/307 B	276.71/101.325	80-trcnh
213	**CH_3BrHg**		**Bromomethylmercury**				**506-83-2**
cr-g	9.098	3530	0	258/297	258/300 D		79-dykrep
214	**CH_3Cl**		**Chloromethane**				**74-87-3**
l-g	6.16533	920.86	–27.57	184/266	175.5/276 B	248.95/101.325	81-trcnh
215	**CH_3ClHg**		**Chloromethylmercury**				**115-09-3**
cr-g	8.5537	3371.4	0	267/285	257/295 C		79-dykrep
216	**CH_3Cl_2FSi**		**Dichlorofluoro-methylsilane**				**420-58-6**
l-g	6.8702	1472.3	0	243/303	233/313 C		79-dykrep
217	**CH_3Cl_2P**		**Dichloro-methylphosphine**				**676-83-5**
l-g	7.32735	1857	0	229/297	229/297 D		79-dykrep
218	**CH_3Cl_3Ge**		**Trichloromethyl-germane**				**993-10-2**
l-g	6.16795	1412.52	–46.05	293/385	283/395 C		79-dykrep
219	**CH_3Cl_3Si**		**Methyltrichlorosilane**				**75-79-6**
l-g	5.9469	1157	–45.75	307/340	297/350 C		79-dykrep
220	**$CH_3Cl_5Si_2$**		**Pentachloromethyl-disilane**				**26980-40-5**
l-g	7.04337	2186.11	8.14	308/379	306/384 C		84-dykrep
221	**CH_3F**		**Fluoromethane**				**593-53-3**
l-g	5.98062	686.26	–23.32	133/138	131.4/143 B	194.82/101.325	96-trcnh
l-g	6.19421	734.222	–19.58	144/200	143/210 A		96-trcnh
l-g	6.19421 (0.434294)	734.222 (57.676)	–19.58 (–1868.2)	213/317	200/317.36 B		96-trcnh
222	**CH_3F_2N**		***N*,*N*-Difluoromethanamine**				**753-58-2**
l-g	5.97577	871.05	–37.78	257/343	247/353 B		79-dykrep
223	**CH_3F_2NS**		**Imidosulfurous difluoride, methyl**				**758-20-3**
l-g	7.1777	1498.46	0	194/258	194/258 D		84-dykrep
224	**CH_3F_2OPS**		**Difluorothiophoshoric acid, *S*-methyl ester**				**25237-37-0**
l-g	5.90079	1107.49	–43.936	236/298	226/308 C		84-dykrep
225	**CH_3F_2OPS**		**Phosphorothionic difluoride, *S*-trifluoromethyl ester**				**900001-60-7**
l-g	5.90079	1107.49	–43.94	236/298	226/308 C		84-dykrep
226	**CH_3F_2P**		**Methylphosphorous difluoride**				**753-59-3**
l-g	6.955	1220	0	174/236	174/236 D		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
227	**$CH_3F_2PS_2$**		**Phosphorodithionic difluoride, methyl ester**				**21348-13-0**
l-g	7.28734	1857.07	–12.22	253/298	243/308 C		84-dykrep
228	**CH_3F_3Si**		**Trifluoromethylsilane**				**373-74-0**
l-g	7.1001	1238.1	0	213/243	211/249 C		79-dykrep
229	**$CH_3F_4NP_2S_2$**		***n, N-Bis*(difluorothio-phosphoryl)methyl-amine**				**25741-62-2**
l-g	7.11581	2092.12	4.89	273/305	273/305 D		84-dykrep
230	**CH_3HgI**		**Iodomethylmercury**				**143-36-2**
cr-g	8.6281	3393.7	0	263/290	253/300 C		79-dykrep
231	**CH_3I**		**Iodomethane**				**74-88-4**
l-g	6.09731	1138.29	–37.38	234/337	224/347 B	315.58/101.325	80-trcnh
232	**CH_4ClFSi**		**Chlorofluoro-methylsilane**				**373-67-1**
l-g	6.7315	1296.6	0	198/273	190/283 C		79-dykrep
233	**CH_4Cl_2Ge**		**Dichloromethyl-germane**				**1111-82-6**
l-g	5.99598	1383.99	–39.98	280/297	276/303 C		84-dykrep
234	**CH_4Cl_2OSi**		**Dichloromethoxy-silane**				**6485-89-8**
l-g	6.9649	1600	0	273/311	273/311 D		84-dykrep
235	**CH_4Cl_2Si**		**Dichloromethylsilane**				**75-54-7**
l-g	6.7317	1484.94	0	208/314	206/283 D		79-dykrep
l-g	5.8316	1073.16	–61.2	283/319	283/325 C		84-dykrep1
236	**CH_4F_2NPS**		***N*-Methylphosphor-amidothionic acid**				**31411-30-0**
l-g	9.46303	3721.23	100.46	273/325	273/325 C		84-dykrep
237	**CH_4F_2Si**		**Difluoromethylsilane**				**420-34-8**
l-g	6.8904	1160.4	0	198/237	188/247 C		79-dykrep
238	**CH_5ClSi**		**(Chloromethyl)silane**				**10112-09-1**
l-g	7.21792	1719.28	25.45	246/297	236/307 C		84-dykrep
239	**CH_5FGe**		**Fluoromethyl germane**				**30123-02-5**
l-g	7.5379	1728	0	226/273	226/283 D		84-dykrep
240	**CH_6ClN**		**Methylammonium chloride**				**593-51-1**
l-g	12.0909	5981.4	0	518/593	508/603 C		79-dykrep
241	**CH_7ClSi_2**		**(Chloromethyl)-disilane**				**54713-74-5**
l-g	7.21772	1875.07	0	250/299	240/309 C		84-dykrep
242	**CH_7ClSi_2**		**[(Chlorosilyl)methyl]-silane**				**35483-45-5**
l-g	6.96331	1674.13	0	273/301	269/307 C		84-dykrep

4.2 Halogen Containing Organic Compounds, C_2

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
243	**C_2AsClF_6**		**Chloro*bis*(trifluoromethyl)arsine**				**359-53-5**
l-g	7.33345	1705.61	1.9	208/295	202/303 C		84-dykrep
244	**$C_2BrClF_3O_4$**		**1,2,2-Trifluoro-1-chloro-2-bromoethyl perchlorate**				**900001-86-7**
l-g	7.72172	2217.9	0	273/294	271/296 D		84-dykrep
245	**C_2BrCl_3O**		**Trichloroacetyl bromide**				**34069-94-8**
l-g	6.31204	1613.22	–41.51	265/416	255/426 C		79-dykrep
246	**C_2BrCl_5**		**Bromopentachloroethane**				**79504-02-2**
l-g	6.4549	2320	0	383/433	375/440 D		94-trcnh
247	**C_2BrF_3**		**Bromotrifluoroethylene**				**598-73-2**
l-g	6.8476	1308.04	0	260/340	250/350 C		87-trcsp
248	**C_2BrF_5**		**Bromopentafluoroethane**				**354-55-2**
l-g	6.556	1147.3	0	200/255	180/275 D		94-trcnh
249	**C_2BrF_5Se**		**(Pentafluoroethane)selenenylbromide**				**6123-59-7**
l-g	7.385	1800	0	242/293	242/293 D		84-dykrep
250	**C_2BrF_9S**		**(1-Bromo-1,2,2,2-tetrafluoroethyl)pentafluorosulfur**				**63011-81-4**
l-g	6.8569	1603	0	294/330	294/330 D		84-dykrep
251	**$C_2Br_2ClF_3$**		**1,2-Dibromochlorotrifluoroethane**				**354-51-8**
l-g	5.84523	1166.348	–63.28	280/385	265/395 B		94-trcnh
252	**$C_2Br_2Cl_2F_2$**		**1,2-Dibromo-1,1-dichlorodifluoroethane**				**558-57-6**
l-g	6.94	2033.1	0	320/418	305/440 D		94-trcnh
253	**$C_2Br_2Cl_2F_2$**		**1,2-Dibromo-1,2-dichlorodifluoroethane**				**421-69-2**
l-g	6.94	2037.6	0	320/420	305/440 C		94-trcnh
254	**$C_2Br_2Cl_4$**		**1,2-Dibromotetrachloroethane**				**630-25-1**
cr-g	7.305	2740	0	283/453	383/453 D	434.58/10	49-higend Note 2
255	**$C_2Br_2F_4$**		**1,2-Dibromo-1,1,2,2-tetrafluoroethane**				**124-73-2**
l-g	5.91890	1065.061	–48.185	298/483	298/332 B	320.36/101.325	81-majsvo, 85-pasvar, 73-shebuz
l-g	6.26590	1292.010	–16.865	330/483	330/483 B	412.47/1000	73-grushe, 85-pasvar, 73-shebuz
256	**$C_2Br_3F_3$**		**1,1,1-Tribromo-2,2,2-trifluoroethane**				**354-48-3**
l-g	6.977	1922.3	0	300/390	285/415 C		94-trcnh
257	**C_2Br_4**		**Tetrabromoethylene**				**79-28-7**
cr-g	9.52568	2840.060	28.082	220/310	220/325 B	305.04/10	50-bre
258	**C_2ClF_3**		**Chlorotrifluoroethylene**				**79-38-9**
l-g	6.06971	866.765	–31.513	206/263	206/263 A	244.79/101.325	51-oligri-1
l-g	6.84147	1363.275	42.357	295/374	295/380 B	312.53/1000	35-booswi, 51-oligri-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
259	**$C_2ClF_3O_2$**		**Trifluoromethyl chloroformate**				**23213-83-4**
l-g	5.62844	849.32	–45.93	195/273	185/283 C		84-dykrep
260	**$C_2ClF_3O_4S$**		**Difluorochloroacetic fluorosulfonic anhydride**				**6069-32-5**
l-g	6.42722	1293.44	–59.04	265/352	255/362 C		84-dykrep
261	**C_2ClF_5**		**Chloropentafluoroethane**				**76-15-3**
l-g	5.93652	795.212	–31.78	178/236	173.7/240 B	234.03/101.325	95-trcnh
l-g	5.93652 (0.434294)	795.212 (82.65)	–31.78 (–1205.4)	253/348	240/353.1 B		95-trcnh
262	**C_2ClF_5O**		**Hypochlorous acid, pentafluoroethyl ester**				**22675-67-8**
l-g	5.87822	855.5	–44.04	193/248	183/258 C		84-dykrep
263	**C_2ClF_5OS**		**Pentafluoroethanesulfinyl chloride**				**39937-08-1**
l-g	7.0989	1707.4	0	273/338	273/338 D		84-dykrep
264	**$C_2ClF_5O_4$**		**Perchloric acid, pentafluoroethyl ester**				**53011-52-2**
l-g	6.7605	1430.8	0	293/353	283/363 C		84-dykrep
265	**$C_2ClF_5O_6S_2$**		**1,2,2-Trifluoro-1-chloro-1,2-*bis*(fluorosulfato)ethane**				**1957-17-1**
l-g	4.25414	490.93	–186.55	308/406	298/416 C		84-dykrep
266	**C_2ClF_5Se**		**(Pentafluoroethane)selenenyl-chloride**				**6123-50-8**
l-g	6.905	1580	0	215/289	215/289 D		84-dykrep
267	**C_2ClF_9S**		**Chlorotetrafluoro(pentafluoroethyl)sulfur**				**42769-85-7**
l-g	6.625	1497	0	293/353	293/353 D		84-dykrep
268	**C_2ClF_9S**		**Pentafluoro(1,1,2,2-tetrafluoro-2-chloroethyl)sulfur**				**646-63-9**
l-g	6.6189	1479	0	293/353	293/353 D		84-dykrep
269	**C_2ClFN_2**		***cis*-Chloro(fluoroimino)acetonitrile**				**30915-40-3**
l-g	6.63272	1358.26	–25.452	254/320	244/330 C		84-dykrep
270	**C_2ClFN_2**		***trans*-Chloro(fluoroimino) acetonitrile**				**30915-39-0**
l-g	6.54215	1278.81	–36.658	257/320	247/330 C		84-dykrep
271	**$C_2Cl_2F_2$**		**1,1-Dichloro-2,2-difluoroethene**				**79-35-4**
l-g	6.95857	2402.737	–31.426	338/517	338/517 B	516.55/101.325	47-stu
272	**$C_2Cl_2F_2$**		**1,2-Dichloro-1,2-difluoroethene**				**598-88-9**
l-g	6.19493	1055.972	–41.856	191/295	190/300 B	293.93/101.325	47-stu
273	**$C_2Cl_2F_2N_2$**		**Dichloro(difluoroamino) acetonitrile**				**30913-21-4**
l-g	8.77118	3177.19	128.005	238/341	238/341 D		84-dykrep
274	**$C_2Cl_2F_2O$**		**Dichlorofluoroacetyl fluoride**				**354-18-7**
l-g	5.91713	1297.37	17.46	208/273	208/273 C		84-dykrep
275	**$C_2Cl_2F_3NOS$**		***S*,*S*-Dichloro-*N*-(trifluoroacetyl)sulfilimine**				**24433-67-8**
l-g	7.6579	2309	0	306/333	306/339 D		79-dykrep
276	**$C_2Cl_2F_3NO_2S$**		**(Trifluoromethyl)sulfonyl carbonimidic dichloride**				**51587-33-8**
l-g	7.02514	1878.75	–31.617	312/405	302/415 C		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
277	**$C_2Cl_2F_4$**		**1,1-Dichloro-1,2,2,2-tetrafluoroethane**				**374-07-2**
l-g	5.83243	875.938	–47.69	220/298	216.6/283 B	276.17/101.325	95-trcnh
l-g	5.83243	875.938	–47.69	298/418	283/418.7 B		95-trcnh
	(0.434294)	(700.0)	(–66758.)				
278	**$C_2Cl_2F_4$**		**1,2-Dichloro-1,1,2,2-tetrafluoroethane**				**76-14-2**
l-g	5.93549	930.734	–39.74	210/298	195/285 B	276.69/101.325	95-trcnh
l-g	5.93549	930.734	–39.74	298/418	285/418.9 B		95-trcnh
	(0.434294)	(849.6)	(–57942)				
279	**$C_2Cl_2F_4O_4$**		**1,1,2,2-Tetrafluoro-2-chloroethyl perchlorate**				**38126-28-2**
l-g	5.75529	1088.51	–55.73	249/294	239/304 C		84-dykrep
280	**$C_2Cl_2F_5NS$**		***S*,*S*-Dichloro-*N*-(pentafluoroethyl)sulfilimine**				**10564-48-4**
l-g	7.1559	1956	0	297/375	297/375 D		79-dykrep
281	**$C_2Cl_3F_3$**		**1,1,1-Trichloro-2,2,2-trifluoroethane**				**354-58-5**
l-g	6.52348	1384.51	–12.15	288/325	287/345 B	319.03/101.325	95-trcnh
282	**$C_2Cl_3F_3$**		**1,1,2-Trichloro-1,2,2-trifluoroethane**				**76-13-1**
l-g	6.00134	1107.719	–43.51	238/325	236.5/328 B	320.75/101.325	95-trcnh
l-g	6.00134	1107.719	–43.51	345/487	328/487.4 B		95-trcnh
	(0.434294)	(69.65)	(–2236.1)				
283	**$C_2Cl_3F_3O_4$**		**1,2,2-Trifluoro-1,2-dichloroethyl perchlorate**				**38126-27-1**
l-g	5.26945	1405.23	0	273/296	273/296 D		84-dykrep
284	**C_2Cl_3N**		**Cyanotrichloromethane**				**545-06-2**
l-g	6.3084	1368.27	–40.64	290/356	280/366 B		73-czas
285	**C_2Cl_4**		**Tetrachloroethene**				**127-18-4**
l-g	6.11547	1394.842	–54.787	310/393	310/395 B	394.18/101.325	72-bouaim
286	**$C_2Cl_4F_2$**		**1,1,2,2-Tetrachloro-1,2difluoroethane**				**76-12-0**
cr-g	6.99211	1818.991	0	258/299	258/300 C	260.15/1	89-svoada
l-g	6.09885	1315.436	–44.597	312/362	312/365 B	365.97/101.325	76-varbul
287	**$C_2Cl_4F_2$**		**1,2,2,2-Tetrachloro-1,1-difluoroethane**				**76-11-9**
cr-g	6.15809	1381.456	–33.072	260/313	260/313 C	342.88/50	89-svoada
l-g	6.59743	1684.339	0	323/344	323/345 A	343.85/50	89-svoada
288	**$C_2Cl_4F_2O_4$**		**1,2-Difluoro-1,1,2-trichloroethyl perchlorate**				**38126-29-3**
l-g	5.20493	1578.53	0	273/294	273/294 D		84-dykrep
289	**$C_2Cl_4F_6OS$**		**Pentafluoro(2-fluoro-1,1,2,2-tetrachloroethoxy)sulfur**				**762-90-3**
l-g	5.71413	1229.94	–84.72	314/418	304/428 C		84-dykrep
290	**C_2Cl_4O**		**Tetrachloroxirane**				**16650-10-5**
l-g	5.39815	996.8	–90.49	308/348	298/358 C		84-dykrep
291	**C_2Cl_4O**		**Trichloroacetyl chloride**				**76-02-8**
l-g	6.10932	1386.68	–53.45	305/393	295/403 B		79-dykrep
292	**C_2Cl_4Si**		**Trichloro(chloroethynyl)silane**				**29442-46-4**
l-g	3.03838	374.67	–159.86	253/295	243/305 C		84-dykrep
293	**C_2Cl_5F**		**Pentachlorofluoroethane**				**354-56-3**
l-g	5.348	962.39	–123.15	314/439	304/449 B	411.05/101.325	95-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
294	**C_2Cl_6**		**Hexachloroethane**				**67-72-1**
cr-g	4.572	869.3	–150.75	281/354	271/354 C	457.75/101.325	77-trcnh
cr-g	7.4231	2345.5	–24.85	354/460	354/459.9 C		73-trcnh
l-g	5.0016	842.3	–176.35	464/488	459.9/498 B		73-trcnh
295	**C_2FNO_2**		**Fluorocarbonyl isocyanate**				**15435-14-0**
l-g	7.82	1750	0	228/264	228/264 D		79-dykrep
296	**$C_2F_2N_4O_8$**		**1,2-Difluoro-1,1,2,2-tetranitroethane**				**20165-39-3**
l-g	10.625	3280.4	0	297/323	295/325 D		84-dykrep
297	**$C_2F_2O_2$**		**Ethanedioyl difluoride**				**359-40-0**
cr-g	8.45156	1340.93	–59.27	234/260	230/261 B		79-dykrep
l-g	4.93276	409.55	–130.21	264/272	261/274 B		79-dykrep
298	**C_2F_3N**		**Trifluoroacetonitrile**				**353-85-5**
l-g	6.25249	773.815	–23.233	142/205	132/215 B		73-czas
299	**C_2F_3NO**		**Trifluoromethyl isocyanate**				**460-49-1**
l-g	6.963	1176	0	195/228	191/234 D		79-dykrep
300	**C_2F_3NO**		**Trifluoronitrosoethylene**				**2713-04-4**
l-g	7.3764	1340	0	247/250	246/251 D		79-dykrep
301	**C_2F_3NOS**		**Trifluoromethanesulfenyl isocyanate**				**691-03-2**
l-g	6.8659	1458	0	231/293	231/293 D		87-trcsp
302	**$C_2F_3NO_2S$**		**2,2,2-Trifluoro-N-sulfinylacetamide**				**26454-68-2**
l-g	7.46314	1902.73	0	267/302	267/302 D		84-dykrep
303	**$C_2F_3NO_2S_2$**		**Trifluoromethanesulfonyl isothiocyanate**				**51587-30-5**
l-g	6.7678	1655.07	–37.606	297/385	287/395 C		84-dykrep
304	**$C_2F_3NO_3S$**		**Trifluoromethanesulfonyl isocyanate**				**30227-06-6**
l-g	6.84387	1511.12	–33.004	275/345	265/355 C		84-dykrep
305	**C_2F_3NS**		**Trifluoromethyl thiocyanate**				**690-24-4**
l-g	7.5199	1704	0	226/294	206/294 D		87-trcsp
306	**$C_2F_3N_3O_6$**		**1,1,2-Trifluoro-1,2,2-trinitroethane**				**20165-38-2**
l-g	9.525	3016.3	0	313/353	313/353 D		84-dykrep
307	**C_2F_4**		**Tetrafluoroethylene**				**116-14-3**
l-g	6.03036	686.639	–26.920	142/209	140/210 B	197.53/101.325	53-furmcc-1
308	**$C_2F_4N_2$**		**(Difluoroamino)difluoroacetonitrile**				**5131-88-4**
l-g	6.6461	1018.9	–21.35	193/238	183/248 C		79-dykrep
309	**$C_2F_4N_2O_3$**		**1,1,2,2-Tetrafluoro-1-nitro-2-nitrosoethane**				**679-08-3**
l-g	7.0579	1503	0	233/293	233/293 D		79-dykrep
310	**$C_2F_4N_2O_4$**		**1,1,2,2-Tetrafluoro-1,2-dinitroethane**				**356-16-1**
l-g	6.52062	1324.2	–39.73	259/333	249/343 C		79-dykrep
311	**$C_2F_4N_2O_6S_2$**		**1,2-*Bis*(fluoroformyl)-1,2-*bis*(fluorosulfonyl)hydrazine**				**19252-50-7**
l-g	8.77183	2599.06	0	273/296	269/302 D		84-dykrep
312	**C_2F_4O**		**Trifluoroacetyl fluoride**				**354-34-7**
l-g	6.23413	770.92	–31.76	161/215	151/225 B		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
313	**$C_2F_4O_2S$**		**Trifluoroethene-sulfonyl fluoride**				**684-10-6**
l-g	2.4029	1412	0	270/313	260/323 D		84-dykrep
314	**$C_2F_4O_3$**		**Trifluoromethyl fluoroperoxy-methanoate**				**16118-40-4**
l-g	7.5341	1423.8	0	194/249	184/259 C		79-dykrep
315	**$C_2F_4O_4S$**		**Trifluoroacetyl fluorosulfate**				**5762-53-8**
l-g	6.43081	1184.3	–51.73	262/321	252/331 C		79-dykrep
316	**$C_2F_4S_2$**		**2,2,4,4-Tetrafluoro-1,3-dithietane**				**1717-50-6**
l-g	6.7649	1524	0	293/353	293/353 D		84-dykrep
317	**C_2F_5I**		**Pentafluoroiodoethane**				**354-64-3**
l-g	3.29276	158.974	–161.974	248/287	248/290 C	285.49/101.325	49-emehas
318	**C_2F_5NO**		**Pentafluoronitroso-ethane**				**354-72-3**
l-g	6.8149	1094	0	193/227	193/227 D		79-dykrep
319	**C_2F_5NOS**		***S*,*S*-Difluoro-*N*-(trifluoroacetyl)-sulfilimine**				**24433-65-6**
l-g	7.3899	1798	0	240/282	240/282 D		79-dykrep
320	**C_2F_5NOS**		**1,1,2,2,2-Pentafluoro-*N*-sulfinylethanamine**				**10564-50-8**
l-g	6.7679	1516	0	245/303	245/303 D		79-dykrep
321	**C_2F_5NOS**		**1,1,1-Trifluoro-*N*-(fluoroformyl)-methanesulfinimidyl fluoride**				**28103-61-9**
l-g	7.8449	2033	0	276/323	276/323 D		84-dykrep
322	**$C_2F_5NO_4S$**		**(Fluorosulfonyl)-(trifluorometoxy)-carbamoylfluoride**				**19252-49-4**
l-g	6.3557	1582.3	0	277/290	275/292 D		79-dykrep
323	**$C_2F_5N_3O_3$**		**Fluoro(1,1,2,2-tetrafluoro-2-nitroethyl)-2-oxidediimide**				**755-68-0**
l-g	5.97425	1115.5	–67.84	257/350	247/360 C		84-dykrep
324	**C_2F_6**		**Hexafluoroethane**				**76-16-4**
cr-g	3.5363	177.66	–91.53	146/171	136/173.05 C	194.87/101.325	96-trcnh
cr-g	5.68388	572.733	–39.5	176/200	173.05/208 C		96-trcnh
l-g	5.68388 (0.434294)	572.733 (156.827)	–39.5 (–7370.8)	213/293	208/293.04 B		96-trcnh
325	**$C_2F_6HgS_2$**		***Bis*(trifluoromethyl-thio)mercury**				**900001-62-9**
l-g	7.95591	2760.59	10.7	353/423	353/423 C		84-dykrep
326	**C_2F_6IN**		***N*-Iodo-*bis*(trifluoromethyl)-amine**				**5764-87-4**
l-g	6.525	1490	0	261/318	261/318 D		79-dykrep
327	**$C_2F_6N_2$**		**Perfluoroazomethane**				**372-63-4**
l-g	6.9569	1196	0	205/242	205/242 D		79-dykrep
328	**$C_2F_6N_2O_2$**		***N*-Nitroso-*O*,*N*-*bis*(trifluoromethyl)-hydroxylamine**				**367-54-4**
l-g	6.7009	1329.1	0	272/283	270/285 C		79-dykrep
329	**$C_2F_6N_2O_2$**		**1,1,1-Trifluoro-*N*-(nitrosooxy)-*N*-(trifluoromethyl)-methanamine**				**359-75-1**
l-g	6.8409	1399	0	245/285	245/285 D		84-dykrep
330	**C_2F_6OS**		***Bis*(trifluoromethyl)-sulfoxide**				**30341-37-8**
l-g	6.717	1456	0	248/303	248/303 D		79-dykrep
331	**C_2F_6OS**		**Pentafluoroethane-sulfinyl fluoride**				**20621-31-2**
l-g	6.78405	1356.1	–10.19	234/293	224/303 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
332	**$C_2F_6OS_2$**		***S*-Trifluoromethyl-(trifluoromethyl)-thiosulfinate**				**63548-94-7**
l-g	6.6711	1605.98	0	293/353	288/363 C		84-dykrep
333	**$C_2F_6O_3$**		***Bis*(trifluoromethyl)-trioxide**				**1718-18-9**
l-g	7.84062	1712.43	37.41	193/248	183/258 C		84-dykrep
334	**$C_2F_6O_3S$**		**Trifluoromethyl trifluoromethane-sulfonate**				**3582-05-6**
l-g	5.68419	842.25	–65.5	238/294	228/304 C		84-dykrep
335	**$C_2F_6O_6S_2$**		**Fluorosulfuric acid, tetrafluoroethylene ester**				**1479-53-4**
l-g	5.2494	820.64	–123.7	295/378	285/388 C		79-dykrep
336	**C_2F_7N**		**Perfluorodimethylamine**				**359-62-6**
l-g	6.1249	972.7	0	203/233	199/239 C		79-dykrep
337	**C_2F_7N**		**Perfluoroethanamine**				**354-80-3**
l-g	6.56	1088	0	171/236	171/236 D		79-dykrep
338	**$C_2F_7NO_3S$**		**Tetrafluoro-2-(difluoroamino)ethyl fluorosulfonate**				**4188-34-5**
l-g	7	1625	0	276/326	276/326 D		79-dykrep
339	**C_2F_8OS**		**Difluoroxo*bis*-(trifluoromethyl)sulfur**				**33716-15-3**
l-g	6.85227	1771	65.76	239/299	239/299 D		84-dykrep
340	**$C_2F_8O_3S$**		**Pentafluoro(trifluoro-ethaneperoxoato)-sulfur**				**60672-61-9**
l-g	6.5996	1465.3	0	293/353	288/360 C		84-dykrep
341	**C_2F_8S**		**Difluoro*bis*(trifluoro-methyl)sulfur**				**30341-38-9**
l-g	7.125	1507	0	293/353	293/353 D		84-dykrep
342	**C_2F_8S**		**Pentafluoro(trifluoro-vinyl)sulfur**				**1186-51-2**
l-g	6.485	1310	0	293/353	293/353 D		84-dykrep
343	**$C_2F_{10}OS$**		**Pentafluoro(penta-fluorethoxy)sulfur**				**900001-56-6**
l-g	5.98633	938.91	–52.27	245/287	235/297 C		84-dykrep
344	**$C_2F_{10}O_2S$**		**Tetrafluoro*bis*-(trifluoromethoxy)-sulfur**				**2004-38-8**
l-g	6.03015	1014.52	–50.32	246/302	236/312 C		84-dykrep
345	**$C_2F_{10}O_3S_2$**		**Pentafluoro[1,2,2,2-tetrafluoro-1-[(fluorosulfonyl)oxy]-ethyl]sulfur**				**68010-32-2**
l-g	7.105	1819	0	293/353	293/353 D		84-dykrep
346	**$C_2F_{10}S$**		***trans*-Tetrafluoro*bis*-(trifluoromethyl)sulfur**				**42179-02-2**
l-g	6.1519	1217.6	0	233/293	233/293 D		84-dykrep
347	**$C_2F_{11}NS$**		**[*Bis*(trifluoromethyl)-amino]sulfur pentafluoride**				**13888-13-6**
l-g	6.995	1530	0	233/306	233/306 D		79-dykrep
348	**$C_2F_{14}S_2$**		**Octafluoro*bis*-(trifluoromethyl)-disulfur**				**1580-11-6**
l-g	6.945	1792	0	293/353	293/353 D		84-dykrep
349	**$C_2FeN_2O_4$**		**Dicarbonyldinitrosyl-iron**				**13682-74-1**
cr-g	8.8419	2467	0	272/291	272/295 D		79-dykrep
l-g	7.3139	2021	0	297/356	295/356 D		79-dykrep
350	**C_2HAsF_6**		***Bis*(trifluoromethyl)-arsine**				**371-74-4**
l-g	5.57793	852.74	–55.27	207/273	197/283 C		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
351	**C_2HBr**		**Bromoacetylene**				**593-61-3**
l-g	6.16471	1017.107	–32.819	214/272	212/280 B	277.38/101.325	38-baseme
352	**$C_2HBrClF_3$**		**1-Bromo-1-chloro-2,2,2-trifluoroethane**				**151-67-7**
l-g	5.86729	1020.409	–59.110	226/323	225/325 B	323.36/101.325	63-botsei, 80-gmeonk, 85-pasvar
353	**$C_2HBrClF_3$**		**1-Bromo-2-chloro-1,1,2-trifluoroethane**				**354-06-3**
l-g	5.85639	1019.527	–60.839	303/326	303/328 B	325.61/101.325	81-majsvo
354	**$C_2HBrClF_3$**		**2-Bromo-1-chloro-1,1,2-trifluoroethane**				**354-20-1**
l-g	6.676	1516.2	0	245/330	235/350 C		94-trcnh
355	**$C_2HBr_2Cl_2F$**		**1,2-Dibromo-1,2-dichlorofluoroethane**				**421-33-0**
l-g	6.974	2169.2	0	335/440	320/465 D		94-trcnh
356	**$C_2HBr_2FO_2$**		**Dibromofluoroacetic acid**				**353-99-1**
l-g	7.22386	2029.9	–81.99	403/468	393/478 D		79-dykrep
357	**$C_2HBr_2F_2$**		**1,2-Dibromo-1,1-difluoroethane**				**421-36-3**
l-g	6.763	1864.0	0	295/395	285/420 C		94-trcnh
358	**$C_2HBr_2F_3$**		**1,1-Dibromo-2,2,2-trifluoroethane**				**354-30-3**
l-g	6.8	1659.6	0	270/350	250/370 D		94-trcnh
359	**$C_2HBr_2F_3$**		**1,2-Dibromotrifluoro-ethane**				**354-04-1**
l-g	6.8	1671.6	0	265/350	255/350 C		94-trcnh
360	**C_2HCl**		**Chloroacetylene**				**593-63-5**
l-g	5.67668	717.766	–45.838	205/238	205/242 B	241.36/101.325	38-baseme
361	**C_2HClF_2**		**1-Chloro-2,2-difluoroethylene**				**359-10-4**
l-g	6.17111	931.247	–31.021	184/401	184/405 B	254.59/101.325	55-measta
362	**C_2HClF_4**		**1-Chloro-1,1,2,2-tetrafluoroethane**				**354-25-6**
l-g	6.2571	1006.84	–24.55	194/278	184/263 B	261.41/101.325	95-trcnh
l-g	6.2571 (0.434294)	1006.84 (–538)	–24.55 (30952.2)	278/399	263/399.8 B		95-trcnh
363	**C_2HClF_4**		**1-Chloro-1,2,2,2-tetrafluoroethane**				**2837-89-0**
l-g	7.18237	1650.655	60.417	278/396	275/398 B	334.25/1000	86-kubtan Note 4
364	**C_2HClF_8S**		**Pentafluoro-(2-chloro-1,1,2-trifluoroethyl)-sulfur(vi)**				**22756-13-4**
l-g	6.801	1580	0	279/323	279/323 D		79-dykrep
365	**$C_2HCl_2F_3$**		**1,1-Dichloro-2,2,2-trifluoroethane**				**306-83-2**
l-g	6.25094	1167.630	–25.593	273/327	270/327 B	300.64/101.325	27-kur
l-g	6.13668	1085.581	–38.228	323/387	323/387 B	384.32/1000	27-kur, 91-piasat, 90-web
l-g	7.68868	2471.531	142.808	383/426	383/426 B	384.32/1000	27-kur, 91-piasat, 90-web
l-g	7.39664	2126.665	98.751	418/458	418/460 B	420.50/2000	27-kur, 91-piasat, 90-web

