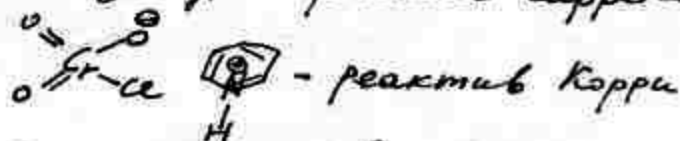
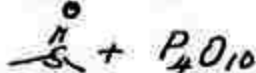


Ретрон


$$R-\overset{\overset{O}{\parallel}}{C}-R' \Rightarrow R-\overset{\overset{OH}{|}}{CH}-R' + X$$

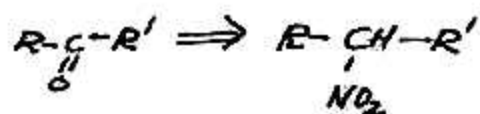
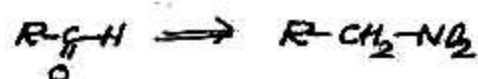
$\text{CrO}_3 + \text{Py} - \text{реагент Саврета}$


$$\text{CrO}_3 + \text{H}_2\text{O} + \text{H}_2\text{SO}_4 + \text{O} \rightleftharpoons \text{H}_2\text{Cr}_2\text{O}_7 \rightleftharpoons \text{H}_2\text{CrO}_4 \text{ реактив Дрочен}$$


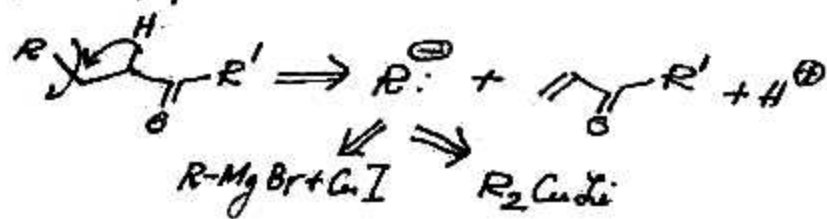
- Бесс-Мартин

$$\text{CH}_3\text{C}(=\text{O})\text{CH}_2\text{R} \rightleftharpoons \text{CH}_3\text{C}(=\text{O})\text{CH}(\text{R})\text{C}(=\text{O})\text{OEt} \rightleftharpoons \text{CH}_3\text{C}(=\text{O})\text{CH}^-\text{C}(=\text{O})\text{OEt} + \text{R}^+$$
$$\text{CH}_3\text{C}(=\text{O})\text{CH}_2\text{R} \Rightarrow \equiv\text{CH}-\text{CH}_2\text{R} + \text{H}_2\text{O}$$

