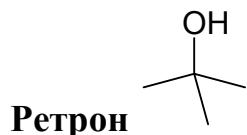
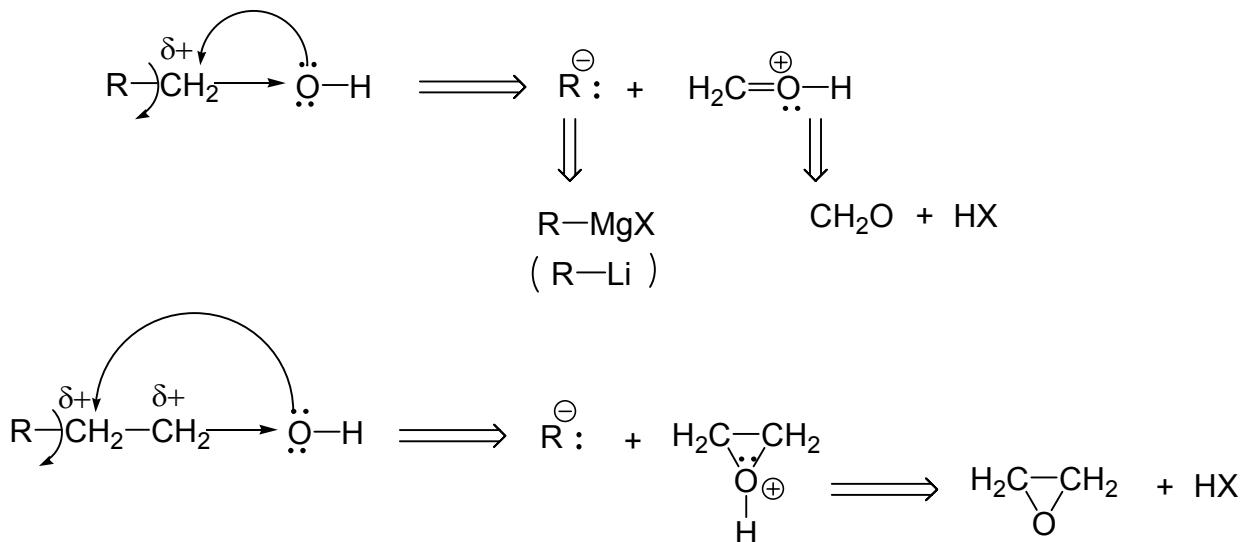