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
366	**$C_2HCl_2F_3$**		**1,2-Dichloro-1,1,2-trifluoroethane**				**7126-00-3**
l-g	6.37203	1249.433	–16.528	303/393	303/401 B	302.68/101.325	27-kur, 92-takkus
l-g	8.36412	3371.064	242.045	398/458	398/458 B	423.77/2000	27-kur, 92-takkus
367	**C_2HCl_3**		**Trichloroethylene**				**79-01-6**
l-g	6.27434	1380.130	–36.672	229/369	229/370 B	359.99/101.325	71-gol, 62-pod
368	**$C_2HCl_3F_2$**		**1,1,1-Trichloro-2,2-difluoroethane**				**354-12-1**
l-g	5.66	997.51	–73.15	266/370	249/380 C	346.15/101.325	95-trcnh
369	**$C_2HCl_3F_2$**		**1,1,2-Trichloro-1,2-difluoroethane**				**354-15-4**
l-g	5.658	995.29	–73.15	268/350	249/379 B	345.65/101.325	95-trcnh
370	**$C_2HCl_3F_2$**		**1,2,2-Trichloro-1,1-difluoroethane**				**354-21-2**
l-g	5.656	992.64	–73.15	270/369	248/379 C	345.05/101.325	95-trcnh
371	**$C_2HCl_3F_2O_3S$**		**2-Fluoro-1,1,2-trichloroethyl fluorosulfonate**				**42087-88-7**
l-g	6.555	1911	0	317/353	317/353 D		84-dykrep
372	**C_2HCl_3O**		**Trichloroacetaldehyde**				**75-87-6**
l-g	6.39135	1503.93	–28.03	235/371	225/381 C		79-dykrep
373	**$C_2HCl_3O_2$**		**Trichlorethanoic acid**				**76-03-9**
l-g	6.43547	1618.97	–105.27	326/473	316/483 B		79-dykrep
374	**C_2HCl_4F**		**1,1,1,2-Tetrachloro-2-fluoroethane**				**354-11-0**
l-g	4.994	738.26	–143.15	310/395	290/427 B	390.15/101.325	95-trcnh
375	**C_2HCl_4F**		**1,1,2,2-Tetrachloro-1-fluoroethane**				**354-14-3**
l-g	4.992	736.389	–143.15	310/392	290/425 C	389.75/101.325	95-trcnh
376	**C_2HCl_4FS**		**(Dichloromethyl)-(fluorodichloro-methyl)sulfide**				**900001-57-7**
l-g	7.71867	2427.19	0	322/352	322/352 C		84-dykrep
377	**C_2HCl_5**		**Pentachloroethane**				**76-01-7**
l-g	5.7199	1295.67	–84.19	292/463	382/473 B	433.03/101.325	73-trcnh
378	**$C_2HF_3O_2$**		**Trifluoroacetic acid**				**76-05-1**
l-g	6.59971	1408.69	–38.29	285/345	275/355 C		79-dykrep
379	**C_2HF_5**		**Pentafluoroethane**				**354-33-6**
l-g	6.13392	800.869	–31.06	176/240	170.2/240 B	225.15/101.325	96-trcnh
l-g	6.13392 (0.434294)	800.869 (164.96)	–31.06 (–6993.2)	248/339	240/339.17 B		96-trcnh
380	**C_2HF_6N**		***Bis*(trifluoromethyl)-amine**				**371-77-7**
l-g	7.021	1335	0	207/265	205/265 D		79-dykrep
381	**C_2HF_6OP**		***Bis*(trifluoromethyl)-phosphinous acid**				**359-65-9**
cr-g	8.9384	1998.3	–22.75	233/251	231/255 C		79-dykrep
382	**C_2HF_6OPS**		***Bis*(trifluoromethyl)-phosphinothioic acid**				**35814-49-4**
l-g	7.1782	2001	0	283/324	283/324 D		79-dykrep
383	**$C_2HF_6PS_2$**		**Phosphinodithioic acid, *bis*(trifluoromethyl)-ester**				**18799-75-2**
cr-g	8.0279	2188	0	273/287	269/287 D		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
384	**$C_2HF_6PS_2$**		**Thiophosphinous acid, *bis*(trifluoromethyl)-ester**				**1486-19-7**
l-g	6.98036	1561.96	–12.18	217/280	207/290 C		79-dykrep
l-g	5.89755	1225.71	–63.57	291/315	287/325 C		79-dykrep
385	**C_2HF_7S**		**Pentafluoro(2,2-difluoroethenyl)sulfur**				**58636-78-5**
l-g	6.815	1447.6	0	293/353	293/353 D		84-dykrep
386	**C_2HF_9S**		**Pentafluoro(1,2,2,2-tetrafluoroethylsulfur**				**63011-80-3**
l-g	6.885	1463	0	293/353	293/353 D		84-dykrep
387	**$C_2H_2AsCl_3$**		**Dichloro-*cis*-(2-chlorovinyl)arsine**				**34461-56-8**
l-g	4.61278	785.09	–157.5	345/383	335/393 C		79-dykrep
388	**$C_2H_2AsCl_3$**		**Dichloro-*trans*-(2-chlorovinyl)arsine**				**50361-05-2**
l-g	7.7779	2648	0	273/373	273/373 D		79-dykrep
389	**$C_2H_2BrClF_2$**		**2-Bromo-1-chloro-1,1-difluoroethane**				**421-01-2**
l-g	6.639	1580.5	0	260/345	245/365 D		94-trcnh
390	**$C_2H_2BrCl_2F$**		**1-Bromo-1,2-dichloro-2-fluoroethane**				**430-88-6**
l-g	6.796	1907.4	0	310/400	290/424 D		90-trcnh
391	**$C_2H_2BrF_3$**		**1-Bromo-2,2,2-trifluoroethane**				**421-06-7**
l-g	6.552	1361.3	0	230/315	215/325 C		94-trcnh
392	**$C_2H_2Br_2$**		***cis*-1,2-Dibromoethylene**				**590-11-4**
l-g	6.96656	1812.020	–21.691	299/351	295/360 B	325.39/10	50-noynoy
393	**$C_2H_2Br_2$**		***trans*-1,2-Dibromoethylene**				**590-12-5**
l-g	5.83464	1315.936	–43.217	277/344	277/350 C	315.41/10	50-noynoy
394	**$C_2H_2Br_2Cl_2$**		**1,2-Dibromo-1,1-dichloroethane**				**75-81-0**
l-g	6.16090	1592.506	–68.183	354/519	294/520 A	451.44/101.325	59-dre-1
395	**$C_2H_2Br_2Cl_2$**		**1,2-Dibromo-1,2-dichloroethane**				**683-68-1**
l-g	8.13570	3124.797	46.523	298/394	298/400 C	391.39/10	39-mulsch
396	**$C_2H_2Br_2F_2$**		**1,2-Dibromo-1,1-difluoroethane**				**75-82-1**
l-g	6.763	1742.7	0	280/375	270/395 C		94-trcnh
397	**$C_2H_2Br_4$**		**1,1,1,2-Tetrabromoethane**				**630-16-0**
l-g	7.95615	2594.111	–37.406	331/473	330/480 C	473.36/101.325	47-stu
398	**$C_2H_2Br_4$**		**1,1,2,2,-Tetrabromoethane**				**79-27-6**
l-g	6.50284	1963	–80.15	413/573	403/583 C	516.65/101.325	79-dykrep
399	**C_2H_2ClFO**		**Chloroacetyl fluoride**				**359-14-8**
l-g	7.7279	1982.5	0	273/333	273/333 D		79-dykrep
400	**C_2H_2ClFO**		**Fluoroacetyl chloride**				**359-06-8**
l-g	7.6203	1916.6	0	273/333	273/333 D		79-dykrep
401	**$C_2H_2ClF_3$**		**1-Chloro-2,2,2-trifluoroethane**				**75-88-7**
l-g	6.6726	1323.2	4.25	210/290	200/300 C		95-trcnh
402	**$C_2H_2ClF_3$**		**2-Chloro-1,1,1-trifluoroethane**				**421-47-6**
l-g	6.6726	1323.2	4.29	203/298	193/308 B	279.25/101.325	88-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
403	**$C_2H_2ClF_3O_2S$**		**2,2,2-Trifluoroethane-sulfonyl chloride**				**1648-99-3**
l-g	7.045	1881	0	293/353	293/353 D		84-dykrep
404	**$C_2H_2Cl_2$**		**1,1-Dichloroethylene**				**75-35-4**
l-g	6.13240	1103.643	–37.276	240/305	220/305 C	304.72/101.325	59-hilmcd, 47-stu
405	**$C_2H_2Cl_2$**		***cis*-1,2-Dichloroethylene**				**156-59-2**
l-g	6.99510	1659.237	0	240/278	240/276 C	263.53/5	47-ketvan
l-g	6.10163	1180.589	–45.322	279/373	275/375 B	333.56/101.325	47-ketvan
406	**$C_2H_2Cl_2$**		***trans*-1,2-Dichloroethylene**				**156-60-5**
l-g	6.00172	1089.497	–48.175	270/347	271/347 B	320.82/101.325	72-bouaim, 47-ketvan
l-g	6.38964	1307.342	–22.901	346/517	347/517 B	377.13/500	72-bouaim, 47-ketvan
407	**$C_2H_2Cl_2F_2$**		**1,1-Dichloro-2,2-difluoroethane**				**471-43-2**
l-g	5.855	1077.8	–53.15	255/340	240/360 C		95-trcnh
408	**$C_2H_2Cl_2F_2$**		**1,2-Dichloro-1,1-difluoroethane**				**1649-08-7**
l-g	5.66562	894.15	–74.99	248/343	232/326 B	319.78/101.325	95-trcnh
l-g	5.66562 (0.434294)	894.15 (21.711)	–74.99 (8764.1)	343/495	326/495.15 B		95-trcnh
409	**$C_2H_2Cl_2F_7S$**		**Pentafluoro(2,2-difluoro-2-chloroethyl)sulfur**				**68010-35-5**
l-g	7.005	1719.9	0	293/353	293/353 D		84-dykrep
410	**$C_2H_2Cl_2O$**		**Chloroacetyl chloride**				**79-04-9**
l-g	6.25901	1331.94	–65.97	253/379	243/389 B		79-dykrep
411	**$C_2H_2Cl_2O_2$**		**Dichloroacetic acid**				**79-43-6**
l-g	7.47122	2385.6	–31.2	317/468	307/478 C		79-dykrep
412	**$C_2H_2Cl_3F$**		**1,1,2-Trichloro-1-fluoroethane**				**811-95-0**
l-g	5.225	814.47	–108.15	280/370	265/395 B	361.15/101.325	95-trcnh
413	**$C_2H_2Cl_4$**		**1,1,1,2-Tetrachloroethane**				**630-20-6**
l-g	6.03015	1369.87	–62.96	302/430	292/440 B	403.35/101.325	73-trcnh
414	**$C_2H_2Cl_4$**		**1,1,2,2-Tetrachloroethane**				**79-34-5**
l-g	6.1295	1444.3	–68.05	285/445	275/455 B	418.25/101.325	73-trcnh
415	**$C_2H_2Cl_4S$**		***Bis*(dichloromethyl)-sulfide**				**51174-93-7**
l-g	7.373	2484.5	0	355/462	355/462 D		79-dykrep
416	**C_2H_2FN**		**Fluoroacetonitrile**				**503-20-8**
l-g	7.7211	1992.8	0	273/333	263/343 C		79-dykrep
417	**$C_2H_2F_2$**		**1,1-Difluoroethylene**				**75-38-7**
l-g	6.32354	813.711	0.999	165/304	155/305 B	187.45/101.325	55-measta
418	**$C_2H_2F_3NO$**		**2,2,2-Trifluoroacetamide**				**354-38-1**
cr-g	7.47964	1660.07	–112.457	287/329	277/339 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
419	**$C_2H_2F_4$**		**1,1,1,2-Tetrafluoroethane**				**811-97-2**
l-g	6.28071	923.241	–31.012	210/269	210/270 B	246.98/101.325	89-baswil
l-g	6.39439	985.635	–22.159	263/326	263/326 B	288.88/500	89-baswil, 89-piasat
l-g	7.33926	1648.651	67.569	318/375	318/375 B	340.69/2000	89-baswil, 89-piasat
420	**$C_2H_2F_4$**		**1,1,2,2-Tetrafluoroethane**				**359-35-3**
l-g	5.70382	672.072	–72.859	200/309	200/300 D	254.59/101.325	91-maesat-1
l-g	6.62564	1148.818	–4.085	300/392	308/395 C	337.12/1500	91-maesat-1, 92-tamsat
421	**$C_2H_2F_4O_2S$**		**2,2,2-Trifluoroethyl fluorosulfinate**				**75988-14-6**
l-g	7.305	1755	0	L	C	331.18/101.325	75-demkov-1 Note 10
422	**$C_2H_2F_6P_2$**		**1,2-*Bis*(trifluoromethyl)-diphosphine**				**462-57-7**
l-g	6.2761	1285.03	–40.38	233/292	223/302 C		84-dykrep
423	**$C_2H_2F_8S$**		**Pentafluoro(2,2,2-trifluoroethyl)sulfur**				**65227-29-4**
l-g	6.895	1530.8	0	293/353	293/353 D		84-dykrep
424	**$C_2H_2F_8S$**		**Tetrafluoro(fluoro-methyl)(trifluoro-methyl)sulfur**				**56919-36-9**
l-g	6.325	1425	0	293/353	293/353 D		84-dykrep
425	**$C_2H_2I_2$**		***cis*-Diiodoethylene**				**590-26-1**
l-g	6.33091	1715.030	–64.903	334/425	332/430 D	386.62/10	50-noynoy
426	**$C_2H_2I_2$**		***trans*-Diiodoethylene**				**590-27-2**
cr-g	4.87962	2072.230	–3.764	265/293	265/293 C	266.75/0.001	33-brofra
l-g	7.45133	2780.640	46.109	350/404	350/408 C	384.91/10	33-brofra, 50-noynoy
427	**C_2H_3Br**		**Bromoethylene**				**593-60-2**
l-g						288.85/101.325	34-meh, 37-schwei
428	**C_2H_3BrClF**		**2-Bromo-2-chloro-1-fluoroethane**				**430-54-6**
l-g	6.71	1672.5	0	280/360	270/400 C		94-trcnh
429	**C_2H_3BrO**		**Acetyl bromide**				**506-96-7**
l-g	4.3953	573.3	–118.15	289/334	279/344 C		79-dykrep
430	**C_2H_3BrSi**		**(Bromoethynyl)silane**				**68196-78-1**
l-g	7.3189	1763	0	293/353	293/353 D		84-dykrep
431	**$C_2H_3Br_3$**		**1,1,2-Tribromoethane**				**78-74-0**
l-g	6.55403	1834.999	–58.529	305/512	305/515 C	461.98/101.325	47-stu
432	**C_2H_3Cl**		**Vinylchloride**				**75-01-4**
l-g	5.99348	895.539	–34.816	187/259	185/259 B	259.39/101.325	67-hacmat, 59-mcdshr
l-g	5.21029	559.842	–84.717	259/327	259/328 B	259.42/101.325	46-roztem
433	**$C_2H_3ClF_2$**		**1-Chloro-1,1-difluoroethane**				**75-68-3**
l-g	6.05053	928.645	–34.46	205/283	186/273 B	263/101.325	95-trcnh
l-g	6.05053 (0.434294)	928.645 (115.85)	–34.46 (–3920.5)	283/410	273/410.3 B		95-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
434	**$C_2H_3ClF_2$**		**2-Chloro-1,1-difluoroethane**				**338-65-8**
l-g	5.765	977.89	–48.15	230/310	217/335 B	308.25/101.325	95-trcnh
435	**$C_2H_3ClF_6OS$**		**Pentafluoro(2-fluoro-2-chloroethoxy)sulfur**				**900001-58-3**
l-g	6.36179	1372.37	–47.59	285/363	275/373 C		84-dykrep
436	**C_2H_3ClGe**		**(Chloroethynyl)-germane**				**68196-76-9**
l-g	7.3569	1761	0	293/353	293/353 D		84-dykrep
437	**C_2H_3ClO**		**Acetyl chloride**				**75-36-5**
l-g	5.96568	1062.86	–55.53	267/324	260/334 C		79-dykrep
438	**$C_2H_3ClO_2$**		**Chloroethanoic acid**				**79-11-8**
l-g	6.69087	1733.96	–92.15	336/463	326/473 C		79-dykrep
439	**C_2H_3ClSi**		**(Chloroethynyl)silane**				**58468-21-6**
l-g	7.3879	1645	0	293/353	293/353 D		84-dykrep
440	**$C_2H_3Cl_2F$**		**1,1-Dichloro-1-fluoroethane**				**1717-00-6**
l-g	5.72513	890.790	–65.479	200/400	200/400 D	304.98/101.325	91-maesat-1
441	**$C_2H_3Cl_2F$**		**1,2-Dichloro-1-fluoroethane**				**430-57-9**
l-g	5.525	945.96	–78.15	265/350	260/381 B	346.95/101.325	95-trcnh
442	**$C_2H_3Cl_3$**		**1,1,1-Trichloroethane**				**71-55-6**
l-g	5.96954	1172.17	–51.515	258/371	243/381 B	347.23/101.325	73-trcnh
443	**$C_2H_3Cl_3$**		**1,1,2-Trichloroethane**				**79-00-5**
l-g	6.10301	1332.6	–61.77	291/412	281/422 B	387/101.325	73-trcnh
444	**$C_2H_3Cl_3O_2$**		**Chloral hydrate**				**302-17-0**
cr-g	9.6406	2865.22	8.58	263/320	263/325 C		79-dykrep
l-g	9.02003	2590.78	0	325/370	325/380 C		79-dykrep
445	**$C_2H_3Cl_3Si$**		**Trichlorovinylsilane**				**75-94-5**
l-g	6.3257	1440.2	–30.55	299/364	289/374 C		79-dykrep
446	**$C_2H_3Cl_5Si$**		**(1,2-Dichloroethyl)-trichlorsilane**				**684-00-4**
l-g	7.06049	2227	–13.15	334/454	324/464 C		79-dykrep
447	**C_2H_3F**		**Fluoroethylene**				**75-02-5**
l-g	6.00010	750.300	–13.203	140/201	135/210 C	201.04/101.325	54-hed, 66-kreamb
l-g	7.43117	1649.942	115.526	245/328	240/329 B	256.82/1000	66-kreamb, 47-stu
448	**C_2H_3FO**		**Acetyl fluoride**				**557-99-3**
l-g	4.578	748.1	0	195/291	195/391 D		79-dykrep
449	**$C_2H_3FO_2$**		**Fluoroethanoic acid**				**144-49-0**
l-g	8.25875	2775.1	2.46	293/443	286/450 C		79-dykrep
450	**$C_2H_3F_3$**		**1,1,1-Trifluoroethane**				**420-46-2**
l-g	6.068	801.34	–28.6	170/235	157/241 B	225.75/101.325	96-trcnh
451	**$C_2H_3F_3$**		**1,1,2-Trifluoroethane**				**430-66-0**
l-g	6.13152	928.177	–51.88	211/294	202/308 B	278.15/101.325	96-trcnh
l-g	6.068 (0.434294)	801.34 (63.440)	–28.6 (–981.56)	243/346	241/346.3 B		96-trcnh
l-g	6.13152 (0.434294)	928.177 (8.924)	–51.88 (–587.53)	298/430	308/429.8 B		96-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
452	**$C_2H_3F_3N_2$**		**1,1,1-Trifluoroazomethane**				**690-21-1**
l-g	7.0009	1377	0	240/273	230/283 C		87-trcsp
453	**$C_2H_3F_3O$**		**2,2,2-Trifluoroethanol**				**75-89-8**
l-g	6.9499	1398.4	–64.17	296/323	286/334 A		88-coomor
454	**$C_2H_3F_3O_2S$**		**Methyl trifluoromethane-sulfinate**				**333-27-7**
l-g	6.795	1656	0	293/353	293/353 D		84-dykrep
455	**$C_2H_3F_3O_2Si$**		**Silyl(trifluoroacetate)**				**6876-44-4**
l-g	7.2929	1604	0	273/293	269/296 D		84-dykrep
456	**$C_2H_3F_3Se$**		**Methyl(trifluoro-methyl)selenide**				**1544-45-2**
l-g	6.785	1448	0	209/294	209/294 D		84-dykrep
457	**$C_2H_3F_5O_3S$**		**Pentafluoro(ethan-peroxoate)sulfur**				**60672-60-8**
l-g	7.0303	1895	0	293/353	293/353 D		84-dykrep
458	**C_2H_3I**		**Iodoethene**				**593-66-8**
l-g	5.82767	1077.79	–47.15	329.15/329.15	309/339 C	329.15/101.325	87-trcsp
459	**C_2H_3IO**		**Acetyl iodide**				**507-02-8**
l-g	3.00167	285.36	–177.53	276/302	272/308 B		79-dykrep
460	**C_2H_4BrCl**		**1-Bromo-1-chloroethane**				**593-96-4**
l-g	5.12827	770.190	–109.259	237/355	237/356 D	355.91/101.325	47-stu
461	**C_2H_4BrCl**		**1-Bromo-2-chloroethane**				**107-04-0**
l-g	6.39201	1498.554	–38.105	244/280	240/285 B	379.75/101.325	47-stu
462	**C_2H_4BrF**		**1-Bromo-1-fluoroethane**				**2311-13-9**
l-g	6.54792	1565.9	0	260/350	250/370 C		94-trcnh
463	**C_2H_4BrF**		**1-Bromo-2-fluoroethane**				**762-49-2**
l-g	6.548	1554.1	0	260/355	245/370 C		94-trcnh
464	**$C_2H_4Br_2$**		**1,1-Dibromoethane**				**557-91-5**
l-g	6.3303	1412	–54.65	289/405	279/415 B	381.15/101.325	56-trcnh
465	**$C_2H_4Br_2$**		**1,2-Dibromoethane**				**106-93-4**
cr-g2	9.85022	2818.655	0	228/248	228/252 C	237.86/0.01	48-nitsek-3
cr-g1	9.00887	2606.490	0	251/281	251/281 C	260.42/0.1	48-nitsek-3
l-g	6.26105	1518.760	–47.667	285/405	285/405 C	404.57/101.325	59-dre-1, 49-dremar, 49-dreshr
466	**C_2H_4ClF**		**1-Chloro-1-fluoroethane**				**1615-75-4**
l-g	5.738	918.71	–43.15	218/310	202/320 B	289.3/101.325	95-trcnh
467	**C_2H_4ClF**		**1-Chloro-2-fluoroethane**				**762-50-5**
l-g	8.24095	2412.263	60.958	288/327	285/329 B	325.92/101.325	52-shavar
468	**$C_2H_4ClN_3$**		**1-Chloro-2-azidoethane**				**53422-48-3**
l-g	7.8361	2287.3	0	273/333	273/333 D		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
469	**$C_2H_4Cl_2$**		**1,1-Dichloroethane**				**75-34-3**
l-g	6.1678	1201.05	–41.88	228/352	218/362 B	330.45/101.325	73-trcnh
470	**$C_2H_4Cl_2$**		**1,2-Dichloroethane**				**107-06-2**
l-g	6.28356	1341.37	–43.1	240/265	230/265 B	356.66/101.325	77-trcnh
l-g	6.28356	1341.37	–43.1	265/380	265/395 A		73-trcnh
471	**$C_2H_4Cl_2S$**		**Chloromethyl sulfide**				**3592-44-7**
l-g	7.4896	2358.2	0	320/430	310/440 C		79-dykrep
472	**$C_2H_4Cl_6Si_2$**		**1,1,1,3,3,3-Hexachloro-2-methyl-1,3-disilapropane**				**18076-92-1**
l-g	7.2338	2425	0	328/453	328/453 D		79-dykrep
473	**$C_2H_4Cl_6Si_2$**		**1,1,1,4,4,4-Hexachloro-1,4-disilabutane**				**2504-64-5**
l-g	6.94521	2242	–22.15	364/476	354/486 C		79-dykrep
474	**$C_2H_4FNO_2$**		**2-Fluoroethyl nitrate**				**4528-33-0**
l-g	7.955	2000	0	273/333	273/333 D		79-dykrep
475	**$C_2H_4F_2$**		**1,1-Difluoroethane**				**75-37-6**
l-g	7.55156	1345.26	30	156/175	150/182 B	247.35/101.325	96-trcnh
l-g	5.75231	735.16	–52.88	188/260	182/266 B		96-trcnh
l-g	5.75231 (0.434294)	735.16 (72.728)	–52.88 (–1421.1)	268/386	266/386.4 B		96-trcnh
476	**$C_2H_4F_2$**		**1,2-Difluoroethane**				**624-72-6**
l-g	6.052	1054.02	–23.15	210/300	206/314 C	283.65/101.325	96-trcnh
477	**$C_2H_4F_3OP$**		**Methyl(trifluoro-methyl)phosphinite**				**6395-71-7**
l-g	6.29667	1174.8	–36.24	194/291	184/301 C		84-dykrep
478	**$C_2H_4F_6OS$**		**Pentafluoro(2-fluoroethoxy)sulfur**				**900001-59-4**
l-g	5.75548	1023.87	–89.39	290/364	280/374 C		84-dykrep
479	**$C_2H_4I_2$**		**1,1-Diiodoethane**				**594-02-5**
l-g	3.97798	757.35	–68.15	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
480	**$C_2H_4I_2$**		**1,2-Diiodoethane**				**624-73-7**
l-g	6.11324	1647.1	–72.15	371/526	361/536 C	473.15/101.325	79-dykrep
481	**$C_2H_5AsBr_2$**		**Dibromoethylarsine**				**683-43-2**
l-g	7.62048	2608.7	0	273/333	273/333 D		79-dykrep
482	**$C_2H_5AsCl_2$**		**Dichloroethylarsine**				**598-14-1**
l-g	5.33629	1035.2	–117.7	343/429	333/439 C		79-dykrep
483	**$C_2H_5AsF_2$**		**Ethyldifluoroarsine**				**430-40-0**
l-g	6.78565	1608.3	–30.17	248/368	238/378 C		79-dykrep
484	**$C_2H_5BCl_2O$**		**Dichloroethoxyborane**				**16339-28-9**
l-g	5.8879	1101.1	–67.4	229/351	219/361 C		79-dykrep
485	**C_2H_5Br**		**Bromoethane**				**74-96-4**
l-g	6.04485	1090.81	–41.44	231/333	221/343 B	311.5/101.325	56-trcnh
486	**C_2H_5BrHg**		**Bromoethylmercury**				**107-26-6**
cr-g	9.5709	3994	0	285/303	283/303 D		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
487	**C_2H_5Cl**		**Chloroethane**				**75-00-3**
l-g	6.18552	1065.08	–30.63	197/211	187/211 B	285.42/101.325	77-trcnh
l-g	6.09088	1020.63	–35.58	211/305	211/322 A		81-trcnh
488	**C_2H_5ClO**		**2-Chloroethanol**				**107-07-3**
l-g	7.6496	2262.5	0	328/401	318/411 C		79-dykrep
489	**C_2H_5ClO**		**Chlorodimethyl ether**				**107-30-2**
l-g	6.259	1240	–43.15	290/332	290/332 D		79-dykrep
490	**$C_2H_5ClO_2S$**		**Ethylsulfonyl chloride**				**594-44-5**
l-g	9.293	2943.7	0	233/263	229/269 D		79-dykrep
491	**$C_2H_5Cl_2FSi$**		**Dichloroethylfluoro-silane**				**421-22-7**
l-g	6.806	1609.5	0	243/333	243/333 D		79-dykrep
492	**$C_2H_5Cl_2P$**		**Dichloroethyl-phosphine**				**1498-40-4**
l-g	5.464	1029	–87.75	313/385	313/385 D		79-dykrep
493	**$C_2H_5Cl_3OSi$**		**Trichloroethoxysilane**				**1825-82-7**
l-g	6.29033	1438.83	–39.83	241/376	231/386 C		79-dykrep
494	**$C_2H_5Cl_3Si$**		**Dichloromethyl-(chloromethyl)silane**				**1558-33-4**
l-g	6.055	1265	–79.15	335/398	325/408 C		79-dykrep
495	**$C_2H_5Cl_3Si$**		**Ethyltrichlorosilane**				**115-21-9**
l-g	6.05229	1305.17	–49.72	303/372	293/382 C		79-dykrep
496	**C_2H_5F**		**Fluoroethane**				**353-36-6**
l-g	6.21998	897.368	–22.49	180/240	164/251 B	235.75/101.325	96-trcnh
l-g	6.21998	897.368	–22.49	258/375	251/375.28 B		96-trcnh
	(0.434294)	(352.246)	(–24619.)				
497	**C_2H_5FO**		**2-Fluoroethanol**				**371-62-0**
l-g	8.185	2304	0	273/333	265/340 D		79-dykrep
498	**$C_2H_5FO_3S$**		**Ethyl fluorosulfate**				**371-69-7**
l-g	7.2129	2010.7	0	273/385	263/395 C		79-dykrep
499	**$C_2H_5F_2N$**		***N*,*N*-Difluoroethanamine**				**758-18-9**
l-g	6.04079	1009.53	–39.78	241/259	237/265 C		79-dykrep
500	**$C_2H_5F_3NP$**		**Amide methyl(trifluoro-methyl)phosphinite**				**4669-74-3**
l-g	6.36104	1311.91	–48.47	238/294	228/304 C		84-dykrep
501	**$C_2H_5F_3OSi$**		**Ethoxytrifluorosilicon**				**460-55-9**
cr-g	4.329	358.5	–115.1	206/248	196/258 D		79-dykrep
502	**$C_2H_5F_3Si$**		**Trifluoroethylsilane**				**353-89-9**
l-g	6.61516	1165.14	–16.33	201/269	191/279 C		79-dykrep
503	**C_2H_5HgI**		**Ethylmercuriiodide**				**2440-42-8**
cr-g	10.277	4163	0	286/303	284/307 D		79-dykrep
504	**C_2H_5I**		**Iodoethane**				**75-03-6**
l-g	5.95688	1175.71	–47.89	256/369	245/380 B	345.45/101.325	56-trcnh
505	**$C_2H_6BCl_2N$**		**Dichloro(dimethyl-amino)borane**				**1113-31-1**
l-g	6.10345	1392.6	–47.82	283/343	273/353 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
506	**$C_2H_6BF_3O$**		**Dimethyl ether-boron trifluoride(1:1)-complex**				**353-42-4**
l-g	8.9309	2775	0	311/346	301/356 C		79-dykrep
507	**$C_2H_6BF_3S$**		**Dimethyl sulfide-boron trifluoride(1:1)-complex**				**353-43-5**
l-g	8.9309	2227	0	273/298	270/300 D		79-dykrep
508	**C_2H_6ClP**		**Chlorodimethyl-phosphine**				**811-62-1**
cr-g	11.316		2899.98 0	233/268	223/278 C		84-dykrep
509	**$C_2H_6Cl_2Ge$**		**Dichlorodimethyl-germane**				**1529-48-2**
l-g	6.22804	1454.93	–51.93	251/396	241/406 C		79-dykrep
510	**$C_2H_6Cl_2OSi$**		**Dichloroethoxysilane**				**6485-90-1**
l-g	7.0253	1744.5	0	273/335	263/345 C		84-dykrep
511	**$C_2H_6Cl_2Si$**		**Dichlorodimethyl-silane**				**75-78-5**
l-g	6.26844	1328	–32.15	263/346	253/356 C		79-dykrep
512	**$C_2H_6Cl_2Si$**		**Dichloroethylsilane**				**1789-58-8**
l-g	6.73916	1664	2.85	279/347	279/350 C		79-dykrep
513	**$C_2H_6Cl_4Si_2$**		**1,2,2,2-Tetrachloro-1,1-dimethyldisilane**				**26980-43-8**
l-g	6.26977	1680.79	–36.31	300/376	290/386 C		84-dykrep
514	**$C_2H_6FO_3P$**		**Dimethylphospho-fluoridate**				**5954-50-7**
l-g	7.55	2319.5	1	273/333	273/333 D		79-dykrep
515	**$C_2H_6F_3NS$**		**(Dimethylamino)-sulfur trifluoride**				**3880-03-3**
l-g	7.4185	2115.3	0	296/327	292/333 C		79-dykrep
516	**$C_2H_7ClO_2Si$**		**Chlorodimethoxy-silane**				**4861-14-7**
l-g	7.1865	1774	0	293/353	283/363 C		84-dykrep
517	**C_2H_7ClSi**		**Chlorodimethylsilane**				**1066-35-9**
l-g	6.741	1458	0	273/296	279/292 D		84-dykrep
518	**C_2H_7FGe**		**Fluorodimethyl-germane**				**34117-35-6**
l-g	7.5349	1822	0	242/278	242/278 D		84-dykrep
519	**C_2H_8ClN**		**Dimethylammonium chloride**				**506-59-2**
l-g	10.5159	4994.8	0	439/533	429/543 C		79-dykrep
520	**C_2H_8ClN**		**Ethylammonium chloride**				**557-66-4**
l-g	4.1609	1794.4	0	382/480	372/490 C		79-dykrep
521	**$C_2H_9FOSi_2$**		**1-Fluoro-1,3-dimethyldisiloxane**				**35192-38-2**
l-g	5.44743	1162.74	1.32	195/250	192/255 C		84-dykrep

4.3 Halogen Containing Organic Compounds, C_3 to C_4

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
522	**C_3AsF_9**		**Tris(trifluoromethyl)-arsine**				**432-02-0**
l-g	6.9909	1528	0	250/301	250/301 D		84-dykrep
523	**$C_3BF_9S_3$**		**Tris(trifluoro-methylthio)borane(3)**				**36884-78-3**
l-g	6.44805	1772.54	0	242/298	242/298 D		84-dykrep
524	**$C_3BrClF_6O_4$**		**1,1,2,3,3,3-Hexafluoro-2-bromopropyl perchlorate**				**38126-26-0**
l-g	7.25954	1991.14	0	273/293	273/293 D		84-dykrep
525	**C_3BrF_5O**		**2,3,3,3-Tetrafluoro-2-bromopropionyl fluoride**				**6129-62-0**
l-g	5.90062	943.97	–60.11	224/282	214/292 C		84-dykrep
526	**$C_3Br_2F_6O$**		**(Trifluoromethyl)-(1,2,2-trifluoro-1,2-dibromoethyl)ether**				**2356-57-2**
l-g	7.309	1806	0	299/335	299/335 D		79-dykrep
527	**$C_3Br_3F_6NO$**		**1,1,1,1',1',1'-Hexafluoro-N-(tribromomethoxy)-dimethylamine**				**29528-78-7**
l-g	4.845	1510	0	297/338	287/348 C		84-dykrep
528	**C_3ClF_5O**		**1-Chloro-1,1,3,3,3-pentafluoro-2-propanone**				**79-53-8**
l-g	5.95123	916.15	–48.72	232/303	222/313 B		79-dykrep
529	**C_3ClF_5O**		**Propanoyl fluoride, 2-chloro-2,3,3,3-tetrafluoro-**				**28627-00-1**
l-g	6.4059	1248	0	195/273	195/273 D		84-dykrep
530	**$C_3ClF_6NO_2$**		***O*-(Chloroformyl)-*N*,*N*-*bis*(trifluoromethyl)-hydroxylamine**				**15496-01-2**
l-g	7.8212	1804.5	0	227/286	227/286 D		79-dykrep
531	**C_3ClF_7O**		**Heptafluoroisopropyl hypochlorite**				**22675-68-9**
l-g	5.59636	966.204	–24.913	194/273	184/283 D		79-dykrep
532	**C_3ClF_8N**		***N*-Chloro-*N*,1,2,2,2-pentafluoro-1-(trifluoromethyl)ethylamine**				**33757-13-0**
l-g	6.83371	1503	0	240/311	240/311 D		84-dykrep
533	**$C_3Cl_2F_6$**		**1,2-Dichloro-1,1,2,3,3,3-hexafluoropropane**				**661-97-2**
l-g	5.70022	904.507	–62.521	273/343	273/335 B	307.35/101.325	90-gorzad, 81-majsvo, 65-sha
l-g	6.55276	1427.181	7.099	323/453	334/455 B	394.61/1000	90-gorzad, 65-sha
534	**$C_3Cl_2F_6O$**		**1,1,2,3,3,3-Hexafluoro-2-chloropropyl perchlorate**				**22675-69-0**
l-g	6.04355	1546.95	0	273/293	273/293 D		84-dykrep
535	**$C_3Cl_2F_7N$**		***N*,*N*-Dichloro-1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethylamine**				**32751-04-5**
l-g	6.97194	1706.1	0	299/344	299/344 C		84-dykrep
536	**$C_3Cl_2F_7NS$**		**[1,2,2,2-Tetrafluoro-1-(trifluoromethyl)ethyl]imidosulfurous dichloride**				**26454-66-0**
cr-g	7.26193	2055.27	0	313/347	307/348 C		84-dykrep
537	**$C_3Cl_3F_5O$**		**Chlorodifluoromethyl 2,2-dichloro-1,1,2-trifluoroethyl ether**				**37136-24-6**
l-g	6.00476	1174.8	–56.91	302/350	292/360 B		84-dykrep
538	**$C_3Cl_4F_4$**		**1,1,1,3-Tetrachloro-2,2,3,3-tetrafluoropropane**				**2268-46-4**
l-g	7.26647	2161.725	25.347	L	C	385.57/101.325	67-platit Note 27

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
539	**$C_3Cl_5F_3O$**		**Trichloromethyl 2,2-dichloro-1,1,2-trifluoroethyl ether**				**428-73-9**
l-g	6.02059	1421.25	–69.91	341/423	331/433 B		84-dykrep
540	**C_3Cl_6**		**Hexachloropropene**				**188-71-6**
l-g	6.04696	1648.953	–79.257	382/540	317/540 A	487.29/101.325	59-dre-1
541	**$C_3F_3N_2P$**		**Dicyano(trifluoro-methyl)phosphine**				**58310-46-6**
l-g	6.66608	1490.55	–63.73	291/334	281/344 C		84-dykrep
542	**$C_3F_3N_3$**		**2,4,6-Trifluoro-1,3,5-triazine**				**675-14-9**
l-g	6.56268	1320.9	–56.04	277/344	267/354 C		79-dykrep
543	**C_3F_4**		**Tetrafluoropropyne**				**20174-11-2**
l-g	6.405	980	0	179/218	179/225 C	222.76/101.325	69-banbar
544	**C_3F_4O**		**2,3,3-Trifluoro-2-propenoyl fluoride**				**667-49-2**
l-g	6.895	1462	0	293/353	293/353 D		84-dykrep
545	**C_3F_5N**		**2,2-Difluoro-3-(trifluoromethyl)-2H-azirine**				**3291-42-7**
l-g	6.955	1254	0	193/249	193/249 D		84-dykrep
546	**$C_3F_5NO_3$**		**1,1,1,3,3-Pentafluoro-3-nitro2-propanone**				**388-00-1**
l-g	7.0179	1532	0	284/303	280/309 D		84-dykrep
547	**C_3F_6**		**Hexafluoropropene**				**116-15-4**
l-g	6.59065	1061.061	–10.937	232/293	230/293 B	242.87/101.325	53-atktre, 57-milfai, 52-whi-2
548	**C_3F_6O**		**Hexafluoroacetone**				**684-16-2**
l-g	5.84836	748.94	–50.89	193/246	183/256 B		79-dykrep
549	**C_3F_6O**		**3-Oxaperfluorobutene**				**1187-93-5**
l-g	6.836	1194	0	208/241	204/247 D		79-dykrep
550	**$C_3F_6O_2$**		**Pentafluoropropionyl hypofluorite**				**5930-63-2**
l-g	6.887	1345.3	0	214/248	209/254 D		79-dykrep
551	**$C_3F_6O_4S$**		**Anhydride of pentafluoropropionic acid and fluorosulfuric acid**				**51689-98-6**
l-g	5.85971	969.967	–82.948	252/335	242/345 C		84-dykrep
552	**C_3F_7NOS**		**1,1,1,2,3,3-Heptafluoro-*N*-sulfinyl-2-propanamine**				**26454-67-1**
l-g	7.3341	1781.09	0	252/280	252/280 D		84-dykrep
553	**$C_3F_7NO_2$**		***O*-(Fluoroformyl)-*N*,*N*-*bis*(trifluoromethyl)-hydroxylamine**				**15496-00-1**
l-g	5.575	1494	0	194/273	194/273 D		79-dykrep
554	**$C_3F_7NO_2$**		**Perfluoro-1-nitropropane**				**423-33-6**
l-g	6.9899	1491	0	247/296	237/306 D		79-dykrep
555	**C_3F_8**		**Octafluoropropane**				**76-19-7**
l-g	6.31436	951.659	–15.625	218/346	218/346 B	236.50/101.325	63-bro, 70-klecur Note 26
556	**C_3F_9N**		**Tris(trifluoromethyl)-amine**				**432-03-1**
l-g	6.735	1250	0	193/263	193/263 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
557	**C_3F_9NO**		**1,1,1-Trifluoro-N-(trifluoromethoxy)-N-(trifluoromethyl)-methanamine**				**671-63-6**
l-g	7.1565	1410	0	226/268	226/268 D		84-dykrep
558	**$C_3F_9NO_2S_3$**		**1,1,1-Trifluoro-*N,N-bis*[(trifluoromethyl)-thio]methane-sulfonamide**				**29749-02-8**
l-g	6.90338	1799.36	–33.296	288/403	284/409 C		84-dykrep
559	**$C_3F_9N_3O$**		**Nitroso-tris(trifluoro-methyl)hydrazine**				**10405-30-8**
l-g	7.0449	1540	0	279/300	277/306 D		79-dykrep
560	**$C_3F_9N_3O_2$**		**Nitro-tris(trifluoro-methyl)hydrazine**				**10405-31-9**
l-g	7.0299	1650	0	293/321	283/331 D		79-dykrep
561	**C_3F_9P**		**Tris(trifluoromethyl)-phosphine**				**423-04-1**
l-g	6.4479	1289.6	0	248/285	238/295 D		84-dykrep
562	**$C_3F_9PS_2$**		***Bis*(trifluoromethyl) (trifluoromethyl)-dithiophosphite**				**36121-49-0**
l-g	7.5279	1980	0	273/296	269/302 C		84-dykrep
563	**$C_3F_{10}OS$**		**Difluorooxo(trifluoromethyl)(pentafluoro-ethyl)sulfur**				**33564-24-8**
l-g	6.95821	1598.81	0	291/324	289/330 D		84-dykrep
564	**C_3HCl_7**		**1,1,1,2,2,3,3-Heptachloropropane**				**594-89-8**
l-g	5.235	1820	0	413/472	410/475 C	429.75/10	49-higend Note 2
565	**C_3HF_3**		**1,1,1-Trifluoropropyne**				**661-54-1**
l-g	7.0057	1124	0	138/225	135/225 C	224.80/101.325	51-has-1 Note 26
566	**C_3HF_6N**		**2,2,3-Trifluoro-3-(trifluoromethyl)-aziridine**				**3291-64-3**
l-g	7.215	1576	0	268/298	264/304 D		84-dykrep
567	**$C_3H_2ClF_5O$**		**2-Chloro-2-(difluoromethoxy)-1,1,1-trifluoroethane**				**26675-46-7**
l-g	6.08923	1077.74	–58.1	283/312	279/318 C		84-dykrep
568	**$C_3H_2ClF_5O$**		**2-Chloro-1,1,2-trifluoroethyl difluoromethyl ether**				**13838-16-9**
l-g	6.1133	1107.84	–609	290/329	280/339 C		84-dykrep
569	**$C_3H_2Cl_2F_4$**		**1,1-Dichloro-1,3,3,3-tetrafluoropropane**				**64712-27-2**
l-g	5.98339	1097.671	–57.812	297/331	296/335 A	333.77/101.325	76-varbul
570	**$C_3H_2Cl_3F_3$**		**1,1,1-Trichloro-3,3,3-trifluoropropane**				**7125-84-0**
l-g	6.03490	1246.432	–58.957	321/364	320/370 A	368.31/101.325	72-vardru
571	**$C_3H_2Cl_4$**		**1,2,3,3-Tetrachloro-1-propene**				**10436-39-2**
l-g	6.13659	1545.925	–65.581	347/416	345/442 C	439.82/101.325	69-otobes
572	**C_3H_2FNOS**		**Fluoroacetyl-isothiocyanate**				**459-71-2**
l-g	8.1502	2576.8	0	273/353	263/363 C		79-dykrep
573	**$C_3H_2F_6$**		**1,1,1,2,2,3-Hexafluoropropane**				**677-56-5**
l-g	5.7052	855.32	–43.15	274.35/274.35	254/284 C	274.35/101.325	87-trcsp
574	**$C_3H_2F_6$**		**1,1,1,3,3,3-Hexafluoropropane**				**690-39-1**
l-g	5.70038	847.19	–43.15	272.45/272.45	252/282 C	272.45/101.325	87-trcsp
575	**$C_3H_2F_6$**		**1,1,2,2,3,3-Hexafluoropropane**				**680-00-2**
l-g	5.78701	907.51	–43.15	283.15/283.15	263/293 C	283.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
576	**$C_3H_2F_6N_2S$**		**2,2,2-Trifluoro-*N*-[(trifluoromethyl)-thiol]ethanimidamide**				**62067-09-8**
l-g	7.145	2080	0	322/390	322/390 D		84-dykrep
577	**$C_3H_2F_6O$**		**1,1,1,3,3,3-Hexafluoro-2-propanol**				**920-66-1**
l-g	5.8082	811.71	–117.06	294/331	284/341 C		79-dykrep
578	**$C_3H_2F_8N_2S$**		***S*,*S*-Difluoro-*N*-1-amino-2,2,2-trifluoro-1-cf3-ethylsulfilimine**				**2433-66-1**
l-g	7.4609	2023	0	295/313	293/317 D		79-dykrep
579	omitted						
580	**C_3H_3Cl**		**1-Chloropropyne**				**7747-84-4**
l-g	6.865	1480	0	200/289	200/306 C	304.57/101.325	54-morlei Note 26
581	**$C_3H_3Cl_2F_3$**		**1,1-Dichloro-3,3,3-trifluoropropane**				**460-69-5**
l-g	6.06563	1163.920	–58.791	311/342	310/348 A	345.48/101.325	72-vardru
582	**$C_3H_3Cl_5$**		**1,1,2,2,3-Pentachloropropane**				**16714-68-4**
l-g	5.59518	1334.555	–100.933	365/447	362/449 C	443.46/50	69-otobes
583	**$C_3H_3F_3$**		**3,3,3-Trifluoro-1-propene**				**677-21-4**
l-g	6.89123	1371.113	33.451	141/361	140/361 C	318.91/1000	87-daujal, 71-zerkog
584	**$C_3H_3F_4I$**		**1,1,1,2-Tetrafluoro-3-iodopropane**				**1737-76-4**
l-g	6.1699	1486	0	295/356	290/360 C	356.85/101.325	70-haskee Note 26
585	**$C_3H_3F_4I$**		**1,1,1,3-Tetrafluoro-2-iodopropane**				**460-74-2**
l-g	6.5669	1630	0	301/356	301/360 C	357.36/101.325	70-haskee Note 26
586	**$C_3H_3F_5$**		**1,1,1,2,2-Pentafluoropropane**				**1814-88-6**
l-g	6.07135	892.324	–36.114	232/333	230/333 B	255.59/101.325	67-sha
l-g	6.67303	1255.503	15.034	333/380	333/380 B	357.30/2000	67-sha
587	**$C_3H_3F_5$**		**1,1,2,2,3-Pentafluoropropane**				**679-86-7**
l-g	5.7173	931.61	–48.15	299.15/299.15	279/309 C	299.15/101.325	87-trcsp
588	**$C_3H_3F_5O$**		**2,2,3,3,3-Pentafluoropropanol**				**422-05-9**
l-g	5.8163	965.38	–106.11	273/297	269/303 C		79-dykrep
589	**$C_3H_3F_6O_2P$**		**Methyl *bis*(trifluoromethyl)-phosphinite**				**25439-11-6**
l-g	7.76551	2115	0	258/313	258/313 D		84-dykrep
590	**$C_3H_3F_6PS_2$**		**Methyl *bis*(trifluoromethyl)-phosphinodithioate**				**18799-79-6**
l-g	7.43103	2168.9	0	273/344	273/344 D		79-dykrep
591	**$C_3H_4Br_2$**		**2,3-Dibromo-1-propene**				**513-31-5**
l-g	6.48398	1685.590	–38.066	267/415	267/415 B	414.46/101.325	47-stu
592	**$C_3H_4Br_4$**		**1,1,1,2-Tetrabromopropane**				**62127-49-5**
l-g	6.32767	1880.05	–88.15	523.15/523.15	503/533 C	523.15/101.325	87-trcsp
593	**$C_3H_4Br_4$**		**1,1,1,3-Tetrabromopropane**				**62127-50-8**
l-g	6.3704	1942.28	–88.15	533.15/533.15	513/543 C	533.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
594	**$C_3H_4Br_4$**		**1,1,2,3-Tetrabromopropane**				**34581-76-5**
l-g	6.43797	1994.51	–88.15	538.15/538.15	518/548 C	538.15/101.325	87-trcsp
595	**$C_3H_4Br_4$**		**1,1,3,3-Tetrabromopropane**				**51525-97-4**
l-g	6.40546	2001.88	–93.15	548.15/548.15	528/558 C	548.15/101.325	87-trcsp
596	**$C_3H_4Br_4$**		**1,2,2,3-Tetrabromopropane**				**54268-02-9**
l-g	6.50736	1990.803	–80.936	418/580	350/580 B	523.17/101.325	61-dre
597	**$C_3H_4ClFO_2$**		**Carbonochloridic acid, 2-fluoroethyl ester**				**462-27-1**
l-g	8.126	2435	0	273/333	273/333 D		79-dykrep
598	**$C_3H_4ClF_3$**		**1-Chloro-3,3,3-trifluoropropane**				**460-35-5**
l-g	5.99499	1054.366	–54.567	297/315	296/320 A	318.87/101.325	72-vardru
599	**$C_3H_4ClF_3O_2S$**		**Trifluoromethane-sulfinic acid, 2-chloroethyl ester**				**61915-99-9**
l-g	6.925	2117	0	320/403	320/403 D		84-dykrep
600	**$C_3H_4Cl_2$**		**1,2-Dichloro-1-propene**				**563-54-2**
l-g	7.9358	2366.9	35.55	307/349	307/349 C		79-dykrep
601	**$C_3H_4Cl_2$**		**1,2-Dichloro-2-propene**				**563-34-8**
l-g	6.35434	1380.348	–48.081	308/349	305/350 B	344.59/50	87-jiazha, 69-otobes
602	**$C_3H_4Cl_2F_2O$**		**1,1-Dichloro-2,2-difluoro-2-methoxyethane**				**76-38-0**
l-g	6.20709	1336.58	–59.67	279/378	269/388 C		84-dykrep
603	**$C_3H_4Cl_2O$**		**1,1-Dichloroacetone**				**513-88-2**
l-g	5.9228	1355.5	–45.61	292/392	282/402 C		79-dykrep
604	**$C_3H_4Cl_2O$**		**1,3-Dichloroacetone**				**534-07-6**
l-g	6.9	1937.4	–49.1	348/445	338/455 C		79-dykrep
605	**$C_3H_4Cl_2O_2$**		**Methyl dichloroacetate**				**116-54-1**
l-g	6.48562	1589.44	–61.15	331/481	321/491 B		79-dykrep
606	**$C_3H_4Cl_3NSi$**		**Trichloro(2-cyanoethyl)silane**				**1071-22-3**
l-g	5.29199	1172.73	–133.61	342/442	332/452 C		84-dykrep
607	**$C_3H_4Cl_4$**		**1,1,1,2-Tetrachloropropane**				**812-03-3**
l-g	6.10253	1474.210	–63.300	331/469	275/469 B	423.14/101.325	61-dre
608	**$C_3H_4Cl_4$**		**1,1,1,3-Tetrachloropropane**				**1070-78-6**
l-g	4.47226	631.174	–175.066	300/433	300/435 C	430.96/101.325	72-ano-3, 57-olegol
609	**$C_3H_4Cl_4$**		**1,1,2,2-Tetrachloropropane**				**13116-60-4**
l-g	5.95871	1423.08	–68.15	428.15/428.15	408/438 C	428.15/101.325	87-trcsp
610	**$C_3H_4Cl_4$**		**1,1,2,3-Tetrachloropropane**				**18495-30-2**
l-g	6.03082	1521.49	–73.15	451.15/451.15	431/461 C	451.15/101.325	87-trcsp
611	**$C_3H_4Cl_4$**		**1,2,2,3-Tetrachloropropane**				**13116-53-5**
l-g	6.15949	1573.240	–59.344	335/415	335/416 C	364.27/10	69-otobes
612	**$C_3H_4F_2O_2$**		**Methyl difluoroacetate**				**433-53-4**
l-g	8.2547	2187.9	0	273/333	263/343 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
613	**$C_3H_4F_4$**		**1,1,1,2-Tetrafluoropropane**				**421-48-7**
l-g	5.66983	839.08	–43.15	272.15/272.15	252/282 C	272.15/101.325	87-trcsp
614	**$C_3H_4F_4$**		**1,1,1,3-Tetrafluoropropane**				**460-36-6**
l-g	5.69373	938.23	–48.15	302.55/302.55	282/312 C	302.55/101.325	87-trcsp
615	**$C_3H_4F_4O$**		**2,2,3,3-Tetrafluoro-1-propanol**				**76-37-9**
l-g	6.5244	1333.9	–85.55	303/380	293/390 C		79-dykrep
616	**C_3H_5Br**		***(E)*-1-Bromo-1-propene**				**590-15-8**
l-g	6.06236	1175.700	–46.506	262/372	216/372 A	336.33/101.325	61-dre
617	**C_3H_5Br**		***(Z)*-1-Bromo-1-propene**				**590-13-6**
l-g	6.05838	1156.589	–45.525	257/366	212/366 A	330.91/101.325	61-dre
618	**C_3H_5Br**		**2-Bromo-1-propene**				**557-93-7**
l-g	6.17168	1222.29	–28.15	321.55/321.55	301/331 C	321.55/101.325	87-trcsp
619	**C_3H_5Br**		**3-Bromo-1-propene**				**106-95-6**
l-g	5.59422	1418.716	–25.286	297/339	295/345 B	334.09/10	77-svomaj
620	**$C_3H_5Br_3$**		**1,1,1-Tribromopropane**				**62127-61-1**
l-g	6.12358	1593.61	–78.15	465.15/465.15	445/475 C	465.15/101.325	87-trcsp
621	**$C_3H_5Br_3$**		**1,1,2-Tribromopropane**				**14602-62-1**
l-g	6.19883	1660.47	–78.15	474.15/474.15	454/484 C	474.15/101.325	87-trcsp
622	**$C_3H_5Br_3$**		**1,1,3-Tribromopropane**				**23511-78-6**
l-g	6.23211	1690.56	–78.15	478.15/478.15	458/488 C	478.15/101.325	87-trcsp
623	**$C_3H_5Br_3$**		**1,2,2-Tribromopropane**				**14476-30-3**
l-g	6.1751	1630.23	–73.15	464.15/464.15	444/474 C	464.15/101.325	87-trcsp
624	**$C_3H_5Br_3$**		**1,2,3-Tribromopropane**				**96-11-7**
l-g	6.46101	1882.423	–72.760	406/495	370/496 C	495.27/101.325	61-dre, 49-dreshr
625	**C_3H_5Cl**		***(E)*-1-Chloro-1-propene**				**16136-85-9**
l-g	6.04646	1086.929	–41.536	241/343	199/343 A	310.53/101.325	61-dre
626	**C_3H_5Cl**		***(Z)*-1-Chloro-1-propene**				**16136-84-8**
l-g	6.04577	1072.368	–40.503	237/338	195/338 A	305.94/101.325	61-dre
627	**C_3H_5Cl**		**2-Chloro-1-propene**				**557-98-2**
l-g	6.04108	1038.576	–38.411	229/327	188/327 A	295.74/101.325	61-dre
628	**C_3H_5Cl**		**3-Chloro-1-propene**				**107-05-1**
l-g	6.05985	1117.987	–42.281	203/320	203/320 B	318.05/101.325	61-dre, 47-stu
629	**$C_3H_5Cl_3$**		**1,1,1-Trichloropropane**				**7789-89-1**
l-g	6.23357	1430.918	–43.046	244/382	244/382 B	381.50/101.325	47-stu
630	**$C_3H_5Cl_3$**		**1,1,2-Trichloropropane**				**598-77-6**
l-g	5.81474	1264.6	–73.15	405.15/405.15	385/415 C	405.15/101.325	87-trcsp
631	**$C_3H_5Cl_3$**		**1,1,3-Trichloropropane**				**20395-25-9**
l-g	6.10214	1459.790	–62.327	328/464	271/464 A	418.68/101.325	61-dre

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
632	**$C_3H_5Cl_3$**		**1,2,2-Trichloropropane**				**3175-23-3**
l-g	5.73762	1205.4	–73.15	396.15/396.15	376/406 C	396.15/101.325	87-trcsp
633	**$C_3H_5Cl_3$**		**1,2,3-Trichloropropane**				**96-18-4**
l-g	6.22529	1565.553	–58.846	279/430	279/430 B	429.87/101.325	61-dre, 47-stu, 59-urb-1
634	**$C_3H_5Cl_3Si$**		**Allyltrichlorosilane**				**107-37-9**
l-g	5.83743	1179.27	–82.35	318/389	308/399 C		79-dykrep
635	**C_3H_5ClO**		**Chloropropanone**				**78-95-5**
l-g	7.6166	2276.8	14.13	316/392	316/392 D		79-dykrep
636	**C_3H_5ClO**		**Epichlorohydrin**				**106-89-8**
l-g	6.5958	1587.9	–43.15	328/388	318/398 C		79-dykrep
637	**$C_3H_5ClO_2$**		**Methyl chloroacetate**				**96-34-4**
l-g	6.13997	1324.16	–82.41	318/403	308/413 C		79-dykrep
638	**C_3H_5F**		**2-Fluoro-1-propene**				**1184-60-7**
l-g	6.13073	973.5	–13.15	249.15/249.15	229/259 C	249.15/101.325	87-trcsp
639	**$C_3H_5F_3$**		**1,1,1-Trifluoropropane**				**421-07-8**
l-g	6.02151	971.82	–18.15	260.15/260.15	240/270 C	260.15/101.325	87-trcsp
640	**$C_3H_5F_3O$**		**1,1,1-Trifluoro-2-propanol**				**374-01-6**
l-g	6.8491	1334.24	–73.51	292/333	282/343 B		79-dykrep
641	**C_3H_5FO**		**1-Fluoro-2,3-epoxypropane**				**503-09-3**
l-g	7.9187	2084.6	0	273/333	263/343 C		79-dykrep
642	**C_3H_5FOSe**		**Fluoroselenoacetic acid, *Se*-methyl ester**				**367-52-2**
l-g	8.1619	2420	0	273/333	263/343 D		79-dykrep
643	**$C_3H_5FO_2$**		**Methyl fluoroacetate**				**453-18-9**
l-g	7.9109	2229.4	0	273/333	263/343 C		79-dykrep
644	**C_3H_5I**		**2-Iodo-1-propene**				**4375-96-6**
l-g	5.8581	1232.76	–53.15	373.15/373.15	353/383 C	373.15/101.325	87-trcsp
645	**C_3H_5I**		**3-Iodo-1-propene**				**556-56-9**
l-g	5.8782	1246.94	–53.15	375.15/375.15	355/385 C	375.15/101.325	87-trcsp
646	**C_3H_6BrCl**		**1-Bromo-3-chloropropane**				**109-70-6**
l-g	6.15427	1473.613	–61.284	326/488	270/488 A	416.50/101.325	59-dre-1
647	**C_3H_6BrNO**		**2-Bromo-2-nitrosopropane**				**7119-91-7**
l-g	7.19112	1704.51	–27.44	239/356	229/366 C		79-dykrep
648	**$C_3H_6Br_2$**		**1,1-Dibromopropane**				**598-17-4**
l-g	6.339	1504	–59.55	308/432	298/442 C	406.65/101.325	56-trcnh
649	**$C_3H_6Br_2$**		**1,2-Dibromopropane**				**78-75-1**
l-g	6.03121	1424.018	–61.201	312/415	312/415 B	414.95/101.325	75-pisroz, 80-varpis