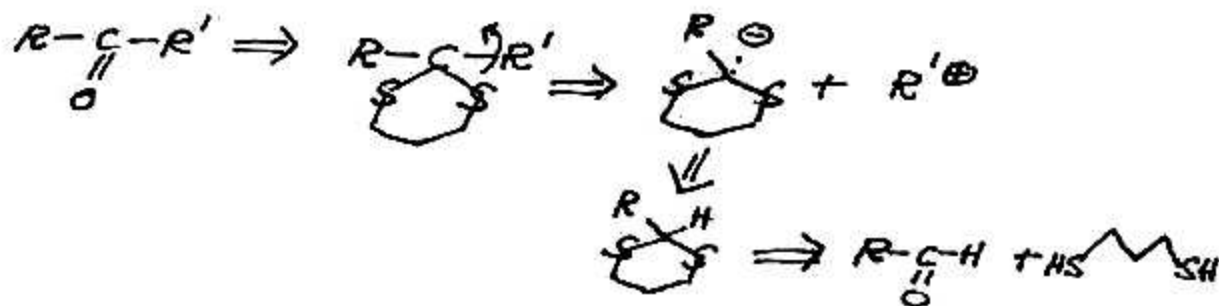
4. Трансформация Нейфа



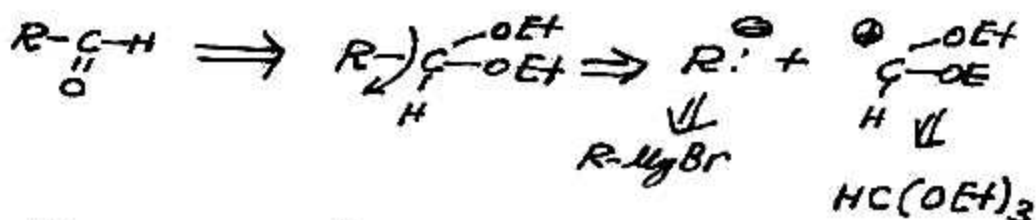
5. Трансформация Михаэлиса



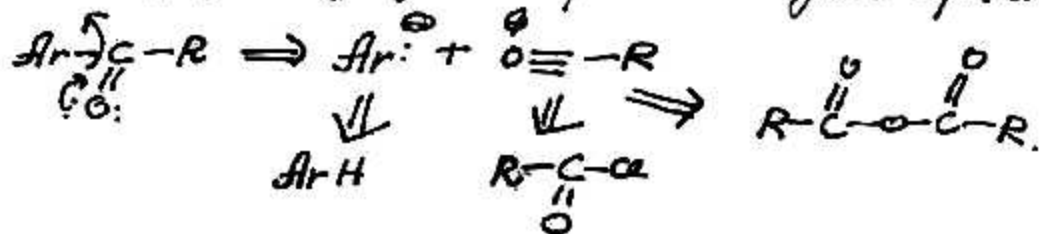
6. Трансформация Зейтца



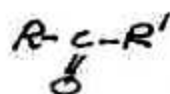
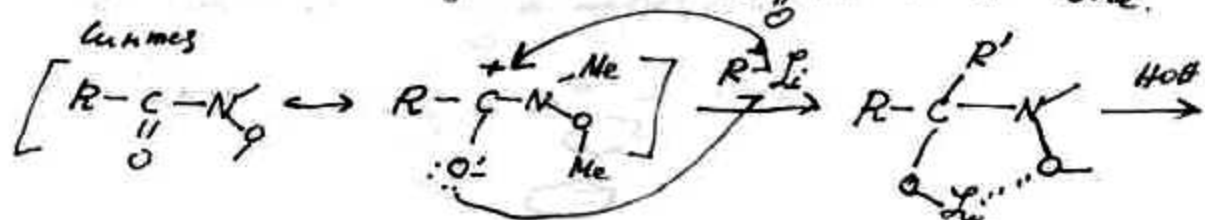
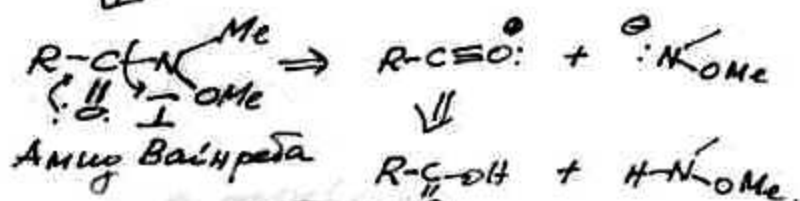
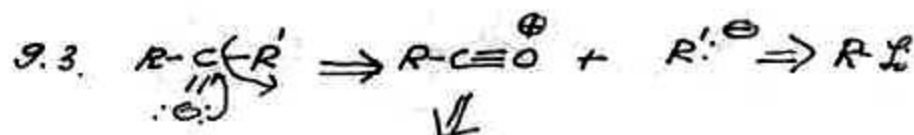
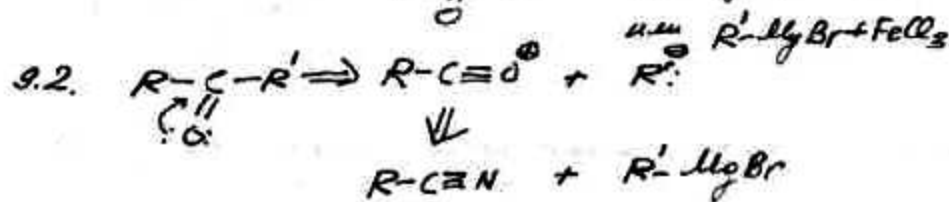
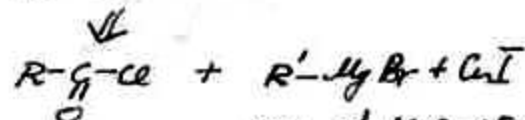
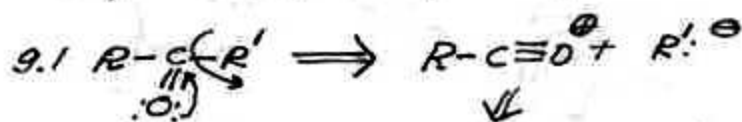
7. Трансформация Бодру-Чичибабина



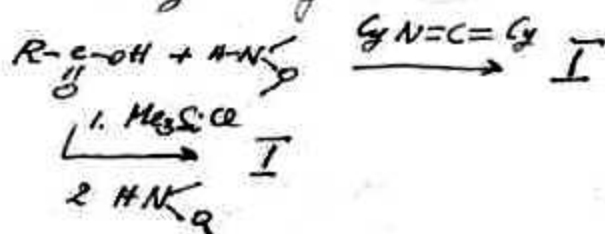
8. Трансформация Фриделя-Крафтва для арилкетонів