Лекция №4

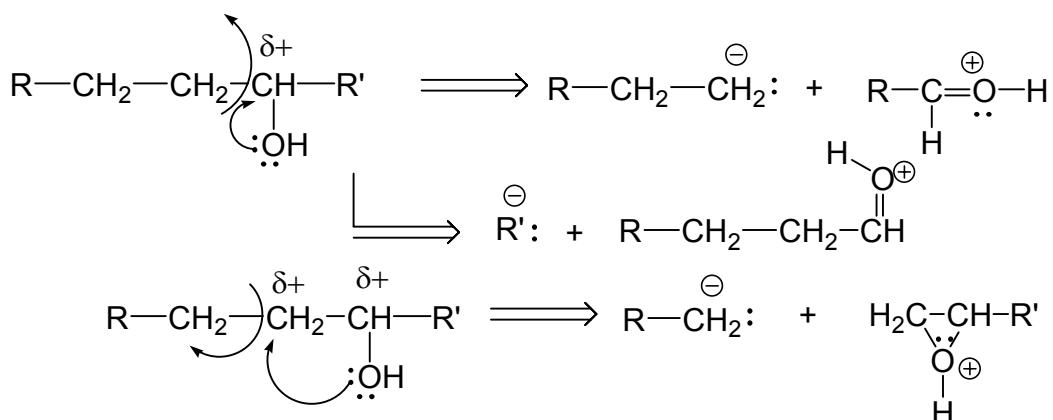


1. Трансформ Гринъяра

а. Первичные спирты

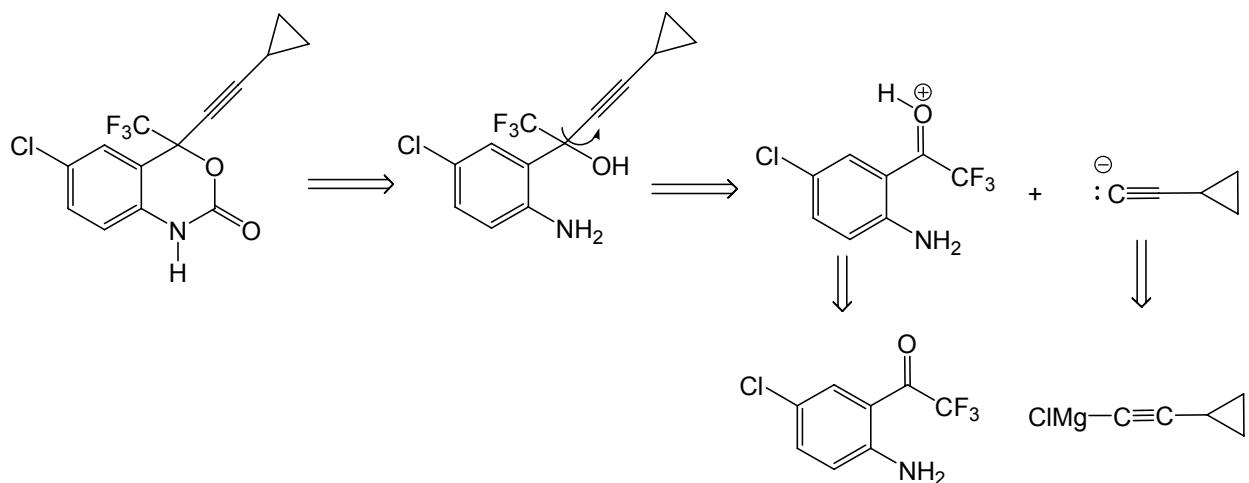


b. Вторичные спирты

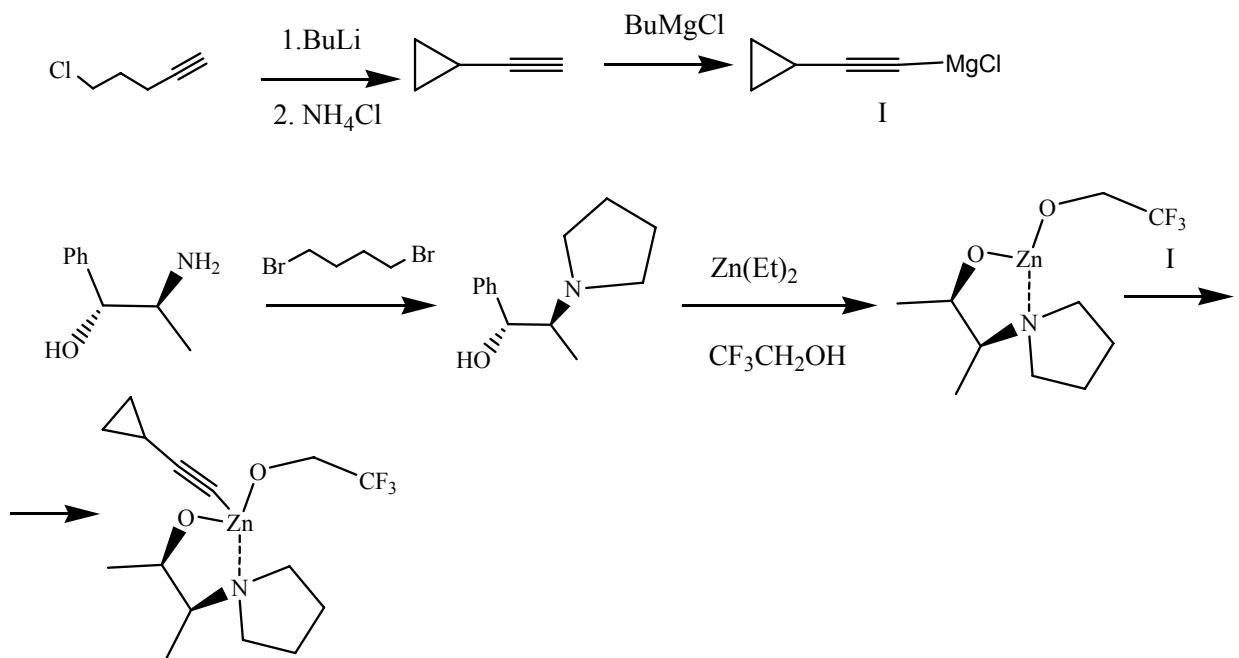


2. Проблема энантиоселективности.

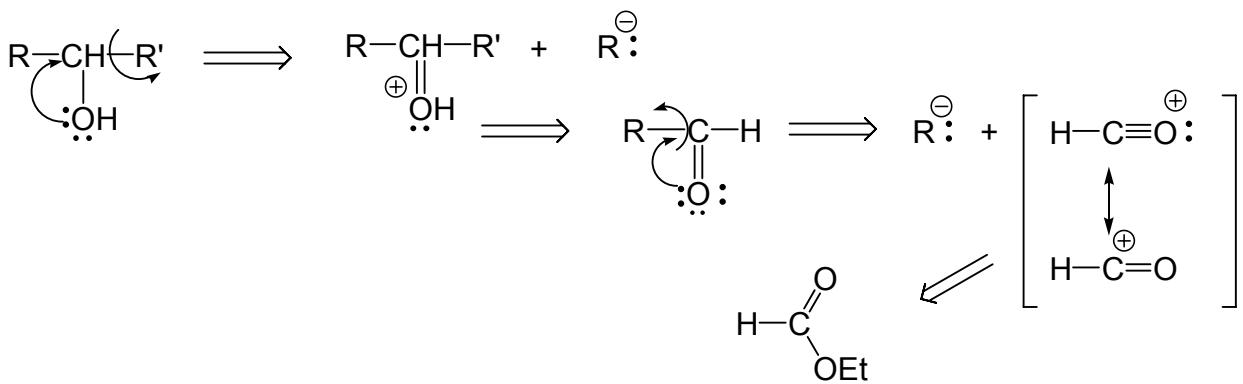
Анализ



Синтез

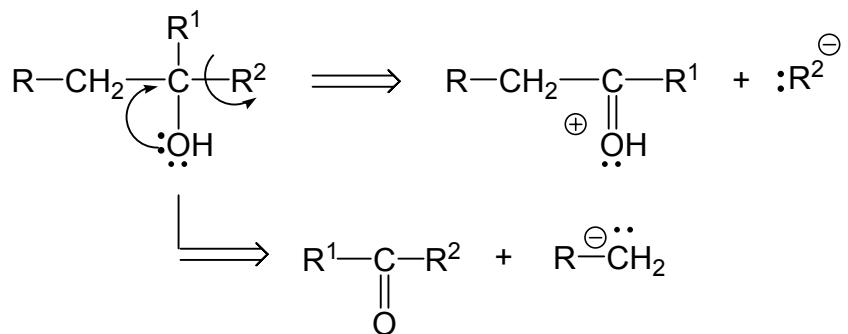


3. Если R=R'