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
650	**$C_3H_6Br_2$**		**1,3-Dibromopropane**				**109-64-8**
l-g	6.19132	1582.933	–61.487	347/440	347/440 B	439.67/101.325	80-varpis, 78-varpis
651	**$C_3H_6Br_2$**		**2,2-Dibromopropane**				**594-16-1**
l-g	5.97588	1310.55	–58.15	388.25/388.25	368/398 C	388.25/101.325	87-trcsp
652	**C_3H_6ClFO**		**1-Chloro-3-fluoro-2-propanol**				**453-11-2**
l-g	8.8538	2801.8	0	273/333	263/343 C		79-dykrep
653	**$C_3H_6Cl_2$**		**1,1-Dichloropropane**				**78-99-9**
l-g	6.107	1273	–50.85	270/385	260/395 C	361.25/101.325	57-trcnh
654	**$C_3H_6Cl_2$**		**1,2-Dichloropropane**				**78-87-5**
l-g	6.06129	1280.701	–53.710	302/370	300/375 A	369.50/101.325	61-dre, 82-varpuc
655	**$C_3H_6Cl_2$**		**1,3-Dichloropropane**				**142-28-9**
l-g	6.12334	1379.657	–58.786	330/394	330/396 A	393.85/101.325	61-dre, 87-varlos
656	**$C_3H_6Cl_2$**		**2,2-Dichloropropane**				**594-20-7**
l-g	6.00183	1167.781	–50.373	294/342	294/345 A	342.60/101.325	61-dre, 87-varlos
657	**$C_3H_6Cl_2O$**		**β-Dichlorohydrin**				**616-23-9**
l-g	7.64152	2532.7	0	384/419	374/429 D		84-dykrep
658	**$C_3H_6Cl_2O$**		**1,3-Dichloro-2-propanol**				**96-23-1**
l-g	7.50741	2374.57	–15.87	301/448	291/458 C		79-dykrep
659	**$C_3H_6Cl_2Si$**		**Dichloromethyl-vinylsilane**				**124-70-9**
l-g	6.2192	1383	–38.95	294/366	284/376 C		79-dykrep
660	**$C_3H_6Cl_4Si$**		**(3-Chloropropyl)-trichlorosilane**				**2550-06-3**
l-g	6.23358	1646.28	–66.6	313/443	303/453 C		79-dykrep
661	**$C_3H_6Cl_4Si$**		**Trichloro(2-chloropropyl)silane**				**7787-89-5**
l-g	6.01084	1461.48	–74.67	313/443	303/453 C		79-dykrep
662	**$C_3H_6F_2$**		**1,1-Difluoropropane**				**430-61-5**
l-g	6.164	1023	–35.15	219/311	209/321 C	281.15/101.325	79-dykrep
663	**$C_3H_6F_2$**		**1,2-Difluoropropane**				**62126-90-3**
l-g	6.00682	1060.29	–23.15	288.15/288.15	268/298 C	288.15/101.325	87-trcsp
664	**$C_3H_6F_2$**		**2,2-Difluoropropane**				**420-45-1**
l-g	6.22048	1034.639	–27.281	211/302	173/302 A	272.76/101.325	61-dre
665	**$C_3H_6F_3NS$**		**Dimethyl(trifluoro-methylthio)amine**				**62067-13-4**
l-g	6.03096	1130.84	–47.58	273/329	266/338 C		79-dykrep
666	**$C_3H_6F_3O_2P$**		**Dimethyl(trifluoro-methyl)phosphonite**				**684-56-0**
l-g	6.81801	1633.62	–21.55	237/318	227/328 C		84-dykrep
667	**$C_3H_6I_2$**		**1,2-Diiodopropane**				**598-29-8**
l-g	5.87513	1547.76	–78.15	478.15/478.15	458/488 C	478.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
668	**$C_3H_6I_2$**		**1,3-Diiodopropane**				**627-31-6**
l-g	5.88217	1600.97	–83.15	496.15/496.15	476/506 C	496.15/101.325	87-trcsp
669	**$C_3H_6I_2$**		**2,2-Diiodopropane**				**630-13-7**
l-g	5.83755	1448.43	–68.15	446.15/446.15	426/456 C	446.15/101.325	87-trcsp
$C_3H_7AsCl_2$			**Dichloroisopropyl-arsine**				**683-67-0**
l-g	5.1736	971.49	–135.5	340/442	330/452 C		79-dykrep
671	**C_3H_7Br**		**1-Bromopropane**				**106-94-5**
l-g	6.03555	1194.89	–47.64	256/367	246/377 B	344.15/101.325	56-trcnh
672	**C_3H_7Br**		**2-Bromopropane**				**75-26-3**
l-g	5.98905	1135.100	–47.600	283/333	283/335 B	332.56/101.325	77-svomaj, 74-vanhou
673	**C_3H_7Cl**		**1-Chloropropane**				**540-54-5**
l-g	6.07655	1125.09	–43.29	238/341	228/354 B	319.67/101.325	81-trcnh
674	**C_3H_7Cl**		**2-Chloropropane**				**75-29-6**
l-g	5.3643	779.7	–76.65	230/331	220/341 B	308.85/101.325	81-trcnh
675	**C_3H_7ClO**		**2-Chloro-1-propanol**				**78-89-7**
l-g	5.86512	1163.6	–97.75	316/399	306/409 C		79-dykrep
676	**$C_3H_7ClO_2S$**		**1-Propanesulfonyl chloride**				**10147-36-1**
l-g	9.628	3142.2	0	243/273	239/279 D		79-dykrep
677	**$C_3H_7Cl_3Si$**		**Trichloroisopropyl-silane**				**4170-46-1**
l-g	5.8732	1293.5	–57.97	283/393	273/403 C		79-dykrep
678	**C_3H_7F**		**1-Fluoropropane**				**460-13-9**
l-g	6.0782	965.18	–33.65	201/289	191/299 B	270.65/101.325	56-trcnh
679	**C_3H_7F**		**2-Fluoropropane**				**420-26-8**
l-g	6.604	1165.4	–9.65	194/280	184/290 B	263.75/101.325	81-trcnh
680	**C_3H_7I**		**1-Iodopropane**				**107-08-4**
l-g	5.94093	1267.06	–53.62	278/402	268/412 B	375.6/101.325	56-trcnh
681	**C_3H_7I**		**2-Iodopropane**				**75-30-9**
l-g	5.72524	1136.334	–58.516	185/363	185/365 D	364.02/101.325	44-mil, 47-stu
682	**$C_3H_8Cl_2OSi$**		**Dichloroethoxy-methylsilane**				**1825-75-8**
l-g	6.34285	1452.98	–38.71	239/374	229/384 C		79-dykrep
683	**$C_3H_8Cl_2Si$**		**Chloro(chloromethyl)dimethylsilane**				**1719-57-9**
l-g	8.1599	2635	40.85	318/391	318/391 D		79-dykrep
684	**$C_3H_9BF_3N$**		**Trimethylamine-boron trifluoride(1:1)-complex**				**420-20-2**
cr-g	9.365	3600	0	373/413	368/413 D		79-dykrep
l-g	7.8599	2963	0	418/503	413/513 C		79-dykrep
685	**$C_3H_9B_3Cl_3N_3$**		**2,4,6-Trichloro-1,3,5-trimethylborazine**				**703-86-6**
l-g	7.95964	3024.76	0	363/404	353/414 C		84-dykrep
686	**C_3H_9ClSi**		**Chlorotrimethylsilane**				**75-77-4**
l-g	6.04257	1161.6	–43.15	241/337	231/347 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
687	**$C_3H_9Cl_3Si_2$**		**1,1,1-Trichloro-2,2,2-trimethyldisilane**				**18026-87-4**
l-g	6.29144	1604.43	–49.244	293/371	293/381 C		84-dykrep
688	**C_3H_9FGe**		**Fluorotrimethyl-germane**				**661-37-0**
l-g	6.31061	1403.14	–29.06	285/345	275/355 C		84-dykrep
689	**C_3H_9FSi**		**Fluorotrimethylsilane**				**420-56-4**
l-g	6.8575	1405	0	232/290	232/290 D		79-dykrep
690	**C_3H_9In**		**Trimethylindium**				**3385-78-2**
cr-g	9.645	3014	0	323/361	323/361 D		79-dykrep
l-g	7.3629	2190	0	361/408	361/418 C		79-dykrep
691	**$C_4BrCl_2F_8N$**		**2-Bromo-1,2-dichloro-1,2-difluoro-*N*,*N*-*bis*(trifluoro-methyl)ethylamine**				**4905-98-0**
l-g	6.7819	1904	0	358/394	358/394 D		84-dykrep
692	**C_4BrF_8N**		**Vinylamine-1-bromo-2,2-difluoro-*N*,*N*-*bis*(trifluoromethyl)**				**17725-57-4**
l-g	7.0599	1637	0	293/320	293/320 D		79-dykrep
693	**$C_4Br_2F_8$**		**1,4-Dibromo-octafluorobutane**				**335-48-8**
l-g	6.51586	1644.799	–7.031	378/480	370/469 B	371.72/101.325	83-gajgel
l-g	7.63067	2836.083	137.612	430/514	465/530 B	474.84/1000	83-gajgel
694	**$C_4Br_2F_9N$**		**Methanamine-1,2-dibromo-1,2,2-trifluoro-*N*,*N*-*bis*(trifluoromethyl)**				**17725-58-5**
l-g	6.7489	1790	0	326/366	326/366 D		79-dykrep
695	**C_4ClF_8N**		***N*,*N*-*Bis*(trifluoromethyl)-2-chloro-1,2-difluorovinylamine**				**13747-22-3**
l-g	6.8489	1522	0	273/312	273/312 D		79-dykrep
696	**C_4ClF_8N**		**Vinylamine-2-chloro-1,2-difluoro-*N*,*N*-*bis*(trifluoromethyl)**				**15511-13-4**
l-g	6.8489	1522	0	273/312	273/312 D		79-dykrep
697	**$C_4Cl_2F_6$**		**1,4-Dichloro-1,1,2,3,4,4-hexafluoro-2-butene**				**20972-44-5**
l-g	7.3579	1774	0	279/330	279/332 C	331.45/101.325	62-atkste Note 26
698	**$C_4Cl_2F_6$**		***cis*-2,3-Dichloro-1,1,1,4,4,4-hexafluorobutene**				**2418-22-6**
l-g	6.93814	1667.876	–2.883	298/341	298/343 A	341.03/101.325	58-dichil
699	**$C_4Cl_2F_6$**		***trans*-2,3-Dichloro-1,1,1,4,4,4-hexafluorobutene**				**2418-21-5**
l-g	7.00642	1708.906	2.427	298/340	298/340 A	339.31/101.325	58-dichil
700	**$C_4Cl_3F_7$**		**2,2,3-Trichloro-heptafluorobutane**				**335-44-4**
l-g	5.93252	1198.627	–64.828	302/446	300/448 C	370.07/101.325	56-capjac, 59-reetay
701	**$C_4Cl_4F_4$**		***(+,-)*-1,3,4,4-Tetrachloro-1,2,3,4-tetrafluoro-1-butene**				**357-19-7**
l-g	5.92054	1315.159	–77.434	362/413	360/415 B	413.38/101.325	57-ruhdav
702	**$C_4Cl_4F_6O$**		**Trichloromethyl 2-chloro-1,1,2,3,3,3-hexafluoropropyl ether**				**61136-57-0**
l-g	5.99553	1334.61	-68.96	325/403	315/413 B		84-dykrep
703	**C_4Cl_6**		**Hexachloro-1,3-butadiene**				**87-68-3**
l-g	6.42967	1753.559	–86.949	343/483	340/485 C	483.33/101.325	71-gelsim
l-g	7.378	2660	0	243/303	240/305 C	283.64/0.01	72-kunwai Note 28
704	**$C_4Cl_6O_3$**		**Trichloroethanoic anhydride**				**4124-31-6**
l-g	7.1397	2371.33	–34.45	329/496	319/506 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
705	**$C_4F_6O_3$**		**Trifluoroacetic acid anhydride**				**407-25-0**
l-g	6.64084	1202.32	–52.9	271/312	261/322 C		79-dykrep
706	**$C_4F_7NO_3S$**		**3,3,3-Trifluoro-2-(trifluoromethyl)-lactonitrile fluorosulfate**				**26404-53-5**
l-g	6.3609	1629	0	262/320	262/320 D		79-dykrep
707	**C_4F_8**		**Octafluoro-1-butene**				**357-26-6**
l-g	7.33291	1484.756	0	203/279	200/280 C	278.71/101.325	53-atktre
708	**C_4F_8**		**Octafluorocyclobutane**				**115-25-3**
l-g	6.02471	897.977	–43.741	233/293	233/292 B	267.17/101.325	54-furmcc, 67-klepet
l-g	6.22740	1004.297	–29.089	289/348	288/350 B	340.27/1000	59-doumoo, 82-kle, 67-klepet
l-g	7.35363	1846.930	83.988	343/389	343/390 B	371.75/2000	59-doumoo, 82-kle, 67-klepet
709	**$C_4F_8N_2O_3$**		**Perfluoro-2-(tetrafluoro-2-nitroethyl)-1,2-oxazoethylenimine**				**382-38-7**
l-g	6.6189	1620	0	273/343	273/343 D		79-dykrep
710	**C_4F_9N**		**Perfluoro[*N*,*N*-dimethyl(vinylamine)]**				**13821-49-3**
l-g	7.0609	1437	0	257/280	253/286 C		79-dykrep
711	**C_4F_9N**		**Perfluoro[*N*-methyl-(propylenamine)]**				**680-23-9**
l-g	6.8879	1392	0	245/280	245/280 D		79-dykrep
712	**C_4F_9N**		**Perfluoro[*N*-propyl-(methylenamine)]**				**378-00-7**
l-g	6.9519	1478	0	250/291	240/301 C		79-dykrep
713	**C_4F_9NO**		**Perfluoro[2,4-*bis*(trifluoromethyl)-1,2-oxazoethylenimine**				**714-52-3**
l-g	6.5869	1353	0	266/289	266/289 D		79-dykrep
714	**$C_4F_9NO_2$**		***O*-(Trifluoracetyl)-*N*,*N*-*bis*(trifluoromethyl)-hydroxylamine**				**15496-02-3**
l-g	7.2588	1592.1	0	234/296	234/296 D		79-dykrep
715	**C_4F_{10}**		**Decafluorobutane**				**355-25-9**
l-g	6.04400	932.580	–4087	233/287	230/390 D	346.45/1000	58-bromea, 47-fowham, 52-simmau
716	**$C_4F_{10}O_3S$**		**Perfluoro-1-methylpropyl fluorosulfonate**				**5762-52-7**
l-g	5.72387	991.09	–77.17	294/342	284/352 C		79-dykrep
717	**$C_4F_{12}N_2O$**		**Perfluoro-2,3-dimethyl-3-oxa-2,4-diazapentane**				**6141-72-6**
l-g	6.8979	1574	0	288/318	286/314 D		79-dykrep
718	**$C_4F_{12}N_2O$**		**Perfluoro-2,3-dimethyl-4-oxa-2,3-diazapentane**				**10405-32-0**
l-g	7.3519	1671	0	276/308	272/314 D		79-dykrep
719	**$C_4F_{12}OS$**		**Difluorooxo*bis*(penta-fluoroethyl)sulfur**				**33564-25-9**
l-g	7.13648	1726.72	–4.196	284/341	274/351 C		84-dykrep
720	**$C_4F_{12}P_4$**		**1,2,3,4-Tetrakis-(trifluoromethyl)-tetraphosphethane**				**393-02-2**
cr-g	10.9447	3413.13	0	292/339	282/349 C		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
721	**C_4HBrF_7N**		***cis*-1-Bromo-2-fluoro-*N*,*N*-*bis*(trifluoromethyl)-vinylamine**				**25273-49-8**
l-g	6.42	1559	0	321/342	321/342 D		84-dykrep
722	**$C_4HCl_2F_5O_2$**		**2,2,3,4,4-Pentafluoro-3,4-dichlorobutanoic acid**				**375-07-5**
l-g	8.281	2863	0	373/456	373/456 D		79-dykrep
723	**C_4HF_5**		**3,3,4,4,4-Pentafluoro-1-butyne**				**7096-51-7**
l-g	6.7201	1231.7	0	203/261	203/263 B	261.26/101.325	52-haslee
724	**C_4HF_7**		**1,1,3,3,4,4,4-Heptafluoro-1-butene**				**681-22-1**
l-g	7.225	1450	0	L	C	277.82/101.325	64-fiehas
725	**$C_4HF_7O_2$**		**Perfluorobutyric acid**				**375-22-4**
l-g	8.2722	2469.4	0	353/393	343/403 C		79-dykrep
726	**C_4HF_8N**		**Vinylamine-1,2-difluoro-*N*,*N*-*bis*(trifluoromethyl)**				**13747-24-5**
l-g	7.0469	1503	0	276/296	276/300 D		79-dykrep
727	**C_4HF_8N**		**Vinylamine-2,2-difluoro-*N*,*N*-*bis*(trifluoromethyl**				**13747-23-4**
l-g	6.9419	1447	0	274/291	274/291 D		79-dykrep
728	**$C_4HF_9O_2$**		**2,2,2-Trifluoro-1,1-*bis*(trifluoromethyl)-ethyl hydroperoxide**				**64957-49-9**
l-g	7.5479	1914	0	293/353	293/353 D		84-dykrep
729	**$C_4H_2Br_2S$**		**3,4-Dibromothiophene**				**3141-26-2**
l-g	5.0087	1678.5	0	333/374	323/384 C		79-dykrep
730	**$C_4H_2Cl_2O_2$**		**Fumaryl chloride**				**627-63-4**
l-g	7.81719	2594.71	13.13	288/433	278/443 C		79-dykrep
731	**$C_4H_2Cl_2S$**		**2,5-Dichlorothiophene**				**3172-52-9**
l-g	5.9702	1762	0	333/374	323/384 C		79-dykrep
732	**$C_4H_2F_4$**		**1,1,4,4-Tetrafluoro-1,3-butadiene**				**407-70-5**
l-g	6.19831	1168.724	0	239/272	230/275 A	259.75/50	58-parabr
733	**$C_4H_2F_6$**		**1,1,2-Trifluoro-3-(trifluoromethyl)-cyclopropane**				**2967-53-5**
l-g	7.2539	1553	0	293/353	293/353 D		84-dykrep
734	**$C_4H_2F_6OS$**		**Trifluorothioacetic acid, *S*-(1,2,2-trifluoroethyl)ester**				**35709-12-7**
l-g	7.1732	1791.97	0	282/322	272/332 C		84-dykrep
735	**$C_4H_2F_6O_2$**		**2,2,2-Trifluoroethyl trifluoroacetate**				**407-38-5**
l-g	7.045	1663	0	293/353	283/363 D		84-dykrep
736	**$C_4H_2F_7N$**		***trans*-2-Fluoro-*N*,*N*-*bis*(trifluoromethyl)-vinylamine**				**25211-47-6**
l-g	7.0189	1491	0	273/295	279/291 D		84-dykrep
737	**$C_4H_2F_7N$**		***cis*-2-Fluoro-*N*,*N*-*bis*(trifluoromethyl)-vinylamine**				**25273-51-2**
l-g	6.8459	1521	0	289/311	289/311 D		84-dykrep
738	**$C_4H_3BrF_7N$**		**2-Bromo-2-fluoro-*N*-*N*-*bis*(trifluoromethyl)-ethylamine**				**25237-12-1**
l-g	6.4979	1613	0	329/355	327/358 D		84-dykrep
739	**C_4H_3BrS**		**2-Bromothiophene**				**1003-09-4**
l-g	5.3886	1475.8	0	333/374	323/384 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
740	**C_4H_3BrS**		**3-Bromothiophene**				**872-31-1**
l-g	5.4016	1508.3	0	333/374	323/384 C		79-dykrep
741	**$C_4H_3F_5OS$**		**Trifluorothioacetic acid, *S*-(2,2-difluoroethyl)ester**				**35709-11-6**
l-g	4.45122	635.097	–131.354	282/322	272/332 C		84-dykrep
742	**$C_4H_3F_6NO_2$**		***N*,*N*-*Bis*(trifluoromethyl)-acetamide *N*-oxide**				**22743-78-8**
l-g	8.32614	2160.6	2.45	268/336	258/346 C		79-dykrep
743	**$C_4H_3F_7O$**		**2,2,3,3,4,4,4-Heptafluorobutanol**				**375-01-9**
l-g	8.298	2277	0	273/298	269/304 D		79-dykrep
744	**C_4H_3IS**		**2-Iodothiophene**				**3437-95-4**
l-g	5.1221	1517.2	0	333/374	323/384 C		79-dykrep
745	**$C_4H_4AsCl_3$**		***Bis*(2-chloroethenyl)-arsinous chloride**				**40334-69-8**
l-g	8.0982	3065.3	0	385/503	385/509 D		79-dykrep
746	**$C_4H_4Cl_2$**		**1,2-Dichloro-1,3-butadiene**				**3574-40-1**
l-g	3.93445	682.151	–94.897	260/309	260/310 C	268.28/1	40-rensch
747	**$C_4H_4Cl_2$**		**2,3-Dichloro-1,3-butadiene**				**1653-19-6**
l-g	6.92212	1900.842	11.431	299/368	295/370 C	352.50/50	68-cihvoj
748	**$C_4H_4Cl_2O_2$**		**Succinyl chloride**				**543-20-4**
l-g	7.06279	2127.04	–44.89	312/466	302/476 C		79-dykrep
749	**$C_4H_4Cl_2O_3$**		**Chloroethanoic anhydride**				**541-88-8**
l-g	8.88774	3458.26	12.5	340/490	340/490 C		79-dykrep
750	**$C_4H_4Cl_4O_2S$**		**3,3,4,4-Tetrachloro-tetrahydrothiophene, 1,1-dioxide**				**3737-41-5**
l-g	10.868	4630.18	0	303/348	303/348 D		84-dykrep
751	**$C_4H_4F_3NO_3$**		**Trifluoroacetylglycine**				**383-70-0**
cr-g	12.6073	5162.68	0	273/393	263/393 C		84-pas
752	**$C_4H_4F_4OS$**		**Trifluorothioacetic acid, *S*-(2-fluoroethyl)ester**				**35709-10-5**
l-g	4.34949	577.263	–142.945	282/322	272/332 C		84-dykrep
753	**$C_4H_4F_6N_2S$**		**2,2,2-Trifluoro-N-methyl-N'-[(trifluoromethyl)thio]ethanimidamide**				**62067-10-1**
l-g	6.405	1821.3	0	339/387	339/387 D		84-dykrep
754	**C_4H_5Cl**		**2-Chloro-1,3-butadiene**				**126-99-8**
l-g	6.64014	1538.035	–0.663	243/353	243/373 B	332.53/101.325	31-carwil, 71-gol, 64-gudfer
755	**C_4H_5ClO**		**2-Methyl-2-propenoyl chloride**				**920-46-7**
l-g	6.06582	1273.25	–58.17	313/372	303/382 C		84-dykrep
756	**$C_4H_5Cl_3O_2$**		**Ethyl trichloracetate**				**515-84-4**
l-g	7.29815	2217.36	–21.2	293/440	283/450 C		79-dykrep
757	**$C_4H_5Cl_5$**		**1,2,2,3,4-Pentachlorobutane**				**2431-52-9**
l-g	4.78531	867.653	–185.801	368/498	368/500 C	497.95/101.325	68-cihvoj
758	**$C_4H_5F_2I$**		**1,1-Difluoro-4-iodo-1-butene**				**692-26-2**
l-g	2.13510	69.715	–268.764	318/343	318/345 C	330.18/10	58-parabr

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
759	**$C_4H_5F_3$**		**(Trifluoromethyl)-cyclopropane**				**381-74-8**
l-g	6.872	1422	0	L	C	292.21/101.325	64-fiehas
760	**$C_4H_5F_3O$**		**Fluoroxene**				**406-90-6**
l-g	3.37764	136.85	–216.96	302/317	302/321 C		84-dykrep
761	**$C_4H_5F_3O_2$**		**Ethyl trifluoroacetate**				**383-63-1**
l-g	7.395	1809	0	293/353	293/353 D		84-dykrep
762	**$C_4H_6ClFO_2$**		**Fluoroacetic acid, 2-chloroethyl ester**				**1537-62-8**
l-g	8.675	2945	0	273/333	273/333 D		79-dykrep
763	**$C_4H_6Cl_2$**		***trans*-1,3-Dichloro-2-butene**				**7415-31-8**
l-g	7.15671	2076.064	1.970	306/401	306/405 C	401.07/101.325	69-cihvoj
764	**$C_4H_6Cl_2$**		***trans*-1,4-Dichloro-2-butene**				**110-57-6**
l-g	8.42313	3034.416	45.624	333/429	333/429 B	427.22/101.325	71-henoli
765	**$C_4H_6Cl_2$**		**3,4-Dichloro-1-butene**				**760-23-6**
l-g	7.95554	2667.681	53.082	315/397	315/397 B	395.28/101.325	71-henoli
766	**$C_4H_6Cl_2O_2$**		**Chloroacetic acid, 2-chloroethyl ester**				**3848-12-2**
l-g	7.22088	2353.37	–26.93	319/478	309/488 C		79-dykrep
767	**$C_4H_6Cl_2O_2$**		**Ethyl dichloroacetate**				**535-15-9**
l-g	7.43845	2350.41	2.77	283/430	273/440 C		79-dykrep
768	**$C_4H_6Cl_4$**		**1,2,3,3-Tetrachlorobutane**				**13138-51-7**
l-g	4.70324	802.855	–167.788	349/463	349/466 C	465.41/101.325	68-cihvoj
769	**$C_4H_6F_2O_2$**		**Fluoroacetic acid, 2-fluoroethyl ester**				**459-99-4**
l-g	8.838	2876	0	273/333	273/333 D		79-dykrep
770	**$C_4H_6F_3I$**		**1,1,1-Trifluoro-3-iodobutane**				**540-87-4**
l-g	6.5139	1690	0	304/371	304/375 B	374.87/101.325	70-haskee Note 2
771	**$C_4H_6F_3I$**		**1,1,1-Trifluoro-3-iodo-2-methylpropane**				**26653-47-4**
l-g	6.3009	1586	0	298/368	298/370 B	369.25/101.325	70-haskee Note 2
772	**$C_4H_6F_6N_2O$**		**1,1-Dimethyl-2,2-*bis*-(trifluoromethyl)-2-oxide hydrazine**				**30295-33-1**
l-g	6.795	1900	0	287/356	287/356 D		84-dykrep
773	**C_4H_6FN**		**4-Fluorobutyronitrile**				**407-83-0**
l-g	7.4753	2362	0	273/371	273/371 D		79-dykrep
774	**C_4H_7Br**		***cis*-1-Bromo-1-butene**				**31849-78-2**
l-g	6.12983	1296.304	–45.189	250/360	250/360 C	359.51/101.325	61-dre, 26-lep, 47-stu
775	**C_4H_7Br**		***trans*-1-Bromo-1-butene**				**32620-08-9**
l-g	6.15178	1334.804	–46.068	257/368	257/370 C	368.01/101.325	61-dre, 26-lep, 47-stu
776	**C_4H_7Br**		***(E)*-1-Bromo-2-butene**				**29576-14-5**
l-g	5.98382	1288.9	–53.15	377.15/377.15	357/387 C	377.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
777	**C_4H_7Br**		***(Z)*-1-Bromo-2-butene**				**39616-19-8**
l-g	5.98382	1288.9	–53.15	377.15/377.15	357/387 C	377.15/101.325	87-trcsp
778	**C_4H_7Br**		**2-Bromo-1-butene**				**23074-36-4**
l-g	6.10008	1263.365	–45.747	240/360	240/360 C	354.31/101.325	61-dre, 26-lep, 47-stu
779	**C_4H_7Br**		***cis*-2-Bromo-2-butene**				**3017-68-3**
l-g	6.13948	1327.751	–46.421	287/368	287/368 C	367.62/101.325	61-dre, 26-lep, 47-stu
780	**C_4H_7Br**		***trans*-2-Bromo-2-butene**				**3017-71-8**
l-g	6.05857	1259.919	–48.089	280/360	280/360 C	358.96/101.325	61-dre, 26-lep, 47-stu
781	**C_4H_7Br**		**3-Bromo-1-butene**				**22037-73-6**
l-g	5.96287	1286.08	–53.15	378.15/378.15	358/388 C	378.15/101.325	87-trcsp
782	**C_4H_7Br**		**4-Bromo-1-butene**				**5162-44-7**
l-g	5.9791	1266.71	–53.15	371.95/371.95	351/381 C	371.95/101.325	87-trcsp
783	**C_4H_7Br**		**Isocrotyl bromide**				**3017-69-4**
l-g	6.00723	1264.48	–48.15	364.15/364.15	344/374 C	364.15/101.325	87-trcsp
784	**C_4H_7Br**		**2-Methylallyl bromide**				**1458-98-6**
l-g	6.01831	1284.03	–48.15	368.15/368.15	348/378 C	368.15/101.325	87-trcsp
785	**$C_4H_7Br_3$**		**1,1,1-Tribromobutane**				**62127-62-2**
l-g	6.19873	1702.36	–78.15	484.15/484.15	464/494 C	484.15/101.325	87-trcsp
786	**$C_4H_7Br_3$**		**1,1,2-Tribromobutane**				**3675-68-1**
l-g	6.82592	2215.724	–30.309	318/490	318/490 C	489.98/101.325	26-lep, 47-stu
787	**$C_4H_7Br_3$**		**1,2,2-Tribromobutane**				**3675-69-2**
l-g	6.47305	1974.452	–45.305	314/487	314/490 C	487.28/101.325	26-lep, 47-stu
788	**$C_4H_7Br_3$**		**1,2,3-Tribromobutane**				**632-05-3**
l-g	6.49265	1871.339	–76.098	394/546	330/546 B	493.16/101.325	61-dre
789	**$C_4H_7Br_3$**		**1,2,4-Tribromobutane**				**38300-67-3**
l-g	6.49226	1853.200	-75.103	390/541	326/541 B	488.16/101.325	61-dre
790	**$C_4H_7Br_3$**		**2,2,3-Tribromobutane**				**62127-47-3**
l-g	6.56494	1931.282	–56.091	356/480	356/480 D	479.69/101.325	61-dre, 26-lep, 47-stu
791	**$C_4H_7Br_3$**		**1,1,2-Tribromo-2-methylpropane**				**15331-16-5**
l-g	6.15321	1741.95	–83.15	503.15/503.15	483/513 C	503.15/101.325	87-trcsp
792	**$C_4H_7Br_3$**		**1,2,3-Tribromo-2-methylpropane**				**631-28-7**
l-g	6.16276	1704.39	–83.15	493.15/493.15	473/503 C	493.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
793	**$C_4H_7Br_3$**		**1,3-Dibromo-2-(bromomethyl)-propane**				**62127-48-4**
l-g	6.51358	2247.149	–94.682	475/660	399/660 B	593.18/101.325	61-dre
794	**C_4H_7Cl**		***cis*-1-Chloro-1-butene**				**7611-86-1**
l-g	5.93466	1153.14	–43.15	336.65/336.65	316/346 C	336.65/101.325	87-trcsp
795	**C_4H_7Cl**		***(E)*-1-Chloro-1-butene**				**7611-87-2**
l-g	5.94245	1173.54	–43.15	341.25/341.25	321/351 C	341.25/101.325	87-trcsp
796	**C_4H_7Cl**		***cis*-1-Chloro-2-butene**				**4628-21-1**
l-g	4.10751	649.87	–48.15	357.35/357.35	337/367 C	357.35/101.325	87-trcsp
797	**C_4H_7Cl**		***cis, trans*-1-Chloro-2-butene**				**4894-61-5**
l-g	4.10833	652.02	–48.15	358.25/358.25	338/368 C	358.25/101.325	87-trcsp
798	**C_4H_7Cl**		**2-Chloro-1-butene**				**2211-70-3**
l-g	5.9135	1127.39	–43.15	331.65/331.65	311/341 C	331.65/101.325	87-trcsp
799	**C_4H_7Cl**		***cis*-2-Chloro-2-butene**				**2211-69-0**
l-g	5.92329	1162.73	–43.15	339.95/339.95	319/349 C	339.95/101.325	87-trcsp
800	**C_4H_7Cl**		***(E)*-2-Chloro-2-butene**				**2211-68-9**
l-g	5.91616	1144.19	–43.15	335.75/335.75	315/345 C	335.75/101.325	87-trcsp
801	**C_4H_7Cl**		**3-Chloro-1-butene**				**563-52-0**
l-g	5.91251	1148.6	–43.15	337.15/337.15	317/347 C	337.15/101.325	87-trcsp
802	**C_4H_7Cl**		**4-Chloro-1-butene**				**927-73-1**
l-g	5.95663	1201.08	–43.15	347.15/347.15	327/357 C	347.15/101.325	87-trcsp
803	**C_4H_7Cl**		**1-Chloro-2-methyl-1-propene**				**513-37-1**
l-g	6.2687	1271.243	–43.15	285/343	285/345 B	341.36/101.325	70-smodan
804	**C_4H_7Cl**		**3-Chloro-2-methylpropene**				**563-47-3**
l-g	6.2303	1275.366	–43.15	327/348	325/350 C	345.04/101.325	70-smodan
805	**C_4H_7ClO**		**1-Chloro-2-butanone**				**616-27-3**
l-g	5.3177	952.2	–125.57	307/411	297/421 D		79-dykrep
806	**C_4H_7ClO**		**3-Chloro-2-butanone**				**4091-39-8**
l-g	7.215	2025	0	313/389	313/389 D		79-dykrep
807	**C_4H_7ClO**		**3-Chloro-2-buten-1-ol**				**40605-42-3**
l-g	6.0577	1330.9	–109.72	345/437	335/447 C		79-dykrep
808	**$C_4H_7ClO_2$**		**Ethyl chloroacetate**				**105-39-5**
l-g	7.15526	2051.27	–19.02	274/418	264/428 C		79-dykrep
809	**C_4H_7ClS**		**3-Chloro-2-buten-1-thiol**				**900002-51-9**
l-g	8.184	2518	0	341/397	344/397 C		79-dykrep
810	is omitted						
811	**$C_4H_7Cl_2O_4P$**		**Phosphoric acid, 2,2-dichloroethenyl dimethyl ester**				**62-73-7**
l-g	9.3756	3581.3	1.2	283/387	273/397 D		79-dykrep
812	**$C_4H_7Cl_3$**		**1,1,1-Trichlorobutane**				**13279-85-1**
l-g	2.40521	137.42	–63.15	407.15/407.15	387/417 C	407.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
813	**$C_4H_7Cl_3$**		**1,2,3-Trichlorobutane**				**18338-40-4**
l-g	5.97265	1589.231	–41.616	273/443	273/445 C	442.24/101.325	47-stu
814	**$C_4H_7Cl_3$**		**2,2,3-Trichlorobutane**				**10403-60-8**
l-g	5.9045	1376.27	–63.15	416.15/416.15	396/426 C	416.15/101.325	87-trcsp
815	**$C_4H_7Cl_3$**		**1,1,2-Trichloro-2-methylpropane**				**29449-52-3**
l-g	5.90701	1383.01	–63.15	417.65/417.65	397/427 C		87-trcsp
816	**$C_4H_7Cl_3$**		**1,2,3-Trichloro-2-methylpropane**				**1871-58-5**
l-g	5.91204	1441.43	–68.15	437.15/437.15	417/447 C	437.15/101.325	87-trcsp
817	**C_4H_7F**		**2-Fluoro-1-butene**				**430-44-4**
l-g	5.84661	996.71	–38.15	297.65/297.65	277/307 C	297.65/101.325	87-trcsp
818	**C_4H_7F**		***(E)*-2-Fluoro-2-butene**				**66675-39-6**
l-g	5.84683	1006.37	–38.15	300.15/300.15	280/310 C	300.15/101.325	87-trcsp
819	**C_4H_7F**		***(Z)*-2-Fluoro-2-butene**				**66675-38-5**
l-g	5.84683	1006.37	–38.15	300.15/300.15	280/310 C	300.15/101.325	87-trcsp
820	**C_4H_7FOS**		**Ethanethioic acid, *S*-(2-fluoroethyl)ester**				**462-31-7**
l-g	7.6273	2336.2	0	273/333	263/343 C		79-dykrep
821	**$C_4H_7FO_2$**		**Ethyl fluoroacetate**				**459-72-3**
l-g	7.2529	2188.9	0	273/333	263/343 C		79-dykrep
822	**$C_4H_7F_3$**		**1,1,1-Trifluorobutane**				**460-34-4**
l-g	6.15611	1047.774	–37.400	226/320	186/320 A	289.85/101.325	61-dre
823	**$C_4H_7IO_2$**		**Ethyl iodoacetate**				**623-48-3**
l-g	8.0924	2723	0	301/362	301/362 D		79-dykrep
824	**C_4H_8BrClO**		**2-Bromoethyl 2-chloroethyl ether**				**51070-66-7**
l-g	6.68372	1945.77	–52.98	309/469	299/479 C		79-dykrep
825	**$C_4H_8Br_2$**		**1,1-Dibromobutane**				**62168-25-6**
l-g	6.39	1609	–64.15	342/477	338/484 C	431.15/101.325	79-dykrep
826	**$C_4H_8Br_2$**		**1,2-Dibromobutane**				**533-98-2**
l-g	6.07219	1530.611	–62.897	331/427	331/440 B	439.29/101.325	75-pisroz, 80-varpis
827	**$C_4H_8Br_2$**		**1,3-Dibromobutane**				**107-80-2**
l-g	6.12382	1584.226	–64.797	342/450	342/450 B	449.49/101.325	80-varpis
828	**$C_4H_8Br_2$**		**1,4-Dibromobutane**				**110-52-1**
l-g	6.74689	2030.437	–42.238	375/470	375/475 D	470.49/101.325	61-dre, 26-lep, 47-stu
829	**$C_4H_8Br_2$**		**2,2-Dibromobutane**				**50341-35-0**
l-g	6.01139	1418.01	–63.15	417.15/417.15	397/427 C	417.15/101.325	87-trcsp
830	**$C_4H_8Br_2$**		**1,1-Dibromo-2-methylpropane**				**33693-78-6**
l-g	6.07699	1453.44	–63.15	420.15/420.15	400/430 C	420.15/101.325	87-trcsp
831	**$C_4H_8Br_2$**		**1,2-Dibromo-2-methylpropane**				**594-34-3**
l-g	5.29709	1256.045	–40.817	244/423	244/425 B	422.43/101.325	47-stu

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
832	**$C_4H_8Br_2$**		**1,3-Dibromo-2-methylpropane**				**28148-04-1**
l-g	6.46102	1825.121	–38.263	287/448	287/450 B	447.91/101.325	47-stu
833	**$C_4H_8Br_2$**		**Meso-2,3-dibromobutane**				**5780-13-2**
l-g	6.30958	1676.443	–41.298	274/431	274/431 C	430.82/101.325	47-stu
834	**$C_4H_8Br_2$**		**(+,-)-Threo-2,3-dibromobutane**				**598-71-0**
l-g	6.26177	1653.250	–46.294	278/434	278/435 C	434.74/101.325	47-stu
835	**$C_4H_8Cl_2$**		**1,1-Dichlorobutane**				**541-33-3**
l-g	6.16	1376	–55.75	290/412	290/412 C	386.95/101.325	57-trcnh
836	**$C_4H_8Cl_2$**		**1,2-Dichlorobutane**				**616-21-7**
l-g	5.90331	1287.648	–67.058	312/398	312/400 B	397.43/101.325	75-pisroz-1, 80-varpis
837	**$C_4H_8Cl_2$**		**1,3-Dichlorobutane**				**1190-22-3**
l-g	6.14833	1449.156	–57.028	309/407	309/407 B	406.84/101.325	76-pisvar, 80-varpis
838	**$C_4H_8Cl_2$**		**1,4-Dichlorobutane**				**110-56-5**
l-g	6.11603	1495.7	–63.15	334/473	324/483 B	427.05/101.325	79-dykrep
839	**$C_4H_8Cl_2$**		**2,2-Dichlorobutane**				**4279-22-5**
l-g	5.92663	1243.094	–58.635	283/376	283/378 A	375.68/101.325	77-pisroz, 80-varpis
840	**$C_4H_8Cl_2$**		**2,3-Dichlorobutane**				**7581-97-7**
l-g	6.2404	1476.37	–40.43	247/389	237/399 C	392.65/101.325	79-dykrep
841	**$C_4H_8Cl_2$**		**1,1-Dichloro-2-methylpropane**				**598-76-5**
l-g	6.48170	1562.862	–29.822	242/380	242/380 C	378.99/101.325	47-stu
842	**$C_4H_8Cl_2$**		**1,2-Dichloro-2-methylpropane**				**594-37-6**
l-g	6.41378	1492.974	–42.497	247/382	247/382 B	381.19/101.325	47-stu
843	**$C_4H_8Cl_2$**		**1,3-Dichloro-2-methylpropane**				**616-19-3**
l-g	7.18676	2001.446	–21.874	270/409	270/410 B	408.18/101.325	47-stu
844	**$C_4H_8Cl_2O$**		**2-Chloroethyl ether**				**111-44-4**
l-g	6.7637	1948.62	–41.97	297/452	287/462 C		79-dykrep
845	**$C_4H_8Cl_2S$**		***Bis*(2-chloroethyl)sulfide**				**505-60-2**
cr-g	11.7813	4030.9	0	263/287	259/287 C		79-dykrep
l-g	8.6068	3117.2	0	288/358	287/368 C		79-dykrep
846	**$C_4H_8Cl_2S_3$**		***Bis*(2-chloroethyl)trisulfide**				**19149-77-0**
l-g	8.35519	3565.7	0	273/333	273/333 D		79-dykrep
847	**$C_4H_8F_2$**		**1,1-Difluorobutane**				**2358-38-5**
l-g	6.182	1136	–42.15	246/347	236/357 C	314.15/101.325	79-dykrep
848	**$C_4H_8F_2$**		**1,2-Difluorobutane**				**686-65-7**
l-g	5.88745	1106.29	–38.15	323.15/323.15	303/333 C	323.15/101.325	87-trcsp
849	**$C_4H_8F_2$**		**1,3-Difluorobutane**				**691-42-9**
l-g	5.90305	1149.71	–38.15	333.15/333.15	313/343 c	333.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
850	**$C_4H_8F_2$**		**1,4-Difluorobutane**				**372-90-7**
l-g	5.89354	1196.67	–43.15	350.95/350.95	330/360 C	350.95/101.325	87-trcsp
851	**$C_4H_8F_2$**		**2,2-Difluorobutane**				**353-81-1**
l-g	6.19415	1103.756	–40.506	238/336	197/336 A	304.03/101.325	61-dre
852	**$C_4H_8F_2$**		**2,3-Difluorobutane**				**666-21-7**
l-g	5.85482	1085.45	–38.15	320.15/320.15	300/330 C	320.15/101.325	87-trcsp
853	**$C_4H_8F_2$**		**1,1-Difluoro-2-methylpropane**				**62126-91-4**
l-g	5.90238	1063.79	–33.15	306.15/306.15	286/316 C	306.15/101.325	87-trcsp
854	**$C_4H_8F_2$**		**1,2-Difluoro-2-methylpropane**				**62126-92-5**
l-g	5.84191	1054.95	–33.15	308.15/308.15	288/318 C	308.15/101.325	87-trcsp
855	**$C_4H_8F_2$**		**1,3-Difluoro-2-methylpropane**				**62126-93-6**
l-g	5.84208	1124.05	–43.15	336.15/336.15	316/346 C	336.15/101.325	87-trcsp
856	**$C_4H_8F_2O_4S$**		**2-Fluoroethanol, sulfate(2:1)**				**381-46-4**
l-g	8.9366	3335.6	0	273/333	263/343 C		79-dykrep
857	**C_4H_9Br**		**1-Bromobutane**				**109-65-9**
l-g	6.04744	1298.61	–53.45	279/400	269/410 B	374.75/101.325	56-trcnh
858	**C_4H_9Br**		**2-Bromobutane**				**78-76-2**
l-g	5.86523	1201.770	–52.793	231/365	231/368 C	364.17/101.325	61-dre, 67-levgar
859	**C_4H_9Br**		**1-Bromo-2-methylpropane**				**78-77-3**
l-g	6.50572	1536.450	–22.866	305/363	305/367 B	364.30/101.325	77-svomaj
860	**C_4H_9Br**		**2-Bromo-2-methylpropane**				**507-19-7**
l-g	6.35906	1424.346	–18.582	273/346	273/346 C	345.77/101.325	51-bryhow, 61-dre
861	**C_4H_9Cl**		**1-Chlorobutane**				**109-69-3**
l-g	6.05154	1216.82	–50.82	262/375	252/385 B	351.58/101.325	81-trcnh
862	**C_4H_9Cl**		***(2RS)*-Chlorobutane**				**78-86-4**
l-g	6.1222	1245.2	–38.75	252/342	240/354 B	341.25/101.325	81-trcnh
863	**C_4H_9Cl**		**1-Chloro-2-methylpropane**				**513-36-0**
l-g	6.09214	1210.809	–45.653	219/342	219/350 B	341.95/101.325	47-stu
864	**C_4H_9Cl**		**2-Chloro-2-methylpropane**				**507-20-0**
l-g	6.35643	1360.945	–11.467	253/328	253/326 C	324.28/101.325	69-mincho
865	**$C_4H_9ClF_2Si$**		**Butylchlorodifluoro-silane**				**10132-56-6**
l-g	6.91788	1754.4	0	283/358	273/368 C		79-dykrep
866	**$C_4H_9ClO_2$**		**1-(2-Chloroethoxy)-ethanol**				**108743-22-2**
l-g	8.07173	2702.28	–23.7	326/469	316/479 C		79-dykrep
867	**$C_4H_9ClO_2S$**		**Butylsulfonyl chloride**				**2386-60-9**
l-g	9.161	3145.6	0	253/283	249/289 C		79-dykrep
868	**C_4H_9ClS**		**2-Chloroethyl ethyl sulfide**				**693-07-2**
l-g	7.41945	2318.8	0	273/333	263/343 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
869	**$C_4H_9Cl_2FSi$**		**Butyldichlorofluoro-silane**				**10132-55-5**
l-g	6.81803	1873.3	0	313/388	303/398 C		79-dykrep
870	**$C_4H_9Cl_3Si$**		**Butyltrichlorosilane**				**7521-80-4**
l-g	6.92273	2075.1	1	343/423	333/433 C		79-dykrep
871	**C_4H_9F**		**1-Fluorobutane**				**2366-52-1**
l-g	6.083	1081.71	–40.35	227/326	219/334 B	305.65/101.325	56-trcnh
872	**C_4H_9F**		**2-Fluorobutane**				**359-01-3**
l-g	5.9087	985.8	–45.65	221/289	211/299 B	298.25/101.325	81-trcnh
873	**C_4H_9F**		**2-Fluoro-2-methylpropane**				**353-61-7**
l-g	6.767	1357.2	–0.25	210/304	200/314 B	285.25/101.325	81-trcnh
874	**C_4H_9FO**		**4-Fluoro-1-butanol**				**372-93-0**
l-g	10.3111	3343	0	323/343	321/345 D		79-dykrep
875	**$C_4H_9F_3Si$**		**Butyltrifluorosilane**				**371-93-7**
l-g	6.99227	1623.4	1	263/323	253/333 C		79-dykrep
876	**C_4H_9I**		**1-Iodobutane**				**542-69-8**
l-g	5.94752	1358.86	–58.95	300/432	290/442 B	403.68/101.325	56-trcnh
877	**C_4H_9I**		**2-Iodobutane**				**513-48-4**
l-g	5.84113	1284.86	–58.15	393.15/393.15	373/403 C	393.15/101.325	87-trcsp
878	**C_4H_9I**		**1-Iodo-2-methylpropane**				**513-38-2**
l-g	6.76360	1736.277	–28.676	290/394	290/395 C	393.60/101.325	47-stu
879	**C_4H_9I**		**2-Iodo-2-methylpropane**				**558-17-8**
cr-g	10.11902	2598.703	0	202/224	202/224 D	214.43/0.01	44-mil
l-g	4.83140	1007.717	–60.428	235/294	235/295 D	269.00/1	44-mil
880	**$C_4H_{10}AlCl$**		**Chlorodiethyl-aluminum**				**96-10-6**
l-g	7.3546	2484.53	–17.7	317/398	307/408 C		79-dykrep
881	**$C_4H_{10}BF_3O$**		**Diethyl ether-boron trifluoride**				**109-63-7**
l-g	9.2069	2879	0	283/363	283/363 D		79-dykrep
882	**$C_4H_{10}BF_3S$**		**Diethyl sulfide-boron trifluoride**				**900000-41-1**
l-g	7.6599	1893	0	273/293	273/293 D		79-dykrep
883	**$C_4H_{10}Cl_2Si$**		**Dichlorodiethylsilane**				**1719-53-5**
l-g	6.20202	1483	–50.15	321/401	311/411 C		79-dykrep
884	**$C_4H_{10}F_2Si$**		**Diethyldifluorosilane**				**358-06-5**
l-g	5.90167	1067.94	–59.87	244/334	234/344 C		79-dykrep
885	**$C_4H_{10}F_3NOS$**		**(Diethylaminato)-trifluorooxosulfur**				**26458-94-6**
l-g	7.63974	2587.66	0	329/354	329/356 D		84-dykrep
886	**$C_4H_{10}F_3NS$**		**(*N*-Ethylethanaminato)-trifluorosulfur**				**38078-09-0**
l-g	7.53514	2363.6	0	318/340	314/346 D		84-dykrep
887	**$C_4H_{11}ClSi$**		**Chlorodiethylsilane**				**1609-19-4**
l-g	6.5444	1689.5	0	273/367	263/377 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
888	**$C_4H_{12}ClN$**		**Butylammonium chloride**				**3858-78-4**
l-g	6.8439	3244.9	0	489/508	479/518 C		79-dykrep
889	**$C_4H_{12}ClN$**		**Diethylammonium chloride**				**660-68-4**
l-g	18.5699	9277.1	0	513/558	503/568 C		79-dykrep
890	**$C_4H_{12}Cl_2OSi_2$**		**1,3-Dichloro-1,1,3,3-tetramethyldisiloxane**				**2401-73-2**
l-g	6.10241	1410.62	–65.82	303/403	293/413 C		79-dykrep
891	**$C_4H_{12}FN_2OP$**		***Bis*(dimethylamide)-fluorophosphoric acid**				**115-26-4**
l-g	7.66128	2632.2	0	312/350	302/360 C		79-dykrep