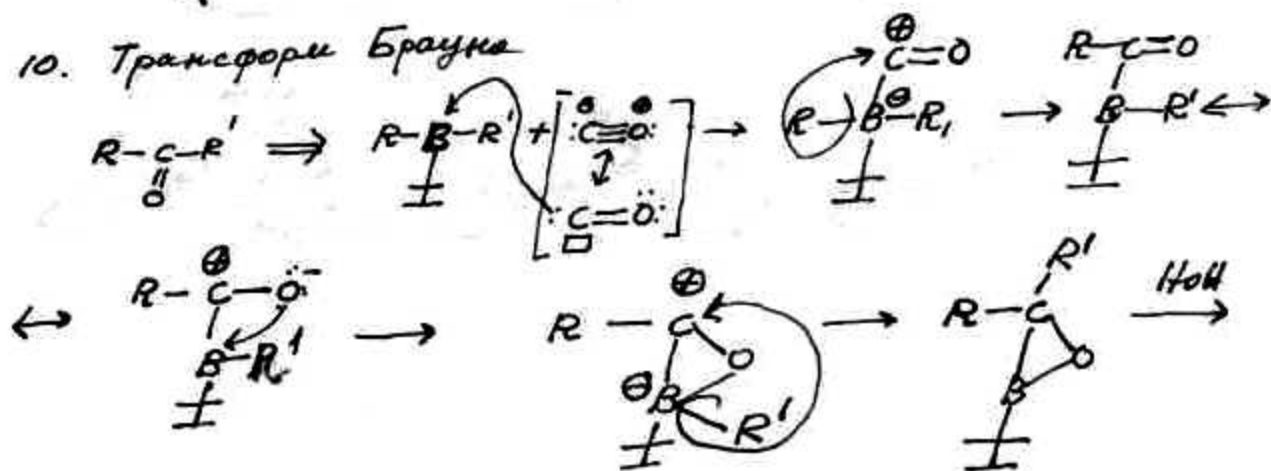
9. Трансформации Гриньяра

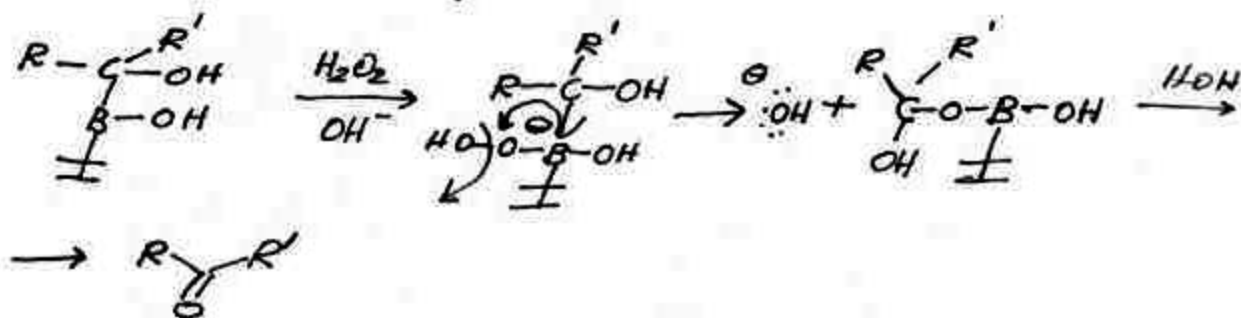


Синтез амина Байнреда

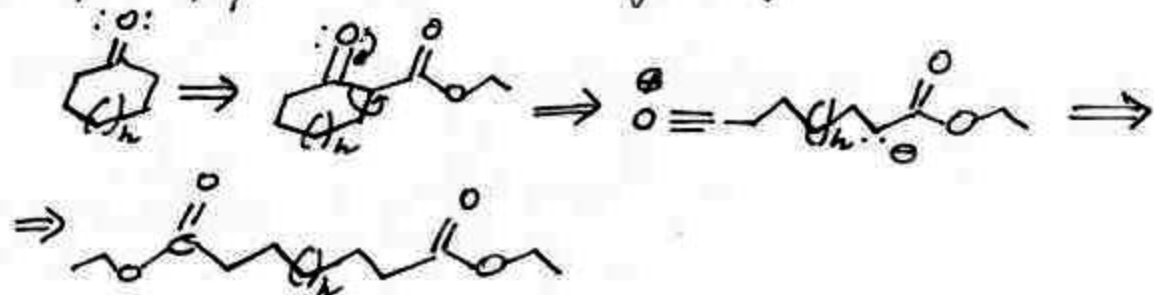


10. Трансформации Брауна

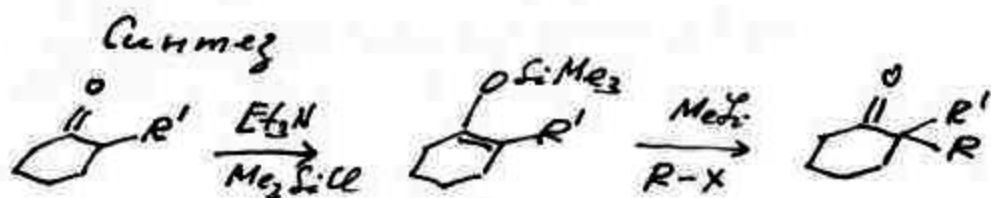