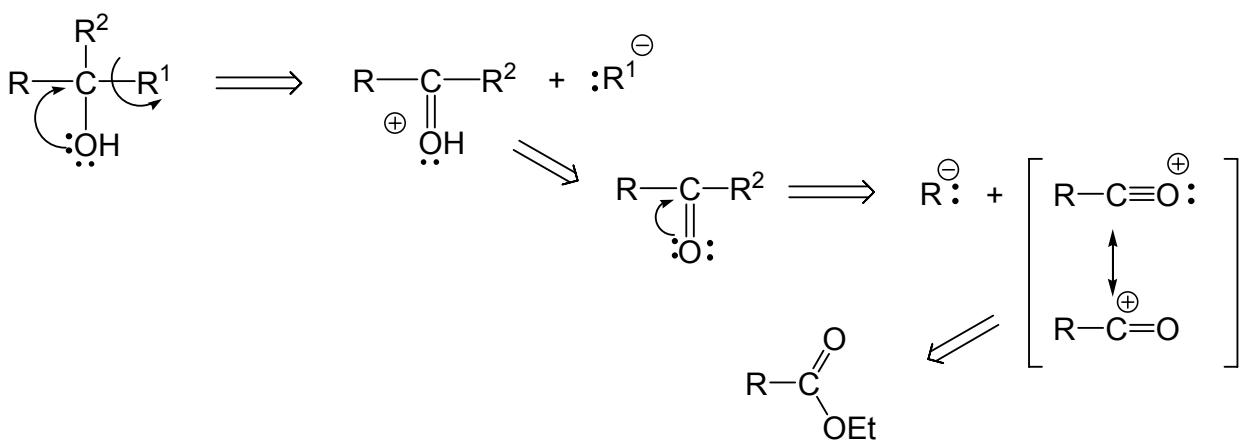


1. Третичные спирты

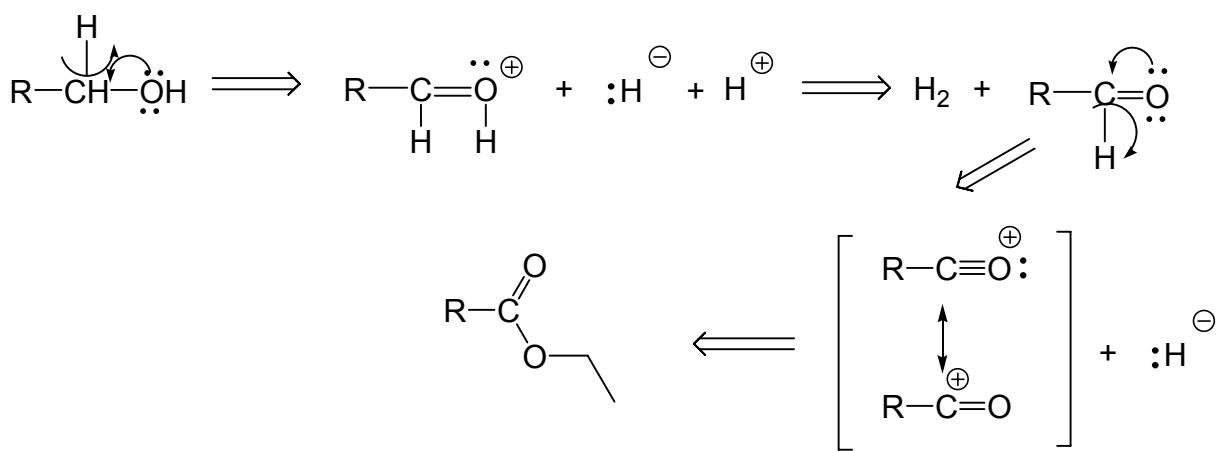
1.1.



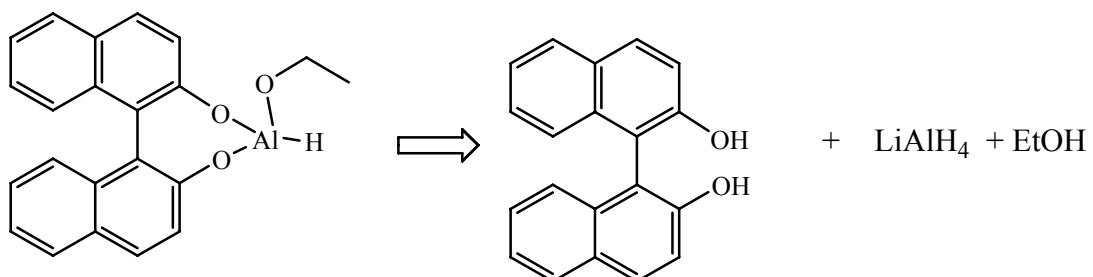
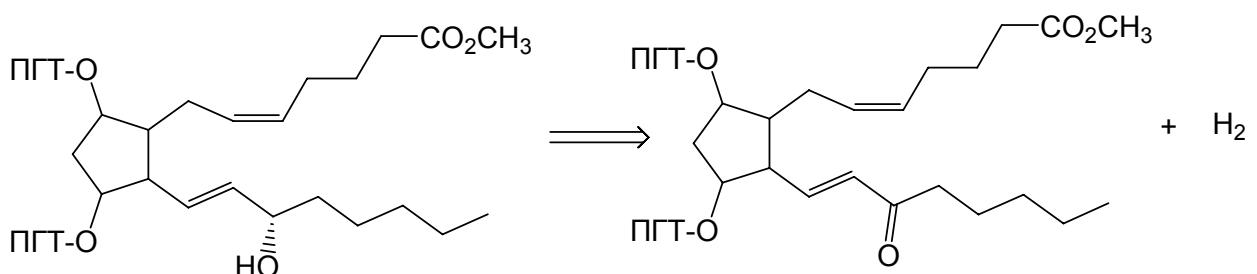
1.2. Если $R=R'=R^2$