4.4 Halogen Containing Organic Compounds, C_5 to C_6

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
892	**C_5ClF_5**		**1-Chloro-2,3,4,5,5-pentafluoro-1,3-cyclopentadiene**				**30221-57-9**
l-g	6.775	1620	0	273/303	273/340 C	339.67/101.325	70-banbri Note 2
893	**C_5ClF_5**		**5-Chloro-1,2,3,4,5-pentafluoro-1,4-cyclopentadiene**				**30221-56-8**
l-g	6.495	1500	0	283/323	283/335 C	334.13/101.325	70-banbri Note 2
894	**C_5ClF_9**		**1-Chloro-3-(trifluoro-methyl)hexafluoro-cyclobutane, (*cis*+*trans* mix)**				**500037-30-9**
l-g	6.87	1570	0	242/313	240/315 D	267.46/10	79-atktsi Note 2
895	**$C_5Cl_3F_7$**		**1,1,5-Trichloro-2,3,3,4,4,5,5-heptafluoro-1-pentene**				**16327-67-6**
l-g	6.8824	1938.1	0	L	C	281.60/1	67-platit Note 27
896	**$C_5Cl_4F_8$**		**1,1,1,5-Tetrachloro-1,1,3,4,4,5,5,5-octafluoropentane**				**678-25-1**
l-g	6.4651	1914.0	0	L	C	296.05/1	67-platit Note 27
897	**$C_5Cl_5F_7O$**		**1,1,2-Trifluoro-2,2-dichloroethyl 2,2,3,3-tetrafluoro-1,1,3-tric**				**61196-11-0**
l-g	5.99459	1478.23	–78.89	362/449	352/459 B		84-dykrep
898	**C_5F_5N**		**Perfluoropyridine**				**700-16-3**
l-g	7.325	1898	0	273/363	273/363 D		79-dykrep
899	**C_5F_8**		**1,1,3,4,4,5,5,5-Octafluoro-1,2-pentadiene**				**21972-01-0**
l-g	6.625	1363	0	262/276	262/277 C	295.07/101.325	68-banbra Note 2
900	**C_5F_9N**		**3,3,3-Trifluoro-*N*,*N*-*bis*(trifluoromethyl)-1-propynylamine**				**19451-91-3**
l-g	6.4059	1302	0	277/293	275/295 D		84-dykrep
901	**C_5F_9NO**		**3,3,4,5,6,6-Hexafluoro-3,6-dihydro-2-(trifluormethyl)-2H-1,2-oxazine**				**4827-67-2**
l-g	7.0357	1638	0	263/323	253/333 D		84-dykrep
902	**C_5F_{10}**		**Perfluorocyclopentane**				**376-77-2**
cr-g	10.01939	3055.031	88.433	229/282	229/282 B	278.74/50	67-crotay
l-g	6.26385	1123.639	–31.760	285/330	285/330 B	295.65/101.325	56-barcad, 67-crotay
903	**$C_5F_{10}NP$**		***Bis*(pentafluoroethyl)-phosphinocyanide**				**35449-90-2**
l-g	6.9169	1725	0	293/353	293/353 D		84-dykrep
904	**$C_5F_{10}O_2$**		**1,1,1-Trifluoro-1,1-*bis*(trifluoromethyl)-ethyl fluoroformate**				**55064-79-4**
l-g	7.278	1683.2	0	275/305	275/305 D		84-dykrep
905	**$C_5F_{10}O_3$**		**carbonfluorido-peroxoic acid, 2,2,2-Trifluoro-1,1-*bis*(trifluoromethyl)-ethyl ester**				**64957-47-7**
l-g	7.3904	1798.9	0	293/353	293/353 C		84-dykrep
906	**$C_5F_{10}O_6S_2$**		**Octafluoro-1,2-cyclopentanediyl *bis*(fluorosulfate)**				**741-20-8**
l-g	6.1399	1395.1	–83.22	334/423	324/433 C		79-dykrep
907	**$C_5F_{11}N$**		**Undecafluoro-piperidine**				**836-77-1**
l-g	5.9838	1062.98	–55.557	302/355	292/365 C		84-pas

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
908	**C_5F_{12}**		**Perfluoro-2-methylbutane**				**594-91-2**
l-g	6.00501	1007.334	–51.404	228/338	228/338 B	303.28/101.325	56-barcad, 67-crotay
909	**C_5F_{12}**		**Perfluoropentane**				**678-26-2**
l-g	6.10646	1047.384	–47.002	221/338	221/340 C	302.42/101.325	56-barcad, 67-crotay
910	**$C_5F_{12}O_2$**		***Bis*(pentafluoro-ethoxy)difluoro-methane**				**20822-11-1**
l-g	5.59518	854.94	–76.01	246/299	236/309 B		84-dykrep
911	**$C_5F_{13}N$**		**Perfluorodiethyl-methylamine**				**758-48-5**
l-g	5.93975	1019.99	–60.317	298/319	294/325 B		84-dykrep
912	**$C_5F_{13}NS$**		***N*-[1,2,2,2-Tetrafluoro-1-(trifluoromethyl)ethyl]sulfilimine**				**37826-44-1**
l-g	6.90522	1907.69	26.384	314/360	314/360 C		84-dykrep
913	**$C_5F_{14}N_2O$**		**1,1-Difluoro-*N*-(tri-fluoromethoxy)-*N*,*N'*,*N'*-tris(trifluoromethoxy)methanediamine**				**17636-88-3**
l-g	7.3579	1759	0	282/323	282/323 D		84-dykrep
914	**$C_5F_{14}N_2O$**		**1-[Difluoro(trifluoromethoxy)methyl]-1,2,2-tris(trifluoro-methyl)hydrazine**				**17636-89-4**
l-g	7.3799	1811	0	302/331	300/332 D		84-dykrep
915	**$C_5F_{15}P_5$**		**1,2,3,4,5-Pentakis-(trifluoromethyl)-pentaphospholane**				**900001-66-3**
l-g	6.40021	1742.16	–65.87	319/435	309/445 C		84-dykrep
916	**C_5FeO_5**		**Pentacarbonyliron**				**13463-40-6**
l-g	5.95	1183.6	–78.15	313/364	303/374 C		79-dykrep
917	**$C_5HClF_8O_2$**		**2,2,2-Trifluoro-1-(chloro-difluoromethyl)ethyl trifluoroacetate**				**52225-55-5**
l-g	7.695	1921	0	293/353	293/353 D		84-dykrep
918	**C_5HF_9**		**Nonafluoro-cyclopentane**				**376-65-8**
l-g	6.04826	1039.905	–54.537	290/348	290/350 B	311.78/101.325	56-barcad
919	**C_5HF_9IN**		***trans*-3,3,3-Trifluoro-1-iodo-*N*,*N*-*bis*(trifluoromethyl)-propenylamine**				**20257-35-6**
l-g	6.9239	1826	0	345/368	343/370 D		84-dykrep
920	**$C_5HF_9O_2$**		**2,2,2-Trifluoro-1-(trifluoromethyl)ethyl trifluoroacetate**				**42031-15-2**
l-g	6.635	1487	0	293/353	293/353 D		84-dykrep
921	**$C_5H_2BrF_8N$**		**2-Bromo-3,3-difluoro-*N*,*N*-*bis*(trifluoromethyl)-allylamine**				**19451-93-5**
l-g	6.7599	1765	0	336/367	334/371 D		84-dykrep
922	**$C_5H_3F_6N$**		***N*,*N*-*Bis*(trifluoromethyl)-1-propynylamine**				**25237-11-0**
l-g	7.1679	1625	0	295/312	295/316 D		84-dykrep
923	**$C_5H_4BrF_6N$**		***trans*-2-Bromo-*N*,*N*-*bis*(trifluoromethyl)-propenylamine**				**25273-48-7**
l-g	6.8479	1742	0	336/360	336/364 D		84-dykrep
924	**C_5H_4BrN**		**3-Bromopyridine**				**626-55-1**
l-g	6.85249	2090.41	–15.44	289/447	279/457 C		79-dykrep
925	**C_5H_4ClN**		**2-Chloropyridine**				**109-09-1**
l-g	6.88198	2085.18	–15.95	286/444	276/454 C		79-dykrep
926	**$C_5H_4F_7I$**		**1,1,1,2,2,3,3-Heptafluoro-5-iodopentane**				**1513-88-8**
l-g	7.15684	2020.127	0	317/386	315/390 C	370.13/50	58-parlar

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
927	**$C_5H_4F_9N$**		**3,3,3-Trifluoro-*N*,*N*-*bis*(trifluoromethyl)-propylamine**				**19451-89-9**
l-g	6.851	1622	0	290/333	290/333 D		84-dykrep
928	**$C_5H_5F_6NO$**		***N*,*N*-*Bis*(trifluoromethyl)-allylamine-N-oxide**				**22743-77-7**
l-g	7.235	1730	0	254/328	254/328 D		79-dykrep
929	**$C_5H_5F_6NO$**		**1-Methoxy-*N*,*N*-*bis*(trifluoromethyl)-vinylamine**				**22130-39-8**
l-g	6.894	1692	0	321/343	321/343 D		84-dykrep
930	**$C_5H_5F_6NO_2$**		***N*,*N*-*Bis*(trifluoro-methyl)propionamide, *N*-oxide**				**22743-66-4**
l-g	7.985	2197	0	278/361	278/361 D		79-dykrep
931	**C_5H_5N**		**Pyridine**				**110-86-1**
l-g	6.19488	1531.781	–62.616	327/429	327/430 A	428.27/101.325	76-pisvar, 80-varpis, 78-varpis
932	**$C_5H_6Cl_2O_2$**		**Glutaryl chloride**				**2873-74-7**
l-g	7.48697	2574.56	–20.82	329/490	319/500 C		79-dykrep
933	**$C_5H_6F_3NO_3$**		***N*-(Trifluoroacetyl)-glycine methyl ester**				**383-72-2**
cr-g	8.145	2994	0	293/463	293/463 D		79-dykrep
934	**$C_5H_7ClO_3$**		**Propyl chloroglyoxylate**				**54166-91-5**
l-g	7.08543	1848.09	–51.26	282/396	272/406 C		79-dykrep
935	**$C_5H_7FO_2$**		**Fluoroacetic acid, 2-propenyl ester**				**406-23-5**
l-g	8.3486	2554.3	0	273/333	263/343 C		79-dykrep
936	**$C_5H_8Br_2$**		***cis*-1,2-Dibromocyclopentane**				**10230-26-9**
l-g	6.09141	1704.719	–52.205	273/333	273/338 C	332.06/1	41-lis
937	**$C_5H_8Br_4$**		**1,3-Dibromo-2,2-*bis*(bromomethyl)-propane**				**3229-00-3**
cr-g	12.00176	5863.263	63.811	384/435	384/435 C	424.72/1	41-nitsek
l-g	6.19715	2070.717	–88.247	439/466	439/468 B	464.87/5	41-nitsek
938	**$C_5H_8ClFO_2$**		**Methyl 4-fluoro-3-chlorobutanoate**				**900000-60-4**
l-g	8.5882	2845.4	0	273/333	263/343 C		79-dykrep
939	**$C_5H_8Cl_4$**		**1,1,1,5-Tetrachloropentane**				**2467-10-9**
l-g	5.03215	1029.083	–156.531	340/433	340/435 C	411.75/10	57-olegol
940	**$C_5H_8F_2O_3$**		**2-Fluoroethanol, carbonate(2:1)**				**406-15-5**
l-g	9.037	3214	0	273/333	263/343 D		79-dykrep
941	**C_5H_8Ge**		**2,4-Cyclopentadien-1-ylgermane**				**35682-28-1**
l-g	6.94039	1853.2	0	283/305	283/305 D		84-dykrep
942	**C_5H_9Br**		***(E)*-1-Bromo-2-methyl-1-butene**				**54265-17-7**
l-g	5.97281	1317.07	–58.15	390.15/390.15	370/400 C	390.15/101.325	87-trcsp
943	**C_5H_9Br**		***(Z)*-1-Bromo-2-methyl-1-butene**				**36668-55-0**
l-g	5.97281	1317.07	–58.15	390.15/390.15	370/400 C	390.15/101.325	87-trcsp
944	**C_5H_9Br**		***(E)*-1-Bromo-2-methyl-2-butene**				**57253-30-2**
l-g	5.98506	1349	–58.15	397.15/397.15	377/407 C	397.15/101.325	87-trcsp
945	**C_5H_9Br**		***(Z)*-1-Bromo-2-methyl-2-butene**				**57253-29-9**
l-g	5.98506	1349	–58.15	397.15/397.15	377/407 C	397.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
946	**C_5H_9Br**		***(E)*-1-Bromo-3-methyl-1-butene**				**16416-41-4**
l-g	5.94989	1281.85	–58.15	383.15/383.15	363/393 C	383.15/101.325	87-trcsp
947	**C_5H_9Br**		***(Z)*-1-Bromo-3-methyl-1-butene**				**16416-44-7**
l-g	5.94989	1281.85	–58.15	383.15/383.15	363/393 C	383.15/101.325	87-trcsp
948	**C_5H_9Br**		**2-Bromo-3-methyl-1-butene**				**31844-96-9**
l-g	5.98277	1276.63	–53.15	374.15/374.15	354/384 C	374.15/101.325	87-trcsp
949	**C_5H_9Br**		***(E)*-1-Bromo-1-pentene**				**31849-76-0**
l-g	5.98577	1313.42	–58.15	388.15/388.15	368/398 C	388.15/101.325	87-trcsp
950	**C_5H_9Br**		***(Z)*-1-Bromo-1-pentene**				**31849-75-9**
l-g	5.98577	1313.42	–58.15	388.15/388.15	368/398 C	388.15/101.325	87-trcsp
951	**C_5H_9Br**		***(E)*-1-Bromo-2-pentene**				**7348-71-2**
l-g	5.96448	1326.18	–61.15	396.15/396.15	376/406 C	396.15/101.325	87-trcsp
952	**C_5H_9Br**		***(Z)*-1-Bromo-2-pentene**				**7348-78-9**
l-g	5.96448	1326.18	–61.15	396.15/396.15	376/406 C	396.15/101.325	87-trcsp
953	**C_5H_9Br**		**2-Bromo-1-pentene**				**31844-95-8**
l-g	5.96076	1277.48	–58.15	381.15/381.15	361/391 C	381.15/101.325	87-trcsp
954	**C_5H_9Br**		***(E)*-2-Bromo-2-pentene**				**54653-30-4**
l-g	5.96379	1294.29	–58.15	385.15/385.15	365/395 C	385.15/101.325	87-trcsp
955	**C_5H_9Br**		***(Z)*-2-Bromo-2-pentene**				**54653-29-1**
l-g	5.96379	1294.29	–58.15	385.15/385.15	365/395 C	385.15/101.325	87-trcsp
956	**C_5H_9Br**		**3-Bromo-1-pentene**				**53045-71-9**
l-g	5.95424	1283.27	–58.15	383.15/383.15	363/393 C	383.15/101.325	87-trcsp
957	**C_5H_9Br**		***(E)*-3-Bromo-2-pentene**				**54653-28-0**
l-g	5.96012	1285.18	–58.15	383.15/383.15	363/393 C	383.15/101.325	87-trcsp
958	**C_5H_9Br**		***(Z)*-3-Bromo-2-pentene**				**23068-94-2**
l-g	5.96012	1285.18	–58.15	383.15/383.15	363/393 C	383.15/101.325	87-trcsp
959	**C_5H_9Br**		**4-Bromo-1-pentene**				**31950-56-8**
l-g	5.95608	1287.82	–58.15	384.15/384.15	364/394 C	384.15/101.325	87-trcsp
960	**C_5H_9Br**		***(E)*-4-Bromo-2-pentene**				**23068-95-3**
l-g	5.96166	1311.39	–58.15	389.65/389.65	369/399 C	389.65/101.325	87-trcsp
961	**C_5H_9Br**		***(Z)*-4-Bromo-2-pentene**				**56535-63-8**
l-g	5.96166	1311.39	–58.15	389.65/389.65	369/399 C	389.65/101.325	87-trcsp
962	**C_5H_9Br**		**5-Bromo-1-pentene**				**1119-51-3**
l-g	5.95447	1334.68	–63.15	401.15/401	381.15/411 C	401.15/101.325	87-trcsp
963	**C_5H_9Br**		***(E)*-5-Bromo-2-pentene**				**7515-62-0**
l-g	5.96811	1335.33	–61.15	398.15/398.15	378/408 C	398.15/101.325	87-trcsp
964	**C_5H_9Br**		***(Z)*-5-Bromo-2-pentene**				**50273-84-2**
l-g	5.96811	1335.33	–61.15	398.15/398.15	378/408 C	398.15/101.325	87-trcsp
965	**C_5H_9Br**		**Bromotrimethyl-ethylene**				**3017-70-7**
l-g	5.95803	1316.12	–58.15	391.15/391.15	371/401 C	391.15/101.325	87-trcsp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
966	**C_5H_9Cl**		**Chlorocyclopentane**				**930-28-9**
l-g	5.79455	1180.896	–75.031	316/390	316/390 C	386.71/101.325	70-andbra, 0-timhen
967	**C_5H_9ClO**		**Valeryl chloride**				**638-29-9**
l-g	9.5793	3072.13	–12.56	307/318	305/322 C		79-dykrep
968	**$C_5H_9ClO_2$**		**2-Chloropropanoic acid, ethyl ester**				**535-13-7**
l-g	7.28171	2109.02	–19.88	279/420	269/430 C		79-dykrep
969	**$C_5H_9ClO_2$**		**Ethyl 3-chloropropanoate**				**623-71-2**
l-g	9.073	2923	0	316/358	312/364 D		79-dykrep
970	**$C_5H_9ClO_2$**		**Isopropyl chloroethanoate**				**105-48-6**
l-g	7.86227	2605.84	23.27	276/422	276/422 C		79-dykrep
971	**C_5H_9ClS**		**Allyl 2-chloroethylsulfide**				**19155-35-2**
l-g	8.00836	2619.9	0	273/341	273/341 D		79-dykrep
972	**$C_5H_9Cl_3O$**		**3-Chloro-2,2-*bis*(chloromethyl)-1-propanol**				**813-99-0**
l-g	5.06777	885.02	–225.23	404/450	394/460 C		84-dykrep
973	**C_5H_9FOS**		**4-Fluorothiobutyric acid, *S*-methyl ester**				**352-31-8**
l-g	8.358	2735	0	273/333	263/343 D		79-dykrep
974	**$C_5H_9FO_2$**		**Fluoroacetic acid, 1-methylethyl ester**				**406-06-4**
l-g	7.875	2316	0.01	273/395	263/405 D		79-dykrep
975	**$C_5H_9FO_2$**		**Methyl 4-fluorobutanoate**				**900000-61-5**
l-g	8.2014	2471.7	0	273/351	263/361 C		79-dykrep
976	**$C_5H_9FO_3$**		**Methyl 3-fluoro-2-hydroxybutanoate**				**900000-62-6**
l-g	9.2285	3252.1	0	273/353	263/363 C		79-dykrep
977	**$C_5H_{10}Br_2$**		**1,1-Dibromopentane**				**13320-56-4**
l-g	6.432	1704	–68.15	360/501	350/511 D	453.15/101.325	79-dykrep
978	**$C_5H_{10}Br_2$**		**1,2-Dibromopentane**				**3234-49-9**
l-g	6.14724	1640.522	–64.242	348/461	348/461 B	460.36/101.325	75-pisroz, 80-varpis
979	**$C_5H_{10}Br_2$**		**1,4-Dibromopentane**				**626-87-9**
l-g	6.49171	1798.712	–72.124	377/524	316/524 B	473.09/101.325	61-dre
980	**$C_5H_{10}Br_2$**		**1,5-Dibromopentane**				**111-24-0**
l-g	6.49778	1883.708	–76.111	396/549	331/549 A	495.45/101.325	61-dre
981	**$C_5H_{10}Cl_2$**		**1,1-Dichloropentane**				**820-55-3**
l-g	6.202	1478	–60.75	311/439	311/439 C	412.95/101.325	57-trcnh
982	**$C_5H_{10}Cl_2$**		**1,2-Dichloropentane**				**1674-33-5**
l-g	6.10589	1474.404	–61.766	332/422	332/422 A	421.36/101.325	75-pisroz, 80-varpis
983	**$C_5H_{10}Cl_2$**		**1,4-Dichloropentane**				**626-92-6**
l-g	6.01807	1472.269	–75.258	350/443	350/445 A	442.19/101.325	75-pisroz, 80-varpis

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
984	**$C_5H_{10}Cl_2$**		**1,5-Dichloropentane**				**628-76-2**
l-g	6.09801	1547.515	–77.895	362/453	364/460 B	456.05/101.325	75-pisroz, 80-varpis
985	**$C_5H_{10}Cl_2$**		**Erythro-2,3-dichloropentane**				**19489-99-7**
l-g	6.84039	1992.371	0	331/413	330/415 C	412.10/101.325	51-hofgre
986	**$C_5H_{10}Cl_2O$**		**(2-Chloroethyl)(2-chloroisopropyl)ether**				**52250-75-6**
l-g	6.78921	1976.88	–39.72	297/453	287/463 C		79-dykrep
987	**$C_5H_{10}Cl_2O$**		**(2-Chloroethyl)(2-chloropropyl)ether**				**42434-29-7**
l-g	6.6422	1989.12	–38.23	302/467	292/477 C		79-dykrep
988	**$C_5H_{10}Cl_2O_2$**		***Bis*(2-chloroethoxy)-methane**				**111-91-1**
l-g	7.54778	2641.33	–11.52	326/488	316/498 C		79-dykrep
989	**$C_5H_{10}Cl_2Si$**		**Dichloroethyl-propenylsilane**				**18163-64-9**
l-g	6.23104	1593.69	–46.29	270/424	260/434 B		79-dykrep
990	**$C_5H_{10}Cl_3Ti$**		**(Cyclopentadienyl)-titanium chloride**				**900001-67-4**
l-g	10.596	4693	0	354/404	354/404 C		84-dykrep
991	**$C_5H_{10}F_2$**		**1,1-Difluoropentane**				**62127-40-6**
l-g	6.226	1245	–47.15	268/378	258/388 C	342.15/101.325	79-dykrep
992	**$C_5H_{10}F_2$**		**2,2-Difluoropentane**				**371-65-3**
l-g	6.28422	1229.322	–45.513	262/367	217/367 A	332.84/101.325	61-dre
993	**$C_5H_{10}F_2$**		**3,3-Difluoropentane**				**358-03-2**
l-g	6.28738	1232.703	–45.524	262/343	217/343 A	333.43/101.325	61-dre
994	**$C_5H_{10}F_2O_2$**		***Bis*(2-fluoroethoxy)-methane**				**373-40-0**
l-g	8.4133	2730.6	0	273/333	266/343 C		79-dykrep
995	**$C_5H_{11}Br$**		**1-Bromo-2,2-dimethylpropane**				**630-17-1**
L	5.92188	1271.551	–54.442	293/420	241/420 B	379.13/101.325	61-dre
996	**$C_5H_{11}Br$**		**1-Bromo-2-methylbutane**				**10422-35-2**
l-g	6.31969	1547.234	–35.279	313/394	313/394 C	393.94/101.325	37-bra, 61-dre
997	**$C_5H_{11}Br$**		**1-Bromo-3-methylbutane**				**107-82-4**
l-g	5.9759	1335.6	–57.15	306/436	296/446 C	393.55/101.325	79-dykrep
998	**$C_5H_{11}Br$**		**2-Bromo-2-methylbutane**				**507-36-8**
l-g	7.75964	2439.120	46.077	313/379	310/385 C	377.83/101.325	72-ano-4 Note 29
999	**$C_5H_{11}Br$**		**2-Bromo-3-methylbutane**				**18295-25-5**
l-g	5.95356	1310.711	–56.426	301/430	248/430 A	388.43/101.325	61-dre
1000	**$C_5H_{11}Br$**		**1-Bromopentane**				**110-53-2**
l-g	6.0807	1401.63	–58.77	301/430	291/440 B	402.73/101.325	56-trcnh
1001	**$C_5H_{11}Br$**		**2-Bromopentane**				**107-81-3**
l-g	5.95253	1313.077	–58.217	295/391	295/395 C	390.91/101.325	61-dre, 67-levgar

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1002	**$C_5H_{11}Br$**		**3-Bromopentane**				**1809-10-5**
l-g	5.91142	1296.949	–61.814	303/394	303/395 C	393.88/101.325	61-dre, 47-stu
1003	**$C_5H_{11}Br$**		**Neopentyl bromide**				**630-17-1**
l-g	5.92621	1274.2	–54.15	293/420	283/430 C	379.15/101.325	79-dykrep
1004	**$C_5H_{11}Cl$**		**1-Chloro-2,2-dimethylpropane**				**753-89-9**
l-g	6.07519	1249.154	–50.477	278/395	230/395 A	357.43/101.325	61-dre
1005	**$C_5H_{11}Cl$**		**1-Chloro-*(2RS)*-methylbutane**				**616-13-7**
l-g	6.12291	1345.12	–46.98	278/371	279.2/381 B	373.69/101.325	81-trcnh
1006	**$C_5H_{11}Cl$**		**2-Chloro-2-methylbutane**				**594-36-5**
l-g	6.07931	1255.641	–50.476	279/396	231/396 A	358.72/101.325	61-dre
1007	**$C_5H_{11}Cl$**		**2-Chloro-3-methylbutane**				**631-65-2**
l-g	6.07458	1275.425	–52.468	285/405	236/405 A	365.93/101.325	61-dre
1008	**$C_5H_{11}Cl$**		**1-Chloropentane**				**543-59-9**
l-g	5.93641	1271.16	–58.15	284/408	274/418 B	381.54/101.325	81-trcnh
1009	**$C_5H_{11}Cl$**		***(2RS)*-Chloropentane**				**625-29-6**
l-g	6.06896	1296.24	–50.65	275/371	265/381 B	369.67/101.325	81-trcnh
1010	**$C_5H_{11}Cl$**		**3-Chloropentane**				**616-20-6**
l-g	6.07711	1292.614	–53.430	289/410	239/410 A	370.92/101.325	61-dre
1011	**$C_5H_{11}ClO_2S$**		**1-Pentanesulfonyl chloride**				**6303-18-0**
l-g	8.772	3159.2	0	263/293	259/299 C		79-dykrep
1012	**$C_5H_{11}Cl_2N$**		***N*-Methyl*bis*(2-chloroethyl)amine**				**51-75-2**
l-g	8.12188	2850.4	0	273/333	263/343 C		79-dykrep
1013	**$C_5H_{11}F$**		**1-Fluoro-2-methylbutane**				**10086-64-3**
l-g	5.989	1107.2	–51.15	246/326	240/334 C	329.05/101.325	81-trcnh
1014	**$C_5H_{11}F$**		**2-Fluoro-2-methylbutane**				**661-53-0**
l-g	6.575	1425	–6.54999	234/313	226/321 C	317.95/101.325	81-trcnh
1015	**$C_5H_{11}F$**		**1-Fluoropentane**				**592-50-7**
l-g	6.1106	1190	–46.05	251/358	251/358 C	335.95/101.325	81-trcnh
1016	**$C_5H_{11}F$**		**2-Fluoropentane**				**590-87-4**
l-g	6.0922	1132.2	–51.35	247/326	237/336 B	328.45/101.325	81-trcnh
1017	**$C_5H_{11}I$**		**1-Iodo-2-methylbutane**				**25267-30-5**
l-g	7.1849	2254.04	14.69	339/406	339/406 C		79-dykrep
1018	**$C_5H_{11}I$**		**1-Iodo-3-methylbutane**				**541-28-6**
l-g	5.44907	1115.497	–98.973	275/422	275/425 D	422.93/101.325	47-stu
1019	**$C_5H_{11}I$**		**2-Iodo-2-methylbutane**				**594-38-7**
l-g	6.19368	1391.626	–65.759	308/399	305/405 C	398.05/101.325	32-kopsek
1020	**$C_5H_{11}I$**		**1-Iodopentane**				**628-17-1**
l-g	5.97662	1454.03	–63.98	320/459	310/469 B	430.15/101.325	56-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1021	**C_6BrF_5**		**Bromopentafluoro-benzene**				**394-04-7**
l-g	6.28195	1535.828	–50.561	400/522	400/522 C	467.92/400	66-evatil
1022	**C_6BrF_5**		**Bromoperfluoro-benzene**				**344-04-7**
l-g	6.20068	1475.78	–57.82	414/522	404/532 C		79-dykrep
1023	**C_6ClF_5**		**Chloropentafluoro-benzene**				**344-07-0**
l-g	6.19098	1387.118	–59.644	308/411	308/406 A	391.07/101.325	68-amb-1, 71-ambspr-1
l-g	6.62978	1733.172	–15.978	411/571	404/571 B	493.46/1000	68-amb-1, 71-ambspr-1
1024	**$C_6ClF_{13}N_2$**		**1-chloro-1',2,2,2,2',2',2'-heptafluoro-1,1'-*bis*(trifluoromethyl)-azoethane**				**33757-14-1**
l-g	6.88502	1742.16	0	297/355	287/365 C		84-dykrep
1025	**$C_6Cl_3F_3$**		**1,3,5-Trichloro-2,4,6-trifluorobenzene**				**319-88-0**
l-g	6.30325	1737.493	–67.168	364/460	364/449 A	394.80/10	75-ambell
l-g	6.27883	1722.015	–68.531	434/497	446/500 A	471.52/101.325	75-ambell
1026	**$C_6Cl_3N_3O_6$**		**1,3,5-Trichloro-2,4,6-trinitrobenzene**				**2631-68-7**
l-g	8.08354	3601.7	0	503/543	493/553 C		79-dykrep
1027	**$C_6Cl_4O_2$**		**Chloranil**				**118-75-2**
cr-g	11.185	5170	0	333/356	329/362 D		79-dykrep
1028	**C_6Cl_6**		**Hexachlorobenzene**				**118-74-1**
l-g	6.14763	1222.357	–58.262	290/362	280/356 A	353.38/101.325	81-amb, 90-ambewi
l-g	6.27606	1303.184	–48.198	353/444	356/447 A	353.37/101.325	81-amb, 90-ambewi
l-g	7.50880	2472.533	102.422	444/516.7	447/516.7 B	516.70/3275.1	90-ambewi, 88-davewi
1029	**C_6F_6**		**Hexafluorobenzene**				**392-56-3**
cr-g	11.4951	3518.13	44.44	215/278	205/278 B		79-ambewi
l-g	6.15233	1224.97	–57.98	278/354	278/310 A		79-ambewi
l-g	6.15031	1224.089	–58.055	318/444	310/458 A		90-ambewi
1030	**C_6F_8**		**Perfluoro(2-methyl-3-methylene-cyclobutane)**				**5680-05-7**
l-g	7.125	1619	0	243/306	243/316 C	264.33/10	66-banbar Note 27
1031	**C_6F_{12}**		**Dodecafluoro-1,2-dimethylcyclobutane**				**1858-56-6**
l-g	5.94174	1030.035	–55.787	242/318	242/320 C	317.48/101.325	67-crotay
1032	**C_6F_{12}**		**Perfluorocyclohexane**				**355-68-0**
cr-g	7.89617	1937.308	3.112	252/326	256/328 C	325.46/100	67-crotay, 57-rowtha
l-g	7.24386	2117.480	86.229	350/458	350/459 C	450.82/2000	67-crotay, 88-davewi, 57-rowtha
1033	**$C_6F_{12}N_2$**		***N*,*N*,*N'*,*N'*-Tetrakis-(trifluoromethyl)-1,2-ethynediamine**				**19451-96-8**
l-g	7.0899	1676	0	305/328	303/332 D		84-dykrep
1034	**$C_6F_{12}O$**		**Nonafluoro(trifluoro-methoxy)cyclopentane**				**788-40-9**
l-g	5.0742	677.31	–109.2	246/330	236/340 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1035	**$C_6F_{12}O_2$**		**2,2,2-Trifluoro-1,1-*bis*(trifluoromethyl)-ethyl trifluoroacetate**				**24165-10-4**
l-g	7.4729	1793.8	0	264/298	260/304 C		84-dykrep
1036	**$C_6F_{12}O_4$**	***O*-[2,2,2-Trifluoro-1,1-*bis*(trifluoro-methyl)ethyl]-00-(trifluoromethyl) peroxycarbonate**					**55100-93-1**
l-g	6.9465	1748.3	0	273/315	273/315 D		84-dykrep
1037	**C_6F_{14}**		**Perfluoro-2,3-dimethylbutane**				**354-96-1**
l-g	6.02989	1122.878	–54.130	262/452	262/453 D	333.16/101.325	67-crotay
1038	**C_6F_{14}**		**Perfluoro-2-methylpentane**				**355-04-4**
l-g	6.10323	1138.883	–52.720	253/453	253/452 C	330.66/101.325	67-crotay, 52-sticad
1039	**C_6F_{14}**		**Perfluoro-3-methylpentane**				**865-71-4**
l-g	6.10388	1151.610	–50.320	255/450	255/450 C	331.33/101.325	67-crotay
1040	**C_6F_{14}**		**Perfluorohexane**				**355-42-0**
l-g	6.07452	1113.722	–56.455	256/448	256/447 C	330.18/101.325	67-crotay, 58-dunmur, 78-mou
1041	**$C_6F_{14}Se$**		***Bis*(heptafluoro-propyl)selenide**				**755-81-7**
l-g	6.835	1803	0	228/343	228/343 D		84-dykrep
1042	**$C_6F_{15}N$**		**Perfluorotriethylamine**				**359-70-6**
l-g	5.6506	937.41	–86.51	317/349	313/355 B		79-dykrep
1043	**$C_6F_{16}S$**		**Difluoro*bis*[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]sulfur**				**1423-18-3**
l-g	6.975	1911	0	272/383	272/383 D		84-dykrep
1044	**$C_6HBrF_{12}N_2$**		***N*,*N*,*N'*,*N'*-tetrakis(trifluoro-methyl)vinylene-diamine**				**19451-95-7**
l-g	6.5159	1683	0	348/371	346/373 D		84-dykrep
1045	**$C_6HCl_2N_3O_6$**		**2,4-Dichloro-1,3,5-trinitrobenzene**				**1630-09-7**
l-g	-2.288	672.289	–733.989	505/533	501/539 B		84-pas
1046	**$C_6HCl_3F_8O_2$**		**2,2,3,4,4,5,6,6-Octafluoro-3,5,6-trichlorohexanoic acid**				**2106-54-9**
l-g	8.6507	3356	0	373/505	373/505 D		79-dykrep
1047	**$C_6HCl_3O_2$**		**2,3,5-Trichloro-2,5-cyclohexadiene-1,4-dione**				**634-85-5**
cr-g	11.155	4630	0	300/328	300/334 D		79-dykrep
1048	**C_6HCl_5**		**Pentachlorobenzene**				**608-93-5**
l-g	8.9446	3916.03	26.85	363/422	358.7/422 B	549.15/101.325	89-trcnh
l-g	8.4662	3810.89	40.75	422/577	422/587 B		89-trcnh
1049	**C_6HCl_5O**		**Pentachlorophenol**				**87-86-5**
l-g	8.198	3606	0	463/507	453/517 C		79-dykrep
1050	**C_6HF_5**		**Pentafluorobenzene**				**363-72-4**
l-g	6.16118	1253.522	–57.217	322/368	320/358 A	358.87/101.325	68-amb-1, 71-ambspr-1
l-g	6.20554	1281.308	–53.783	358/398	358/396 A	358.87/101.325	68-amb-1, 71-ambspr-1
l-g	6.47185	1475.721	–28.030	397/472	396/476 A	459.08/1000	68-amb-1, 71-ambspr-1
l-g	7.65440	2725.218	132.744	471/531	476/533 A	519.65/3000	68-amb-1, 71-ambspr-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1051	**C_6HF_5O**		**Pentafluorophenol**				**771-61-9**
l-g	6.19093	1379.15	–89.244	379/428	369/438 A		73-czas
1052	**$C_6H_2BrCl_3O$**		**3-Bromo-2,4,6-trichlorophenol**				**85117-86-8**
l-g	7.96751	3532.67	14.039	386/579	384/584 C		76-onovp
1053	**$C_6H_2ClN_3O_6$**		**1-Chloro-2,4,6-trinitrobenzene**				**88-88-0**
l-g	7.0949	3298	0	473/543	463/553 D		79-dykrep
1054	**$C_6H_2Cl_2O_2$**		**2,6-Dichloro-1,4-benzoquinone**				**697-91-6**
cr-g	8.975	3670	0	274/315	274/315 D		79-dykrep
1055	**$C_6H_2Cl_3F$**		**1,3,5-Trichloro-2-fluorobenzene**				**36556-33-9**
l-g	11.87779	8622.124	392.878	298/489	298/489 D	480.51/101.325	35-booels-1
1056	**$C_6H_2Cl_3NO_2$**		**2,4,5-Trichloro-1-nitrobenzene**				**89-69-0**
l-g	7.315	2963	0	427/523	417/533 D		79-dykrep
1057	**$C_6H_2Cl_4$**		**1,2,3,4-Tetrachlorobenzene**				**634-66-2**
l-g	6.8529	2385.11	–33.15	328/393	319.7/393 B	527.25/101.325	89-trcnh
l-g	6.097	1811.38	–84.45	393/561	393/571 B		89-trcnh
1058	**$C_6H_2Cl_4$**		**1,2,3,5-Tetrachlorobenzene**				**634-90-2**
l-g	6.2346	2000.81	–50.15	333/383	327.7/383 B	519.25/101.325	89-trcnh
l-g	7.3928	2966.91	31.55	383/551	383/561 B		89-trcnh
1059	**$C_6H_2Cl_4$**		**1,2,4,5-Tetrachlorobenzene**				**95-94-3**
l-g	9.14745	4658.447	134.122	419/519	400/520 B	518.16/101.325	47-stu
1060	**$C_6H_2Cl_4O$**		**2,3,4,6-Tetrachlorophenol**				**58-90-2**
l-g	7.52587	2822.63	–37.044	373/548	363/558 B		76-onovp
1061	**$C_6H_2Cl_4O_2$**		**Tetrachloro-hydroquinone**				**87-87-6**
cr-g	9.205	4650	0	298/359	298/359 D		79-dykrep
1062	**$C_6H_2F_4$**		**1,2,3,4-Tetrafluorobenzene**				**551-62-2**
l-g	6.33815	1405.381	–43.478	279/323	275/325 B	306.75/10	69-fin
1063	**$C_6H_2F_4$**		**1,2,3,5-Tetrafluorobenzene**				**2367-82-0**
l-g	6.20257	1290.716	–50.345	279/323	279/325 B	298.44/10	69-fin
1064	**$C_6H_3BrCl_2O$**		**2-Bromo-4,6-dichlorophenol**				**4524-77-0**
l-g	7.15057	2639.63	–28.291	357/533	347/543 B		76-onovp
1065	**$C_6H_3ClO_2$**		**2-Chloro-1,4-benzoquinone**				**695-99-8**
cr-g	9.865	3620	0	264/298	264/298 D		79-dykrep
1066	**$C_6H_3Cl_2NO_2$**		**3,4-Dichloro-1-nitrobenzene**				**99-54-7**
l-g	7.385	2894	0	417/515	407/525 D		79-dykrep
1067	**$C_6H_3Cl_3$**		**1,2,3-Trichlorobenzene**				**87-61-6**
cr-g	9.7869	3440.2	0.05	286/304	276/325.6 C	491.75/101.325	89-trcnh
l-g	6.0432	1866.32	–43.15	327/360	325.6/363 B		89-trcnh
l-g	7.3535	2735.53	19.85	365/521	363/531 B		89-trcnh
1068	**$C_6H_3Cl_3$**		**1,2,4-Trichlorobenzene**				**120-82-1**
cr-g	9.5699	3254	0.05	276/285	266/290.2 C	486.25/101.325	89-trcnh
l-g	6.003	1753.84	–56.15	299/358	290.2/358 B		89-trcnh
l-g	6.5849	2065.57	–35.15	358/517	358/527 B		89-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1069	**$C_6H_3Cl_3$**		**1,3,5-Trichlorobenzene**				**108-70-3**
cr-g	8.3009	2956	0.05	281/301	271/336.6 B	481.55/101.325	89-trcnh
l-g	6.0623	1749.08	–56.15	340/355	336.6/355 B		89-trcnh
l-g	6.4707	1959	–42.85	355/513	355/523 B		89-trcnh
1070	**$C_6H_3Cl_3O$**		**2,4,5-Trichlorophenol**				**95-95-4**
l-g	6.94806	2420.56	–35.674	345/525	335/535 B		76-onovp
1071	**$C_6H_3Cl_3O$**		**2,4,6-Trichlorophenol**				**88-06-2**
l-g	7.36186	2599.06	–34.151	350/519	340/529 B		76-onovp
1072	**$C_6H_3Cl_3O_2$**		**Trichloro-hydroquinone**				**608-94-6**
cr-g	12.695	5300	0	298/336	288/346 D		79-dykrep
1073	**$C_6H_3F_3$**		**1,3,5-Trifluorobenzene**				**372-38-3**
l-g	6.04841	1198.648	–53.902	279/324	279/330 B	306.39/20	69-fin
1074	**$C_6H_3F_9O_2$**		**1,1-*Bis*(trifluoromethyl)-ethyl trifluoroacetate**				**42031-16-3**
l-g	7.165	1743	0	293/353	293/353 D		84-dykrep
1075	**$C_6H_3F_9O_2$**		**2,2,2-Trifluoro-1,1-*bis*(trifluoromethyl)-ethyl acetate**				**24165-09-1**
l-g	7.8467	2092.3	0	273/328	263/338 C		84-dykrep
1076	**C_6H_4BrCl**		**1-Bromo-3-chlorobenzene**				**108-37-2**
l-g	6.49605	1911.513	–43.264	308/469	308/469 C	468.96/101.325	49-dremar
1077	**C_6H_4BrCl**		**1-Bromo-4-chlorobenzene**				**106-39-8**
cr-g	9.68188	2982.873	–30.330	273/338	273/340 D	309.58/0.1	56-ridsca, 61-walsmi
l-g	6.68678	2025.894	-37.268	305/471	300/475 C	407.05/101.325	47-stu, 61-walsmi
1078	**$C_6H_4BrNO_2$**		***p*-Bromonitrobenzene**				**586-78-7**
cr-g	11.8319	4615	0	293/313	289/319 D		79-dykrep
1079	**$C_6H_4Br_2$**		**1,2-Dibromobenzene**				**583-53-9**
l-g	5.74847	1451.685	–110.465	405/507	405/507 D	498.33/101.325	55-dre, 27-kur
1080	**$C_6H_4Br_2$**		**1,3-Dibromobenzene**				**108-36-1**
l-g	5.98702	1614.893	–86.299	399/500	399/500 C	491.92/101.325	27-kur
1081	**$C_6H_4Br_2$**		**1,4-Dibromobenzene**				**106-37-6**
cr-g	11.04835	4042.754	8.984	274/353	274/353 C	326.56/0.1	50-beddre, 81-dekvan, 61-walsmi
l-g	6.70933	2148.073	–34.855	377/492	365/495 B	491.54/101.325	47-stu
1082	**C_6H_4ClF**		**1-Chloro-3-fluorobenzene**				**625-98-9**
l-g	6.96741	2003.684	3.432	273/403	273/405 C	400.40/101.325	35-booels-1
1083	**C_6H_4ClI**		**1-Chloro-4-iodobenzene**				**637-87-6**
cr-g	8.944	3200	0	303/323	303/323 C	321.80/0.1	53-ewa
l-g	6.44178	1980.764	–54.744	333/444	333/443 C	418.78/10	78-bedleb
1084	**$C_6H_4ClNO_2$**		**4-Nitrochlorobenzene**				**100-00-5**
cr-g	12.0579	4345	0	283/303	279/309 D		79-dykrep
l-g	7.245	2680	0	385/471	375/481 D		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1085	**$C_6H_4Cl_2$**		**1,2-Dichlorobenzene**				**95-50-1**
l-g	6.26519	1702.426	–53.887	403/455	400/458 A	453.57/101.325	59-mcdshr
1086	**$C_6H_4Cl_2$**		**1,3-Dichlorobenzene**				**541-73-1**
l-g	6.20353	1634.297	–56.801	363/447	360/450 B	446.12/101.325	49-dreshr
1087	**$C_6H_4Cl_2$**		**1,4-Dichlorobenzene**				**106-46-7**
l-g	6.12341	1575.818	–64.504	367/448	360/450 B	447.20/101.325	59-mcdshr
1088	**$C_6H_4Cl_2O$**		**2,4-Dichlorophenol**				**120-83-2**
l-g	7.26724	2330.82	–39.935	326/483	316/493 B	483.15/101.325	76-onovp
1089	**$C_6H_4Cl_2O$**		**2,6-Dichlorophenol**				**87-65-0**
l-g	7.32813	2431.8	–36.391	333/493	323/503 B		76-onovp
1090	**$C_6H_4Cl_2O$**		**3,5-Dichlorophenol**				**591-35-5**
cr-g	9.63028	3750.83	0	273/295	269/301 C		84-dykrep
1091	**$C_6H_4Cl_2O_2$**		**2,6-Dichlorohydroquinone**				**20103-10-0**
cr-g	10.665	4800	0	323/345	322/347 D		79-dykrep
1092	**$C_6H_4Cl_2O_3$**		**Vinyl mucochlorate**				**900000-64-8**
l-g	8.9542	3340.3	0	273/333	263/343 C		79-dykrep
1093	**$C_6H_4Cl_3N$**		**2,4,6-Trichloraniline**				**634-93-5**
l-g	11.085	4864.09	0.47	407/535	397/545 C		79-dykrep
1094	**$C_6H_4Cl_4Si$**		**Trichloro(2-chlorophenyl)silane**				**2003-90-9**
l-g	7.06054	2434.94	–28.9	406/472	396/482 C		84-dykrep
1095	**$C_6H_4Cl_4Si$**		**Trichloro(3-chlorophenyl)silane**				**2003-89-6**
l-g	5.9607	1572.27	–105.97	398/463	388/473 C		84-dykrep
1096	**$C_6H_4F_2$**		**1,3-Difluorobenzene**				**352-18-1**
l-g	6.10546	1250.362	–51.162	311/392	305/405 A	356.15/101.325	80-osbsco
1097	**$C_6H_4F_2$**		**1,4-Difluorobenzene**				**540-36-3**
l-g	6.12409	1273.747	–52.725	300/398	295/400 A	362.01/101.325	80-osbsco
1098	**$C_6H_4I_2$**		**1,4-Diiodobenzene**				**624-38-4**
cr-g	5.65822	1421.202	–147.255	323/402	323/402 D	360.71/0.1	78-bedleb
l-g	7.02702	2806.955	0	403/434	400/435 C	417.33/2	78-bedleb
1099	**$C_6H_4INO_2$**		**1-Iodo-2-nitrobenzene**				**609-73-4**
l-g	7.555	3129	0	433/563	433/563 D		79-dykrep
1100	**$C_6H_5AsCl_2$**		**Dichlorophenylarsine**				**696-28-6**
l-g	7.88526	3048.3	0	273/333	273/333 D		79-dykrep
1101	**C_6H_5Br**		**Bromobenzene**				**108-86-1**
l-g	6.08025	1500.447	–60.898	329/428	329/430 C	429.15/101.325	55-dremar, 81-varbul
1102	**C_6H_5Cl**		**Chlorobenzene**				**108-90-7**
l-g	6.10667	1433.575	–55.277	335/405	335/405 A	404.85/101.325	52-bro
1103	**C_6H_5ClO**		**2-Chlorophenol**				**95-57-8**
l-g	6.35707	1774.35	–39.838	285/448	275/458 B		76-onovp