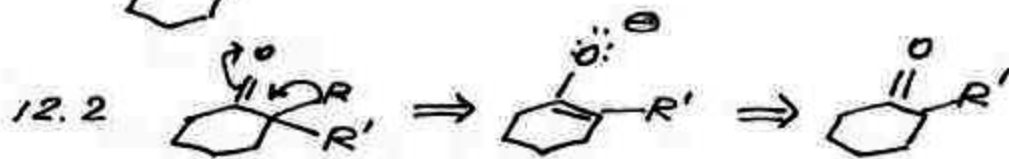
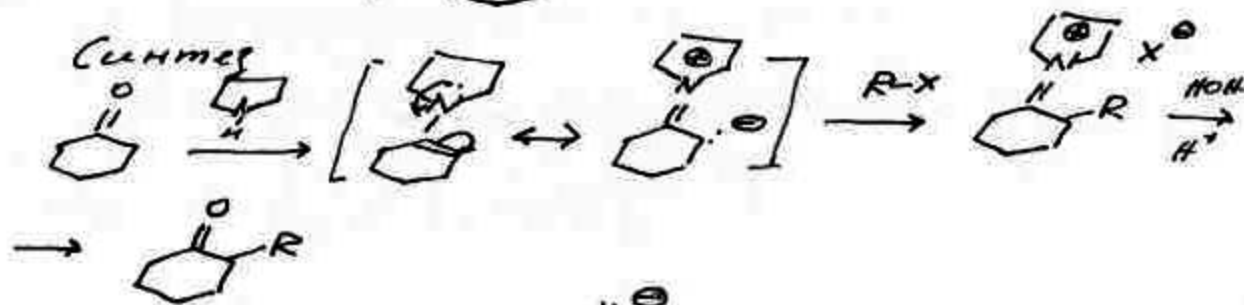


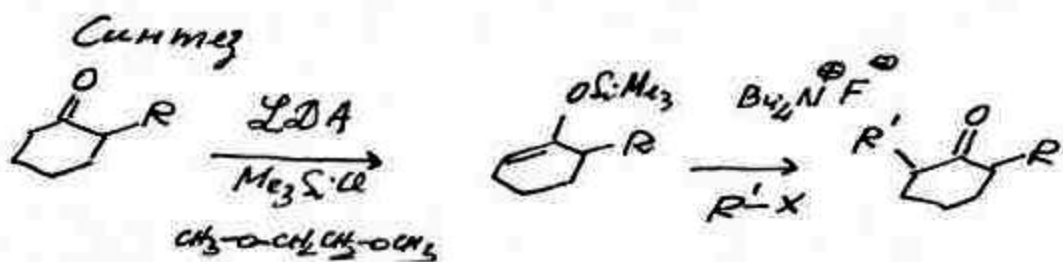


11. Трансформация Дикмана для циклических кетонов

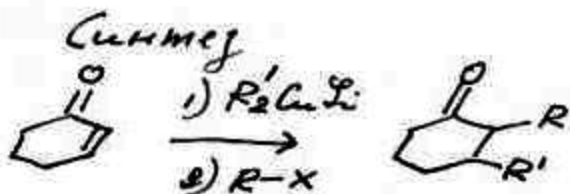
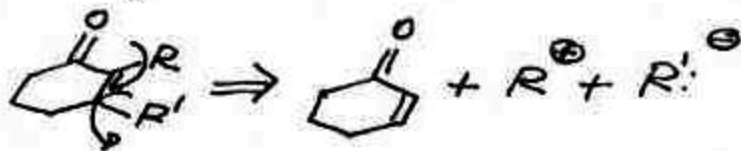