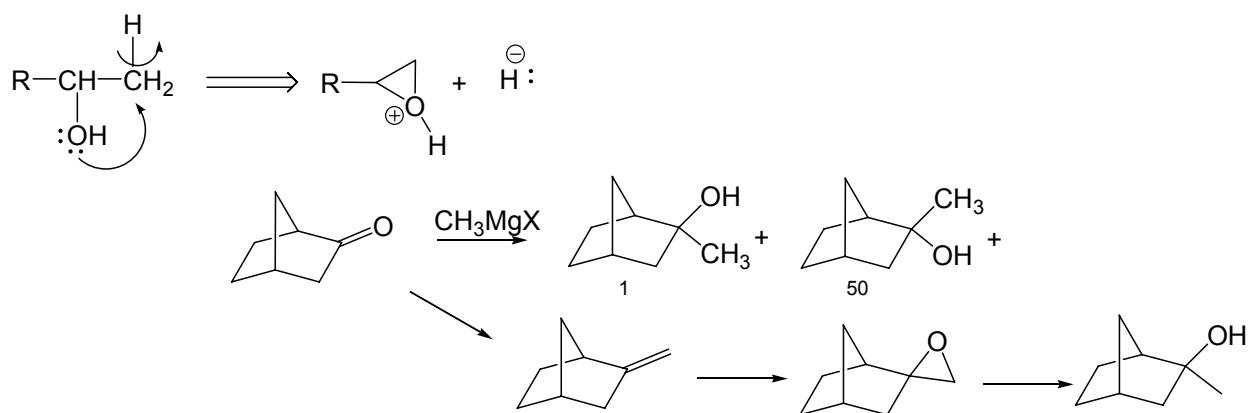
2. Трансформ гидрирования



Проблема энантиоселективности

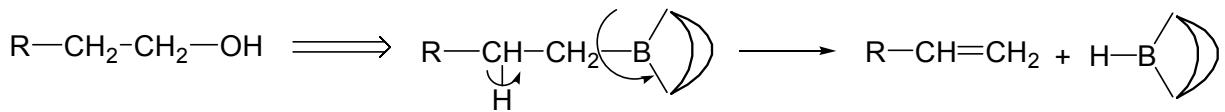


2.1.