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1104	**C_6H_5ClO**		**3-Chlorophenol**				**108-43-0**
l-g	6.67081	2074.63	–42.359	317/487	307/497 B		76-onovp
1105	**C_6H_5ClO**		**4-Chlorophenol**				**106-48-9**
l-g	6.92975	2278.84	–30.8	323/493	313/503 B		76-onovp
1106	**$C_6H_5ClO_2$**		**2-Chlorohydroquinone**				**615-67-8**
cr-g	13.455	5370	0	298/334	288/344 D		79-dykrep
1107	**$C_6H_5ClO_2S$**		**Benzene sulfochloride**				**98-09-9**
l-g	6.62109	2219.13	–43.83	338/525	328/535 C		79-dykrep
1108	**$C_6H_5Cl_2O_2P$**		**Phosphorodichloridic acid, phenyl ester**				**770-12-7**
l-g	6.30021	1800.71	–93.09	339/513	329/523 C		79-dykrep
1109	**$C_6H_5Cl_3Si$**		**Phenyltrichlorosilane**				**98-13-5**
l-g	6.01734	1584.31	–80.02	333/453	323/463 C		79-dykrep
1110	**C_6H_5F**		**Fluorobenzene**				**462-06-6**
l-g	6.35687	1405.886	–35.286	255/357	255/359 C	358.39/101.325	1889-you-1
1111	**C_6H_5FO**		**2-Fluorophenol**				**367-12-4**
l-g	6.6295	1667.3	–62.65	293/353	283/363 E		84-dykrep
1112	**$C_6H_5F_3Si$**		**Phenyltrifluorosilane**				**368-47-8**
l-g	7.57187	2224.2	25.14	263/375	263/375 C		79-dykrep
1113	**C_6H_5I**		**Iodobenzene**				**591-50-4**
l-g	6.40176	1823.994	–46.071	305/462	305/465 C	460.99/101.325	1889-you-1
1114	**$C_6H_6AsCl_3$**		**Tris(2-chloroethenyl)arsine**				**40334-70-1**
l-g	8.1844	3295	0	409/533	409/533 D		79-dykrep
1115	**C_6H_6ClN**		**2-Chloroaniline**				**95-51-2**
l-g	8.63	3006	0	287/342	287/350 D	482/101.325	85-piasca/ pas
l-g	5.88177	1458	–105.89	398/482	388/492 B		84-piasca/ pas
1116	**C_6H_6ClN**		**3-Chloroaniline**				**108-42-9**
l-g	8.86	3180	0	292/349	290/326 D		85-piasca/ czas
l-g	2.16257	171.347	–288.138	334/398	326/400 B		73-piasca/ czas
1117	**C_6H_6ClN**		**4-Chloroaniline**				**106-47-8**
cr-g	11.2	4170	0	299/346	295/345.6 D		85-piasca
l-g	7.3489	2729	0	363/423	345.6/425 D		79-piasca
1118	**$C_6H_6Cl_2Si$**		**Dichlorophenylsilane**				**1631-84-1**
l-g	7.06251	2397.56	0	378/474	368/484 C		84-dykrep
1119	**$C_6H_6Cl_4$**		**α-3,4,5,6-Tetrachloro-cyclohexene**				**41992-55-6**
l-g	6.86548	2284.982	–51.027	353/522	350/525 B	521.21/101.325	51-calgri
1120	**$C_6H_6Cl_6$**		**α-Hexachloro-cyclohexane**				**319-84-6**
cr-g	11.78563	4984.263	–8.542	313/427	293/432 C	431.45/1	93-ror
l-g	10.01560	4334.624	0	437/458	430/460 C	446.20/2	93-ror

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1121	**$C_6H_6Cl_6$**		**β-Hexachloro-cyclohexane**				**319-85-7**
cr-g	10.71124	4931.724	–28.126	322/483	298/485 D	449.24/0.1	93-ror
1122	**$C_6H_6Cl_6$**		**γ-Hexachloro-cyclohexane**				**58-89-9**
cr-g	12.30514	5282.037	4.107	318/386	318/386 C	365.13/0.01	93-ror
1123	**$C_6H_6Cl_6$**		**δ-Hexachloro-cyclohexane**				**319-86-8**
cr-g	5.54641	1323.742	–196.688	372/411	355/414 C	398.90/0.1	93-ror
l-g	9.27028	4072.771	0	410/468	410/468 D	439.34/1	93-ror
1124	**$C_6H_7Cl_2N$**		**4-Chloroaniline, hydrochloride**				**20265-96-7**
cr-g	9.82487	4000.97	–3.044	373/483	363/493 C		84-dykrep
1125	**$C_6H_7F_3N_2O_4$**		***N*-Trifluoracetyl-glycylglycine**				**400-58-8**
cr-g	6.135	3501	0	273/423	273/423 D		79-dykrep
1126	**C_6H_8ClN**		**3-Methylpyridinium chloride**				**14401-92-4**
l-g	7.31696	2177.2	–95.99	420/471	410/481 C		79-dykrep
1127	**C_6H_8ClN**		**4-Methylpyridinium chloride**				**14401-93-5**
l-g	13.0498	8659.23	271.1	437/473	427/483 B		79-dykrep
1128	**$C_6H_8Cl_2O_4$**		**Ethyleneglycol *bis*(chloroethanoate)**				**6941-69-1**
l-g	7.50867	2704.76	–65.13	385/557	375/567 C		79-dykrep
1129	**$C_6H_9F_3O_2$**		**Butyl trifluoroacetate**				**367-64-6**
l-g	6.8041	1676.2	–28.15	343/377	339/383 C		79-dykrep
1130	**$C_6H_{10}Br_2$**		***cis*-1,2-Dibromocyclohexane**				**7429-37-0**
l-g	8.31522	3240.096	31.729	273/417	273/420 C	411.20/10	41-lis
1131	**$C_6H_{10}ClFO_2$**		**2-Chloroethyl 2-fluorobutanoate**				**900000-65-9**
l-g	8.8131	3152.8	0	273/333	263/343 C		79-dykrep
1132	**$C_6H_{10}Cl_2$**		**1,1-Dichlorocyclohexane**				**2108-92-1**
l-g	4.76053	800.090	–153.871	332/444	330/445 B	444.30/101.325	51-carkub, 54-kwemei
1133	**$C_6H_{10}Cl_2$**		***cis*-1,2-Dichlorocyclohexane**				**10498-35-8**
l-g	6.79006	2233.310	–13.105	364/481	362/483 B	479.90/101.325	51-carkub, 54-kwemei
1134	**$C_6H_{10}Cl_2$**		***trans*-1,2-Dichlorocyclohexane**				**822-86-6**
l-g	6.11890	1651.614	–60.619	344/463	344/463 C	462.16/101.325	51-carkub, 54-kwemei
1135	**$C_6H_{10}Cl_2$**		***cis*-1,4-Dichlorocyclohexane**				**16749-11-4**
l-g	11.03352	6202.698	220.610	353/467	350/470 C	466.46/101.325	52-lunwha
1136	**$C_6H_{10}Cl_2O_2$**		**Dichloroacetic acid, 2-methylpropyl ester**				**37079-08-6**
l-g	6.91236	2038.88	–40.44	301/456	291/466 C		79-dykrep
1137	**$C_6H_{10}Cl_2Si$**		**Diallyldichlorosilane**				**3651-23-8**
l-g	6.44025	1759.15	–41.81	282/439	272/449 C		79-dykrep
1138	**$C_6H_{10}F_2O_2$**		**2-Fluoroethyl 3-fluorobutanoate**				**900000-66-0**
l-g	8.411	2861	0	273/333	273/333 D		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1139	**$C_6H_{11}Br$**		**Cyclohexyl bromide**				**108-85-0**
l-g	6.899	1825.8	0	316/373	306/383 C		79-dykrep
1140	**$C_6H_{11}Cl$**		**Chlorocyclohexane**				**542-18-7**
l-g	5.89666	1338.343	–71.724	352/416	350/420 B	415.69/101.325	69-andbra, 75-bitkle
1141	**$C_6H_{11}ClO$**		**Diethylacetyl chloride**				**2736-40-5**
l-g	7.0185	2058.5	0	313/412	313/412 D		79-dykrep
1142	**$C_6H_{11}ClO_2$**		**Chloroacetic acid, 1-methylpropyl ester**				**17696-64-9**
l-g	6.66579	1829.03	–48.54	290/441	280/451 C		79-dykrep
1143	**$C_6H_{11}ClO_2$**		**Isobutyl chloroacetate**				**13361-35-8**
l-g	5.8295	1410.92	–66.14	293/323	289/329 C		84-dykrep
1144	**$C_6H_{11}F$**		**Fluorocyclohexane**				**372-46-3**
l-g	5.93417	1222.405	–62.153	316/374	310/380 B	373.32/101.325	38-grolin, 36-swa
1145	**$C_6H_{11}FO_2$**		**6-Fluorohexanoic acid**				**373-05-7**
l-g	10.796	4225.21	0	387/411	383/417 D		84-dykrep
1146	**$C_6H_{11}I$**		**Iodocyclohexane**				**626-62-0**
l-g	6.77770	2194.700	–4.255	358/409	355/415 B	384.11/10	56-breubb
1147	**$C_6H_{12}BCl_3O_3$**		**Tris(2-chloroethyl)borate**				**22238-19-3**
l-g	7.5393	3012	0	390/448	390/448 D		79-dykrep
1148	**$C_6H_{12}Br_2$**		**1,1-Dibromohexane**				**58133-26-9**
l-g	6.45664	1793.618	–72.124	378/526	349/526 B	475.10/101.325	61-dre
1149	**$C_6H_{12}ClNO$**		**4-(2-Chloroethyl)-morpholine**				**3240-94-6**
l-g	8.04461	2808.7	0	273/333	273/333 D		79-dykrep
1150	**$C_6H_{12}Cl_2$**		**1,1-Dichlorohexane**				**62017-16-7**
l-g	6.248	1578	–65.15	345/484	335/494 D	437.15/101.325	79-dykrep
1151	**$C_6H_{12}Cl_2$**		**1,2-Dichlorohexane**				**2162-92-7**
l-g	6.11211	1547.789	–68.415	352/446	350/450 A	445.34/101.325	75-pisroz-1, 80-varpis
1152	**$C_6H_{12}Cl_2$**		**1,6-Dichlorohexane**				**2163-00-0**
l-g	6.13493	1634.030	–82.718	377/479	375/482 A	478.44/101.325	88-varlos
1153	**$C_6H_{12}Cl_2$**		**Erythro-2,3-dichlorohexane**				**57732-05-5**
l-g	7.26612	2290.116	0	343/436	343/436 C	435.35/101.325	51-hofgre Note 12
1154	**$C_6H_{12}Cl_2$**		**Meso-3,4-dichlorohexane**				**500017-65-2**
l-g	5.17122	965.027	–129.751	328/435	328/435 C	434.61/101.325	51-hofgre
1155	**$C_6H_{12}Cl_2$**		**Racem-3,4-dichlorohexane**				**500017-65-2**
l-g	7.01484	2208.271	0	335/441	335/441 C	440.85/101.325	51-hofgre Note 12
1156	**$C_6H_{12}Cl_2O$**		***Bis*(2-chloroisopropyl)ether**				**108-60-1**
l-g	6.68233	1856.14	–58.79	302/456	302/456 D		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1157	**$C_6H_{12}Cl_2O_2$**		***Bis*-(2-chloroethyl)-acetal**				**14689-97-5**
l-g	7.52856	2482.34	–36.12	329/486	319/496 C		79-dykrep
1158	**$C_6H_{12}Cl_3N$**		**Tris(2-chloroethyl)-amine**				**555-77-1**
l-g	8.54111	3393.4	0	273/367	263/377 C		79-dykrep
1159	**$C_6H_{12}Cl_3O_4P$**		**Tris(2-chloroethyl)-phosphate**				**115-96-8**
l-g	4.345	1917	0	293/445	293/445 D		79-dykrep
1160	**$C_6H_{12}F_2$**		**1,1-Difluorohexane**				**62127-41-7**
l-g	6.287	1353	–52.15	290/407	280/417 C	368.15/101.325	79-dykrep
1161	**$C_6H_{12}F_4N_2$**		***N*,*N*,*N*,*N*-Tetrafluoro-2-methyl-1,2-pentanediamine**				**16096-76-7**
l-g	6.18432	1499.82	–58.04	253/293	243/303 B		79-dykrep
1162	**$C_6H_{13}Br$**		**1-Bromohexane**				**111-25-1**
l-g	6.1272	1503.52	–63.65	322/456	312/466 B	428.45/101.325	56-trcnh
1163	**$C_6H_{13}Br$**		**dl-2-Bromohexane**				**141126-38-7**
l-g	6.0741	1443	–61.15	303/416	293/426 C		79-dykrep
1164	**$C_6H_{13}Br$**		**2-Bromo-3,3-dimethylbutane**				**26356-06-9**
l-g	6.01584	1386.567	–59.354	315/449	260/449 B	405.12/101.325	61-dre
1165	**$C_6H_{13}Br$**		**3-Bromo-2,2-dimethylbutane**				**26356-06-9**
l-g	6.0194	1388.7	–59.15	315/449	305/459 C	405.15/101.325	79-dykrep
1166	**$C_6H_{13}Br$**		**2-Bromo-4-methylpentane**				**30310-22-6**
l-g	6.01020	1380.651	–59.346	315/448	260/448 B	404.12/101.325	61-dre
1167	**$C_6H_{13}Cl$**		**2-Chloro-2,3-dimethylbutane**				**594-57-0**
l-g	6.09328	1347.584	–55.443	301/426	249/426 A	385.12/101.325	61-dre
1168	**$C_6H_{13}Cl$**		**2-Chloro-3,3-dimethylbutane, (Pivaloylchloride)**				**5750-00-5**
l-g	6.09013	1342.459	–55.459	300/425	248/425 B	384.14/101.325	61-dre
1169	**$C_6H_{13}Cl$**		**1-Chlorohexane**				**544-10-5**
l-g	6.04443	1385.08	–65.29	306/435	296/445 B	408.24/101.325	81-trcnh
1170	**$C_6H_{13}Cl_2N$**		***N*-Ethyl-*bis*(2-chloroethyl)amine**				**538-07-8**
l-g	8.14382	2868.9	0	273/333	263/343 C		79-dykrep
1171	**$C_6H_{13}ClO_2S$**		**Hexylsulfonyl chloride**				**14532-24-2**
cr-g	8.403	3169.1	0	273/303	273/303 D		79-dykrep
1172	**$C_6H_{13}F$**		**1-Fluorohexane**				**373-14-8**
l-g	6.1554	1299.19	–51.55	273/388	270/388 C	364.65/101.325	56-trcnh
1173	**$C_6H_{13}F$**		**3-Fluorohexane**				**52688-75-2**
l-g	6.33533	1322.991	–50.465	281/393	234/393 A	356.03/101.325	61-dre
1174	**$C_6H_{13}I$**		**1-Iodohexane**				**638-45-9**
l-g	6.0203	1549.17	–68.6	339/485	329/495 B	454.48/101.325	56-trcnh
1175	**$C_6H_{14}FO_3P$**		**Diisopropyl fluoro phosphate**				**55-91-4**
l-g	9.8475	3344.6	0	273/348	263/358 C		79-dykrep
1176	**$C_6H_{15}ClSi$**		**Chlorotriethylsilane**				**994-30-9**
l-g	6.27431	1596.93	–45.41	269/420	259/430 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1177	**$C_6H_{15}ClSn$**		**Chlorotriethylstannane**				**994-31-0**
l-g	5.93335	1490.44	–105.71	333/473	323/483 C		84-dykrep
1178	**$C_6H_{15}FO_3Si$**		**Triethoxyfluorosilane**				**358-60-1**
l-g	7.1649	2104	0	290/374	290/374 D		79-dykrep
1179	**$C_6H_{15}FSi$**		**Fluorotriethylsilane**				**358-43-0**
l-g	6.10465	1352.1	–53.42	303/384	293/394 C		84-dykrep
1180	**$C_6H_{15}In$**		**Triethylindium**				**923-34-2**
l-g	7.0049	2340	0	238/403	238/403 D		84-dykrep
1181	**$C_6H_{16}FN_2OP$**		***N*,*N*′-Diisopropyl-phosphorodiamidic fluoride, mipafox**				**371-86-8**
l-g	6.874	3033	0	278/398	278/399 D		79-dykrep
1182	**$C_6H_{18}Cl_2O_2Si_3$**		**1,5-Dichloro-1,1,3,3,5,5-hexamethyltrisiloxane**				**3582-71-6**
l-g	6.61061	1884.61	–47.77	299/457	289/467 C		79-dykrep

4.5 Halogen Containing Organic Compounds, C_7 to C_{10}

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1183	**$C_7Cl_4F_{12}$**		**1,1,1,7-Tetrachloro-2,2,3,3,4,4-5,5,6,6,7,7-Dodecafluoroheptane**				**1550-21-6**
l-g	5.8708	1907	0	L	C	493.39/101.325	67-platit Note 27
1184	**C_7F_8**		**Octafluorotoluene**				**434-64-0**
l-g	6.21271	1327.581	–62.136	291/378	291/380 B	377.70/101.325	81-ambell-1
1185	**C_7F_{10}**		**3,3-Difluoro-1,2-*bis*(trifluoromethyl)-4-(difluoromethylene)-cyclobutene**				**14451-74-2**
l-g	6.925	1647	0	200/390	200/390 C	334.80/101.325	66-bandee
1186	**$C_7F_{12}O_6$**		**Hexafluoroperoxy-glutaric acid, *bis*(trisfluoromethyl)-ester**				**32751-20-5**
l-g	8.3571	2472.7	0	200/390	200/390 C		79-dykrep
1187	**C_7F_{14}**		**Perfluorocycloheptane**				**355-59-9**
l-g	6.555	1610	0	note 30	C	353.90/101.325	39-simblo
1188	**C_7F_{14}**		**Perfluoromethyl-cyclohexane**				**355-02-2**
l-g	6.30151	1335.737	–38.571	305/414	305/414 B	349.51/101.325	80-gentej, 59-goodou
l-g	6.15834	1256.007	–46.214	413/188	412/488 B	443.89/1000	80-gentej, 59-goodou
1189	**C_7F_{16}**		**Perfluoroheptane**				**335-57-9**
l-g	6.09030	1195.631	–62.886	271/380	271/372 B	355.60/101.325	57-muelew, 51-oligri
l-g	6.64494	1589.231	–12.660	363/474	371/474 B	448.67/1000	52-miloli, 51-oligri
1190	**$C_7F_{17}N$**		**Perfluoro-*N*,*N*-diethylpropylamine**				**338-81-8**
l-g	7.646	2048	0	283/366	283/366 D		79-dykrep
1191	**$C_7HF_5O_2$**		**Pentafluorobenzoic acid**				**602-94-8**
cr-g	12.483	4781	0	334/359	330/365 D		79-dykrep
1192	**C_7HF_{15}**		**1-H-Pentadecafluoro-heptane**				**375-83-7**
l-g	7.14550	1861.156	–6.193	292/370	292/370 B	368.30/101.325	66-carste, 56-mclsco
1193	**$C_7H_3ClF_3NO_2$**		**α,α,α-Trifluoro-2-chloro-5-nitrotoluene**				**777-37-7**
l-g	6.27899	1779.91	–88.51	364/508	354/518 B		79-dykrep
1194	**$C_7H_3ClF_3NO_2$**		**α,α,α-Trifluoro-4-chloro-3-nitrotoluene**				**121-17-5**
l-g	6.28268	1738.71	–89.2	358/495	348/505 B		79-dykrep
1195	**$C_7H_3Cl_2F_3$**		**1,2-Dichloro-4-(trifluoromethyl)-benzene**				**328-84-7**
l-g	7.57986	2636.756	26.853	284/446	284/450 C	446.18/101.325	35-booels, 47-stu
1196	**$C_7H_3Cl_2NO$**		**1,2-Dichloro-4-isocyanatobenzene**				**102-36-3**
cr-g	7.81213	3325.41	62.218	333/463	333/463 C		84-pas
1197	**$C_7H_3Cl_5$**		**1,2-Dichloro-4-(trichloromethyl)-benzene**				**13014-24-9**
l-g	6.11272	1871.610	–100.807	438/556	368/556 A	556.52/101.325	55-dre

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1198	**$C_7H_3F_5$**		**2,3,4,5,6-Pentafluorotoluene**				**771-56-2**
l-g	6.21481	1395.191	–59.149	312/423	310/443 A	390.62/101.325	68-amb-1, 71-ambspr-1
l-g	6.45454	1577.219	–35.909	403/523	440/511 B	492.47/1000	68-amb-1, 71-ambspr-1
l-g	7.90975	3255.480	170.802	493/564	508/566 B	535.57/2000	68-amb-1, 71-ambspr-1
1199	**$C_7H_4ClF_3$**		**1-(Trifluoromethyl)-2-chlorobenzene**				**88-16-4**
l-g	6.46077	1732.059	–36.947	273/426	273/426 C	425.73/101.325	35-booels, 51-potsay, 47-stu
1200	**$C_7H_4ClF_3$**		**1-(Trifluoromethyl)-3-chlorobenzene**				**98-15-7**
l-g	6.29975	1541.081	–52.131	293/412	293/415 C	411.02/101.325	35-booels, 51-parbro, 51-potsay
1201	**$C_7H_4ClF_3$**		**1-(Trifluoromethyl)-4-chlorobenzene**				**98-56-6**
l-g	6.15436	1450.053	–62.532	292/417	292/420 C	412.06/101.325	35-booels, 51-potsay
1202	**C_7H_4ClNO**		**1-Chloro-3-isocyanatobenzene**				**2909-38-8**
l-g	5.85757	1474.03	–95.996	344/431	334/441 C		84-pas
1203	**C_7H_4ClNO**		**1-Chloro-4-isocyanatobenzene**				**104-12-1**
l-g	14.337	10742.4	403.048	323/433	323/433 D	487.98/101.325	84-pas
1204	**$C_7H_4ClNO_3$**		**3-Nitrobenzoyl chloride**				**121-90-4**
l-g	7.935	3260	0	428/551	428/551 D		79-dykrep
1205	**$C_7H_4Cl_2O$**		**2-Chlorobenzoyl chloride**				**609-65-4**
l-g	7.615	2790	0	374/395	374/391 D		79-dykrep
1206	**$C_7H_4Cl_2O$**		**3-Chlorobenzoyl chloride**				**618-46-2**
l-g	7.145	2579	0	367/391	363/397 D		79-dykrep
1207	**$C_7H_4Cl_2O$**		**4-Chlorobenzoyl chloride**				**122-01-0**
l-g	8.015	2909	0	370/392	366/398 D		79-dykrep
1208	**$C_7H_4Cl_4$**		**1-Chloro-2-(trichloro-methyl)benzene**				**2136-89-2**
l-g	6.87394	2553.781	–12.689	342/588	342/590 C	537.27/101.325	55-dre, 47-stu
1209	**$C_7H_4Cl_4$**		**2,3,5,6-Tetrachlorotoluene**				**1006-31-1**
l-g	7.27495	2968.453	15.806	399/548	395/550 B	547.55/101.325	73-felsav
1210	**$C_7H_4F_3NO_2$**		**α, α, α-Trifluoro-*m*-nitrotoluene**				**98-46-4**
l-g	6.30515	1710.6	–78.03	341/475	331/485 B		79-dykrep
1211	**$C_7H_4F_4$**		**1-(Trifluoromethyl)-3-fluorobenzene**				**401-80-9**
l-g	6.13218	1305.236	–57.418	313/411	310/415 A	373.73/101.325	59-goodou
1212	**$C_7H_4F_4$**		**1-(Trifluoromethyl)-4-fluorobenzene**				**402-44-8**
l-g	6.56950	1620.823	–20.737	286/381	286/382 C	375.89/101.325	35-booels
1213	**$C_7H_4F_{12}O$**		**2,2,3,3,4,4,5,5,6,6,7,7-Dodecafluoro-1-heptanol**				**335-99-9**
l-g	8.297	2791	0	355/446	355/446 D		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1214	**C_7H_5ClO**		**Benzoyl chloride**				**98-88-4**
l-g	6.65026	2006.37	–38.41	305/470	295/480 C		79-dykrep
1215	**C_7H_5ClO**		**2-Chlorobenzaldehyde**				**89-98-5**
l-g	6.18706	1718.1	–74.15	382/563	372/573 C		79-dykrep
1216	**$C_7H_5Cl_2$**		**3,4-Dichlorotoluene**				**95-75-0**
l-g	6.10415	1655.44	–78.15	378/543	368/553 B		79-dykrep
1217	**$C_7H_5Cl_2N$**		**Phenylcarbonimidic dichloride**				**622-44-6**
l-g	8.032	2820	0	273/378	273/378 D		79-dykrep
1218	**$C_7H_5Cl_3$**		**2,4-Dichloro-1-(chloromethyl)-benzene**				**94-99-5**
l-g	6.27280	1882.469	–80.041	413/578	343/578 A	521.20/101.325	55-dre
1219	**$C_7H_5Cl_3$**		**(Trichloromethyl)-benzene**				**98-07-7**
l-g	6.81196	2154.231	–38.632	318/487	318/490 B	486.85/101.325	47-stu
1220	**$C_7H_5Cl_3$**		**2,3,6-Trichlorotoluene**				**2077-46-5**
l-g	5.64910	1336.509	–142.717	384/510	384/510 B	509.55/101.325	73-felsav
1221	**$C_7H_5Cl_3F_8$**		**1,1,2,2,3,3,4,4-Octafluoro-1,5,5-trichloroheptane**				**16395-71-4**
l-g	6.2443	1972.2	0	L	C	465.30/101.325	67-platit Note 27
1222	**$C_7H_5FO_2$**		***m*-Fluorobenzoic acid**				**455-38-9**
cr-g	11.562	4771	0	358/382	354/388 C		79-dykrep
1223	**$C_7H_5F_3$**		**(Trifluoromethyl)-benzene**				**98-08-8**
l-g	6.13913	1333.663	–52.551	242/375	242/334 C	375.21/101.325	55-dre, 51-potsay
l-g	6.11575	1319.005	–54.262	328/413	330/415 A	375.19/101.325	51-potsay, 59-scodou
l-g	7.40905	2677.402	131.835	468/532	468/533 C	519.91/2000	85-mou, 51-potsay
1224	**$C_7H_6Cl_2$**		**Benzal acetophenone**				**94-41-7**
l-g	6.17925	1815.31	–52.24	308/487	298/497 C		79-dykrep
1225	**$C_7H_6Cl_2$**		**(Dichloromethyl)-benzene**				**98-87-3**
l-g	6.32036	1924.560	–41.037	308/489	308/490 B	487.09/101.325	47-stu
1226	**$C_7H_6Cl_2$**		**2,4-Dichlorotoluene**				**95-73-8**
l-g	5.62428	1332.798	–104.386	346/475	346/475 C	472.72/101.325	73-felsav Note 32
1227	**$C_7H_6Cl_2$**		**3,4-Dichlorotoluene**				**95-75-0**
l-g	6.10287	1655.023	–78.130	378/543	314/543 A	482.07/101.325	55-dre
1228	**$C_7H_6F_3N$**		**3-(Trifluoromethyl)-benzenamine**				**98-16-8**
l-g	6.2952	1650.21	–79.57	334/464	324/474 B		79-dykrep
1229	**C_7H_7Br**		**Benzyl bromide**				**100-39-0**
l-g	7.09196	2374.88	–5.05	305/472	295/482 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1230	**C_7H_7Br**		**4-Bromotoluene**				**106-38-7**
l-g	6.09823	1657.432	–69.758	273/472	273/472 C	474.75/101.325	76-ash, 37-radtil, 47-stu
l-g	6.31425	1744.457	–52.840	320/458	283/458 D	457.72/101.325	55-dre, 1889-fei, 40-stusay, 68-amb-1 Note 99
1231	**C_7H_7Br**		**2-Bromotoluene**				**95-46-5**
l-g	6.08052	1579.493	–67.123	322/455	322/460 C	454.75/101.325	55-dre, 40-stusay
1232	**C_7H_7Br**		**3-Bromotoluene**				**591-17-3**
l-g	6.43558	1764.132	–58.097	351/457	350/458 C	456.33/101.325	40-stusay, 47-stu
1233	**C_7H_7Cl**		**Benzyl chloride**				**100-44-7**
l-g	6.68263	1932.14	–39.396	295/453	285/463 B		76-onovp
1234	**C_7H_7Cl**		**1-Chloro-2-methylbenzene**				**95-49-8**
l-g	5.7732	1302.5	–86.8	370/432	360/442 B	432.55/101.325	83-trcnh
1235	**C_7H_7Cl**		**1-Chloro-3-methylbenzene**				**108-41-8**
l-g	6.09799	1514.89	–65.27	373/435	363/445 B	435.45/101.325	83-trcnh
1236	**C_7H_7Cl**		**1-Chloro-4-methylbenzene**				**106-43-4**
l-g	6.22037	1615.12	–52.35	362/435	352/445 B	435.55/101.325	83-trcnh
1237	**C_7H_7ClO**		**2-Chloroanisole**				**766-51-8**
l-g	6.66563	2012.4	–43.15	388/460	378/470 B		79-dykrep
1238	**C_7H_7F**		**(Fluoromethyl)-benzene**				**350-50-5**
l-g	5.96987	1326.713	–79.023	308/357	300/360 B	345.97/10	76-ash
1239	**C_7H_7F**		**2-Fluorotoluene**				**95-52-3**
l-g	6.08192	1347.634	–56.925	248/388	248/388 A	387.54/101.325	74-mozkol, 51-potsay
l-g	7.14833	2484.367	106.772	452/531	450/535 C	492.11/1000	84-mou
1240	**C_7H_7F**		**3-Fluorotoluene**				**352-70-5**
l-g	6.18890	1414.349	–51.238	250/390	250/390 D	389.34/101.325	74-mozkol, 51-potsay, 47-stu
1241	**C_7H_7F**		**4-Fluorotoluene**				**352-32-9**
l-g	6.11614	1372.277	–55.915	340/428	340/430 A	389.77/101.325	62-scomes
1242	**C_7H_7I**		**(Iodomethyl)benzene**				**620-05-3**
l-g	8.86984	4271.637	123.785	360/400	360/405 C	399.00/5	76-ash
1243	**C_7H_7IO**		**4-Iodoanisole**				**696-62-8**
l-g	6.42412	2003.4	–66.76	401/480	391/490 C		84-dykrep
1244	**$C_7H_7IrO_4$**		**Dicarbonyl(2,4-pentandione)iridium**				**14023-80-4**
cr-g	11.4867	4873.61	0	286/325	286/325 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1245	**$C_7H_8Cl_2Si$**		**Dichlorobenzylsilane**				**18173-99-4**
l-g	7.01253	2033.07	–61.41	318/468	308/478 C		79-dykrep
1246	**$C_7H_8Cl_2Si$**		**Dichloromethylphenylsilane**				**149-74-6**
l-g	6.35814	1844.84	–54.83	308/479	298/489 C		79-dykrep
1247	**$C_7H_8Cl_2Si$**		**Dichloro-4-tolylsilane**				**13272-80-5**
l-g	7.07273	2094.47	–56.21	319/470	309/480 C		79-dykrep
1248	**$C_7H_8F_2Si$**		**Difluoromethylphenylsilane**				**328-57-4**
l-g	6.26082	1507.41	–62.06	303/413	293/423 C		84-dykrep
1249	**$C_7H_9F_3N_2O_4$**		***N*-[*N*-(Trifluoro-acetyl)glycyl]glycine methyl ester**				**433-33-0**
cr-g	14.975	6682	0	323/419	320/419 D		79-dykrep
l-g	10.735	4902	0	420/443	419/443 D		79-dykrep
1250	**$C_7H_9F_5O_2$**		**Butyl pentafluoropropanoate**				**680-28-4**
l-g	6.6904	1669.7	–33.35	354/389	344/399 C		79-dykrep
1251	**$C_7H_9F_9N_2OSSi$**		**1,1,1-trifluoro-N-[2,2,2-trifluoro-1-(trifluoromethyl)-ethylidene-N'-(trimethylsilyl)-methanesulfonimid-amide**				**62609-67-0**
l-g	6.825	2058	0	293/353	293/353 D		84-dykrep
1252	**$C_7H_{11}ClO_5$**		**(2-Chloroethyl)[(1-methoxycarbonyl)-ethyl]carbonate**				**900000-70-6**
l-g	8.6623	3491	0	365/525	365/525 D		79-dykrep
1253	**$C_7H_{11}Cl_3O_2$**		**Trichloroacetic acid, 2,2-dimethylpropyl ester**				**57392-56-0**
l-g	8.455	3013	0	378/473	378/473 D		79-dykrep
1254	**$C_7H_{12}Br_2$**		**1,2-Dibromocycloheptane**				**29974-68-3**
l-g	9.90496	4699.365	107.942	292/353	290/355 C	323.00/0.1	41-lis
1255	**$C_7H_{12}ClNO$**		**6-Chlorohexyl isocyanate**				**13654-91-6**
l-g	7.1071	2541.63	–14.12	363/453	353/463 C		79-dykrep
1256	**$C_7H_{12}ClN_5$**		**2-Chloro-4,6-*bis*(ethylamino)-1,3,5-triazine**				**122-34-9**
cr-g	14.292	6833	0	323/403	323/403 D		79-dykrep
1257	**$C_7H_{12}Cl_2O_2$**		**Neopentyl dichloroethanoate**				**900000-71-7**
l-g	8.515	2996	0	368/463	368/463 D		79-dykrep
1258	**$C_7H_{12}Cl_2S$**		**2-Chlorocyclopentyl 2-chloroethyl sulfide**				**900000-14-8**
l-g	8.85376	3444.6	0	273/333	266/343 C		79-dykrep
1259	**$C_7H_{12}Cl_4$**		**1,1,1,7-Tetrachloroheptane**				**3922-36-9**
l-g	5.13165	1197.626	–155.163	342/455	340/460 C	445.03/10	61-fruvoy, 57-olegol
1260	**$C_7H_{13}Cl_2IrO_2$**		***Bis*(chloroethylene)(2,4-pentandione)iridium**				**900001-70-9**
cr-g	10.5683	4739.25	0	281/298	279/302 D		84-dykrep
1261	**$C_7H_{13}Cl_2O_2Rh$**		***Bis*(chloroethylene)(2,4-pentandione)-rhodium**				**900001-71-0**
cr-g	16.3141	6242.72	0	274/288	272/292 D		84-dykrep
1262	**$C_7H_{13}ClO$**		**Heptanoyl chloride**				**2528-61-2**
l-g	9.593	3072.13	–12.562	307/418	297/428 C		79-dykrep
1263	**$C_7H_{13}ClO_2$**		**Neopentyl chloroethanoate**				**900000-73-9**
l-g	8.488	2904	0	378/448	378/448 D		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1264	**$C_7H_{13}F_3O_3$**		**Orthoformic acid, tris(2-fluoroethyl)ester**				**2339-51-7**
l-g	8.058	3118	0	273/333	273/333 D		79-dykrep
1265	**$C_7H_{14}Br_2$**		**1,1-Dibromoheptane**				**59104-79-9**
l-g	6.498	1882	–76.15	395/548	385/558 C	495.15/101.325	79-dykrep
1266	**$C_7H_{14}Br_2$**		**1,2-Dibromoheptane**				**42474-21-5**
l-g	7.60472	2764.023	0	295/353	295/353 D	321.22/0.1	41-lis
1267	**$C_7H_{14}Cl_2$**		**1,1-Dichloroheptane**				**821-25-0**
l-g	6.04430	1531.389	–83.301	374/462	374/465 B	462.49/101.325	87-varlos-2
1268	**$C_7H_{14}Cl_2$**		**1,2-Dichloroheptane**				**10575-87-8**
l-g	6.10294	1599.874	–76.891	353/466	351/470 A	467.37/101.325	82-varpuc
1269	**$C_7H_{14}Cl_2$**		**1,7-Dichloroheptane**				**821-76-1**
l-g	6.07477	1651.562	–93.688	406/491	405/500 A	499.57/101.325	87-varlos-2
1270	**$C_7H_{14}F_2$**		**1,1-Difluoroheptane**				**407-96-5**
l-g	6.349	1458	–57.15	311/424	301/434 C	392.85/101.325	79-dykrep
1271	**$C_7H_{15}B_3F_3N_3$**		**1,2,3,4,5-Pentamethyl-6-(trifluorovinyl)-borazine**				**20453-68-3**
l-g	3.14324	958.26	0	280/324	280/324 D		84-dykrep
1272	**$C_7H_{15}Br$**		**1-Bromoheptane**				**629-04-9**
l-g	6.1831	1603.71	–68.15	341/481	331/491 B	452.05/101.325	56-trcnh
1273	**$C_7H_{15}Br$**		**2-Bromoheptane**				**1974-04-5**
l-g	6.1255	1541	–66.15	333/440	323/450 C		79-dykrep
1274	**$C_7H_{15}Cl$**		**1-Chloroheptane**				**629-06-1**
l-g	6.05548	1463.37	–72.24	326/462	316/472 B	433.59/101.325	81-trcnh
1275	**$C_7H_{15}Cl$**		**2-Chloroheptane**				**1001-89-4**
l-g	6.2294	1524	–63.15	313/424	303/434 C		79-dykrep
1276	**$C_7H_{15}Cl_2N$**		***N*-Methyl*bis*(2-chloroethyl)amine**				**52802-03-6**
l-g	8.12188	2850.4	0	273/333	273/333 D		79-dykrep
1277	**$C_7H_{15}Cl_2N$**		***N*-Propyl*bis*(2-chloroethyl)amine**				**621-68-1**
l-g	8.14374	2966.7	0	273/369	263/379 C		79-dykrep
1278	**$C_7H_{15}F$**		**1-Fluoroheptane**				**661-11-0**
l-g	6.2084	1405.79	–56.55	294/416	294/416 C	391.05/101.325	56-trcnh
1279	**$C_7H_{15}I$**		**1-Iodoheptane**				**4282-40-0**
l-g	6.0737	1644.29	–72.9	358/509	348/519 C	477.1/101.325	56-trcnh
1280	**$C_7H_{17}ClSi$**		**(1-Chloroethyl)-diethylmethylsilane**				**18817-17-9**
l-g	6.9121	2184.2	0	353/445	353/445 D		79-dykrep
1281	**$C_8Cl_4N_2$**		**2,4,5,6-Tetrachloro-1,3-benzenedicarbonitrile, chlorothalonil**				**1897-45-6**
cr-g	10.1846	4477.93	–42.803	363/418	353/428 C		84-dykrep
1282	**C_8F_{16}**		**Perfluoro-1,3-dimethylcyclohexane**				**335-27-3**
l-g	5.92623	1194.475	–70.441	308/375	305/380 A	375.11/101.325	86-vardru
1283	**C_8F_{16}**		**Perfluoroethyl-cyclohexane**				**335-21-7**
l-g	5.97186	1214.833	–67.794	311/411	300/413 A	374.09/101.325	59-goodou
l-g	6.19252	1341.594	–54.492	308/512	308/512 B	512.04/1821.4	86-vardru

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1284	**C_8F_{18}**		**Perfluorooctane**				**307-34-6**
l-g	6.08925	1256.470	–71.316	308/380	304/382 B	379.01/101.325	81-varbul
l-g	8.47301	3890.918	238.151	437/503	430/505 C	472.78/1000	67-jerskr, 81-varbul
1285	**$C_8F_{18}N_2OS$**		**Oxo*bis*(trifluoro-methyl)-*bis*[[2,2,2-trifluoro-1-(trifluoromethyl)-ethylidine]amino]-sulfur**				**900002-56-4**
l-g	6.645	2069	0	273/333	273/333 D		84-dykrep
1286	**$C_8F_{18}O$**		***Bis*(nonafluorobutyl)-ether**				**308-48-5**
l-g	9.85214	2942.98	0	374/413	364/423 C		84-dykrep
1287	**$C_8F_{18}O_2$**		**Dodecafluoro-1,6-*bis*(trifluoromethoxy)-hexane**				**900001-89-0**
l-g	6.6119	1755	0	293/353	293/353 D		84-dykrep
1288	**$C_8HCl_4F_{11}O_2$**		**3,5,7,8-Tetrachloro-2,2,3,4,4,5,6,6,7,8,8-undecafoctanoic acid**				**2923-68-4**
l-g	8.6783	3690	0	373/553	373/553 D		79-dykrep
1289	**$C_8H_2F_{14}$**		**1,1,1,2,2,3,3,6,6,7,7,8,8,8-Tetradecafluoro-4-octene**				**3910-82-5**
l-g	7.115	1930	0	L /378	C	377.74/101.325	64-fiehas Note 33
1290	**$C_8H_2F_{16}$**		**1H,8H-Hexadecafluorooctane**				**307-99-3**
l-g	7.221	2145.9	0	298/323	298/323 C	310.10/2	56-mclsco Note 31
1291	**$C_8H_3ClF_6$**		**4-Chloro-1,3-*bis*(trifluoromethyl)-benzene**				**327-76-4**
l-g	7.10070	1955.855	–33.875	275/354	275/355 C	339.39/5	46-fiesay Note 34
1292	**$C_8H_3ClF_6$**		**5-Chloro-1,3-*bis*(trifluormethyl)-benzene**				**328-72-3**
l-g	7.23464	1986.637	–26.997	275/354	275/354 C	345.64/10	46-fiesay Note 34
1293	**$C_8H_3Cl_4F_3$**		**1,1-Dichloro-1-(3,4-dichlorophenyl)-2,2,2-trifluoroethane**				**328-82-5**
l-g	7.84868	2986.557	0	417/461	415/465 C	436.08/10	51-parbro Note 13
1294	**$C_8H_3F_5O_2$**		**Pentafluorophenyl acetate**				**19220-93-0**
l-g	7.74818	2513.57	0	283/322	273/332 C		84-dykrep
1295	**$C_8H_3F_{15}O$**		**1H,1H-Perfluorooctanol**				**307-30-2**
l-g	8.4288	2795	0	350/437	350/437 D		79-dykrep
1296	**$C_8H_4ClF_3O$**		**Trifluoromethyl 3-chlorophenyl ketone**				**321-31-3**
l-g	7.70908	2571.16	0	366/405	356/415 C		84-dykrep
1297	**$C_8H_4Cl_2O_2$**		**1,3-Benzenedicarbonyl dichloride**				**99-63-8**
l-g	7.905	3211	0	443/473	439/479 D		84-dykrep
1298	**$C_8H_4Cl_2O_2$**		**1,4-Benzenedicarbonyl dichloride**				**100-20-9**
l-g	7.505	2937	0	454/473	450/479 D		84-dykrep
1299	**$C_8H_4Cl_2O_2$**		**Phthaloyl chloride**				**88-95-9**
l-g	6.98493	2576.14	–31.57	391/549	381/559 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1300	**$C_8H_4Cl_3F_3$**		**1,1-Dichloro-1-(3-chlorophenyl)2,2,2-trifluoroethane**				**309-12-6**
l-g	7.37375	2591.036	0	387/475	385/475 C	456.59/50	51-parbro Note 13
1301	**$C_8H_4F_6$**		**1,3-*Bis*(trifluoromethyl)-benzene**				**402-31-3**
l-g	6.43033	1483.205	–52.679	275/354	275/354 C	325.81/10	46-fiesay Note 34
1302	**$C_8H_4F_6$**		**1,4-*Bis*(trifluoromethyl)-benzene**				**433-19-2**
l-g	6.15621	1348.001	–64.619	288/390	290/390 B	389.40/101.325	51-potsay Note 34
1303	**$C_8H_5Cl_2F_3$**		**(1,1-Dichloro-2,2,2-trifluoroethyl)benzene**				**309-10-4**
l-g	7.41111	2450.655	0	365/447	365/450 C	429.03/50	51-parbro Note 13
1304	**$C_8H_5Cl_2N$**		**α, α-Dichlorophenyl-acetonitrile**				**40626-45-7**
l-g	7.06319	2340.7	–33.92	329/497	319/507 C		79-dykrep
1305	**$C_8H_5Cl_5$**		**Pentachloroethyl-benzene**				**606-07-5**
l-g	6.98091	2739.5	–21.405	369/572	359/582 C		79-dykrep
1306	**$C_8H_5F_3O$**		**2,2,2-Trifluoro-1-phenylethanone**				**434-45-7**
l-g	7.28578	2250.27	0	342/425	332/435 C		84-dykrep
1307	**C_8H_6BrN**		**2-Bromobenzyl cyanide**				**19472-74-3**
l-g	6.99147	2160.23	–82.068	358/432	348/442 A		73-czas
1308	**$C_8H_6Cl_2$**		**2,3-Dichlorostyrene**				**2123-28-6**
l-g	6.93747	2331.23	–35.654	334/508	324/518 B		76-onovp
1309	**$C_8H_6Cl_2$**		**2,4-Dichlorostyrene**				**2123-27-5**
l-g	6.85990	2236.706	–37.398	326/499	325/500 C	498.18/101.325	44-miccla, 47-stu
1310	**$C_8H_6Cl_2$**		**2,5-Dichlorostyrene**				**1123-84-8**
l-g	6.82024	2210.2	–41.345	329/500	319/510 B		76-onovp
1311	**$C_8H_6Cl_2$**		**2,6-Dichlorostyrene**				**28469-92-3**
l-g	6.83162	2197.876	–35.494	320/491	320/494 C	490.93/101.325	44-miccla, 47-stu
1312	**$C_8H_6Cl_2$**		**3,4-Dichlorostyrene**				**2039-83-0**
l-g	6.85797	2261.559	–37.694	330/504	330/505 C	503.78/101.325	44-miccla, 47-stu
1313	**$C_8H_6Cl_2$**		**3,5-Dichlorostyrene**				**2155-42-2**
l-g	6.94684	2297.585	–32.934	326/499	325/500 C	497.92/101.325	44-miccla, 47-stu
1314	**$C_8H_6Cl_2O$**		**3-(Chloromethyl)-benzoyl chloride**				**63024-77-1**
l-g	7.06653	2856.6	0	424/464	420/470 C		84-dykrep
1315	**$C_8H_6Cl_2O$**		**4-(Chloromethyl)-benzoyl chloride**				**876-08-4**
l-g	8.71529	3570.32	0	440/466	436/472 D		84-dykrep
1316	**$C_8H_6Cl_4$**		**1,2,3,4-Tetrachloro-5,6-dimethylbenzene**				**877-08-7**
l-g	7.15496	2573.055	–47.129	367/546	365/549 C	546.82/101.325	47-stu