12. Трансформация алкилирования

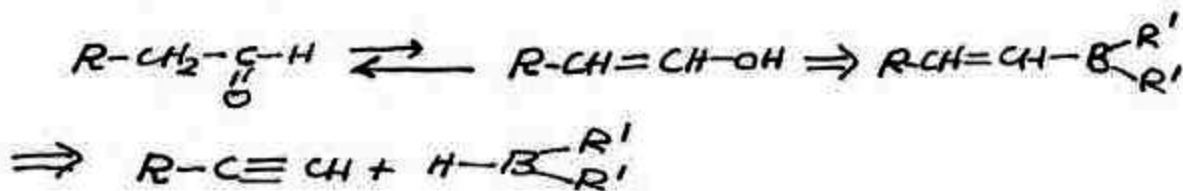




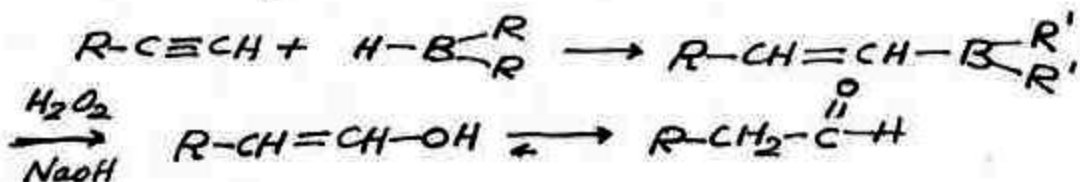
13. Трансформ тангем Михаэль + алкилирование



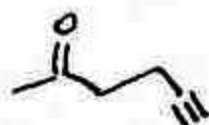
14. Трансформ Брауна для альдегидов



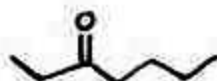
Синтез



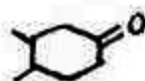
Задачи



1.



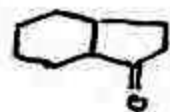
2.



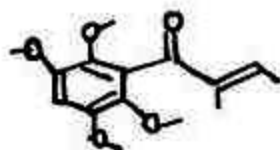
3



4



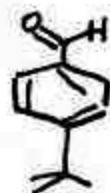
5



6

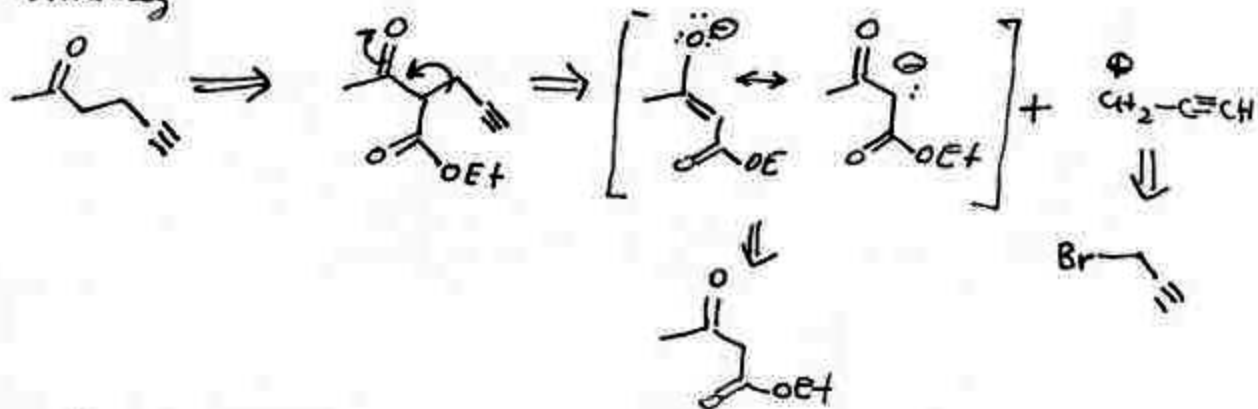


7.