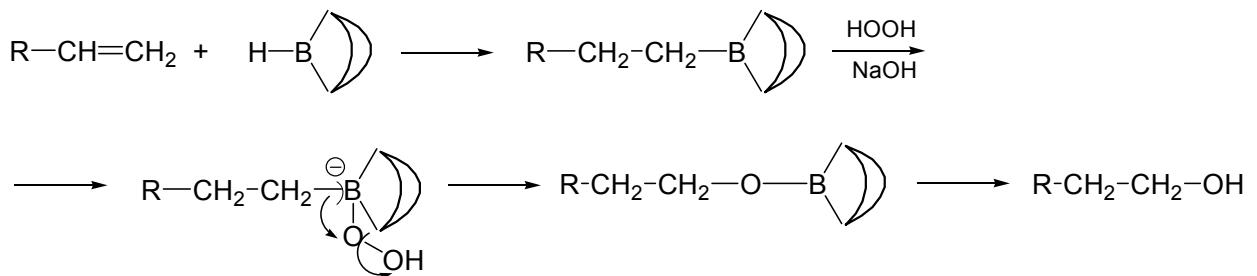


3. Трансформ гидратация

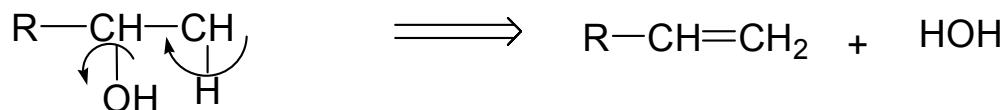
Первичные спирты



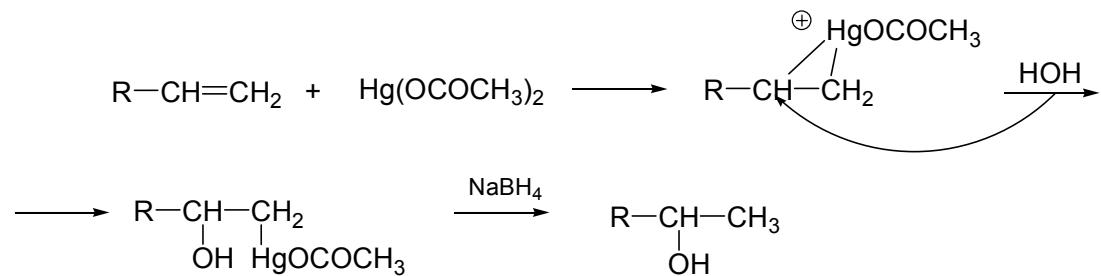
Синтез



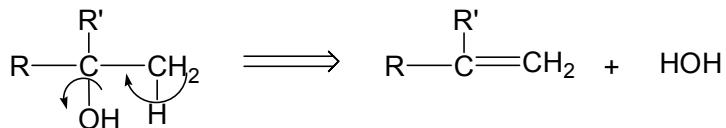
Вторичные спирты



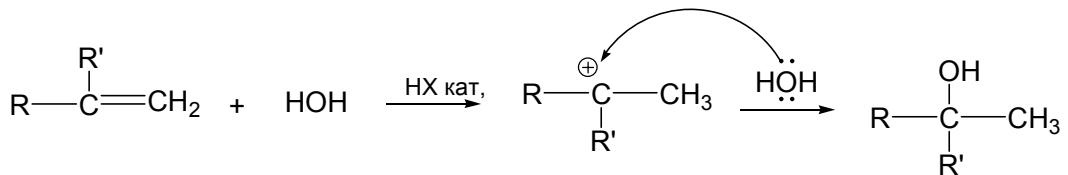
Синтез



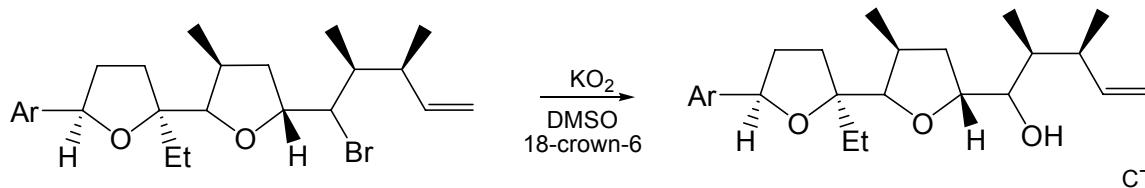
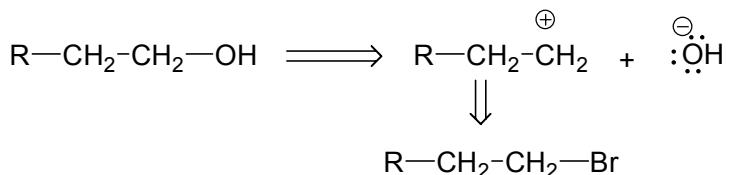
Третичные спирты