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1317	**$C_8H_6Cl_4$**		**1,2,3,5-Tetrachloro-4-ethylbenzene**				**61911-56-6**
l-g	7.11817	2741.393	–7.187	350/543	350/545 B	543.41/101.325	47-stu
1318	**$C_8H_6ClNO_3$**		**2-Chloro-2-nitroacetophenone**				**22751-23-1**
cr-g	13.3639	5413	0	296/327	296/330 D		79-dykrep
1319	**$C_8H_6ClNO_3$**		**2-Chloro-3-nitroacetophenone**				**99-47-8**
cr-g	13.2049	5700	0.01	299/343	289/353 C		79-dykrep
1320	**C_8H_7Br**		**2-Bromostyrene**				**2039-88-5**
l-g	–0.2699	76.748	–462.288	383/402	379/408 B		76-onovp
1321	**C_8H_7Br**		***p*-Bromostyrene**				**2039-82-9**
l-g	10.9425	6426.64	240.88	393/420	393/420 D		76-onovp
l-g	6.1398	1682.5	–78.15	383/543	420/553 B		79-onovp
1322	**C_8H_7Cl**		**2-Chlorostyrene**				**2039-87-4**
l-g	6.38473	1812.78	–47.312	372/428	362/438 B		76-onovp
1323	**C_8H_7Cl**		**3-Chlorostyrene**				**2039-85-2**
l-g	6.47	1883.76	–41.623	298/463	288/473 B		76-onovp
1324	**C_8H_7Cl**		***p*-Chlorostyrene**				**1073-67-2**
l-g	9.20641	4219.08	127.638	374/400	364/410 B		76-onovp
1325	**C_8H_7ClO**		**α-Chloroacetophenone**				**532-27-4**
cr-g	12.904	4740	0	278/323	268/333 D		79-dykrep
1326	**C_8H_7ClO**		***p*-Chloroacetophenone**				**99-91-2**
l-g	6.30237	1852.9	–79.15	404/623	394/633 C		79-dykrep
1327	**C_8H_7ClO**		**Phenylacetyl chloride**				**103-80-0**
l-g	6.75779	2020.19	–57.91	321/483	311/493 B		79-dykrep
1328	**C_8H_7FO**		**(Fluoroacetyl)benzene**				**450-95-3**
l-g	8.8782	3236.4	0	273/333	263/343 D		79-dykrep
1329	**$C_8H_8Br_2$**		**(1,2-Dibromoethyl)-benzene**				**93-52-7**
l-g	7.57748	2740.668	–35.018	359/528	357/530 C	526.90/101.325	47-stu
1330	**$C_8H_8Cl_2$**		**1,4-*Bis*(chloromethyl)-benzene**				**93-52-7**
l-g	8.84651	4528.211	130.641	412/504	410/510 C	502.89/50	73-besmar
1331	**$C_8H_8Cl_2$**		**1,2-Dichloro-3-ethylbenzene**				**54484-61-6**
l-g	6.85742	2302.132	–21.227	319/496	315/500 C	495.73/101.325	47-stu
1332	**$C_8H_8Cl_2$**		**1,2-Dichloro-4-ethylbenzene**				**6623-59-2**
l-g	7.19530	2619.505	4.638	320/500	315/502 C	500.12/101.325	47-stu
1333	**$C_8H_8Cl_2$**		**2,5-Dichloro-1-ethylbenzene**				**54484-63-8**
l-g	7.09244	2509.229	3.394	311/490	310/492 C	489.90/101.325	47-stu
1334	**$C_8H_8Cl_2$**		**2,5-Dichloro-*p*-xylene**				**1124-05-6**
l-g	6.29217	1791.4	–78.15	393/573	383/583 C		79-dykrep
1335	**$C_8H_8Cl_2O_2$**		**2-(2,4-Dichlorophenoxy)-ethanol**				**120-67-2**
l-g	6.40272	2035.22	–112.78	484/560	474/570 B		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1336	**C_8H_9Br**		**(2-Bromoethyl)-benzene**				**103-63-9**
l-g	7.06937	2359.851	–22.821	362/491	300/495 B	488.86/101.325	59-mcdshr
1337	**C_8H_9Br**		**1-Bromo-2,5-dimethylbenzene**				**553-94-6**
l-g	6.50352	1946.205	–46.848	310/480	310/480 C	479.55/101.325	47-stu
1338	**C_8H_9Br**		**1-Bromo-4-ethylbenzene**				**1585-07-5**
l-g	7.49058	2749.043	24.384	347/479	340/480 C	476.82/101.325	49-dremar, 47-stu
1339	**C_8H_9Br**		**2-Bromoethylbenzene**				**1973-22-4**
l-g	6.0864	1621.24	–75.15	368/523	358/533 C		79-dykrep
1340	**C_8H_9Cl**		**(1-Chloroethyl)-benzene**				**672-65-1**
l-g	2.31044	179.546	–260.191	336/372	336/375 C	371.61/5	42-han-1
1341	**C_8H_9Cl**		**1-Chloro-2-ethylbenzene**				**89-96-8**
l-g	6.35358	1736.924	–51.624	346/451	343/452 D	451.11/101.325	49-dremar, 47-stu
1342	**C_8H_9Cl**		**1-Chloro-3-ethylbenzene**				**620-16-6**
l-g	6.30211	1716.715	–57.311	348/457	348/460 C	456.88/101.325	55-dre, 49-dremar
1343	**C_8H_9Cl**		**1-Chloro-4-ethylbenzene**				**622-98-0**
l-g	6.43357	1818.867	–46.703	350/458	350/460 C	457.48/101.325	49-dremar, 49-dreshr, 47-stu
1344	**C_8H_9Cl**		**(2-Chloroethyl)-benzene**				**622-24-2**
l-g	8.03272	2774.790	0	356/380	356/380 D	378.36/5	42-han-1
1345	**C_8H_9Cl**		**1-(Chloromethyl)-4-methylbenzene**				**104-82-5**
l-g	8.11673	3390.672	79.101	376/457	375/460 C	449.23/50	73-besmar
1346	**$C_8H_9ClNO_5PS$**		***O,O*-Dimethyl-*O*-(3-chloro-4-nitrophenyl)-thiophosphate, chlorthion**				**500-28-7**
l-g	10.2115	4807.8	0	283/409	282/409 D		79-dykrep
1347	**C_8H_9ClO**		***p*-Chlorophenethyl alcohol**				**1875-88-3**
l-g	6.54533	2039	–83.15	426/673	416/683 C		79-dykrep
1348	**C_8H_9ClO**		**2-Chlorophenetole**				**614-72-2**
l-g	7.23273	2408.53	–20.64	318/481	308/491 D		79-dykrep
1349	**C_8H_9ClO**		***p*-Chlorophenetole**				**622-61-7**
l-g	6.6896	2070	–43.15	395/485	385/495 C		79-dykrep
1350	**$C_8H_9ClO_2$**		**Ethyleneglycol 4-chlorophenyl ether**				**7477-64-7**
l-g	6.3106	1889.56	–116.02	410/554	400/564 C		79-dykrep
1351	**$C_8H_9Cl_3O_4$**		**Ethyl 2-acetyl-4,4,4-trichloro-3-oxobutanoate**				**900001-90-3**
l-g	7.0255	2776.3	0	374/409	374/409 D		84-dykrep
1352	**$C_8H_{10}Cl_2OSi$**		**Dichloroethoxyphenylsilane**				**18236-80-1**
l-g	6.48117	1927.38	–64.75	325/496	315/506 C		79-dykrep
1353	**$C_8H_{10}Cl_2Si$**		**Dichloroethylphenyl-silane**				**1125-27-5**
l-g	6.4167	2032.21	–42.71	316/503	306/513 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1354	**$C_8H_{10}F_3NO_3$**		***N*-Trifluoroacetyl-L-proline methyl ester**				**715-58-2**
l-g	7.675	3026	0	303/523	303/523 D		79-dykrep
1355	**$C_8H_{10}F_3NO_5$**		***N*-Trifluoroacetyl-L-2-aminosuccinamic acid, dimethylester**				**81084-01-7**
l-g	7.505	3040	0	303/423	303/423 D		79-dykrep
1356	**$C_8H_{11}ClSi$**		**Chlorodimethylphenylsilane**				**768-33-2**
l-g	6.26422	1703.69	–66.48	302/467	292/477 C		79-dykrep
1357	**$C_8H_{11}FSi$**		**Fluorodimethylphenylsilane**				**454-57-9**
l-g	5.99628	1402.79	–84.01	303/423	293/433 C		84-dykrep
1358	**$C_8H_{11}F_3O_2$**		**Trifluoroacetic acid, cyclohexyl ester**				**1549-45-7**
l-g	6.8594	1905.8	–28.35	345/420	335/430 C		79-dykrep
1359	**$C_8H_{12}Cl_2O_5$**		**Diethyleneglycol *bis*(chloroethanoate)**				**900000-77-3**
l-g	9.3505	4161.84	–19.36	421/586	411/596 C		79-dykrep
1360	**$C_8H_{14}Br_2$**		**1,2-Dibromocyclooctane**				**29974-69-4**
l-g	16.83874	12967.259	391.596	293/354	290/355 C	335.32/0.1	41-lis
1361	**$C_8H_{14}ClN_5$**		**2-Chloro-4-ethylamino-6-isopropylamino-*s*-triazine**				**1912-24-9**
cr-g	12.8909	5945	0	323/403	323/403 D		79-dykrep
1362	**$C_8H_{14}Cl_2S$**		**1-Chloro-2-[(2-chloroethyl)thio]-cyclohexane**				**16660-53-0**
l-g	7.8709	3265.5	0	273/333	273/333 D		79-dykrep
1363	**$C_8H_{15}Br$**		**(2-Bromoethyl)-cyclohexane**				**1647-26-3**
l-g	6.17247	1772.028	–60.493	311/487	311/490 C	485.77/101.325	47-stu
1364	**$C_8H_{15}ClO$**		**5-Methylheptanoyl chloride**				**900000-82-0**
l-g	10.1568	3462.8	0	338/373	328/383 C		79-dykrep
1365	**$C_8H_{15}ClO$**		**Octanoyl chloride**				**111-64-8**
l-g	11.1832	3889.9	0	343/373	339/379 C		79-dykrep
1366	**$C_8H_{16}Br_2$**		**1,1-Dibromooctane**				**62168-26-7**
l-g	6.528	1967	–80.15	412/571	406/578 C	515.15/101.325	79-dykrep
1367	**$C_8H_{16}Cl_2$**		**1,1-Dichlorooctane**				**20395-24-8**
l-g	6.362	1773	–74.15	382/533	372/543 C	481.15/101.325	79-dykrep
1368	**$C_8H_{16}Cl_2$**		**1,2-Dichlorooctane**				**21948-46-9**
l-g	6.11832	1666.388	–83.454	370/487	370/490 A	488.64/101.325	82-varpuc
1369	**$C_8H_{16}Cl_2$**		**1,8-Dichlorooctane**				**2162-99-4**
l-g	6.08461	1707.797	–100.155	411/510	411/510 A	518.85/101.325	87-varlos-2
1370	**$C_8H_{16}Cl_2$**		**Erythro-4,5-dichlorooctane**				**2162-99-4**
l-g	7.15944	2470.181	0	351/480	351/480 C	479.30/101.325	51-hofgre Note 12
1371	**$C_8H_{16}Cl_4O_4Si$**		**Tetrakis(2-chloroethoxy)silane**				**18290-84-1**
l-g	9.2883	4237	0	447/500	447/500 D		79-dykrep
1372	**$C_8H_{16}F_2$**		**1,1-Difluorooctane**				**61350-03-6**
l-g	6.41	1559	–61.15	329/459	319/469 C	415.15/101.325	79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1373	**$C_8H_{17}Br$**		**1-Bromooctane**				**111-83-1**
l-g	6.2428	1701.61	–72.35	359/504	349/514 B	473.95/101.325	56-trcnh
1374	**$C_8H_{17}Br$**		**2-Bromooctane**				**557-35-7**
l-g	6.1728	1634	–70.15	343/463	336/470 C		79-dykrep
1375	**$C_8H_{17}Cl$**		**1-Chlorooctane**				**111-85-3**
l-g	6.08658	1541.08	–78.99	345/486	335/496 B	456.62/101.325	81-trcnh
1376	**$C_8H_{17}Cl$**		**2-Chlorooctane**				**628-61-5**
l-g	6.2696	1619	–67.15	330/446	320/456 C		79-dykrep
1377	**$C_8H_{17}Cl$**		**3-(Chloromethyl)-heptane**				**123-04-6**
l-g	7.1764	2306.6	0	371/443	371/447 B	446.09/101.325	76-levgol Note 2
1378	**$C_8H_{17}Cl_2N$**		***N*-Butyl*bis*(2-chloroethyl)amine**				**42520-97-8**
l-g	8.40851	3169.8	0	273/380	263/390 C		79-dykrep
1379	**$C_8H_{17}Cl_2N$**		***N*-*tert*-Butyl*bis*(2-chloroethyl)amine**				**10125-86-7**
l-g	8.2592	3050.9	0	273/345	263/355 C		79-dykrep
1380	**$C_8H_{17}Cl_2N$**		***N*-(*sec*-Butyl)*bis*(2-chloroethyl)amine**				**900000-28-4**
l-g	8.29174	3109.5	0	273/373	263/383 C		79-dykrep
1381	**$C_8H_{17}Cl_2N$**		***N*-Isobutyl*bis*(2-chloroethyl)amine**				**87289-70-1**
l-g	8.54732	3152.5	0	273/345	273/345 C		79-dykrep
1382	**$C_8H_{17}ClO_4$**		**11-Chloro-3,6,9-trioxa-1-undecanol**				**5197-66-0**
l-g	8.48725	3601.42	1.02	383/555	373/565 C		79-dykrep
1383	**$C_8H_{17}F$**		**1-Fluorooctane**				**463-11-6**
l-g	6.266	1509.34	–61.15	314/442	304/452 C	415.45/101.325	56-trcnh
1384	**$C_8H_{17}I$**		**1-Iodooctane**				**629-27-6**
l-g	6.1319	1738.53	–76.92	375/531	365/541 B	498.26/101.325	56-trcnh
1385	**$C_8H_{20}ClN$**		**Dibutylammonium chloride**				**6287-40-7**
l-g	12.7639	6096	0	553/563	553/565 D		79-dykrep
1386	**$C_8H_{20}Cl_2OSi_2$**		**1,3-Dichloro-1,1,3,3-tetraethyldisiloxane**				**18825-03-1**
l-g	6.22612	1842.18	–67.63	343/463	333/473 C		79-dykrep
1387	**$C_8H_{24}Cl_2O_3Si_4$**		**1,7-Dichloro-1,1,3,3,5,5,7,7-octamethyl-tetrasiloxane**				**2474-02-4**
l-g	7.10018	2387.91	–26.47	326/495	316/505 C		79-dykrep
1388	**$C_9F_{17}NO_3S$**		**Heptadecafluoro-1-octanesulfonyl-isocyanate**				**34834-20-3**
l-g	5.95921	1342.96	–129.793	324/470	314/480 D		84-dykrep
1389	**C_9F_{18}**		**Perfluoro(propyl-cyclohexane)**				**374-59-4**
l-g	6.02851	1303.082	–72.274	321/396	320/400 A	396.20/101.325	81-varbul
1390	**C_9F_{20}**		**Perfluorononane**				**375-96-2**
l-g	7.36951	2566.589	90.437	387/524	385/524 B	388.07/101.325	67-jerskr
1391	**$C_9Fe_2O_9$**		**Nonacarbonyldiiron**				**15321-51-4**
cr-g	17.825	7070	0	296/314	295/316 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1392	**$C_9H_5Br_2NO$**		**5,7-Dibromo-8-quinolinol**				**521-74-4**
cr-g	9.715	4910	0	323/383	313/393 D		79-dykrep
1393	**C_9H_5ClINO**		**7-Chloro-5-iodo-8-quinolinol**				**35048-13-6**
cr-g	14.675	6850	0	363/383	363/383 D		79-dykrep
1394	**$C_9H_5Cl_2NO$**		**5,7-Dichloro-8-quinolinol**				**773-76-2**
cr-g	10.405	4860	0	363/383	363/389 D		79-dykrep
1395	**$C_9H_5Cl_3F_{12}$**		**1,7,7-Trichloro-1,1,2,2,3,3,4,4,5,5,6,6-dodecafluorononane**				**16327-68-7**
l-g	5.4407	1730.7	0	L	C	503.01/100	67-platit Note 27
1396	**$C_9H_5I_2NO$**		**5,7-Diiodo-8-quinolinol**				**83-73-8**
cr-g	10.995	5790	0	323/383	323/383 D		79-dykrep
1397	**C_9H_6INO**		**5-Iodo-8-quinolinol**				**13207-63-1**
cr-g	14.095	6200	0	363/383	363/383 D		79-dykrep
1398	**$C_9H_7Cl_3O_3$**		**Methyl 2,4,5-trichloro-phenoxyacetate**				**1928-37-6**
l-g	5.26768	1336.65	–194	444/573	434/583 C		84-dykrep
1399	**$C_9H_7F_3O_2$**		**Trifluoroacetic acid, 3-methylphenyl ester**				**1736-09-0**
l-g	7.0079	2017.3	–36.85	363/439	353/449 C		79-dykrep
1400	**$C_9H_7F_3O_2$**		**Trifluoroacetic acid, 4-methylphenyl ester**				**1813-29-2**
l-g	6.8087	1890	–49.15	365/442	355/452 C		79-dykrep
1401	**$C_9H_8Cl_2O_3$**		**Methyl 2,4-dichloro-phenoxyacetate**				**1928-38-7**
l-g	6.92535	2566.43	–62.49	403/548	393/558 C		84-dykrep
1402	**$C_9H_9F_6NO_5$**		***N,O-Bis*(trifluoroacetyl)-L-threonine methyl ester**				**1548-45-4**
l-g	9.965	3785	0	323/413	323/413 D		79-dykrep
1403	**$C_9H_{11}Br$**		**1-Bromo-2-isopropylbenzene**				**7073-94-1**
l-g	6.06695	1627.985	–82.586	404/484	404/485 C	483.45/101.325	55-dre, 49-dremar, 49-dreshr
1404	**$C_9H_{11}Br$**		**1-Bromo-4-isopropylbenzene**				**586-61-8**
l-g	6.33665	1862.065	–62.081	362/493	362/495 C	492.03/101.325	55-dre, 49-dremar
1405	**$C_9H_{11}Cl$**		**1-Chloro-2-isopropylbenzene**				**2077-13-6**
l-g	6.25484	1706.685	-62.577	341/465	340/465 C	464.23/101.325	55-dre, 49-dremar
1406	**$C_9H_{11}Cl$**		**1-Chloro-4-isopropylbenzene**				**2621-46-7**
l-g	6.27115	1744.394	–62.494	307/472	307/472 C	471.45/101.325	55-dre, 49-dremar
1407	**$C_9H_{11}ClN_2O$**		**3-(*p*-Chlorophenyl)-1,1-dimethylurea**				**150-68-5**
cr-g	12.4301	5988.39	0	303/379	293/389 D		79-dykrep
1408	**$C_9H_{11}ClO_2$**		**Propyleneglycol mono-p-chlorophenyl ether**				**67146-43-4**
l-g	7.4358	2692.7	–47.01	417/542	407/552 C		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1409	**$C_9H_{11}ClS$**		**[[(2-Chloroethyl)thio]-methyl]benzene**				**4332-51-8**
l-g	6.50156	2733.4	0	273/333	263/343 C		79-dykrep
1410	**$C_9H_{11}F_5O_2$**		**Pentafluoropropanoic acid, cyclohexyl ester**				**24262-73-5**
l-g	6.85036	1844.72	–48.259	355/428	345/438 B		73-czas
1411	**$C_9H_{12}F_3N_3O_5$**		***N*-[*N*-(*N*-(Trifluoro-acetyl)glycyl)glycyl]-glycine methyl ester**				**651-18-3**
cr-g	14.875	6969	0	343/433	333/443 D		79-dykrep
1412	**$C_9H_{14}F_3NO_3$**		***N*-Trifluoroacetyl-L-leucine methyl ester**				**1115-39-5**
l-g	7.845	2922	0	273/463	273/463 D		79-dykrep
1413	**$C_9H_{15}Cl_3O_2$**		**3-Chloro-2,2-*bis*(chloromethyl)-propyl butanoate**				**900001-94-7**
l-g	7.06997	2247.87	–103.76	426/482	416/492 C		84-dykrep
1414	**$C_9H_{15}IrO_2$**		***Bis*(ethylene)(2,4-pentandione)iridium**				**52654-27-0**
cr-g	9.93924	4379.62	0	283/311	283/311 D		84-dykrep
1415	**$C_9H_{16}ClN_5$**		**2-Chloro-4,6-*bis*(isopropylamino)-1,3,5-triazine**				**139-40-2**
cr-g	13.8789	6533	0	323/403	323/403 D		79-dykrep
1416	**$C_9H_{16}Cl_4$**		**1,1,1,9-Tetrachlorononane**				**1561-48-4**
l-g	9.45126	3891.100	–7.300	303/434	303/450 C	419.00/1	61-fruvoy
1417	**$C_9H_{18}Br_2$**		**1,1-Dibromononane**				**62168-27-8**
l-g	6.559	2049	–83.15	427/591	420/698 C	533.15/101.325	79-dykrep
1418	**$C_9H_{18}Cl_2$**		**1,1-Dichlorononane**				**821-88-5**
l-g	6.407	1866	–77.15	398/556	388/566 D	501.15/101.325	79-dykrep
1419	**$C_9H_{18}Cl_2$**		**1,2-Dichlorononane**				**56375-96-3**
l-g	6.11907	1716.032	–91.172	428/509	426/510 A	508.36/101.325	86-var
1420	**$C_9H_{18}F_2$**		**1,1-Difluorononane**				**62127-42-8**
l-g	6.472	1657	–65.15	348/482	338/492 C	436.15/101.325	79-dykrep
1421	**$C_9H_{19}Br$**		**1-Bromononane**				**693-58-3**
l-g	6.301	1796.73	–76.25	376/525	368/533 C	494.55/101.325	56-trcnh
1422	**$C_9H_{19}Cl$**		**1-Chlorononane**				**2473-01-0**
l-g	6.10469	1610.17	–85.55	363/509	355/517 C	478.37/101.325	81-trcnh
1423	**$C_9H_{19}F$**		**1-Fluorononane**				**463-18-3**
l-g	6.3226	1608.48	–65.55	333/465	333/465 C	438.15/101.325	56-trcnh
1424	**$C_9H_{19}I$**		**1-Iodononane**				**4282-42-2**
l-g	6.1894	1830.37	–80.65	391/551	383/561 C	518.15/101.325	56-trcnh
1425	**$C_9H_{21}ClO_3Si$**		**Triethoxy(3-chloropropyl)silane**				**5089-70-3**
l-g	6.45366	183.12	–83.31	363/463	353/473 C		84-dykrep
1426	**$C_9H_{21}In$**		**Triisopropylindium**				**17144-80-8**
l-g	7.5779	2665.8	0	394/478	394/478 D		84-dykrep
1427	**$C_9H_{21}In$**		**Tripropylindium**				**3015-98-3**
l-g	7.6069	2716.8	0	400/483	400/483 D		84-dykrep
1428	**$C_9H_{22}ClN_2PS$**		***n, n'*-*Bis*(1-methylpropyl)diamide(chloromethyl)-thiophosphonate**				**58023-20-4**
l-g	6.5986	3490	0	333/368	333/368 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1429	**$C_{10}F_8$**		**Octafluoronaphthalene**				**313-72-4**
cr-g	11.94881	4160.225	0	293/323	290/325 C	321.28/0.1	74-radkit
1430	**$C_{10}F_{18}$**		**Perfluoro(*cis*-decahydronaphthalene)**				**60433-11-6**
l-g	5.98148	1357.282	–75.575	313/415	315/420 B	416.96/101.325	81-varbul
1431	**$C_{10}F_{18}$**		**Perfluoro(*trans*-decahydronaphthalene)**				**60433-12-7**
l-g	5.97275	1346.234	–75.352	315/417	315/420 A	414.71/101.325	81-varbul
1432	**$C_{10}F_{20}$**		**Eicosafluoro-1-decene**				**35328-43-9**
l-g	5.98221	1270.227	–79.909	315/399	315/405 A	399.34/101.325	81-varbul
1433	**$C_{10}F_{20}$**		**Perfluoro(1-methyl-4-isopropylcyclohexane)**				**116667-53-9**
l-g	6.05654	1401.145	–73.434	339/418	339/420 B	419.33/101.325	81-varbul
1434	**$C_{10}F_{20}$**		**Perfluoro(isobutyl-cyclohexane)**				**132868-02-1**
l-g	6.06272	1380.329	–75.136	327/415	327/420 B	415.37/101.325	81-varbul
1435	**$C_{10}F_{22}$**		**Docosafluorodecane**				**307-45-9**
l-g	7.95029	3345.946	156.259	405/543	400/550 B	406.60/101.325	67-jerskr
1436	**$C_{10}F_{22}O$**		***Bis*(undecafluoro-pentyl)ether**				**464-36-8**
l-g	9.4757	2692	0	288/313	278/323 D		84-dykrep
1437	**$C_{10}HCl_5F_{14}O_2$**		**3,5,7,9,10-Pentachloro-tetradecafluoro-decanoic acid**				**335-74-0**
l-g	9.287	4209	0	373/578	373/578 D		79-dykrep
1438	**$C_{10}H_2F_{12}O_8U$**		***Bis*(1,1,1,5,5,5-hexafluoro(2,4-pentandione)dioxo-uranium**				**67316-66-9**
cr-g	16.5	7680	0	370/425	370/425 D		84-dykrep
1439	**$C_{10}H_6Cl_8$**		**4,7-Methano-1H-indene,1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-, (1 α, 2 α,3a α, 4 β, 7 β,7a β), (*cis*-Chlordane)**				**5103-71-9**
l-g	9.20818	4175.400	–6.217	323/409	300/410 C	378.75/0.01	93-ror
1440	**$C_{10}H_6Cl_8$**		**4,7-Methano-1H-indene,1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-, (1 α, 2 β,3a α, 4 β, 7 β,7a α), (*trans*-Chlordane)**				**5103-74-2**
l-g	9.70161	4501.158	10.389	373/409	300/410 C	374.27/0.01	93-ror
1441	**$C_{10}H_7Br$**		**1-Bromonaphthalene**				**90-11-9**
l-g	4.51062	932.343	–181.561	469/560	469/565 A	553.77/101.325	76-honsin, 80-urbgig
1442	**$C_{10}H_7Br$**		**2-Bromonaphthalene**				**580-13-2**
cr-g	8.75501	3372.644	0	275/329	275/330 D	313.59/0.01	81-ferpia
							Note 35
l-g	5.39688	2219.671	0	330/378	330/380 D	364.13/0.2	81-ferpia
1443	**$C_{10}H_7Cl$**		**1-Chloronaphthalene**				**90-13-1**
l-g	5.05164	1148.528	–159.175	353/533	353/540 D	536.25/101.325	30-hic-1, 47-stu, 36-zilras
1444	**$C_{10}H_7Cl$**		**2-Chloronaphthalene**				**91-58-7**
l-g	7.86366	3022.349	0	400/435	400/440 C	421.84/5	36-zilras
1445	**$C_{10}H_7Cl_7$**		**1,4,5,6,7,8,8-Heptachloro-3a, 4,7,7a-tetrahydro-4,7-methanoindan**				**2589-15-3**
l-g	9.22741	4375.4	0	333/353	329/359 D		84-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1446	**$C_{10}H_7F_3O_2$**		**4,4,4-Trifluoro-1-phenyl-1,3-dione**				**41463-86-9**
cr-g	11.485	4596.1	0	276/284	276/288 D		92-ribmon
1447	**$C_{10}H_7F_5O_2$**		**Pentafluoropropanoic acid, 3-methylphenyl ester**				**24271-51-0**
l-g	7.1106	2107.1	–34.05	371/446	361/456 C		79-dykrep
1448	**$C_{10}H_7F_5O_2$**		**Pentafluoropropanoic acid, 4-methylphenyl ester**				**24271-52-1**
l-g	6.7638	1886.7	–52.25	371/448	361/458 C		79-dykrep
1449	**$C_{10}H_7I$**		**1-Iodonaphthalene**				**90-14-2**
l-g	5.89727	1853.199	–110.607	321/428	320/430 D	379.29/0.1	80-pelfer
1450	**$C_{10}H_9Cl_3O_3$**		**Ethyl 2,4,5-trichloro-phenoxyacetate**				**1928-39-8**
l-g	5.7328	1659.1	–162.88	444/573	434/583 C		84-dykrep
1451	**$C_{10}H_{10}Cl_2Hf$**		***Bis*(eta-cyclopentadienyl)-hafnium chloride**				**12116-66-4**
cr-g	10.556	5241	0	394/447	394/447 D		84-dykrep
1452	**$C_{10}H_{10}Cl_2O_3$**		**Ethyl 2,4-dichloro-phenoxyacetate**				**533-23-3**
l-g	5.64262	1555.38	–164.85	444/573	434/583 C		84-dykrep
1453	**$C_{10}H_{10}Cl_2Ti$**		***Bis*(eta-cyclopentadienyl)-titanium chloride**				**1271-19-8**
cr-g	12.345	6500	0	418/533	418/533 D		84-dykrep
1454	**$C_{10}H_{10}Cl_2Zr$**		***Bis*(eta-cyclopentadienyl)-zirconium chloride**				**1291-32-3**
cr-g	10.386	5241	0	393/457	393/457 D		84-dykrep
1455	**$C_{10}H_{10}Fe$**		**Ferrocene**				**102-54-5**
l-g	6.74	2470	0	456/523	456/523 D		79-dykrep
1456	**$C_{10}H_{13}Br$**		**2-Bromo-4-isopropyltoluene**				**2437-76-5**
l-g	7.16839	2617.327	–0.572	325/508	325/510 C	507.54/101.325	41-koboka
1457	**$C_{10}H_{13}Br$**		**3-Bromo-4-isopropyltoluene**				**4478-10-8**
l-g	6.97084	2515.401	–0.609	321/508	320/510 C	507.22/101.325	41-koboka
1458	**$C_{10}H_{13}Cl$**		**3-Chloro-*p*-cymene**				**4395-80-6**
l-g	7.031	2463	0	400/490	390/500 C		79-dykrep
1459	**$C_{10}H_{13}Cl$**		**2-Chloro-4-isopropyltoluene**				**4395-79-3**
l-g	7.23669	2560.155	–1.281	316/491	316/495 C	490.70/101.325	41-koboka
1460	**$C_{10}H_{13}ClO$**		**2-Chloroethyl α-methylbenzyl ether**				**4446-91-7**
l-g	7.27989	2591.37	–16.96	335/508	325/518 C		79-dykrep
1461	**$C_{10}H_{13}ClO_3$**		**Diethyleneglycol *p*-chlorophenyl ether**				**58498-77-4**
l-g	4.8307	1145.22	–214.76	450/523	440/533 C		79-dykrep
1462	**$C_{10}H_{13}Cl_3NOPS$**		***p*-Chloromethyl-*N*-(1-methylethyl)amido-thiophosphobic acid**				**18361-88-1**
l-g	10.6648	4864	0	323/368	323/368 D		84-dykrep
1463	**$C_{10}H_{19}ClNO_5P$**		**Dimethyl[2-chloro-1-*m*-2-(*N*,*N*-dimethylcarbamoyl)-vinyl]phosphate**				**13171-21-6**
l-g	10.6068	4707.5	0	293/388	289/388 D		79-dykrep
1464	**$C_{10}H_{19}Cl_2N$**		***N*,*N*-*Bis*(2-chloroethyl)-cyclohexylamine**				**4261-59-0**
l-g	7.73387	3258.8	0	273/376	263/386 C		79-dykrep
1465	**$C_{10}H_{20}Br_2$**		**1,1-Dibromodecane**				**59104-80-2**
l-g	6.6	2127	–87.15	442/610	432/620 C	550.15/101.325	79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1466	**$C_{10}H_{20}Br_2$**		**1,2-Dibromodecane**				**28467-71-2**
l-g	8.45367	3237.067	–21.760	368/524	368/525 B	523.79/101.325	47-stu
1467	**$C_{10}H_{20}Cl_2$**		**1,1-Dichlorodecane**				**3162-62-7**
l-g	6.459	1955	–81.15	415/577	405/587 C	520.15/101.325	79-dykrep
1468	**$C_{10}H_{20}Cl_2$**		**1,10-Dichlorodecane**				**2162-98-3**
l-g	6.10907	1812.324	–112.315	441/520	440/520 A	514.43/40	87-varlos-2
1469	**$C_{10}H_{20}F_2$**		**1,1-Difluorodecane**				**62127-43-9**
l-g	6.53	1751	–69.15	364/504	354/514 C	456.15/101.325	79-dykrep
1470	**$C_{10}H_{21}Br$**		**1-Bromodecane**				**112-29-8**
l-g	6.3585	1888.67	–79.85	391/545	381/555 B	513.75/101.325	56-trcnh
1471	**$C_{10}H_{21}Cl$**		**1-Chlorodecane**				**1002-69-3**
l-g	6.10534	1668.95	–91.92	379/530	369/540 B	499.02/101.325	81-trcnh
1472	**$C_{10}H_{21}F$**		**1-Fluorodecane**				**334-56-5**
l-g	6.3791	1704.75	–69.55	350/487	345/490 C	459.35/101.325	56-trcnh
1473	**$C_{10}H_{21}I$**		**1-Iododecane**				**2050-77-3**
l-g	6.2469	1919.75	–84.25	407/571	399/579 C	536.85/101.325	56-trcnh

4.6 Halogen Containing Organic Compounds, C_{11} to C_{32}

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1474	**$C_{11}F_{22}$**		**Perfluoro(1-methyl-4-*tert*-butylcyclohexane), (mix *cis*+*trans*)**				**75169-50-5**
l-g	6.03590	1460.738	–79.740	345/442	345/445 A	442.19/101.325	81-varbul
1475	**$C_{11}F_{24}O_2$**		**Octadecafluoro-1,9-*bis*(trifluoromethoxy)-nonane**				**900002-05-3**
l-g	7.1699	2246	0	293/353	293/353 D		84-dykrep
1476	**$C_{11}H_9Cl$**		**1-(Chloromethyl)-naphthalene**				**86-52-2**
l-g	7.54797	3123.404	0	423/565	423/565 D	563.56/101.325	38-coldod
1477	**$C_{11}H_{11}Cl_3O_3$**		**Propyl 2,4,5-trichloro-phenoxyacetate**				**1928-40-1**
l-g	5.53271	1516.16	–187.7	444/573	434/583 C		84-dykrep
1478	**$C_{11}H_{12}Cl_2O_3$**		**Isopropyl 2,4-dichloro-phenoxyacetate**				**94-11-1**
l-g	5.65483	1591.17	–160.34	460/573	450/583 C		84-dykrep
1479	**$C_{11}H_{12}Cl_2O_3$**		**Propyl 2,4-dichloro-phenoxyacetate**				**1928-61-6**
l-g	5.26167	1332.77	–194.93	444/573	434/583 C		84-dykrep
1480	**$C_{11}H_{12}Cl_2O_4$**		**3-Hydroxypropyl 2,4-dichlorophenoxy-acetate**				**28191-20-0**
l-g	7.66717	3765.71	0	463/483	462/489 D		84-dykrep
1481	**$C_{11}H_{13}Cl_3$**		**4-*tert*-Butyl-2,3,6-trichlorotoluene**				**61468-36-8**
l-g	6.29532	2055.903	–90.545	408/570	405/575 B	569.82/101.325	73-felsav
1482	**$C_{11}H_{14}Cl_2$**		**4-*tert*-Butyl-2,5-dichlorotoluene**				**61468-35-7**
l-g	6.42309	2062.543	–68.211	395/536	380/536 B	535.13/101.325	73-felsav
1483	**$C_{11}H_{14}Cl_2$**		**2,5-Dichloro-1-methyl-4-(1,1-dimethylethyl)benzene**				**900002-55-3**
l-g	6.4254	2064.5	–68.05	495/538	488/545 C		79-dykrep
1484	**$C_{11}H_{15}Cl$**		**2-Chloro-4-(1,1-dimethylethyl)-1-methylbenzene**				**42597-10-4**
l-g	6.4081	1917.6	–67.75	372/503	362/513 C		79-dykrep
1485	**$C_{11}H_{19}IrO_2$**		***Bis*(propylene)-2,4-pentandionatoiridium**				**66467-05-8**
cr-g	12.1759	4762.4	0	269/304	269/304 D		84-dykrep
1486	**$C_{11}H_{20}Cl_4$**		**1,1,1,11-Tetrachloroundecane**				**3922-34-7**
l-g	11.345	4830	0	303/353	300/360 C	336.70/0.001	60-malmal-1
1487	**$C_{11}H_{22}Cl_2$**		**1,1-Dichloroundecane**				**822-01-5**
l-g	6.11246	1777.273	–108.570	430/500	420/510 A	456.21/10	87-varlos-2
1488	**$C_{11}H_{23}Br$**		**1-Bromoundecane**				**693-67-4**
l-g	6.4131	1977.14	–83.35	407/564	399/572 C	531.95/101.325	56-trcnh
1489	**$C_{11}H_{23}Cl$**		**1-Chloroundecane**				**2473-03-2**
l-g	6.11945	1729.36	–98.1	395/551	387/559 C	518.49/101.325	81-trcnh
1490	**$C_{11}H_{23}F$**		**1-Fluoroundecane**				**506-05-8**
l-g	6.433	1797.8	–73.15	366/508	366/508 C	479.15/101.325	56-trcnh
1491	**$C_{11}H_{23}I$**		**1-Iodoundecane**				**4282-44-4**
l-g	6.3021	2006.28	–87.65	422/589	412/599 C	554.65/101.325	56-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1492	**$C_{12}Cl_{10}$**		**Decachlorobiphenyl**				**2051-24-3**
cr-g	10.79210	6274.999	0	323/363	323/363 D	352.68/0.0000001	84-burarm Note 36
1493	**$C_{12}F_{10}$**		**Decafluorobiphenyl**				**434-90-2**
cr-g	12.84973	4475.986	0	292/323	292/323 C	301.42/0.01	74-radkit
1494	**$C_{12}F_{18}$**		**Hexakis(trifluoro-methyl)bicyclo[2.2.0]hexa-2,5-diene**				**23174-55-2**
l-g	7.9819	2165	0	293/343	293/343 C	310.09/10	70-barhas Note 2
1495	**$C_{12}F_{18}$**		**Hexakis(trifluoro-methyl)tricyclo[3.1.0.0(2,6)]hex-3-ene**				**22186-64-7**
l-g	6.9359	2070	0	293/353	293/353 C	339.80/10	70-barhas Note 2
1496	**$C_{12}F_{18}$**		**Hexakis(trifluoro-methyl)tetracyclo-2.2.0.0(2,6).0(3,5)-hexane**				**22736-20-5**
cr-g	9.252	2569	0	293/306	293/306 C	300.36/5	70-barhas Note 2
l-g	6.5155	1730	0	313/357	313/357 C	313.66/10	70-barhas
1497	**$C_{12}F_{27}N$**		***N,N-bis*(nonafluoro-butyl)-nonafluoro-1-butanamine**				**311-89-7**
l-g	6.59116	1716.35	–76.07	298/450	288/460 C		79-dykrep
1498	**$C_{12}H_2Cl_8$**		**2,2',3,3',5,5',6,6'-Octachlorobiphenyl**				**2136-99-4**
cr-g	10.17222	5280.835	0	302/335	302/335 D	326.54/0.000001	84-burarm Note 36
1499	**$C_{12}H_5Cl_5$**		**2,2',4,5,5'-Pentachlorobiphenyl**				**37680-73-2**
cr-g	10.22	4840	0	303/313	293/313 C	318.00/0.00001	81-wessim Note 36, 38
1500	**$C_{12}H_6Cl_4$**		**2,2',5,5'-Tetrachlorobiphenyl**				**35693-99-3**
cr-g	10.92	4920	0	303/313	293/313 C	309.05/0.00001	81-wessim Note 36, 38
1501	**$C_{12}H_7Cl_3$**		**2',3,4-Trichlorobiphenyl**				**38444-86-9**
cr-g	0.215	1510	0	303/313	293/315 C	307.29/0.00002	81-wessim Note 36, 38
1502	**$C_{12}H_8Cl_2$**		**2,2'-Dichlorobiphenyl**				**13029-08-8**
cr-g	10.74487	4988.589	0	310/329	310/330 C	316.84/0.00001	64-smigor Note 36
1503	**$C_{12}H_8Cl_2$**		**4,4'-Dichlorobiphenyl**				**2050-68-2**
cr-g	10.66248	5487.288	0	339/360	303/360 D	350.35/0.00001	64-smigor Note 36
1504	**$C_{12}H_8Cl_6$**		**1,4,5,8-Dimethano-naphthalene,1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-,1 α,4 α,4 αβ,5 α,8 α,8 αβ-, Aldrin**				**309-00-2**
cr-g	12.49402	5206.679	–2.067	298/373	290/373 C	361.30/0.01	93-ror
1505	**$C_{12}H_8F_2$**		**2,2'-Difluorobiphenyl**				**388-82-9**
cr-g	10.88828	4969.074	0	301/319	300/320 C	312.75/0.00001	64-smigor
1506	**$C_{12}H_8F_2$**		**4,4'-Difluorobiphenyl**				**398-23-2**
cr-g	10.62105	4782.480	0	294/319	294/320 C	306.16/0.00001	64-smigor

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1507	**$C_{12}H_9Br$**		**4-Bromobiphenyl**				**92-66-0**
l-g	6.80172	2699.169	-19.648	371/584	371/585 C	582.44/101.325	47-stu
1508	**$C_{12}H_9Cl$**		**2-Chlorobiphenyl**				**2051-60-7**
l-g	8.17016	3688.324	49.174	380/541	380/550 D	549.15/101.325	75-geydzh, 47-stu Note 36
1509	**$C_{12}H_9Cl$**		**3-Chlorobiphenyl**				**2051-61-8**
l-g	8.68	3614	0	310/402	310/402 D	338.39/0.01	83-ferpia Note 36, 37
1510	**$C_{12}H_9Cl$**		**4-Chlorobiphenyl**				**2051-62-9**
cr-g	12.29824	4807.628	0	277/346	277/346 D	336.24/0.01	84-burarm, 83-ferpia Note 36
l-g	9.79623	5563.559	152.140	369/566	369/568 D	562.01/101.325	75-geydzh, 47-stu
1511	**$C_{12}H_9ClO$**		**2-Chloro-3-phenylphenol**				**900001-17-4**
l-g	7.27476	2976.26	–25.87	391/591	381/601 C		79-dykrep
1512	**$C_{12}H_9ClO$**		**3-Chloro-[1,1'-biphenyl]-2-ol**				**85-97-2**
l-g	7.11025	2779	–45.97	393/590	383/600 C		79-dykrep
1513	**$C_{12}H_9Cl_3Si$**		**[1,1'-Biphenyl]-2-yltrichlorosilane**				**18030-62-1**
l-g	8.1349	3505	0	461/552	461/552 D		84-dykrep
1514	**$C_{12}H_9Cl_3Si$**		**4-(Trichlorosilyl)-biphenyl**				**18030-61-0**
l-g	8.6619	3956	0	479/573	479/573 D		84-dykrep
1515	**$C_{12}H_{10}Cl_2Si$**		**Dichlorodiphenyl-silane**				**80-10-4**
l-g	6.0797	1884	–115.2	465/555	455/565 C		79-dykrep
1516	**$C_{12}H_{10}F_2Si$**		**Difluorodiphenyl-silane**				**312-40-3**
l-g	8.33689	3702.5	74.08	392/516	392/516 C		79-dykrep
1517	**$C_{12}H_{13}Cl_3O_3$**		**Butyl 2,4,5-trichloro-phenoxyacetate**				**93-79-8**
l-g	5.33165	1364.22	–214.92	460/573	450/583 C		84-dykrep
1518	**$C_{12}H_{14}Cl_2O_3$**		**Butyl 2,4-dichloro-phenoxyacetate**				**94-80-4**
l-g	6.00451	1862.49	–145.06	444/573	434/583 C		84-dykrep
1519	**$C_{12}H_{14}Cl_2O_3$**		***sec*-Butyl 2,4-dichloro-phenoxyacetate**				**94-79-1**
l-g	6.36811	2120.36	–119.29	444/573	434/583 C		84-dykrep
1520	**$C_{12}H_{14}Cl_2O_4$**		**2-Ethoxyethyl 2,4-dichloro-phenoxyacetate**				**74944-83-5**
l-g	6.97502	3317.43	0	443/503	440/510 D		84-dykrep
1521	**$C_{12}H_{14}Cl_2O_4$**		**4-Hydroxybutyl 2,4-dichloro-phenoxyacetate**				**36227-43-7**
l-g	7.53016	3764.69	0	443/503	433/513 D		84-dykrep
1522	**$C_{12}H_{19}F_3N_2O_4$**		***N*[*N*-(Trifluoroacetyl)valyl]alanine ethyl ester**				**900000-33-1**
cr-g	13.395	6036	0	323/424	323/424 D		79-dykrep
l-g	9.855	4515	0	425/453	424/455 D		79-dykrep
1523	**$C_{12}H_{25}Br$**		**1-Bromododecane**				**143-15-7**
l-g	6.4639	2061.93	–86.55	421/582	411/592 C	549.05/101.325	56-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1524	**$C_{12}H_{25}Cl$**		**1-Chlorododecane**				**112-52-7**
l-g	6.14525	1789.27	–104.09	410/569	400/579 B	536.33/101.325	81-trcnh
1525	**$C_{12}H_{25}Cl$**		**2-Chlorododecane**				**2350-11-0**
l-g	6.91934	2836.276	0	283/354	283/354 D	317.99/0.01	62-geiqui-2
1526	**$C_{12}H_{25}Cl$**		**3-Chlorododecane**				**2350-12-1**
l-g	8.98810	3445.127	0	283/328	283/330 C	313.53/0.01	62-geiqui-2
1527	**$C_{12}H_{25}Cl$**		**4-Chlorododecane**				**2350-13-2**
l-g	8.67477	3344.593	0	283/355	283/355 C	313.32/0.01	62-geiqui-2
1528	**$C_{12}H_{25}Cl$**		**5-Chlorododecane**				**2350-14-3**
l-g	9.00952	3438.700	0	283/328	283/328 C	312.34/0.01	62-geiqui-2
1529	**$C_{12}H_{25}Cl$**		**6-Chlorododecane**				**26535-66-0**
l-g	8.97084	3421.052	0	283/328	283/330 C	311.83/0.01	62-geiqui-2
1530	**$C_{12}H_{25}F$**		**1-Fluorododecane**				**334-68-9**
l-g	6.482	1885.6	–77.15	382/528	377/530 C	498.15/101.325	56-trcnh
1531	**$C_{12}H_{25}I$**		**1-Iododododecane**				**4292-19-7**
l-g	6.354	2006.28	–360.8	436/606	428/616 C	571.35/101.325	56-trcnh
1532	**$C_{12}H_{26}F_6O_4Si_4$**		**2,2,4,4,6,8-Hexa-methyl-6,8-*bis*-(3,3,3-trifluoropropyl)-cyclotetrasiloxane**				**15445-52-0**
l-g	5.34443	1175.22	–156.97	381/455	371/465 C		84-dykrep
1533	**$C_{12}H_{27}In$**		**Tributylindium**				**15676-66-1**
l-g	7.6939	3055.1	0	444/539	444/539 D		84-dykrep
1534	**$C_{12}H_{27}In$**		**Triisobutylindium**				**6731-23-3**
l-g	7.935	3009	0	293/353	293/353 D		84-dykrep
1535	**$C_{13}H_9ClO_2$**		**(5-Chloro-2-hydroxyphenyl)phenylmethanone**				**85-19-8**
cr-g	10.215	4800	0	293/367	293/367 D		79-dykrep
l-g	7.575	3830	0	367/493	367/493 D		79-dykrep
1536	**$C_{13}H_{11}Cl$**		**Chlorodiphenyl-methane**				**90-99-3**
l-g	8.756	3680	0	381/426	381/426 C	420.28/1	41-halrei
1537	**$C_{13}H_{11}ClO_2$**		**Chlorodiphenoxy-methane**				**4431-86-1**
l-g	14.8485	6605.8	0	385/453	385/453 D		84-dykrep
1538	**$C_{13}H_{15}Cl_3O_3$**		**Pentyl 2,4,5-trichloro-phenoxyacetate**				**120-39-8**
l-g	7.44504	3039.04	–66.75	460/573	450/583 C		84-dykrep
1539	**$C_{13}H_{16}Cl_2O_3$**		**3-Methylbutyl 2,4-dichloro-phenoxyacetate**				**67821-07-2**
l-g	6.44613	2183.62	–122.07	460/573	450/583 C		84-dykrep
1540	**$C_{13}H_{16}Cl_2O_3$**		**Pentyl 2,4-dichloro-phenoxyacetate**				**1917-92-6**
l-g	7.04509	2722.93	–72.56	444/573	434/583 C		84-dykrep
1541	**$C_{13}H_{22}Cl_2O_4$**		**2,2-*Bis*(chloromethyl)-1,3-propanediol-dibutanoate**				**900002-10-0**
l-g	4.74178	1951.42	–32.22	454/572	444/582 C		84-dykrep
1542	**$C_{13}H_{24}Cl_4$**		**1,1,1,13-Tetrachlorotridecane**				**3922-33-6**
l-g	10.38947	4551.254	–15.059	313/422	313/422 D	414.66/0.1	60-malmal-1