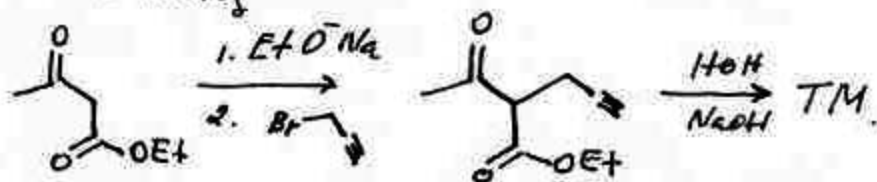


8

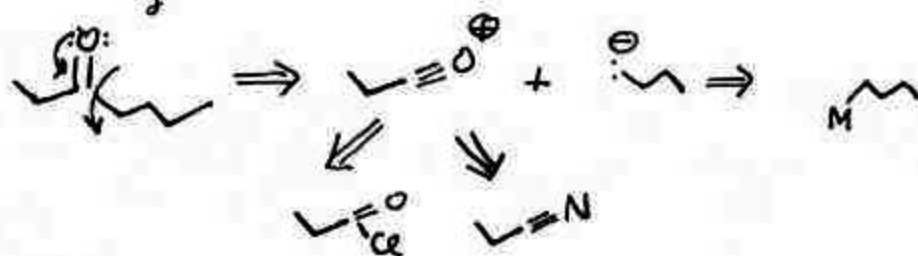
1. Анализ



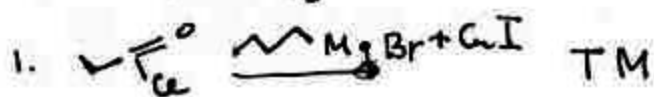
Синтез



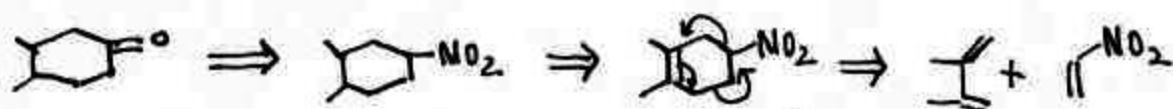
2. Анализ



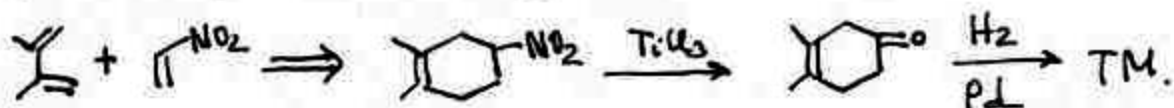
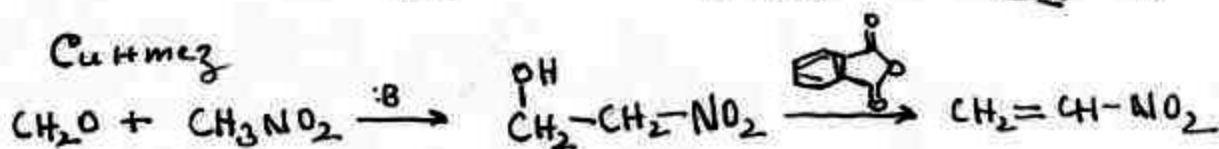
Синтез



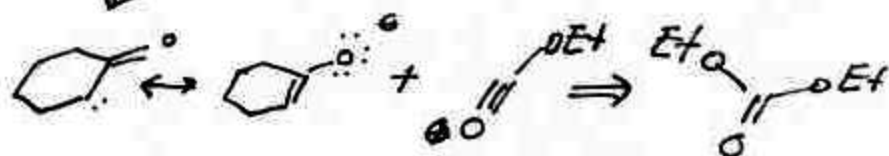
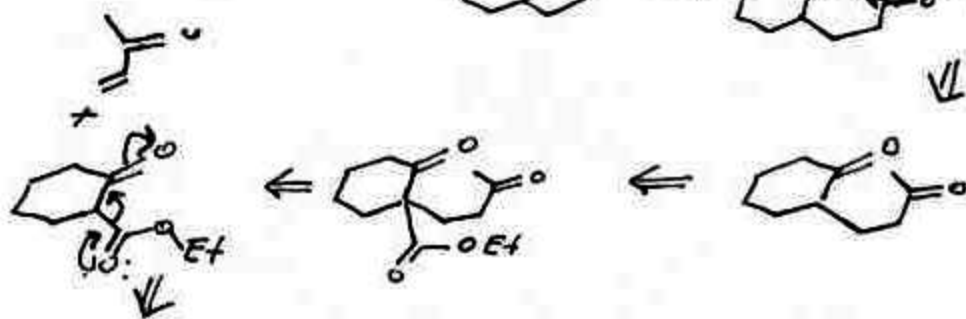
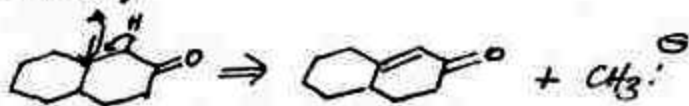
3. Анализ