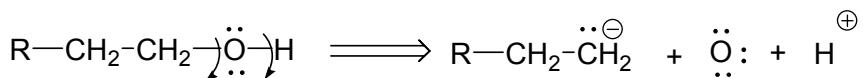
Синтез



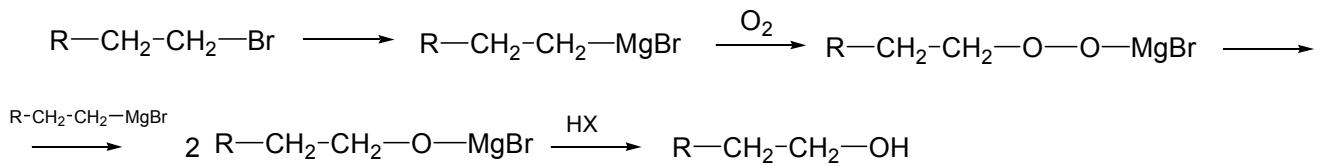
4. Трансформ гидролиза



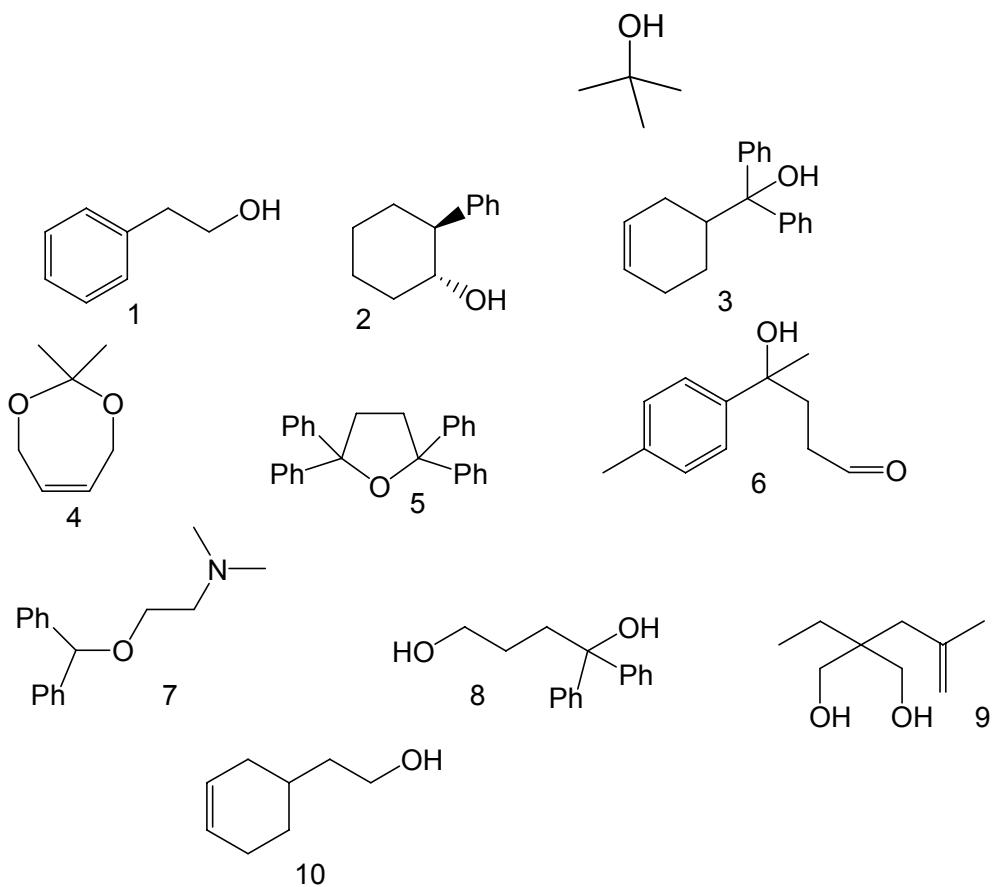
5. Трансформ Гриньяра



Синтез

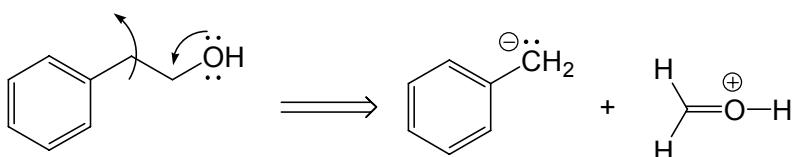


Задачи по теме

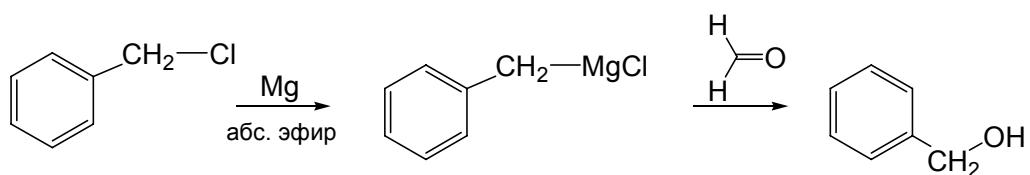


Ответы

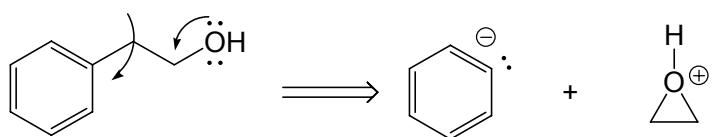
1. Анализ1



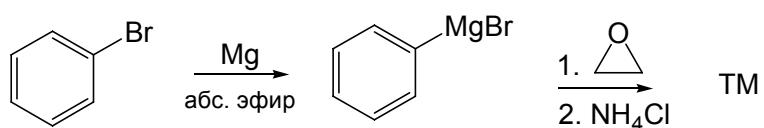