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1543	**$C_{13}H_{27}Br$**		**1-Bromotridecane**				**765-09-3**
l-g	6.511	2143	–89.15	434/598	426/606 C	565.15/101.325	56-trcnh
1544	**$C_{13}H_{27}Cl$**		**1-Chlorotridecane**				**822-13-9**
l-g	6.1527	1838.2	–109.85	424/587	424/587 C	553.15/101.325	81-trcnh
1545	**$C_{13}H_{27}F$**		**1-Fluorotridecane**				**1536-21-6**
l-g	6.531	1969.1	–80.15	396/546	396/546 C	515.15/101.325	56-trcnh
1546	**$C_{13}H_{27}I$**		**1-Iodotridecane**				**35599-77-0**
l-g	6.402	2169.2	–94.15	450/623	446/630 C	587.15/101.325	56-trcnh
1547	**$C_{14}F_{30}O_2$**		**Tetracosafluoro-1,12-*bis*(trifluoromethoxy)-dodecane**				**900002-11-1**
l-g	8.0039	2819	0	293/353	293/353 D		84-dykrep
1548	**$C_{14}H_9Cl_5$**		**2,2-*Bis*(4-chlorophenyl)-1,1,1-trichloroethane, p,p'-DDT**				**50-29-3**
cr-g	9.98502	4492.488	–37.012	293/354	293/355 C	336.81/0.00001	80-rot
1549	**$C_{14}H_9Cl_5$**		**2-(2-Chlorophenyl)-2(4-chlorophenyl)-1,1,1-trichloroethane,op'-DDT**				**789-02-6**
cr-g	11.79568	5399.924	–0.715	310/348	310/348 B	342.58/0.0001	93-ror
1550	**$C_{14}H_{11}FO_3$**		**2'-Fluoro-2-hydroxy-4-methoxybenzo-phenone**				**3119-88-8**
cr-g	12.972	5712	0	307/318	305/322 D		79-dykrep
1552	**$C_{14}H_{17}Cl_3O_3$**		**Hexyl 2,4,5-trichloro-phenoxyacetate**				**2630-13-9**
l-g	6.2146	2054.76	–152.27	460/573	450/583 C		84-dykrep
1552	**$C_{14}H_{18}Cl_2O_3$**		**Hexyl 2,4-dichloro-phenoxyacetate**				**1917-95-9**
l-g	6.36885	2168.85	–130.87	414/573	404/583 C		84-dykrep
1553	**$C_{14}H_{18}Cl_2O_3$**		**4-Methylpentyl 2,4-dichloro-phenoxyacetate**				**900002-12-2**
l-g	8.54639	4313.15	44.21	460/573	460/573 C		84-dykrep
1554	**$C_{14}H_{20}Cl_2$**		**1,2-Dichloro-3,4,5,6-tetraethylbenzene**				**900000-11-5**
l-g	6.92976	2614.620	–43.789	378/575	378/580 B	574.78/101.325	47-stu
1555	**$C_{14}H_{20}Cl_2$**		**1,4-Dichloro-2,3,5,6-tetraethylbenzene**				**900000-12-6**
l-g	7.14519	2923.761	–0.220	364/570	364/572 C	569.10/101.325	47-stu
1556	**$C_{14}H_{21}F_3N_2O_4$**		**1-[*N*-(Triphenylacetyl)-L-leucyl]proline methyl ester**				**52183-94-5**
cr-g	14.405	6339	0	313/366	313/366 D		79-dykrep
l-g	12.205	5525	0	366/453	366/453 D		79-dykrep
1557	**$C_{14}H_{29}Br$**		**1-Bromotetradecane**				**112-71-0**
l-g	6.555	2220.2	–92.15	447/614	437/624 B	580.15/101.325	56-trcnh
1558	**$C_{14}H_{29}Cl$**		**1-Chlorotetradecane**				**2425-54-9**
l-g	6.17075	1893	–115.49	438/604	430/612 C	569.99/101.325	81-trcnh
1559	**$C_{14}H_{29}F$**		**1-Fluorotetradecane**				**593-33-9**
l-g	6.574	2048.3	–83.15	410/562	410/562 C	531.15/101.325	56-trcnh
1560	**$C_{14}H_{29}I$**		**1-Iodotetradecane**				**19218-94-1**
l-g	6.4371	2245.4	–97.15	463/640	458/646 C	603.15/101.325	56-trcnh
1561	**$C_{15}H_{11}F_3O_3$**		**2-Hydroxy-4'-trifluoromethyl-4-methyoxybenzo-pheonone**				**7396-90-9**
cr-g	9.661	4753	0	313/333	309/339 D		79-dykrep

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1562	**$C_{15}H_{14}Cl_3O_2PS$**		***O,O'-Bis*(2-chloro-4-methylphenyl)-(chloromethyl)-thiophosphonate**				**57875-65-7**
l-g	9.6606	4867	0	343/365	343/365 D		84-dykrep
1563	**$C_{15}H_{15}Cl$**		**Chlorodi-4-tolylmethane**				**13389-70-3**
l-g	8.795	3929	0	406/453	405/460 C	446.73/1	41-halrei Note 26
1564	**$C_{15}H_{19}Cl_3O_3$**		**Heptyl 2,4,5-trichloro-phenoxyacetate**				**900002-14-4**
l-g	5.57535	1619.18	–199.39	460/573	450/583 C		84-dykrep
1565	**$C_{15}H_{20}Cl_2O_3$**		**Heptyl 2,4-dichloro-phenoxyacetate**				**1917-96-0**
l-g	5.85825	1750.76	–182.11	460/573	450/583 C		84-dykrep
1566	**$C_{15}H_{20}Cl_2O_3$**		**1-Propylbutyl 2,4-dichloro-phenoxyacetate**				**900002-15-5**
l-g	7.0787	2719.53	–85.19	460/573	450/583 C		84-dykrep
1567	**$C_{15}H_{20}Cl_2O_4$**		**(1-Methyl-2-butoxy)ethyl 2,4-dichloro-phenoxyacetate**				**3966-11-8**
l-g	6.67838	2372.6	–117.92	443/573	433/583 C		84-dykrep
1568	**$C_{15}H_{28}Cl_4$**		**1,1,1,15-Tetrachloro-pentadecane**				**3922-32-5**
l-g	11.54599	5411.267	0.899	338/435	338/440 C	430.42/0.1	61-fruvoy, 60-malmal-1
1569	**$C_{15}H_{31}Br$**		**1-Bromopentadecane**				**629-72-1**
l-g	6.595	2293.8	–95.15	459/629	459/629 D	595.15/101.325	56-trcnh
1570	**$C_{15}H_{31}Cl$**		**1-Chloropentadecane**				**4862-03-7**
l-g	6.1948	1944.8	–120.85	451/620	443/630 C	585.15/101.325	81-trcnh
1571	**$C_{15}H_{31}F$**		**1-Fluoropentadecane**				**1555-17-5**
l-g	6.613	2123.4	–86.15	422/578	422/578 C	547.15/101.325	56-trcnh
1572	**$C_{15}H_{31}I$**		**1-Iodopentadecane**				**35599-78-1**
l-g	6.485	2318.3	–99.15	474/653	468/660 C	617.15/101.325	56-trcnh
1573	**$C_{16}F_{34}$**		**Perfluorohexadecane**				**355-49-7**
cr-g	13.46664	5383.208	0	288/309	288/310 C	291.51/0.00001	51-brawag
1574	**$C_{16}H_{18}Cl_4O_4$**		**Tetrachlorophthalic acid, dibutyl ester**				**3015-66-5**
l-g	10.325	5210	0	368/421	368/421 D		79-dykrep
1575	**$C_{16}H_{21}Cl_3O_3$**		**(2-Ethylhexyl)2,4,5-trichloro-phenoxyacetate**				**1928-47-8**
l-g	7.7163	3266.99	–68.48	460/573	450/583 C		84-dykrep
1576	**$C_{16}H_{21}Cl_3O_3$**		**Octyl 2,4,5-trichloro-phenoxyacetate**				**2630-15-1**
l-g	6.42482	2209.58	–153.03	460/573	450/583 B		84-dykrep
1577	**$C_{16}H_{22}Cl_2O_3$**		**(2-Ethylhexyl)2,4-dichloro-phenoxyacetate**				**1928-43-4**
l-g	6.57405	2320.68	–127.49	460/573	450/583 C		84-dykrep
1578	**$C_{16}H_{22}Cl_2O_3$**		**(1-Methylheptyl)2,4-dichloro-phenoxyacetate**				**1917-97-1**
l-g	6.9617	2596.9	–107.22	460/573	450/583 C		84-dykrep
1579	**$C_{16}H_{22}Cl_2O_3$**		**Octyl 2,4-dichloro-phenoxyacetate**				**1928-44-5**
l-g	6.25048	2076.91	–155.32	460/573	450/583 C		84-dykrep
1580	**$C_{16}H_{33}Br$**		**1-Bromohexadecane**				**112-82-3**
l-g	6.631	2364	–98.15	471/644	461/654 B	609.15/101.325	56-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1581	**$C_{16}H_{33}Cl$**		**1-Chlorohexadecane**				**4860-03-1**
l-g	6.21622	1994.25	–126.11	463/635	453/645 C	599.75/101.325	81-trcnh
1582	**$C_{16}H_{33}Cl$**		**Chloropentaethyl-benzene**				**900000-13-7**
l-g	7.64802	3254.778	18.870	363/559	363/560 C	557.98/101.325	47-stu
1583	**$C_{16}H_{33}F$**		**1-Fluorohexadecane**				**408-38-8**
l-g	6.645	2194.8	–89.15	435/594	425/604 C	562.15/101.325	56-trcnh
1584	**$C_{16}H_{33}I$**		**1-Iodohexadecane**				**544-77-4**
l-g	6.526	2388	–102.15	486/667	476/676 C	630.15/101.325	56-trcnh
1585	**$C_{17}H_{32}Cl_4$**		**1,1,1,17-Tetrachloro-heptadecane**				**93479-16-4**
l-g	11.675	5640	0	351/418	351/418 D		79-dykrep
1586	**$C_{17}H_{35}Br$**		**1-Bromoheptadecane**				**3508-00-7**
l-g	6.665	2430.9	–100.15	482/657	474/669 C	622.15/101.325	56-trcnh
1587	**$C_{17}H_{35}Cl$**		**1-Chloroheptadecane**				**62016-75-5**
l-g	6.24	2040	–131.15	473/645	473/647 D	613.15/101.325	81-trcnh
1588	**$C_{17}H_{35}F$**		**1-Fluoroheptadecane**				**1545-17-1**
l-g	6.681	2262.5	–92.15	447/609	447/609 C	576.15/101.325	56-trcnh
1589	**$C_{17}H_{35}I$**		**1-Iodoheptadecane**				**26825-83-2**
l-g	6.562	2454.6	–105.15	497/681	490/689 C	644.15/101.325	56-trcnh
1590	**$C_{18}H_{20}ClN_3O$**		**Hexamethylbenzene-1-chloro-2,4,6-trinitrobenzene(1:1)**				**900000-38-6**
cr-g	11.5309	4893.4	0	478/631	478/631 D		79-dykrep
l-g	5.89755	1225.71	–63.57	291/315	287/321 C		79-dykrep
1591	**$C_{18}H_{37}Br$**		**1-Bromooctadecane**				**112-89-0**
l-g	6.695	2495.2	–103.2	483/673	473/683 D	635.15/101.325	79-dykrep
1592	**$C_{18}H_{37}Cl$**		**1-Chlorooctadecane**				**3386-33-2**
l-g	6.259	2080	–136.15	485/662	477/670 C	625.15/101.325	81-trcnh
1593	**$C_{18}H_{37}F$**		**1-Fluorooctadecane**				**1649-73-6**
l-g	6.711	2327.4	–94.15	457/622	457/622 C	589.15/101.325	56-trcnh
1594	**$C_{18}H_{37}I$**		**1-Iodooctadecane**				**629-93-6**
l-g	6.594	2518.7	–107.15	507/694	499/702 C	656.15/101.325	56-trcnh
1595	**$C_{19}H_{39}Br$**		**1-Bromononadecane**				**4434-66-6**
l-g	6.722	2557.2	–105.15	503/683	495/693 C	647.15/101.325	56-trcnh
1596	**$C_{19}H_{39}Cl$**		**1-Chlorononadecane**				**62016-76-6**
l-g	6.282	2119	–140	494/672	484/682 D	636.15/101.325	57-trcnh
1597	**$C_{19}H_{39}F$**		**1-Fluorononadecane**				**1480-63-3**
l-g	6.737	2389.7	–97.15	468/636	468/636 C	602.15/101.325	56-trcnh
1598	**$C_{19}H_{39}I$**		**1-Iodononadecane**				**62127-51-9**
l-g	6.623	2580.6	–109.15	517/706	517/708 D	668.15/101.325	56-trcnh
1599	**$C_{20}H_{41}Br$**		**1-Bromoeicosane**				**4276-49-7**
l-g	6.746	2617.5	–107.15	513/696	513/696 D	659.15/101.325	56-trcnh

Phase	Antoine constants			*T*-range	Range [K],	T_b[K]/P_b[kPa]	Ref.
	A, (*n*)	*B* [K], (*E*)	*C* [K], (*F*)	[K]	Rating		Note
1600	**$C_{20}H_{41}Cl$**		**1-Chloroeicosane**				**42217-02-7**
l-g	6.749	2566.1	–105.2	492/673	482/683 C	646.15/101.325	79-dykrep
1601	**$C_{20}H_{41}F$**		**1-Fluoroeicosane**				**676-44-8**
l-g	6.761	2450.1	–99.15	478/648	478/648 C	614.15/101.325	56-trcnh
1602	**$C_{20}H_{41}I$**		**1-Iodoeicosane**				**34994-81-5**
l-g	6.649	2640.9	–111.15	527/718	521/726 C	680.15/101.325	56-trcnh
1603	**$C_{24}H_{49}Cl$**		**1-Chlorotetracosane**				**6422-18-0**
l-g	6.18892	2406.746	–112.853	543/774	453/774 B	688.19/101.325	61-dre
1604	**$C_{32}H_2Br_{16}N_8$**		**Hexadecabromo-phthalocyanide**				**28746-04-5**
cr-g	8.881	5702	0	438/493	438/493 D		79-dykrep
1605	**$C_{32}H_2Cl_{16}N_8$**		**Hexadecachloro-phthalocyanide**				**28888-81-5**
cr-g	13.892	7367	0	398/443	398/443 D		79-dykrep

Notes

1 Tannenberger [33-tan] reported data for two samples of diacetylene. The first sample was prepared by pyrolysis, the second one by polymerization of acetylene. The data for the second sample are in good agreement with that reported by Strauss and Kollek [26-strkol] while data for the second sample obtained by pyrolysis are higher by about 10%. Therefore data from [26-strkol] and that of [33-tan] observed for the sample prepared by the polymerization of acetylene were selected for the evaluation of Antoine constants.

2 The source does not contain original experimental data. The rating provided is based on auxiliary information.

3 The source does not contain original experimental data. The rating provided and applicable temperature range estimates are based on auxiliary information.

4 Antoine constants have been obtained by the modification of more complicated equation used in the original source.

5 The data in the temperature range 338 K to 384 K is related to undercooled liquid.

6 The data by Ambrose *et al.* [76-amblaw] was selected. The data reported by Colomina *et al.* [89-coljim] is lower of about 10% and that by Overberger *et al.* [69-oveste] is higher of about 3% than the data selected.

7 Data reported by Osborne *et al.* [75-osbdou] was selected for the temperature interval of 348 K to 388 K while that by Inomara *et al.* [86-inoara-1] was selected for the temperature interval of 307 K to 348 K. Note that data by Osborne *et al.* is in good agreement with that of Sasse *et al.* [88-sasjos].

8 Kana'an [72-kan] reported experimental data obtained by both Knudsen and torsion methods. The data obtained by the torsion method was selected. The data obtained by Knudsen method is about 17% lower.

9 The Antoine constants were determined on the basis of two experimental data points only available. It is related to the fact that the melting point is close to 253 K, whereas the compound may explode at the temperatures higher than 293 K. Therefore the rating provided is a rough estimate only.

10 The difference between normal boiling point calculated from the equation reported in the original source and that corresponding to the equation with the parameters reported here is less than 5% (rating C).

11 The difference between normal boiling point calculated from the equation reported in the original source and that corresponding to the equation with the parameters reported here is greater than 5% (rating D).

12 The Antoine parameters were determined on the basis of two experimental points.

13 The Antoine parameters were determined on the basis of three experimental points.

14 The intersection point of the vapor pressure curves for the solid and for the liquid phases is T = 229.5K, P = 0.0239 kPa.

15 The Antoine parameters in the temperature range 233 to 264 K were calculated based original experimental data [63-quinow] and Cox-Othmer diagram. Partial decomposition of the compound is reported at temperatures above 400 K.

16 The parameter A reported in the original source [66-banhas] is erroneous. We have corrected it to make it consistent with the reported value of the boiling point.

17 The values of the parameters are those reported in the original source. We have estimated the rating for the temperature range below 292 K.

18 Only the mean temperature of the temperature interval studied was reported in the original source.

19 There are two sources of original experimental data for this compound which are in good agreement with each other (the difference over the temperature interval is about 1.5%). We have presented three different sets of the Antoine parameters (one for each data set reported and one for the combination of all the data).

20 The constant A originally reported was changed.
21 These parameters are based on the most recent data available for the compound.
22 The parameters are obtained by the modification of the equation reported in the original source.
23 The intersection point of the vapor pressure curves for the solid and for the liquid phases is T = 303.8K, P = 0.0429 kPa (melting point is 304.502 K [54-fin/gro]).
24 The intersection point of the vapor pressure curves for the solid and for the liquid phases is T = 375.8K, P = 0.0429 kPa.
25 The intersection point of the vapor pressure curves for the solid and for the liquid phases is T = 432.4K, P = 0.2256 kPa.
26 The original source does not contain experimental data. The parameters of the equation were forwarded from the original source.
27 The parameters of the equation are forwarded from the original source. The information about the temperature range 'covered' by this equation is not provided in the original source.
28 The Antoine constants reported [72-kunwai] are related to the supercooled liquid.
29 The equation was developed based on single data points reported in various publications.
30 The source does not contain original experimental data. The parameters of the equation (up to 354 K) are forwarded from the original source. The rating provided is based on auxiliary information.
31 The applicable temperature range is determined from the graphical representation reported in the original source.
32 The equation reported in the original source is adjusted to ITS-90. The reported experimental value of normal boiling point is higher than the calculated one by 1.5K.
33 The equation for the liquid phase (up to 178 K) reported in the original source is forwarded. No experimental data is reported in the original source.
34 The equation reported in the original source is adjusted to ITS-90.
35 Melting point of the commercial sample used is 327 K < T_b < 329 K.
36 Only those polychlorobiphenyls are evaluated for which experimental vapor pressure data were reported at least at two different temperatures.
37 The recommended equation is the result of the fit of combination of the experimental data obtained by two different methods.
38 The equation reported in the original source is forwarded.

References for 2 - 4

Reference codes are those used in the TRC SOURCE database. A reference code consists of the year prior to 1900, or the last two digits of the year after 1899, the first three letters of the first author, the first three letters of the second author. An additional sequence number is used when more than one reference in the database has an identical code.

xx-trchc	TRC Thermodynamic Tables - Hydrocarbons, Thermodynamics Research Center, Texas A&M University System, College Station, TX, (19xx).
xx-trcnh	TRC Thermodynamic Tables-Non-Hydrocarbons, Thermodynamics Research Center, Texas A&M University System, College Station, TX, (19xx)
1889-fei	Feitler, S.: Z. Phys. Chem., Stoechiom. Verwandtschaftsl. **4** (1889) 66.
1889-you-1	Young, S.: J. Chem. Soc. Trans. **55** (1889) 486.
26-lep	Lepingle, M.: Bull. Soc. Chim. France **39** (1926) 741.
26-strkol	Straus, F.; Kollek, L.: Ber. Dtsch. Chem. Ges. **59** (1926) 1664.
27-kur	Kurbatov, V.Y.: Izv. Technol. Inst. im. Lenigtadsk. Sovyeta Rabochikh. Krestyaniskh i Krasnoarmeyskikh Deputatov **1** (1927) 1.
29-picpet	Pickett, O.A., Peterson, J.M.: Ind. Eng. Chem. **21** (1929) 325.
30-hic-1	Hickman, K.C. D.: J. Phys. Chem. **34** (1930) 627.
30-macsmi	MacDougall, F.H., Smith, L.I.: J. Am. Chem. Soc. **52** (1930) 1998.
31-carwil	Carothers, W.H., Williams, I., Collins, A.M., Kirby, J.E.. J. Am. Chem. Soc. **53** (1931) 4203.
31-lin	Linder, E.G.: J. Phys. Chem. **35** (1931) 531.
31-niecal	Nieuwland, J.A., Calcott, W.S., Downing, F.B., Carter: J. Am. Chem. Soc. **53** (1931) 4197.
32-ellrei	Ellis, L.M., Reid, E.E.: J. Am. Chem. Soc. **54** (1932) 1674.
32-kopsek	Kopper, H., Seka, R., Kohlraush, K.W.F.: Monatsh. Chem. **61** (1932) 397.
32-weywei	Weygand, C., Weissberger, A., Baumgaertel, H.: Chem. Ber. **65B** (1932) 696.
33-brofra	Broadway, L.F., Fraser, R.G.J.: J. Chem. Soc., 1933, 429.
33-tan	Tanneberger, H.: Ber. Dtsch. Chem. Ges. B **66** (1933) 484.
33-joh	Johnson, J.D.A.: J. Chem. Soc., 1933, 1531.
34-meh	Mehl, W.: Z. Phys. Chem. Abt. A **169** (1934) 312.
35-baubur	Bauer, H., Burschkies, K.: Ber. Dtsch. Chem. Ges. B **68** (1935) 1238.
35-booels	Booth, H.S., Elsey, H.M., Burchfield, P.E.: J. Am. Chem. Soc. **57** (1935) 2066.
35-booels-1	Booth, H.S., Elsey, H.M., Burchfield, P.E.: J. Am. Chem. Soc. **57** (1935) 2064.
35-booswi	Booth, H.S., Swinehart, C.F.: J. Am. Chem. Soc. **57** (1935) 1337.
35-hei	Heisig, G.B.: J. Phys. Chem. **39** (1935) 1067.
36-cutben	Cuthbertson, G.R., Bent, H.E.: J. Am. Chem. Soc. **58** (1936) 2000.
36-rufbre	Ruff, O., Bretschneider, O., Luchsinger, W., Miltschitzky, G.: Ber. Dtsch. Chem. Ges. A **69** (1936) 299.
36-swa	Swarts, F.: Bull. Acad. R. Belg. **22** (1936) 105.
36-zilras	Zil'berman, G.V., Rashevskaya, S.T., Martyntseva, S.S.: Zh. Prikl. Khim. (Leningrad) **9** (1936) 1832.
37-bra	Brauns, D.H.: J. Res. Natl. Bur. Stand. (U. S.) **18** (1937) 315.
37-brihen	Bried, E.A., Hennion, G.F.: J. Am. Chem. Soc. **59** (1937) 1310.
37-groipa	Grosse, A.V., Ipatieff, V.N.: J. Org. Chem. **2** (1937) 447.
37-kemgia	Kemp, J.D., Giauque, W.F.: J. Am. Chem. Soc. **59** (1937) 79.

37-radtil Radulescu, D., Tilenschi, S.: Z. Phys. Chem. Abt. A **172** (1937) 210.
37-rudkor-1 Rudakov, G.A., Korotov, S.Ya.: Zh. Prikl. Khim. (Leningrad) **10** (1937) 312.
37-schwei Schutze, H., Weidenmann, M.: Helv. Chim. Acta **20** (1937) 936.
38-baseme Bashford, L.A., Emeleus, H.J., Briscoe H.V.A.: J. Chem. Soc., 1938, 1358.
38-coldod Coles, H.W., Dodds, M.L.: J. Am. Chem. Soc. **60** (1938) 853.
38-grolin Grosse, A.V., Linn, C.B.: J. Org. Chem. **3** (1938) 26.
39-ale Alekseyevskii, E.V.: Zh. Obshch. Khim. **9** (1939) 1586.
39-mulsch Muller, K.L., Schumacher, H.-J.: Z. Phys. Chem. Abt. B **42** (1939) 327.
39-rhemot Rheinboldt, H., Motzkus, E.: Chem. Ber. **72** (1939) 657.
39-simblo Simons, J.H., Block, L.P.: J. Am. Chem. Soc. **61** (1939) 2962.
39-smikie-1 Smith, L.I., Kiess, M.A.: J. Am. Chem. Soc. **61** (1939) 284.

40-kobvit Kobe, K.A., Vittone, A.: Ind. Eng. Chem. **32** (1940) 775.
40-rensch Rengert, K., Schumacher, H.-J.: Chem. Ber. **73** (1940) 1025.
40-smigus-1 Smith, L.I., Guss, C.O.: J. Am. Chem. Soc. **62** (1940) 2630.
40-stusay Stuckey, J.M., Saylor, J.H.: J. Am. Chem. Soc. **62** (1940) 2922.
40-zil-1 Zil'berman-Granovskaya, A.A.: Zh. Fiz. Khim. **14** (1940) 768.
41-cameby-1 Campbell, K.N., Eby, L.T.: J. Am. Chem. Soc. **63** (1941) 2683.
41-halrei Halford, J.O., Reid, E.B.: J. Am. Chem. Soc. **63** (1941) 1873.
41-hei Heisig, G.B.: J. Am. Chem. Soc. **63** (1941) 1698.
41-koboka Kobe, K.A., Okabe, T.S., Ramstad, M.T., Huemmer, P.M.: J. Am. Chem. Soc. **63** (1941) 3251.
41-lis Lister, M.W.: J. Am. Chem. Soc. **63** (1941) 143.
41-maistr Mair, B.J., Streiff, A.J.: J. Res. Natl. Bur. Stand. (U. S.) **27** (1941) 343.
41-nitsek Nitta, S., Seki, S.: Nippon Kagaku Kaishi **62** (1941) 581.
42-bur Burchfield, P.E.: J. Am. Chem. Soc. **64** (1942) 2501.
42-han-1 Hanai, S.: J. Chem. Soc. Jpn., Pure Chem. Sect. **63** (1942) 193.
43-cra-1 Cramer, J.S.N.: Recl. Trav. Chim. Pays-Bas **62** (1943) 606.
43-halrei Hall, W.P., Reid, E.E.: J. Am. Chem. Soc. **65** (1943) 1466.
43-nitsek Nitta, I., Seki, S.: Nippon Kagaku Zasshi **64** (1943) 475.
44-miccla Michalek, J.C., Clark, C.C.: Chem. Eng. News **22** (1944) 1559.
44-mil Milazzo, G.; Gazz. Chim. Ital. **74** (1944) 49.
46-fiesay Field, F.H., Saylor, J.H.: J. Am. Chem. Soc. **68** (1946) 2649.
46-maemog Maede, E.M., Moggridge, R.C.G.: J. Chem. Soc., 1946, 813.
46-roztem Rozlovskaya, S.I., Temkin, M.I.: Zh. Prikl. Khim. (Leningrad) **19** (1946) 30.
46-pitgut Pitzer, K.S., Guttman, L., Westrum, E.F.: J. Am. Chem. Soc. **68** (1946) 2209.
47-balden Balson, E.W., Denbigh, K.G., Adam, N.K.: Trans. Faraday Soc. **43** (1947) 42.
47-fowham Fowler, R.D., Hamilton, J.M., Kasper, J.S., Weber, C.E., Burford, W.B., Anderson, H.C.: Ind. Eng. Chem. **39** (1947) 375.
47-ketvan Ketelaar, J.A.A., VanVelden, P., Zalm, P.: Recl. Trav. Chim. Pays-Bas **66** (1947) 721.
47-mashat Masuo, F., Hattori, S.: Kobunshi Kagaku **4** (1947) 15.
47-stu Stull, D.R.: Ind. Eng. Chem. **39** (1947) 517.
48-dou Douglas, T.B.: J. Am. Chem. Soc. **70** (1948) 2001.
48-feimoo Feichtinger, H., Moos, J.: Chem. Ber. **81** (1948) 371.
48-gleris Glemser, O., Risler, T.: Z. Naturforsch. B **3** (1948) 1.
48-melwoo Melpolder, F.W., Woodbridge, J.E., Headington, C.E.: J. Am. Chem. Soc. **70** (1948) 935.
48-nitsek-3 Nitta, I., Seki, S.: Nippon Kagaku Zasshi **69** (7-9) (1948) 85.
48-redcha-2 Redemann, C.E., Chaikin, S.W., Fearing, R.B.: J. Am. Chem. Soc. **70** (1948) 631.
48-redcha-1 Redemann, C.E., Chaikin, S.W., Fearing, R.B., Rotariu, G.J., Savit, J., VanHoesen, D.: J. Am. Chem. Soc. **70** (1948) 3604.
49-buccol Buck, F.R., Coles, K.F., Kennedy, G.T., Morton, F.: J. Chem. Soc., 1949, 2377.

49-dremar Dreisbach, R.R., Martin, R.A.: Ind. Eng. Chem. **41** (1949) 2875.
49-dreshr Dreisbach, R.R., Shrader, S.A.: Ind. Eng. Chem. **41** (1949) 2879.
49-emehas Emeleus, H.J., Haszeldine, R.N.: J. Chem. Soc., 1949, 2948.
49-felmyl Feldman, J., Myles, M., Wender, I., Orchin, M.: Ind. Eng. Chem. **41** (1949) 1032.
49-fornor Forziati, A.F., Norris, W.R., Rossini, F.D.: J. Res. Natl. Bur. Stand. (U. S.) **43** (1949) 55.
49-higend Higuchi, T., Endow, N., Willard, J.E.: J. Am. Chem. Soc. **71** (1949) 365.
49-pincza Pines, H., Czajkowski, G.J., Ipatieff, V.N.: J. Am. Chem. Soc. **71** (1949) 3798.
49-scogro Scott, D.W., Gross, M.E., Oliver, G.D., Huffman, H.M.: J. Am. Chem. Soc. **71** (1949) 1634.
49-seahop Sears, G.W., Hopke, E.R.: J. Am. Chem. Soc. **71** (1949) 1632.
49-smifuz-1 Smith, H.A., Fuzek, J.F., Meriwether, H.T.: J. Am. Chem. Soc. **71** (1949) 3765.

50-beddre Bedingfield, C.H., Drew, T.B.: Ind. Eng. Chem. **42** (1950) 1164.
50-bre Brewer, L.: Natl. Nucl. Energy Ser., Manhattan Proj. Tech. Sect., Div.4 **19B** (1950) 193-275.
50-bre-1 Brewer, L.: Natl. Nucl. Energy Ser., Manhattan Proj. Tech. Sect., Div.4 **19B** (1950) 60-75.
50-fenmye Fenske, M.R., Myers, H.S., Quiggle, D.: Ind. Eng. Chem. **42** (1950) 649.
50-forcam Forziati, A.F., Camin, D.L., Rossini, F.D.: J. Res. Natl. Bur. Stand. (U. S.) **45** (1950) 406.
50-hun Hunsmann, W.: Chem. Ber. **83** (1950) 213.
50-noynoy Noyes, R.M., Noyes, W.A.; Steinmetz, H.: J. Am. Chem. Soc. **72** (1950) 33.
50-scofin-1 Scott, D.W., Finke, H.L., Hubbard, W.N., McCullough, J.P., Gross, M. E., Williamson, K.D., Waddington, G., Huffman, H.M.: J. Am. Chem. Soc. **72** (1950) 4664.
50-silcad Silvey, G.H., Cady, G.H.: J. Am. Chem. Soc. **72** (1950) 3624.
50-whirop Whitmore, F.C., Ropp, W.S., Cook, N.C.: J. Am. Chem. Soc. **72** (1950) 1507.
51-brawag Bradley, R.S., Waghorn, C.C.S.: Proc. R. Soc. London A **206** (1951) 65.
51-bryhow Bryce-Smith, D., Howlett, K.E.: J. Chem. Soc., 1951**,** 1141.
51-calgri Calingaert, G., Griffing, M.E., Kerr, E.R., Kolka, A. J., Orloff, H.D.: J. Am. Chem. Soc. **73** (1951) 5224.
51-carkub Carroll, B., Kubler, D.G., Davis, H.W., Whaley, A.H.: J. Am. Chem. Soc. **73** (1951) 5382.
51-cla Clarke, E.W.: Ind. Eng. Chem. **43** (1951) 2526.
51-ell Ellingboe, E.K.: Org. Synth. **31** (1951) 107.
51-has-1 Haszeldine, R.N.: J. Chem. Soc., 1951, 584.
51-hofgre Hoff, M.C., Greenlee, K.W., Boord, C.E.: J. Am. Chem. Soc. **73** (1951) 3329.
51-milpao Milazzo, G., Paoloni, L.: Ann. Chim. (Rome) **41** (1951) 673.
51-oligri Oliver, G.D., Grisard, J.W.: J. Am. Chem. Soc. **73** (1951) 1688.
51-oligri-1 Oliver, G.D., Grisard, J.W., Cunningham, C.W.: J. Am. Chem. Soc. **73** (1951) 5719.
51-parbro Park, J.D., Brown, H.A., Lacher, J.R.: J. Am. Chem. Soc. **73** (1951) 709.
51-potsay Potter, J.C., Saylor, J.H.: J. Am. Chem. Soc. **73** (1951) 90.
52-birgri Birch, S.F., Gripp, V.E., Mcallan, D.T., Nathan, W.S.: J. Chem. Soc., 1952, 1363.
52-braeme Brandt, G.A.R., Emeleus, H.J., Haszeldine, R.N.: J. Chem. Soc., 1952, 2198.
52-braple Brackman, D.S., Plesch, P.H.: J. Chem. Soc., 1952, 2188.
52-bro Brown, I.: Aust. J. Sci. Res., Ser. A **5** (1952) 530.
52-byw Bywater, S.: J. Polym. Sci. **9** (1952) 417.
52-cro-1 Crombie L.: J. Chem. Soc., 1952, 2997.
52-gutsco Guthrie, G.B., Scott, D.W., Waddington, G.: J. Am. Chem. Soc. **74** (1952) 2795.
52-has Haszeldine, R.N.: J. Chem. Soc., 1952, 4259.
52-haslee Haszeldine, R.N., Leedham K.: J. Chem. Soc., 1952, 3482.
52-inoshi Inokuchi, H., Shiba, S., Handa, T., Akamatsu, H.: Bull. Chem. Soc. Jpn. **25** (1952) 299.

52-lanmos Landa, S., Mostecky, J., Sebik, R., Vacek, J.: Chem. Listy **46** (1952) 664.
52-lunwha Lunney, T.W., Whaley, A.M., Davis, H.W.: J. Am. Chem. Soc. **74** (1952) 3428.
52-miloli Milton, H.T., Oliver, G.D.: J. Am. Chem. Soc. **74** (1952) 3951.
52-shavar Shatenshtein, A.J., Varshavskii, Y.M.: Zh. Obshch. Khim. **22** (1952) 1116.
52-simmau Simons, J.H., Mausteller, J.W.: J. Chem. Phys. **20** (1952) 1516.
52-sticad Stiles, V.E., Cady, G.H.: J. Am. Chem. Soc. **74** (1952) 3771.
52-whi-2 Whipple, G.H.: Ind. Eng. Chem. **44** (1952) 1664.
52-whibar White, P.T., Barnard-Smith, D.G., Fidler, F.A.: Ind. Eng. Chem. **44** (1952) 1430.
53-atktre Atkinson, B., Trenwith, A.B.: J. Chem. Soc., 1953, 2082.
53-bac Backer, H.J.: Rec. Trav. Chim. Pays-Bas **72** (1953) 119.
53-bracar Bradley, R.S., Care, A.D.: J. Chem. Soc., 1953, 1688.
53-clewis Clements, H.E., Wise, K.V., Johnson, S.E.J.: J. Am. Chem. Soc. **75** (1953) 1593.
53-cliels Clifford, A.F., El-Shamy, H.K., Emeleus, H.J., Haszeldine, R.N.: J. Chem. Soc., 1953, 2372.
53-ewa Ewald, A.H.: Trans. Faraday Soc. **49** (1953) 1401.
53-furmcc-1 Furukawa, G.T., McCoskey, R.E., Reilly, M.L.: J. Res. Natl. Bur. Stand. (U. S.) **51** (1953) 69.
53-has-3 Haszeldine, R.N.: J. Chem. Soc., 1953, 3219.
54-bukmaj Bukala, M., Majewski, J., Rodzinski, W.: Przem. Chem. **10** (1954) 6.
54-furmcc Furukawa, G.T., McCoskey, R.E., Reilly, M.L.: J. Res. Natl. Bur. Stand. (U. S.) **52** (1954) 11.
54-geocav Georgieff, K.K., Cave, W.T., Blaikie, K.G.: J. Am. Chem. Soc. **76** (1954) 5494.
54-hawarm Hawkins, J.E., Armstrong, G.T.: J. Am. Chem. Soc. **76** (1954) 3756.
54-haskid Haszeldine, R.N., Kidd, J.M.: J. Chem. Soc., 1954, 4228.
54-hed Hedrick, R.M.: U. S. Patent 2, 695, 320, Nov. 23, Monsanto Chemical Co., 1954.
54-hindow Hine, J., Dowell, A.M.: J. Am. Chem. Soc. **76** (1954) 2688.
54-kwemei Kwestroo, W., Meijer, F.A., Havings, E.: Recl. Trav. Chim. Pays-Bas **73** (1954) 717.
54-morlei Morse, A.T., Leitch, L.C.: Can. J. Chem. **32** (1954) 500.
54-pomfoo-1 Pomerantz, P., Fookson, A., Mears, T.W., Rothberg, S., Howard, F.L.: J. Res. Natl. Bur. Stand. (U. S.) **52** (1954) 59.
55-camros Camin, D.L., Rossini, F.D.: J. Phys. Chem. **59** (1955) 1173.
55-cummcl Cummings, G.A., McLaughlin E.: J. Chem. Soc., 1955, 1391.
55-cyp Cypkina, D.J.: Zh. Prikl. Khim. **28** (1955) 185.
55-dre Dreisbach, R.R.: Physical Properties of Chemical Compounds, Advances in Chemistry Series No. 15, Washington, D. C.: Am. Chem. Soc., 1955.
55-dremar Dreyer, R., Martin, W., Von Weber, U.: J. Prakt. Chem. **1** (1955) 324.
55-levskv Levina, R.Ya., Skvarchenko, V.R., Okhlobystin, O.Yu.: Zh. Obshch. Khim. **25** (1955) 1466.
55-matdra Matveyev, I.G., Drapkina, J.A., Vil'shau, K.V., Globus, R.L., Gel'perin N. I.: Khim. Promst. (Moscow), 1955, 426.
55-measta Mears, W.H., Stahl, R.F., Orfeo, S.R., Shair, R.C., Kells, L.F., Thompson, W., McCann, H.: Ind. Eng. Chem. **47** (1955) 1449.
55-myefen Myers, H.S., Fenske, M.R.: Ind. Eng. Chem. **47** (1955) 1652.
55-schwhi Schiessler, R.W., Whitmore, F.C.: Ind. Eng. Chem. **47** (1955) 1660.
55-schwhi-1 Schiessler, R.W., Whitmore, F.C.: Am. Doc. Inst. No. 4597, Washington, 1955.
55-timhen Timmermans, J., Hennaut-Roland, M.: J. Chim. Phys. Phys.-Chim. Biol. **52** (1955) 223.
56-ano-17 Anonomous, P.: U.S. Patent, U.S.P. 2806884, Union Carbide Corp., 1956.
56-barcad Barber, E.J., Cady, G.H.: J. Phys. Chem. **60** (1956) 504.
56-breubb Brennan, D., Ubbelohde, A.R.: J. Chem. Soc., 1956, 3011.
56-capjac Capps, R.H., Jackson, W.M.: J. Phys. Chem. **60** (1956) 811.
56-finsco Finke, H.L., Scott, D.W., Gross, M.E., Messerly, J.F., Waddington, G.: J. Am. Chem. Soc. **78** (1956) 5469.

56-grasto Graham, W.A.G., Stone, F.G.A.: J. Inorg. Nucl. Chem. **3** (1956) 164.
56-grahas Gramstad, T., Haszeldine, R.N.: J. Chem. Soc., 1956, 173.
56-kleesa Klebanskii, A.L., Esajan, G.T.: Zh. Prikl. Khim. **26** (1956) 239.
56-matgel Matveyev, I.G., Gel'perin, N.I., Vil'shau, K.V., Globus, R.L.: Zh. Prikl. Khim. **31** (1956) 868.
56-mclsco McLaughlin, E.,D., Scott, R.L.: J. Phys. Chem. **60** (1956) 674.
56-ridsca Riding, F., Scanlan, J., Warhurst, E.: Trans. Faraday Soc. **52** (1956) 1354.
57-milfai Miller, W.F., Fainberg, A.H.: J. Am. Chem. Soc. **79** (1957) 4164.
57-muelew Mueller, C R., Lewis, J.E.: J. Chem. Phys. **26** (1957) 286.
57-olegol Olevskii, V.M., Golubyev, I.F.: Tr. Gos. Nauchno Issled. Proektn. Inst. Azotn. Promsti. Prod. Org. Sint. **7** (1957) 62.
57-rowtha Rowlinson, J.S., Thacker, R.: Trans. Faraday Soc. **53** (1957) 1.
57-ruhdav Ruh, R.P., Davis, R.A., Allswede, K.A.: U. S. Patent 2,777,004, Jan. 8, Dow Chemical Co., 1957.
58-bromea Brown, J.A., Mears, W.H.: J. Phys. Chem. **62** (1958) 960.
58-dichil Dickinson, F., Hill, R., Muray J.: J. Chem. Soc., 1958, 1441.
58-dunmur Dunlap, R.D., Murphy, C.J., Bedford, R.G.: J. Am. Chem. Soc. **80** (1958) 83.
58-hoypep Hoyer, H., Peperle, W.: Ber. Bunsen-Ges. Phys. Chem. **62** (1958) 61.
58-klo Klochkov, V.P.: Zh. Fiz. Khim. **32** (1958) 1177.
58-parabr Park, J.D., Abrama, J., Hein, M., Gray, D.N., Lacher, J.R.: J. Org. Chem. **23** (1958) 1661.
58-parlar Park, J.D., Larsen, E.R., Holler, H.V., Lacher, J.R.: J. Org. Chem. **23** (1958) 1166.
58-tresch Treibs, W., Schoellner, R.: Chem. Ber. **91** (1958) 2282.
59-aih Aihara, A.: Bull. Chem. Soc. Jpn. **32** (1959) 1242.
59-bobwin Boberg, F., Winter, G., Schultze, G.: Ann. Chem. **621** (1959) 8.
59-bohgou Bohme, H., Goubeau, H.-W., Stachel, H. -D.: Chem. Ber. **92** (1959) 362.
59-doumoo Douslin, D.R., Moore, R.T., Waddington, G.: J. Phys. Chem. **63** (1959) 1959.
59-dre-1 Dreisbach, R.R.: Physical Properties of Chemical Compounds - II, Advances in Chemistry Series No. 22, Washington, D. C.: Am. Chem. Soc.,1959.
59-dykrow Dyke, D.E.L., Rowlinson, J.S., Thacker, R.: Trans. Faraday Soc. **55** (1959) 903.
59-giltom Gilman, H., Tomasi, R.A., Wittenberg, D.: J. Org. Chem. **24** (1959) 821.
59-goodou Good, W.D., Douslin, D.R., Scott, D.W., George, A., Lacina, J.L., Dawson, J.P., Waddington, G.: J. Phys. Chem. **63** (1959) 1133.
59-hilmcd Hildenbrand, D.L., McDonald, R.A., Kramer, W.K., Stull, D.R.: J. Chem. Phys. **30** (1959) 930.
59-mcdshr McDonald, R.A., Shrader, S.A., Stull, D.R.: J. Chem. Eng. Data **4** (1959) 311.
59-petser Petrov, A.A., Sergienko, S.R., Nechitailo, N.A., Tsedilina, A.L.: Izv. Akad. Nauk SSSR Ser. Khim., 1959, 1091.
59-reetay Reed, T.M., Taylor, T.E.: J. Phys. Chem. **63** (1959) 58.
59-scodou Scott, D.W., Douslin, D.R., Messerly, J.F., Todd, S.S., Hossenlopp, I.A.; Kincheloe, T.C., McCullough, J.P.: J. Am. Chem. Soc. **81** (1959) 1015.
59-simsmi Simmons, H.E., Smith, R.D.: J. Am. Chem. Soc. **81** (1959) 4256.
59-terbri Terres, E., Brinkmann, L., Fischer, D., Huellstrung, D., Lorz, W., Weisbrod, G.: Brennst. Chem. **40** (1959) 279.
59-urb-1 Urbancova, L.: Chem. Zvesti **13** (1959) 224.

60-camros Camin, D.L., Rossini, F.D.: J. Chem. Eng. Data **5** (1960) 368.
60-dinpac Dininny, R.E., Pace, E.L.: J. Chem. Phys. **32** (1960) 805.
60-emenab Emeleus, H.J., Nabi, S.N.: J. Chem. Soc., 1960, 1103.
60-hallan Hala, S., Landa, S.: Coll. Czech. Chem. Commun. **25** (1960) 2692.
60-jon Jones, A.H.: J. Chem. Eng. Data **5** (1960) 196.

60-malmal-1 Malafeev, N.A., Malyusov, V.A., Umnik, N.N., Podgornaya, J.V., Zhavoronkov, N.M.: Dokl. Akad. Nauk SSSR **135** (1960) 659.