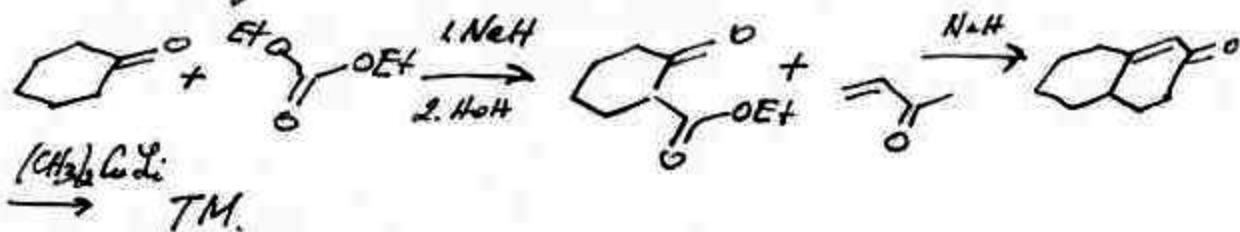
Синтез



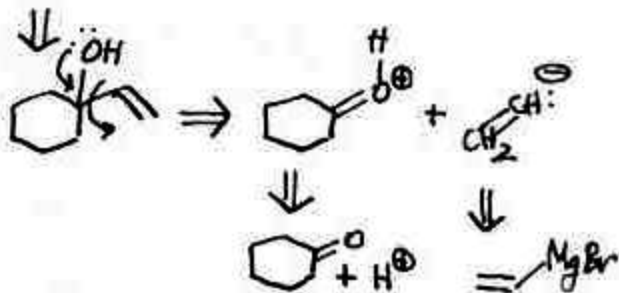
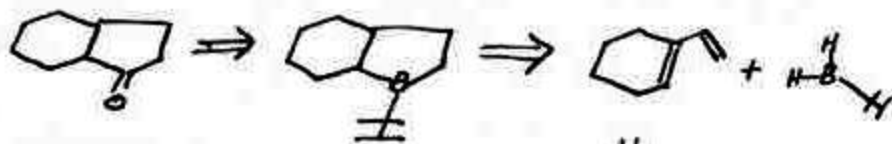
4. Анализ



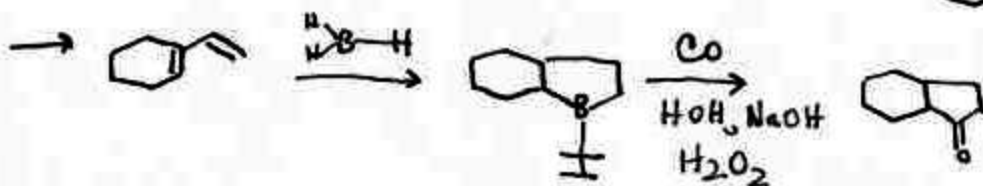
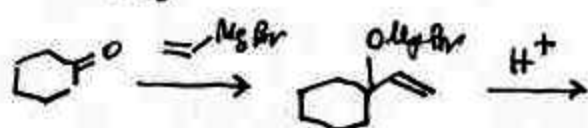
Синтез