Синтез



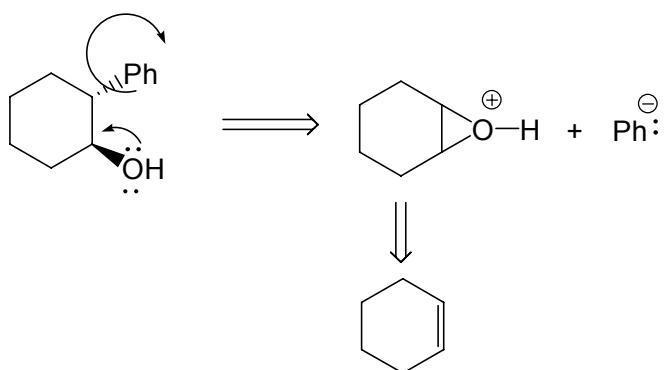
Анализ 2



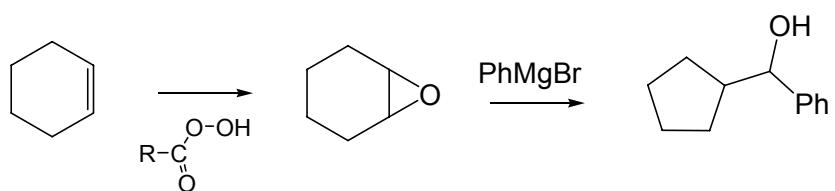
Синтез



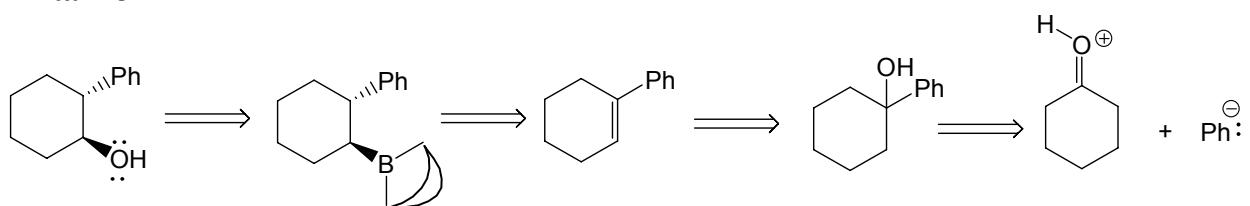
2. Анализ 1



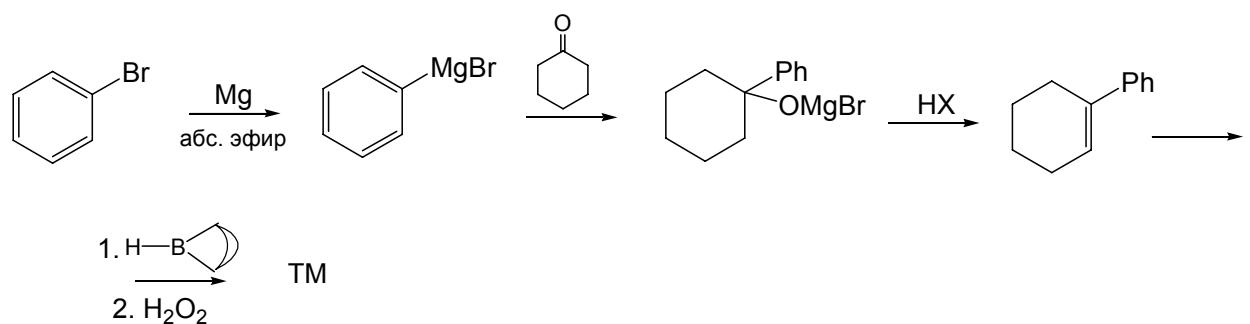
Синтез



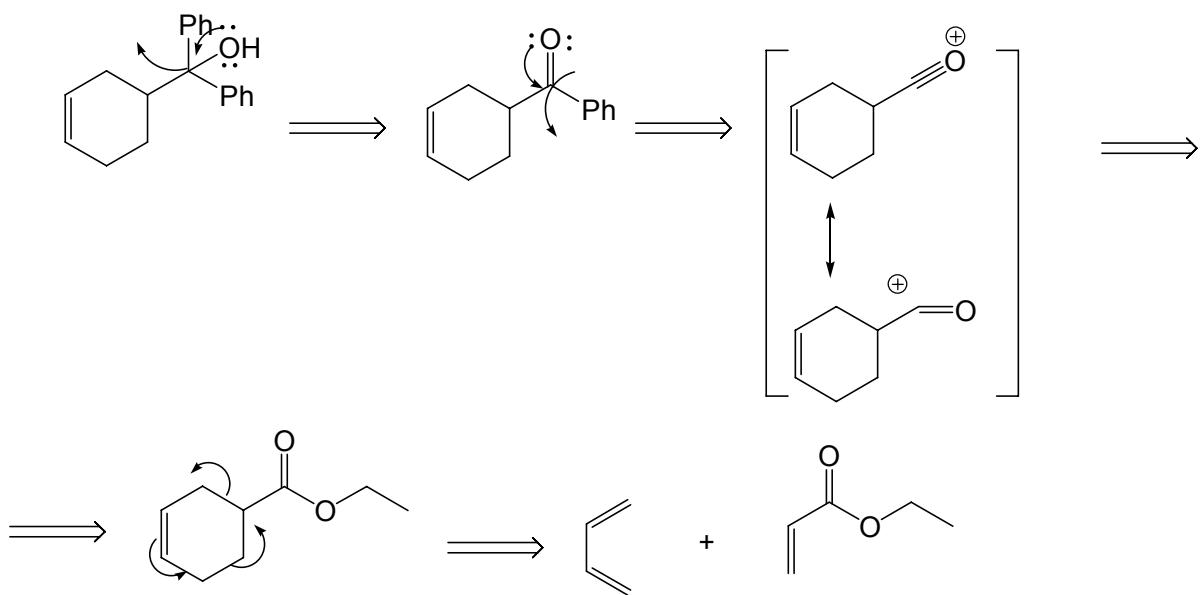
Анализ 2



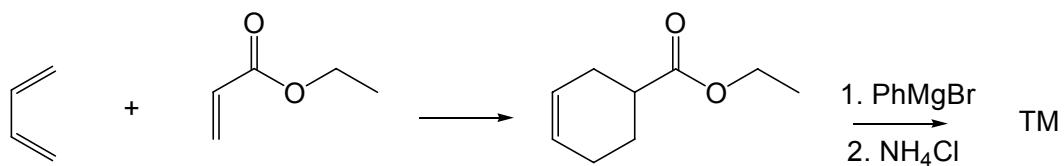
Синтез



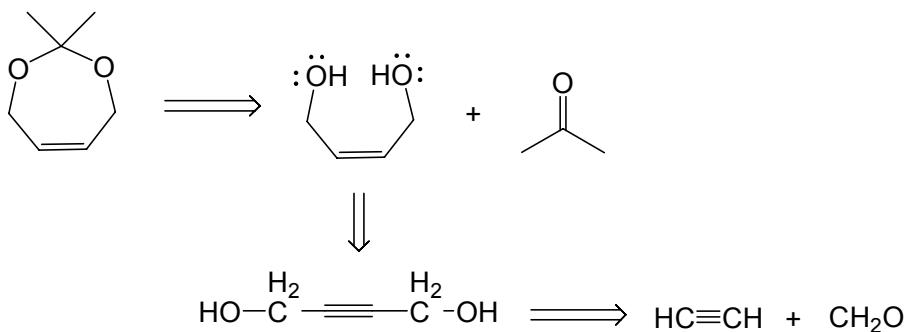