61-bersco Berg, W.T., Scott, D.W., Hubbard, W.N., Todd, S.S., Messerly, J.F., Hossenlopp, I.A., Osborn, A.G., Douslin, D.R., McCullough, J.P.: J. Phys. Chem. **65** (1961) 1425.

61-busivi-1 Busfield, W.K., Ivin, K.J., Mackle, H., O'Hare, P.A.G.: Trans. Faraday Soc. **57** (1961) 1058.

61-casray Case, J.R., Ray, N.H., Roberts, H.L.: J. Chem. Soc., 1961, 2070.

61-dre Dreisbach, R.R.: Physical Properties of Chemical Compounds - III, Advances in Chemistry Series No. 29, Washington, D.C.: Am. Chem. Soc., 1961.

61-fruvoy Frumkina, N.S., Voytkevich, S.A., Gel'perin, N.I., Ogorodnikovaye, A., Duchinskata, Y: Tr. Vses. Nauchno Issled. Inst. Sint. Nat. Dushistykh Veshchestv. **5** (1961) 85.

61-shrcad Shreeve, J.M., Cady, G.H.: J. Am. Chem. Soc. **83** (1961) 4521.

61-stumcd Stull, D.R., McDonald, R.A., Hatton, W.E., Hildebrand, D.L.: Pure Appl. Chem. **2** (1961) 315.

61-walsmi Walsh, P.N., Smith, N.O.: J. Chem. Eng. Data **6** (1961) 33.

62-atkste Atkinson, B., Stedman, M.: J. Chem. Soc., 1962, 512.

62-baugue Bauder, A., Guenthard, H.H.: Helv. Chim. Acta **45** (1962) 1698.

62-dow-1 Downs, A.J.: J. Chem. Soc., 1962, 4361.

62-ebseme Ebsworth, E.A.V., Emeleus, H.J., Welcman, N.: J. Chem. Soc., 1962, 2290.

62-geiqui-2 Geiseler, G., Quitzsch, K., Hoffmann, J., Moeschler, W.: Z. Phys. Chem. (Leipzig) **220** (1962) 391.

62-hoflan Hofmann, G., Langhammer, G., Langner, A.: Plaste Kautsch. **9** (1962) 575.

62-johmce Johns, I.B., Mcelhill, E.A., Smith, J.O.: J. Chem. Eng. Data **7** (1962) 277.

62-macmay Mackle, H., Mayrick, R.G.: Trans. Faraday Soc. **58** (1962) 230.

62-macmay-1 Mackle, H.; Mayrick, R.G.: Trans. Faraday Soc. **58** (1962) 238.

62-macmay-2 Mackle, H.; Mayrick, R.G.: Trans. Faraday Soc. **58** (1962) 33.

62-pod Podder, C.: Z. Phys. Chem. (Munich) **35** (1962) 267.

62-rosmue Rosenberg, R.M., Muetterties, E.L.: Inorg. Chem. **1** (1962) 756.

62-scomes Scott, D.W., Messerly, J.F., Todd, S.S., Hossenlopp, I.A., Douslin, D.R., McCullough, J.P.: J. Chem. Phys. **37** (1962) 867.

62-wadsmi Waddington, G., Smith, J.C., Williamson, K.D., Scott, D.W.: J. Phys. Chem. **66** (1962) 1074.

63-bes-0 Best, R.J.: J. Chem. Eng. Data **8** (1963) 267.

63-botsei Bottomley, G.A., Seiflow, G.H.F.: J. Appl. Chem. **13** (1963) 399.

63-bro Brown, J.A.: J. Chem. Eng. Data **8** (1963) 106.

63-dixyar Dixon, J.A., Yarnell, G.R., Mountain, J.A.: J. Chem. Eng. Data **8** (1963) 572.

63-emewel Emeleus, H.J.; Welcman, N.: J. Chem. Soc., 1963, 1268.

63-quinow Quitzsch, K., Nowak, C., Winkler, P., Geiseler, G.: J. Prakt. Chem. **20** (1963) 92.

64-app Appel, L.: Am. Perfume. Cosmet. **79** (1964) 29.

64-duncad Duncan, L.C., Cady, G.H.: Inorg. Chem. **3** (1964) 850.

64-fiehas Fields, R., Haszeldine R.N.: J. Chem. Soc., 1964, 1881.

64-fribau Frisch, M.A., Bautista, R.G., Margrave, J.L., Parsons, C.G.; Wotiz, J. H.: J. Am. Chem. Soc. **86** (1964) 335.

64-gudfer Gudkov, A.N., Fermor, N.A., Smirnov, N.I.: Zh. Prikl. Khim. (Leningrad) **37** (1964) 2204.

64-kelric Kelley, J.D., Rice, F.O.: J. Phys. Chem. **68** (1964) 3794.

64-mor Morecroft, D.W., J. Chem. Eng. Data **9** (1964) 488.

64-ratshr Ratcliffe, C.T., Shreeve, J.M.: Inorg. Chem. **3** (1964) 631.

64-smigor Smith, N.K., Gorin, G., Good, W.D., McCullough, J.P.: J. Phys. Chem. **68** (1964) 940.

64-sut Sutherland, M.D.: Aust. J. Chem. **17** (1964) 85.

65-davkyb Davies, M., Kybett, B.: Trans. Faraday Soc. **61** (1965) 1608.

65-douosb-1 Douslin, D.R., Osborn, A.: J. Sci. Instrum. **42** (1965) 369.

65-fremar Frey, H.M., Marshall, D.C., Skinner, R.F.: Trans. Faraday Soc. **61** (1965) 861.
65-hulrei Hull, H.S., Reid, A.F., Turnbull, A.G.: Aust. J. Chem. **18** (1965) 249.
65-mestod Messerly, J.F., Todd, S.S., Finke, H.L.: J. Phys. Chem. **69** (1965) 353.
65-nar Naro, P.: J. Chem. Eng. Data **10** (1965) 86.
65-nofcad Noftle, R.E., Cady, G.H.: Inorg. Chem. **4** (1965) 1010.
65-sha Shank, R.L.: ASHRAE J. No. **1** (1965) 94.
65-welreg Welcman, N., Regev, H.: J. Chem. Soc., 1965, 7511.
66-banbar Banks, R.E., Barlow, M.G., Haszeldine, R.N., Taylor, D.R.: J. Chem. Soc., 1966, 981.
66-bandee Banks, R.E., Deem, W.R., Haszeldine, R.N., Taylor, D.R.: J. Chem. Soc., 1966, 2051.
66-banhas Banks, R.E., Haslam, G.M., Haszeldine, R.N., Peppin, A.: J. Chem. Soc. C, 1966, 1171.
66-boy Boyd, R.H.: Tetrahedron **22** (1966) 119.
66-carste Carson, J.L., Stewart, R.C., Williamson, A.G.: J. Chem. Eng. Data **11** (1966) 231.
66-delshr Delfino, J.J., Shreeve, J.M.: Inorg. Chem. **5** (1966) 308.
66-descad DesMarteau, D.D., Cady, G.H.: Inorg. Chem. **5** (1966) 169.
66-evatil Evans, F.D., Tiley, P.F.: J. Chem. Soc. B, 1966, 134.
66-foxfra Fox, W.B., Franz, G.: Inorg. Chem. **5** (1966) 946.
66-gatdra Gattow, G., Draeger, M.: Z. Anorg. Allg. Chem. **343** (1966) 232.
66-geiqui Geiseler, G., Quitzsch, K., Rauh, H.J., Schaffernicht, H., Walther, H.J.: Ber. Bunsen-Ges. Phys. Chem. **70** (1966) 551.
66-kreamb Kresta, J., Ambroz, L.: Chem. Prum. **16** (1966) 94.
66-kybcar Kybett, B.D., Carroll, S., Natalis, P., Bonnell, D.W., Margrave, J.L., Franklin, J.L.: J. Am. Chem. Soc. **88** (1966) 626.
66-osbdou Osborn, A.G., Douslin, D.R.: J. Chem. Eng. Data **11** (1966) 502.
66-sidlow Sidhu, K.S., Lown, E.M., Strausz, O.P., Gunning, H.E.: J. Am. Chem. Soc. **88** (1966) 254.
67-crotay Crowder, G.A., Taylor, Z.L., Reed, T.M., Young, J.A.: J. Chem. Eng. Data **12** (1967) 481.
67-geisch-1 Geiseler, G., Schaffernicht, H., Walther, H.J.: Ber. Bunsen-Ges. Phys. Chem. **71** (1967) 196.
67-hacmat Haccuria, M., Mathieu, M.P.: Ind. Chim. Belge **32** (1967) 165.
67-jerskr Jermakov, G.V., Skripov, V.P.: Zh. Fiz. Khim. **41** (1967) 77.
67-klepet Kletskii, A.V., Petrik, L.E.: Zh. Fiz. Khim. **41** (1967) 1183.
67-lesogo Lesteva, T.M., Ogorodnikov, S.K., Morozova, A.I.: Zh. Prikl. Khim. (Leningrad) **40** (1967) 891.
67-levgar Levanova, S.V., Garber, T.E., Andreyevskii, D.N.: Neftekhimya **7** (1967) 286.
67-mantro Mangini, A., Trombetti, A., Zauli, C.: J. Chem. Soc., 1967, 153.
67-platit Platt, A.E., Tittle, B.: J. Chem. Soc., 1967, 1150.
67-sha Shank, R.L.: J. Chem. Eng. Data **12** (1967) 474.
67-wakino Wakayama, N., Inokuchi, H.: Bull. Chem. Soc. Jpn. **40** (1967) 2267.
68-amb-1 Ambrose, D.: J. Chem. Soc. A, 1968, 1381.
68-banbra Banks, R.E., Braithwaite, R.N., Haszeldine, R.N., Taylor D.R.: J. Chem. Soc., 1968, 2593.
68-cihvoj Cihova, M., Vojtko, J., Hrusovsky, M.: Chem. Zvesti **22** (1968) 599.
68-nof Noftle, R.E.: Inorg. Chem. **7** (1968) 2167.
68-ratshr Ratcliffe, C.T., Shreeve, J.M.: J. Phys. Chem. **90** (1968) 5403.
68-sesvis Seshadri, D.N., Viswanath, D.S., Kuloor, N.R.: J. Indian Inst. Sci. **50** (1968) 295.
68-turhul Turnbull, A.G., Hull, H.S.: Aust. J. Chem. **21** (1968) 1789.
69-andbra Andreevskii, D.N., Brazhnikov, M.M., Il'inchik, V.N.: Vestn. Beloruss. Gos. Univ., Ser. **2** (1) (1969) 3.
69-banbar Banks, R.E., Barlow, M.G., Davies, W.D., Haszeldine, R.N., Taylor, D.R.: J. Chem. Soc., 1969, 1104.
69-banhas Banks, R.E., Haszeldine, R.N., Morton, W.D.: J. Chem. Soc. C, 1969, 1947.

69-cihvoj Cihova, M., Vojtko, J., Hrusovsky, M.: Chem. Zvesti **23** (1969) 270.
69-eggsei Eggertsen, F.T., Seibert, E.R., Stross, F.H.: Anal. Chem. **41** (1969) 1175.
69-fin Findlay, T.J.V.: J. Chem. Eng. Data **14** (1969) 229.
69-fresol Frey, H.M., Solly, R.K.: Trans. Faraday Soc. **65** (1969) 1372.
69-mincho Minguezvalle, M., Cholizcalero, G., Gutierrez Losa, C.: Rev. R. Acad. Cienc. Exactas, Fis. Nat. Madrid **63** (1969) 533.
69-mor Morrow, G.: Kirk-Othmer Encyclopedia of Chemical Technology, Vol. 19, 1969, Second Revised Edition, New York: Wiley Interscience, p. 250-254.
69-otobes Otopkov, P.P., Bessarab, N.A., Rotshtein, Y.I., Dzhagatspanyan, R.V.: Zh. Prikl. Khim. (Leningrad) **42** (1969) 2367.
69-oveste Overberger, J.E., Stelle, W.A., Aston, J.G.: J. Chem. Thermodyn. **1** (1969) 535.
69-shimcn Shieh, C.-F., McNally, D., Boyd, R.H.: Tetrahedron Lett. **25** (1969) 3653.

70-andbra Andreevskii, D.N., Brazhnikov, M.M.: Vestn. Beloruss. Gos. Univ., Ser. **2** (3) (1970) 14.
70-banbri Banks, R.E., Bridge, M., Haszeldine, R.N., Roberts, D.W., Tucker, N.I.: J. Chem. Soc., 1970, 2531.
70-barhas Barlow, M.G., Haszeldine, R.N., Hubbard R.: J. Chem. Soc., 1970, 1232.
70-chamcn Chang, S., McNally, D., Shary-Tehrany, S., Hickey, M.J., Boyd, R.H.: J. Am. Chem. Soc. **92** (1970) 3109.
70-dou Douslin, D.R.: Proc. Am. Pet. Inst., Div. Refin. **50** (1970) 189.
70-eisora Eisen, O.G., Orav, A.: Eesti NSV Tead. Akad. Toim., Keem., Geol. **19** (1970) 202.
70-haskee Haszeldine, R.N., Keen, D.W., Tipping A.E.: J.Chem. Soc., 1970, 414.
70-klecur Kleckii, A.V., Curanova, T.N.: Kholod. Tekh.-Tekhnol. (1970) 42.
70-law Lawless E.W.: Inorg. Chem. **9** (1970) 2796.
70-reikin Reiter, F.W., Kind, H., Nehren, R.: Ber. Bunsen-Ges. Phys. Chem. **74** (1970) 470.
70-smodan Smolyan, Z.S., Danov, S.M., Golubev, Y.D., Tarasov, V.A.: Khim. Promst. (Moscow) **46** (1970) 416.
70-swakar Swain, H.A.;,Karraker, D.G.: Inorg. Chem. **9** (1970) 1766.
70-varbel Varushchenko, R.M., Belikova, N.A., Skuratov, S.M., Plate, A.F.: Zh. Fiz. Khim. **44** (1970) 3022.
71-ambspr-1 Ambrose, D., Sprake, C.H.S.: J. Chem. Soc. A, 1971, 1263.
71-boysan Boyd, R.H., Sanwal, S.N., Shary-Tehrany, S., McNally, D.: J. Phys. Chem. **75** (1971) 1264.
71-eonpom Eon, C., Pommier, C., Guiochon, G.: J. Chem. Eng. Data **16** (1971) 408.
71-gelsim Geller, Z.I., Simonov, V.D., Lyubarskii, M.V., Brakhfogel, E.A., Meizler, L.M., Paramonov, I.A.: Izv. Vyssh. Uchebn. Zaved., Neft Gaz **14** (11) (1971) 71.
71-gol Golubev, Y.D.: Zh. Prikl. Khim. (Leningrad) **44** (1971) 574.
71-henoli Henrici-Olive, G., Olive, S.: J. Organomet. Chem. **29** (1971) 307.
71-phijos Philippe, R., Jose, J.;,Clechet, P.: Bull. Soc. Chim. France **8** (1971) 2866.
71-saushr Sauer, D.T., Shreeve, J.M.: Inorg. Chem. **10** (1971) 358.
71-saushr-1 Sauer, D.T., Shreeve, J.M.: Z. Anorg. Allg. Chem. **385** (1971) 113.
71-saushr-2 Sauer, D.T., Shreeve, J. M.: J. Fluorine Chem. **1** (1971) 1.
71-weegar Weeks, P., Gard, G.L.: J. Fluorine Chem. **1** (1971) 295.
71-zerkog Zernov, V.S., Kogan, V.B., Lyubeskii, G.G., Duntov, F.I.: Zh. Prikl. Khim. (Leningrad) **44** (1971) 683.
72-ano-3 Beilsteins Handbuch der Organischen Chemie, 4. Ergänzung, Band 1, Teil 1, 1972, p. 201.
72-ano-4 Beilsteins Handbuch der Oragnischen Chemie, 4. Ergänzung.,Band 1, Teil 1, 1972, p. 327-328.
72-bouaim Boublik,T., Aim, K.: Collect. Czech. Chem. Commun. **37** (1972) 3513.

72-finmcc Finke, H.L., McCullough, J.P., Messerly, J.F., Osborn, A.G., Douslin, D.R.: J. Chem. Thermodyn. **4** (1972) 477.

72-geisaw Geiseler, G., Sawistowsky, J.: Z. Phys. Chem. (Leipzig) **250** (1972) 43.

72-jakvan Jakli, G., Van Hook, W.A.: J. Chem. Thermodyn. **4** (1972) 857.

72-kan Kana'an, A.S.: J. Chem. Thermodyn. **4** (1972) 893.

72-kunwai Kunz, C.O., Waight, A.N.: J. Chem. Soc., Faraday Trans. 1 **68** (1972) 140.

72-vardru Varushchenko, R.M., Druzhinina, A.I.: Zh. Fiz. Khim. **46** (1972) 1312.

73-abeshr Abe, T., Shreeve, J.M.: J. Fluorine Chem. **3** (1973) 17.

73-abeshr-1 Abe, T., Shreeve, J.M.: J. Fluorine Chem. **3** (1973) 187.

73-besmar Bessarab, N.A., Martynov, Y.: Russ. J. Phys. Chem. (English Transl.) **47** (1973) 871.

73-demshr De Marco, R.A., Shreeve, J.M.: Inorg. Chem. **12** (1973) 1896.

73-fae Faenger, A.: Disssertation, Merseburg, 1973.

73-felsav Feldman, I.N., Savko, V.V., Mamai, U.I., Finkelshtein, M.F.: Zh. Fiz. Khim. **47** (1973) 2715.

73-geisaw Geiseler, G., Sawistowsky, J.: Z. Phys. Chem. (Leipzig) **253** (1973) 333.

73-gigmal Gigli, R., Malaspina, L., Bardi, G.: Ann. Chim. (Rome) **63** (1973) 627.

73-grushe Grusdev, V.A., Shelyudakov, E.P., Kiriyanenko, A.A., Kolotov, Y.L., Lavarov, V.A., Shilyakov, A.A., Shestova, A.I., Shumskaya, A.I.: Teplofiz. Svoistva Zhidk., Mater. Vses. Teplofiz. Konf.,4th, 1971, (Publ. 1973).

73-halsmi Hall, H.K., Smith, C.D., Baldt, J.H.: J. Am. Chem. Soc. **95** (1973) 3197.

73-hohdes Hohorst, F.A., DesMarteau, D.D., Anderson, L.R., Gould, D.E., Fox, W.B.: J. Am. Chem. Soc. **95** (1973) 3866.

73-meyhot Meyer, E.F., Hotz, R.D.: J. Chem. Eng. Data **18** (1973) 359.

73-noffox Noftle, R.E., Fox, W.B.: J. Fluorine Chem. **9** (1973) 219.

73-raugey Rauh, H.J., Geyer, W., Schmidt, H., Geiseler, G.: Z. Phys. Chem. (Leipzig) **253** (1973) 43.

73-shebuz Sheludyakov, I.P., Buzhdan, Y.M., Kolotov, Y.L.: Teplofiz. Svoistva Veshchestv Mater. **6** (1973) 147.

74-beamue Beak, P., Mueller, D.S., Lee, J.: J. Am. Chem. Soc. **96** (1974) 3867.

74-cafsic Cafferata, L.F.R., Sicre, J.E.: Inorg. Chem. **13** (1974) 242.

74-efrfed Efremov, E.A., Fedorova, V.A., Orlov, V.Yu., Osipova, N.G., Chesnokova, E.V., Tonoyan, L.G.: Deposited Publ. VINITI (1974) 3333.

74-elvkud Elvelt, A., Kudryavtseva, L., Eisen, O: Eesti NSV Tead. Akad. Toim., Keem., Geol. **23** (1974) 200.

74-letmar Letcher, T.M., Marsicano, F.: J. Chem. Thermodyn. **6** (1974) 509.

74-majshr Majid, A., Shreeve, J.M.: Inorg. Chem. **13** (1974) 2710.

74-malbar Malaspina, L., Bardi, G., Gigli, R.: J. Chem. Thermodyn. **6** (1974) 1053.

74-micelw Michkelson, W.J., Elwelt, A.A., Kudrjawzewa, L.S., Eisen, O.G.: Monatsh. Chem. **105** (1974) 1379.

74-mozkol Mozhginskaya, L.V., Kolysko, L.E.: Zh. Fiz. Khim. **48** (1974) 1506.

74-murpot Murray, J.J., Pottie, R.F., Pupp, C.: Can. J. Chem. **52** (1974) 557.

74-osbdou Osborn, A.G., Douslin, D.R.: J. Chem. Eng. Data **19** (1974) 114.

74-pripou Pribilova, J., Pouchly, J.: Collect. Czech. Chem. Commun. **39** (1974) 1118.

74-puplao Pupp, C., Lao, R.C., Murray, J.J., Pottie, R.T.: Atmos. Environ. **8** (1974) 915.

74-radkit Radchenko, L.G., Kitaigonodskii, A.I.: Russ. J. Phys. Chem. (English Transl.) **48** (1974) 1595.

74-shigre Shieh, C.-F., Gregory, N.W.: J. Chem. Eng. Data **19** (1974) 11.

74-vanhou-0 Van Diemen, A.J.G., Houtepen, C.J.M., Stein, H.N.: J. Chem. Thermodyn. **6** (1974) 805.

74-vardru Varushchenko, R.M., Druzhinina, A.I., Belikova, N.A., Bobyleva, A.A., Plate, A.F.: Zh. Fiz. Khim. **48** (1974) 479.

74-vardru-1 Varushchenko, R.M., Druzhinina, A.I., Gal'chenko, G.L.: Tr. Khim. Khim. Tekhnol. **1** (1974) 93.

74-vardru-2 Varushchenko, R.M., Druzhinina, A.I., Kovner, O.Ya., Mil'vitskaya, E.M., Bobylev, A.G., Belikova, N.A., Gal'chenko, G.L.: Zh. Fiz. Khim. **48** (1974) 1886.

74-vardru-3 Varushchenko, R.M., Druzhinina, A.I., Mil'vitskaya, E.M., Plate, A.F., Bolesov, I.G.: Zh. Fiz. Khim. **48** (1974) 480.

75-ambell Ambrose, D., Ellender, J.H., Sprake, C.H.S., Townsend, R.: J. Chem. Soc., Faraday Trans. 1 **71** (1975) 35.

75-baegub-1 Baev, A.K., Gubar', Yu.L., Kozyrkin, B.I., Salamatin, B.A., Gaidym, I.L.: Tr. Khim. Khim. Tekhnol. **4** (1975) 83.

75-bitkle Bittrich, H.-J., Klemm, D., Stephan, D.: Z. Phys. Chem. (Leipzig) **256** (1975) 465.

75-budles-2 Budantseva, L.S., Lesteva, T.M., Nemtsov, M.S.: Zh. Fiz. Khim. **49** (1975) 1844.

75-demkov De Marco, R.A., Kovacina, T.A., Fox, W.B.: J. Fluorine Chem. **5** (1975) 221.

75-demkov-1 De Marco, R.A., Kovacina, T.A., Fox, W.B.: J. Fluorine Chem. **6** (1975) 93.

75-geydzh Geydarov, K.I., Dzhafarov, O.I., Karasharli, K.A.: Zh. Prikl. Khim. **49** (1975) 1278.

75-lebleb Lebedev, B.V., Lebedev, N.K., Kiparisova, E.G., Tsvetkova, L.Ya., Rabinovich, I.B.: II, Thermophysique, Quatrieme Conf. Int. Thermodyn. Chim., 1975, p. 20-28.

75-leeslu Lee, V.Y., Slutsky, L.J.: J. Phys. Chem. **79** (1975) 2802.

75-malbar Malaspina, L., Bardi, G., Gigli, R.: Quatrieme Conf. Int. Thermodyn. Chim., Vol. 1, Montpelier, 54 (1975).

75-osbdou Osborn, A.G., Douslin, D.R.: J. Chem. Eng. Data **20** (1975) 229.

75-pisroz Pisarev, V.V., Rozhnov, A.M., Varushchenko, R.M., Sarkisov, A.G.: Zh. Fiz. Khim. **49** (1975) 2464.

75-pisroz-1 Pisarev, V.V., Rozhnov, A.M., Varushchenko, R.M., Sarkisov, A.G.: Zh. Fiz. Khim. **49** (1975) 2772.

75-vardru Varushchenko, R.M., Druzhinina, A.I.: Zh. Fiz. Khim. **49** (1975) 2446.

75-vid-1 Vidaurri, F.C.: J. Chem. Eng. Data **20** (1975) 328.

75-waldes-1 Walker, N.S., DesMarteau, D.D.: J. Fluorine Chem. **5** (1975) 127.

76-amblaw Ambrose, D., Lawrenson, I.J., Sprake, C.H.S.: J. Chem. Thermodyn. **8** (1976) 503.

76-ash Ashcroft, S.J.: J. Chem. Eng. Data **21** (1976) 397.

76-baegub Baev, A.K., Gubar', Yu.L., Gaidym, I.L., Kozyrkin, B.I.: Vses. Konf. po Termodin. Org. Soedin., Gorkii. Tezisy Dokl., B. m., 1976, 22.

76-figvon Figurski, G., Von Weber, U.: Wiss. Z. Wilhelm-Pieck-Univ. Rostock, Math.-Naturwiss. Reihe **25** (1976) 1071.

76-honsin Hon, H.C., Singh, R.P., Kudchadker, A.P.: J. Chem. Eng. Data **21** (1976) 430.

76-hopdes Hopkinson, M.J., DesMarteau, D.D.: J. Fluorine Chem. **7** (1976) 501.

76-kozsal Kozyrkin, B.I., Salamatin, B.A., Klinchikova, S.A., Serbinov, I.A.: II. Vses. Konf. po Termodin. Org. Soedin., Gorkii Tezisy Dokl., B. m., 1976, 26.

76-levgol Levchuk, L.N., Golubkov, Y.V., Shner, S.M., Markovich, V.E., Papsueva, V.P., Repneva, T.G.: Zh. Prikl. Khim. (Leningrad) **49** (1976) 655.

76-meyhot Meyer, E.F., Hotz, C.A.: J. Chem. Eng. Data **21**, (1976) 274.

76-orlosi Orlov, V.Yu., Osipova, N.G., Filipov, E.P., Kozyrkin, B.I.: Deposited Publ. VINITI (1976) 3713.

76-pisvar Pisarev, V. V., Varushchenko, R.M., Rozhnov, A.M., Sarkisov, A.G.: II Vses. Konf. po Termodin. Org. Soedin., Gorkii Tezisy Dokl., B.m., 1976, 53.

76-varbul Varushchenko, R.M., Bulgakova, L.L.: Termodin. Org. Soedin. **5** (1976) 29.

76-yu shr Yu, Sh.-L., Shreeve, J.M.: Inorg. Chem. **15** (1976) 14.

77-burshr Burton, C.A., Shreeve, J.M.: Inorg. Chem. **16** (1977) 1039.

77-gom Gombler, W.: Angew. Chem. **89** (1977) 740.

77-kitshr Kitazume, T., Shreeve, J.M.: J. Am. Chem. Soc. **99** (1977) 4194.

77-lebgut Lebedeva, N.D., Gutner, N.M., Nazarova, L.F.: Termodin. Org. Soedin. **6** (1977) 26.

77-mel Mellan, I.: Industrial Solvents Handbook, New York: Noyes Data Corp., 1977.

77-meygen Meyer, E. F., Gens, T.H.: J. Chem. Eng. Data **22** (1977) 30.
77-pisroz Pisarev, V.V., Rozhnov, A.M., Sarkisov, A.G.: Zh. Fiz. Khim. **51** (1977) 541.
77-simlaw Simnick, J.J., Lawson, C.C., Lin, H.-M., Chao, K.-C.: AIChE J. **23** (1977) 469.
77-svomaj Svoboda, V., Majer, V., Vesely, F., Pick, J.: Collect. Czech. Chem. Commun. **42** (1977) 1755.
78-bedleb Bedronosov, S.S., Lebedev, V.Ya., Sychev, Yu.N.: Deposited Doc., VINITI No. 2312, (1978).
78-demfox De Marco, R.A., Fox, W.B.: J. Fluorine Chem. **12** (1978) 137.
78-dep DePablo, R.S.: J. Phys. D., Appl. Phys. **11** (1978) 193.
78-elveis Elvelt, A., Eisen, O.: Izv. Akad. Nauk. Est. SSR, Khim. **27** (1978) 54.
78-kitshr Kitazume, T., Shreeve, J.M.: Inorg. Chem. **17** (1978) 2173.
78-macwin Macknick, A.B., Winnick, J., Prausnitz, J.M.: AIChE J. **24** (1978) 731.
78-mou Mousa, A.H.N.: J. Chem. Eng. Data **23** (1978) 133.
78-osbsco Osborn, A.G., Scott, D.W.: J. Chem. Thermodyn. **10** (1978) 619.
78-pavpop Pavlova, P.S., Popov, D.M., Zvigunova, V.A., Sharipova, M.S., Martinenko, R.L.: Khim. Promst. (Moscow) **7** (1978) 501.
78-sokleo Sokolova, T.D., Leonov, A.M., Nisel'son, L.A.: Zh. Obshch. Khim. **48** (1978) 961
78-varpis-0 Varushchenko, R.M., Pisarev, V.V., Rozhnov, A.M.: Termodin. Org. Soedin. **7** (1978) 75.
79-asccla Aschcroft, S.J., Clayton, A.D., Shearn, R.B.: J. Chem. Eng. Data **24** (1979) 195.
79-atktsi Atkinson, B., Tsiamis, C.: Int. J. Chem. Kinet. **10** (1979) 1029.
79-coljim-1 Colomina, M., Jimenez, P., Roux, M.V., Turrion, C.: An. Quim., Ser. A **75** (1979) 620.
79-dykrep Dykyi, J., Repas, M.: Saturated Vapor Pressure of Organic Compounds, Bratislava, Czech.: Slovakian Academy of Science, 1979.
79-elvots Elvelt, A., Otsa, E., Eisen, O.: Eesti NSV Tead. Akad. Toim., Keem. **28** (1979) 287.
79-kudkud-1 Kudchadker, A.P., Kudchadker, S.A., Shukla, R.P., Patnaik, P.R.: J. Phys. Chem. Ref. Data **8** (1979) 499.
79-letorc Letcher, T.M., Orchard, S.W., Albers, M.: J. Chem. Thermodyn. **11** (1979) 173.
79-mizdan Mizinov, E.N., Danov, S.M., Afraiinovich, J.L., Chugunov, M.A.: Zh. Prikl. Khim. **17N** (1979) 145.
79-robsen Robinson, D.B., Senturk, N.H.: J. Chem. Thermodyn. **11** (1979) 461.
79-sevsol Sevast'yanov, V.G., Solov'ev, V.P.: Zh. Fiz. Khim. **53** (1979) 1660.

80-beckra Beckhaus, H.D., Kratt, G., Lay, K., Geiselmann, J., Ruechardt, A., Kitschke, B., Lidner, H.J.: Chem. Ber. **113** (1980) 3441.
80-dek De Kruif, C.G.: J. Chem. Thermodyn. **12** (1980) 243.
80-dekgov De Kruif, C.G., Govers, H.A.: J. Chem. Phys. **73** (1980) 553.
80-gentej Genco, J.M., Teja, A.S., Kay, W.B.: J. Chem. Eng. Data **25** (1980) 350.
80-gmeonk Gmehling, J., Onken, U., Schulte, H.W.: J. Chem. Eng. Data **25** (1980) 29.
80-kar Karvo, M.: J. Chem. Thermodyn. **12** (1980) 1175.
80-majsvo Majer, V., Svoboda, V., Posta, A., Pick, J.: Collect. Czech. Chem. Commun. **45** (1980) 3063.
80-nashwa Nasir, P., Hwang, S.-C., Kobayashi, R.: J. Chem. Eng. Data **25** (1980) 298.
80-osbsco Osborn, A.G., Scott, D.W.: J. Chem. Thermodyn. **12** (1980) 429.
80-pelfer Pelino, M.A., Ferro, D., Piacente, V.: Thermochim. Acta **41** (1980) 297.
80-rot Rothman, A.M.: J. Agric. Food Chem. **28** (1980) 1225.
80-urbgig Urbani, M., Gigli, R., Piacente, V.: J. Chem. Eng. Data **25** (1980) 97.
80-varpis Varushchenko, R.M., Pisarev, V.V., Kotel'nikova, T.A.: Zh. Fiz. Khim. **54** (1980) 2666.
80-wiekob Wieczorek, S.A., Kobayashi, R.: J. Chem. Eng. Data **25** (1980) 302.
81-amb Ambrose, D.: J. Chem. Thermodyn. **13** (1981) 1161.
81-ambell-1 Ambrose, D., Ellender, J.H.:J. Chem. Thermodyn. **13** (1981) 901.

81-dekvan De Kruif, C.G., Van Genderen, A.C.G., Bink, J.C.W.G., Oonk, H.A.J.: J. Chem. Thermodyn. **13** (1981) 457.

81-ditsko Ditsent, V.E., Skorokhodov, I.I., Zolotareva, M.N., Savuskina, V.I., Tabenko, B.M.: Zh. Prikl. Khim. (Leningrad) **54** (7) (1981) 1617.

81-edwpra-1 Edwards, D.R., Prausnitz, J.M.: J. Chem. Eng. Data **26** (1981) 121.

81-elvots Elvelt, A., Otsa, E., Kirss, H., Eisen, O.: Izv. Akad. Nauk Est. SSR **30** (1981) 53.

81-ferpia Ferro, D., Piacente, V., Pelino, M.A.: Rev. Roum. Chim. **26** (1981) 9.

81-hossco-1 Hossenlopp, I.A., Scott, D.W.: J. Chem. Thermodyn. **13** (1981) 423.

81-hossco-2 Hossenlopp, I.A., Scott, D.W.: J. Chem. Thermodyn. **13** (1981) 405.

81-karsun Kara, M., Sung, S., Klinzing, G.E., Chiang, S. H.: Fuel **60** (1981) 633.

81-majsvo Majer, V., Svoboda, V., Posta, A., Pick, J.: Collect. Czech. Chem. Commun. **46** (1981) 7.

81-varbul Varushchenko, R.M., Bulgakova, L.L., Mirzabekyanc, P.S., Makarov, K.N.: Zh. Fiz. Khim. **55** (1981) 2624.

81-wessim Westcott, G.H., Simon, C.G., Bildeman, T.F.: Environ. Sci. Technol. **15** (1981) 1375.

82-demfox-1 De Marco, R.A., Fox, W.B.: J. Org. Chem. **47** (19) (1982) 3372.

82-dobcul Dobbs, A.J., Cull, M.R.: Environ. Pollut., Ser. B **3** (1982) 289.

82-fregre Freche, P., Grenier-Loustalot, M. F.: J. Chromatogr. **238** (1982) 327.

82-kle Kletskii, A.V.: Kholod. Tekh. **59** (1982) 58.

82-joepsc Joensson, J.A., Pscheidl, H.: Z. Chem. **22** (1982) 105.

82-katwat Katayama, H., Watanabe, I.: J. Chem. Eng. Data **27** (1982) 91.

82-sivkob Sivaraman, A., Kobayashi, R.: J. Chem. Eng. Data **27** (1982) 264.

82-varpuc Varushchenko, R.M., Puchkov, S.S., Druzhinina, A.I.: Zh. Fiz. Khim. **56** (1982) 2934

82-varsap Varushchenko, A.A., Sapteyeva, T.I., Slivkin, L.G., Garmakhov, V., Rudakov, G.A.: Zh. Prikl. Khim. **55** (1982) 448.

83-dewvan De Wit, H.G.M., van Miltenburg, J.C., De Kruif, C.G.: J. Chem. Thermodyn. **15** (1983) 651.

83-elvkuu Elvelt, A., Kuus, M., Kudryavtseva, L.S.: Eesti NSV Tead. Akad. Toim., Keem. **32** (3) (1983) 176.

83-ferimp Ferro, D., Imperatori, P., Quagliata, C.: J. Chem. Eng. Data **28** (1983) 242.

83-ferpia Ferro, D., Piacente, V., Scardala, P.: Thermochim. Acta **68** (1983) 329.

83-ferqua Ferro, D., Quagliata, C.: Thermochim. Acta **60** (1983) 211.

83-gajgel Gajda, S., Geller, V.Z., Zaporozhan, G.V.: Izv. Vyssh. Uchebn. Zaved., Energ. **10** (1983) 114.

83-mutmun Muthu, O., Munjal, S., Smith, B.D.: J. Chem. Eng. Data **28** (1983) 192.

83-offdek Offringa, J.C.A., De Kruif, C.G., Van Ekeren, P.J., Jacobs, M.H.G.: J. Chem. Thermodyn. **15** (1983) 681.

83-sivkob Sivaraman, A., Kobayashi, R.: J. Chem. Thermodyn. **15** (1983) 1127.

83-sonzol Sonnefeld, W.T., Zoller, W.H., May, W.E.: Anal. Chem. **55** (1983) 275.

83-vanjac Van Ekeren, P.J., Jacobs, M.H.G., Offringa, J.C.A., De Kruif, C.G.: J. Chem. Thermodyn. **15** (1983) 409.

83-wasmil Wasik, S.P., Miller, M.M., Tewari, Y.B., May, W.E., Sonnefeld, N.J., DeVoe, H., Zollner, W.H.: Residue Rev. **85** (1983) 29.

84-barbae Barkacin, A.A., Baev, A.K.: Vesci Akad. Navuk, BSSR, Ser. Khim. Navuk **3** (1984) 64.

84-bil-1 Bildeman, T.F.: Anal. Chem. **56** (1984) 2490.

84-bouoon Bouwstra, J.A., Oonk, H.A.J., Blok, J.G., De Kruif, C.G.: J. Chem. Thermodyn. **16** (1984) 403.

84-burarm Burkhard, L.P., Armstrong, D.E., Andren, A.W.: J. Chem. Eng. Data **29** (1984) 248.

84-dykrep Dykyi, J., Repas, M., Svoboda, J.: Saturated Vapor Pressure of Organic Compounds, Bratislava, Czech.: Slovakian Academy of Science, 1984

84-flabec Flamm-Ter, M.A., Beckhaus, H.D., Ruchardt, C.: Thermochim. Acta **80** (1984) 81.

84-kathar Katayama, H., Harada, Y.: J. Chem. Eng. Data **29** (1984) 373.

84-kuhmom Kuhn, W., Mommack, P., Leiderer, M., Gerhardt, W., Zichter, W.: Chemtronics **4** (3) (1984) 224.

84-mou Mousa, A.H.N.: J. Fluorine Chem. **25** (1984) 165.

84-shckap-2 Shcherbina, A.E., Kaporovsky, L.M., Shcherbina, E.I.: Zh. Prikl. Khim. (Leningrad) **57** (1984) 1910.

85-burand Burkhard, L. P., Armstrong, D.E., Andren, A.W.: Environ. Sci. Technol. **19** (1985) 500.

85-forbil Foreman, W.T., Bildeman, T.F.: J. Chromatogr. **330** (1985) 203.

85-haneck Hansen, P.C., Eckert, C.A.: J. Chem. Eng. Data **31** (1985) 1.

85-howswi Howat, C.S., Swift, G.W.: J. Chem. Eng. Data **30** (1985) 281.

85-mou Mousa, A.H.N.: J. Fluorine Chem. **30** (1985) 29.

85-pasvar Pashchenko, L.L., Varushchenko, R.M.: Zh. Obshch. Khim. **55** (1985) 721.

86-eiselv Eisen, O., Elvelt, A., Kudryavtseva, L., Kirss, H., Ivanov, A.: Fundamental Physicochemical Properties of Individual Isomers of Alkanes, Alkenes, Alkynes and Cycloalkenes, Tallin: Valgus, 1986.

86-elvkud Elvelt, A., Kudryavtseva, L., Kirss, H.: Eesti NSV Tead. Akad. Toim., Keem. **35** (1986) 280.

86-haneck Hansen, P.C., Eckert, C.A.: J. Chem. Eng. Data **31** (1986) 1.

86-inoara-1 Inomata, H., Arai, K., Saito, S.: J. Chem. Eng. Jpn. **19** (2) (1986) 145.

86-krelam Krevor, D.H., Lam, F.W., Prausnitz, J.M.: J. Chem. Eng. Data **31** (1986) 353.

86-kubtan Kubota, H., Tanaka, Y., Makita, T.: Thermophys. Prop. Proc., 1st Asian Thermophys. Conf., Beijing, April 21-24, 1986, p 528-533.

86-meymey Meyer, E.F., Meyer, J.J.: J. Chem. Eng. Data **31** (1986) 273.

86-nisand Nishida, K., Ando, Y., Sanagawa, S., Ogihara, A., Tanaka, I., Koukitsu, A.: J. Soc. Dyers Colour. **102** (1) (1986) 18.

86-satino Sato, N., Inomata, H., Arai, K., Saito, S.: J. Chem. Eng. Jpn. **19** (1986) 145.

86-var Varushchenko, R.M.: Zh. Fiz. Khim. **60** (1986) 291.

86-vardru Varushchenko, R.M., Druzhinina, A.I., Pashchenko, L.L.: 11 Vses. Konf. po Kalorimetrii i Khim. Thermodin.,Novosibirsk, 17-19 June, Tezisy Dokladov No. **3** (1986) 37.

87-daujal Daubert, T.E., Jalowka, J.W., Goren, V.: AIChE Symp. Ser. **83** (256) (1987) 128.

87-iglhol Iglesias-Silva, G.A., Holste, J.C., Eubank, P.T., Marsh, K.N., Hall, K.R.: AIChE J. **33** (1987) 1550.

87-jiazha Jiang, B., Zhang, J.: Tianjin Daxue Xuebao (3) (1987) 54.

87-stemal Stephenson, R.M., Malanowski, S.: Handbook of the Thermodynamics of Organic Compounds, New York: Elsevier, 1987.

87-trcsp Special Data Evaluation Project, Thermodynamics Research Center, Texas A&M University System, College Station, TX, 1987.

87-varlos Varushchenko, R.M., Loseva, O.L., Druzhinina, A.I.: Zh. Fiz. Khim. **61** (1987) 31.

87-varlos-2 Varushchenko, R.M., Loseva, O.L., Druzhinina, A.I.: Zh. Fiz. Khim. **61** (1987) 638.

88-ambghi-2 Ambrose, D., Ghiassee, N.B.: J. Chem. Thermodyn. **20** (1988) 1231.

88-bobmel Bobylev, B.N., Mel'nik, L.V., Ermel'ynov, A.O.: Zh. Prikl. Khim. **61** (1988) 1182.

88-davewi Davies, D.R., Ewing, M.B., Hughill, J.A., McGlashan, M.L.: Can. J. Chem. **66** (1988) 760.

88-elvvin Elvelt, A., Vink, I., Eisen, O.G.: Eesti NSV Tead. Akad. Toim., Keem. **37** (1988) 220.

88-jermis Jermel'yanov, A.O., Misheneva, I.I., Mel'nik, L.V., Bobylev, B.N.: Zh. Prikl. Khim. **61** (1988) 2756.

88-kirvin Kirss, H., Vink, I.: Eesti NSV Tead. Akad. Toim., Keem. **37** (1988) 118.

88-letsew Letcher, T.M., Sewry, J., Orchard, S.W.: J. Chem. Thermodyn. **20** (1988) 1115.

88-mesfin Messerly, J.F., Finke, H.L., Good, W.D., Gammon, B.E.: J. Chem. Thermodyn. **20** (1988) 485.

88-nieyes-1 Niesen, V.G., Yesavage, V.F.: J. Chem. Eng. Data **33** (1988) 253.

88-sasjos Sasse, K., Jose, J., Merlin, J.C.: Fluid Phase Equilib. **42** (1988) 287.

88-varlos Varushchenko, R.M., Loseva, O.L., Druzhinina, A.I., Zorina, E.F.: Zh. Fiz. Khim. **62** (1988) 1776.

89-baswil Basu, R.S., Wilson, D.P.: Int. J. Thermophys. **10** (1989) 591.

89-chihos Chirico, R.D., Hossenlopp, I.A., Nguyen, A., Steele, W.V., Gammon, B.E.: J. Chem. Thermodyn. **21** (1989) 179.

89-chikni Chirico, R.D., Knipmeyer, S.E., Nguyen, A., Steele, W.V.: J. Chem. Thermodyn. **21** (1989) 1307.

89-coljim Colomina, M., Jimenez, P., Roux, M.V., Turrion, C.: J. Chem. Thermodyn. **21** (1989) 275.

89-kirvin Kirss, H., Vink, I.: Eesti NSV Tead. Akad. Toim., Keem. **38** (1989) 185.

89-kudgri Kudryavtseva, L.S., Grinchak, M., Kirjanen, E., Balashova, I.M., Siimer, E.: Eesti NSV Tead. Akad. Toim., Keem. **38** (1989) 34.

89-piasat Piao, C.C., Sato, H., Watanabe, K.: ASHRAE Trans. **41** (1989) 132.

89-sakiwa Sakoguchi, A., Iwai, Y., Takenaka, J., Arai, Y.: Kagaku Kogaku Ronbunshu **15** (1989) 166.

89-sasngu Sasse, K., N'Guimbi, J., Jose, J., Merlin, J.C.: Thermochim. Acta **146** (1989) 53.

89-simgri Simer, E., Grintchak, M., Kuus, M., Kudryavtseva, L.: Thermochim. Acta **140** (1989) 49.

89-svoada Svoboda, V., Adamcova, Z., Kubes, V.: Collect. Czech. Chem. Commun. **54** (1989) 2868.

90-ambewi Ambrose, D., Ewing, M.B., Ghiassee, N.B., Sanchez Ochoa, J.C.: J. Chem. Thermodyn. **22** (1990) 589.

90-cabbel Cabezas, J.L., Beltran, S., Coca, J.: J. Chem. Eng. Data **35** (1990) 389.

90-gorzad Gorchakovskii, V.K., Zadov, V.E., Podvezennyi, V.N.: Inzh.-Fiz. Zh. **59** (1990) 122.

90-karkar Karaseva, N.V., Karavaeva, A.P., Antonova, T.N., Chabutkina, E.M., Koshel, G.N.: Zh. Prikl. Khim. (Leningrad) **63** (1990) 1856.

90-kudkir Kudryavtseva, L.S., Kirss, H., Kuranov, G.: Thermochim. Acta **157** (1990) 113.

90-sohoka Sohda, M., Okazaki, M., Iwai, Y., Arai, Y., Sakoguchi, A., Ueoka, R., Kato, Y.: J. Chem. Thermodyn. **22** (1990) 607.

90-web Weber, L.A.: J. Chem. Eng. Data **35** (1990) 237.

91-ewigoo Ewing, M.B., Goodwin, A.R.H.: J. Chem. Thermodyn. **23** (1991) 1163.

91-jermel Jermel'yanov, A.O., Mel'nik, L.V., Bobylev, B.N.: Zh. Prikl. Chim. **64** (1991) 1700.

91-maesat-1 Maezawa, Y., Sato, H., Watanabe, K.: J. Chem. Eng. Data **36** (1991) 151.

91-piasat Piao, C.C., Sato, H., Watanabe, K.: J. Chem. Eng. Data **36** (1991) 398.

92-ewigoo Ewing, M.B., Goodwin, A.R.H.: J. Chem. Thermodyn. **24** (1992) 301.

92-leedem Lee, C.H., Dempsey, D.M., Mohamed, R.S., Holder, G.D.: J. Chem. Eng. Data **37** (1992) 183.

92-takkus Takagi, T., Kusunoki, M., Hongo, M.: J. Chem. Eng. Data **37** (1992) 39.

92-tamsat Tamatsu, T., Sato, H., Watanabe, K.: J. Chem. Eng. Data **37** (1992) 216.

93-ror Rordorf, B.F.: Private communication, 1993.