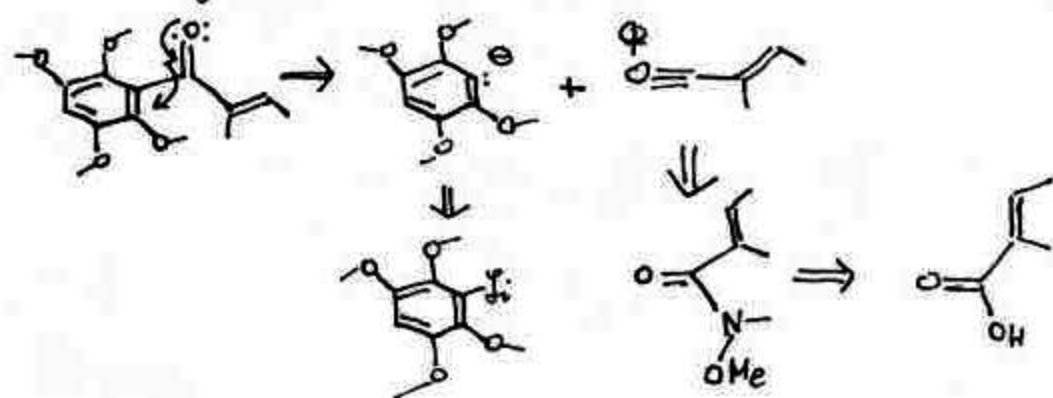
5. Анализ



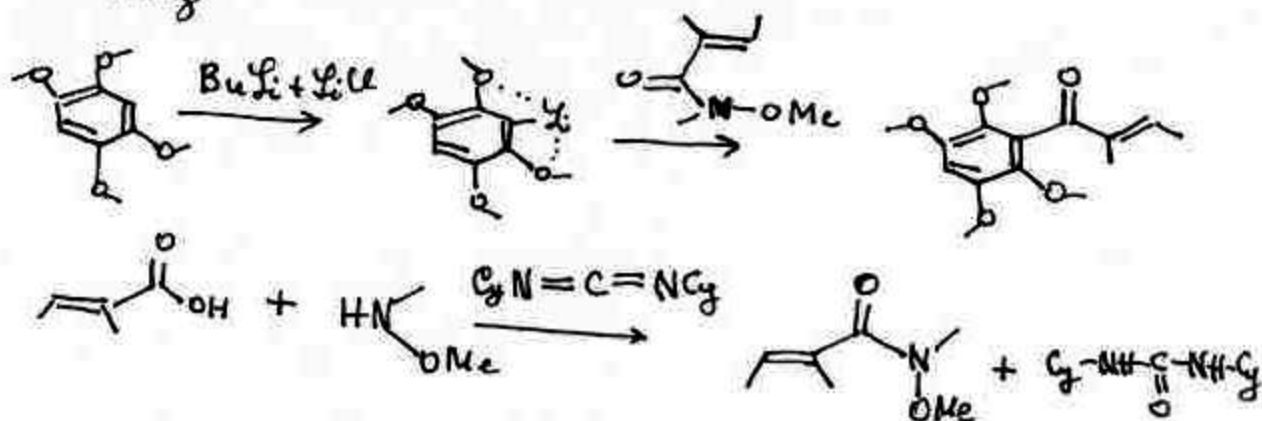
Синтез



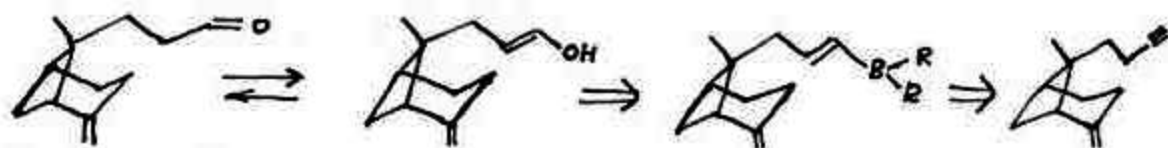
6. Анализ



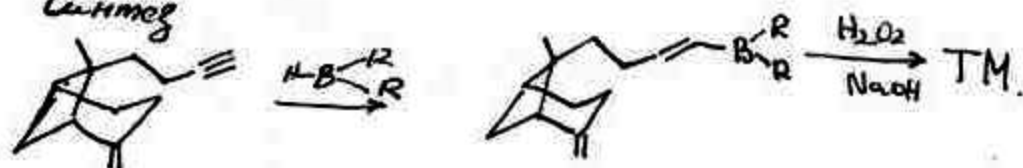
Синтез



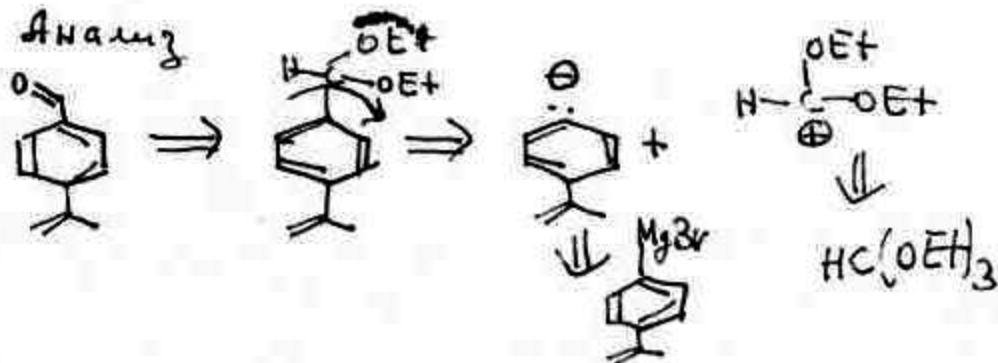
7. Анализ

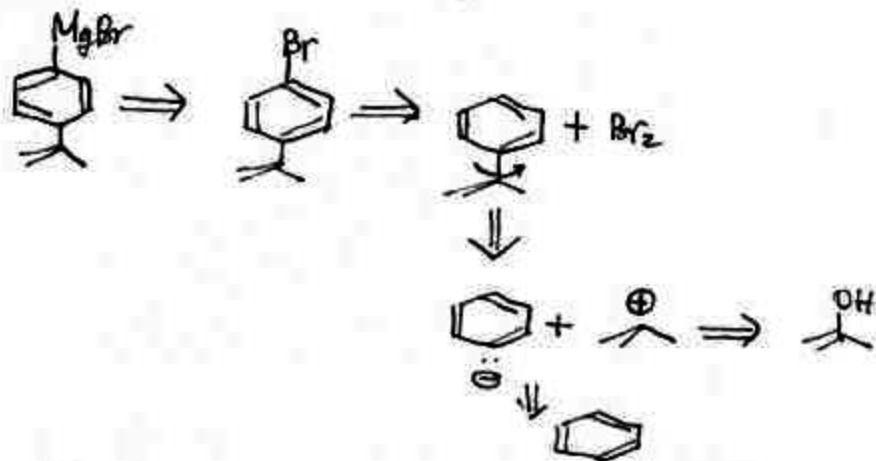


Синтез



8. Анализ





Синтез