3. Анализ



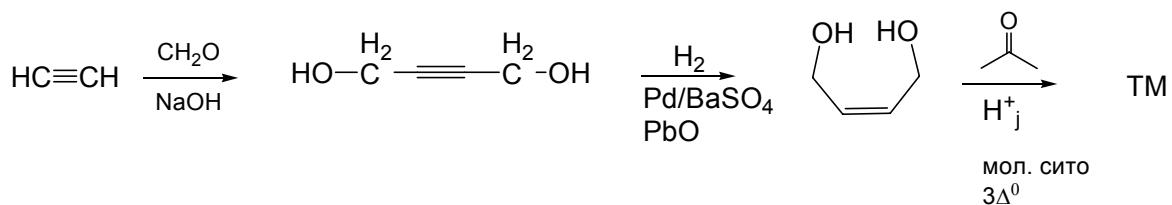
Синтез



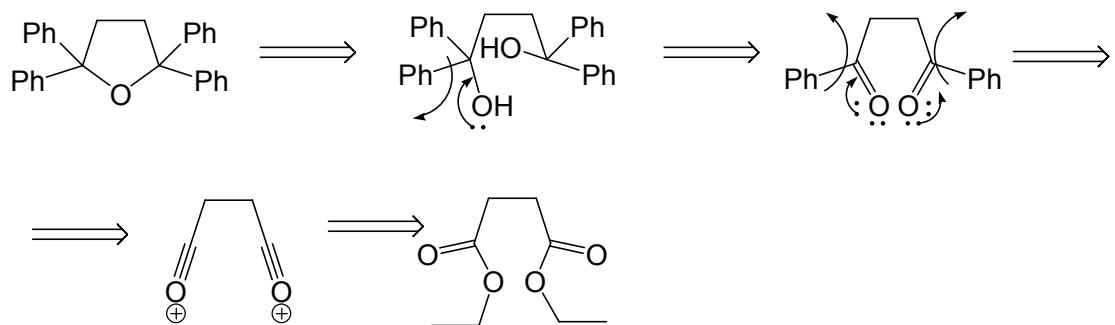
4. Анализ



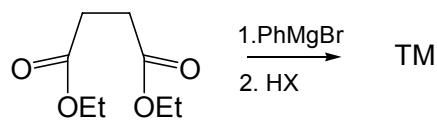
Синтез



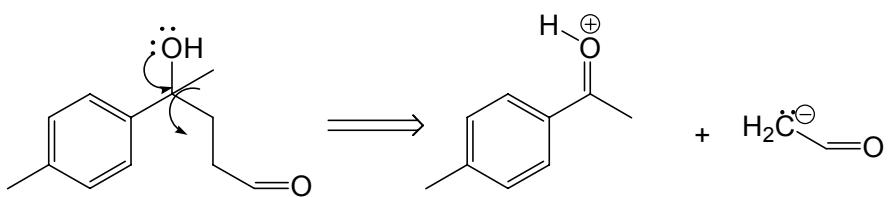
5. Анализ



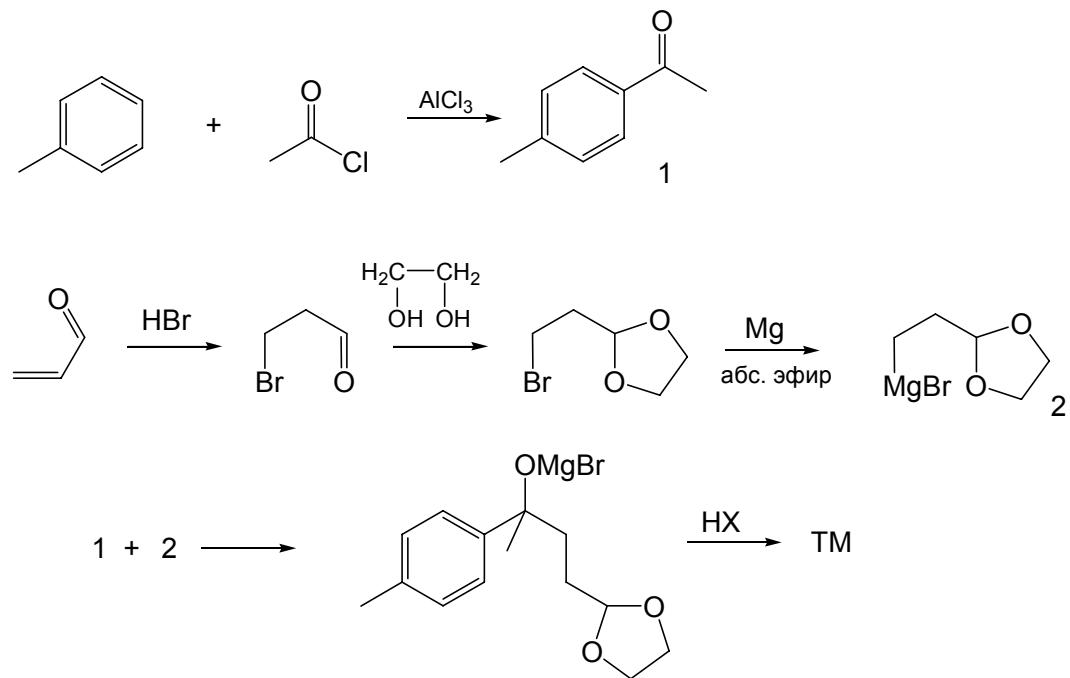
Синтез



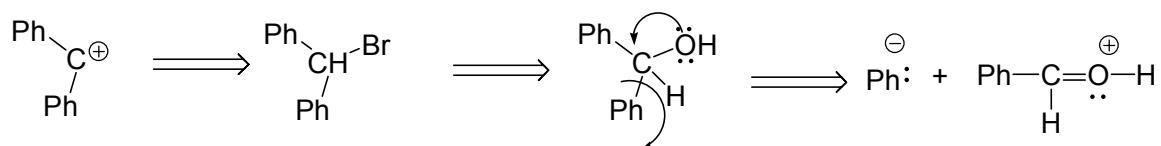
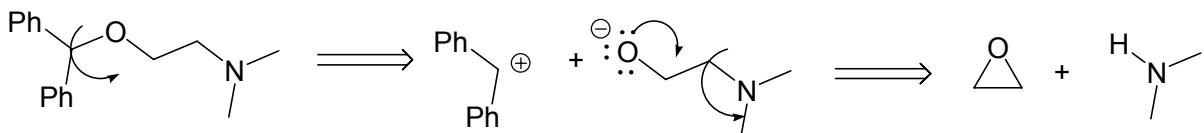
6. Анализ



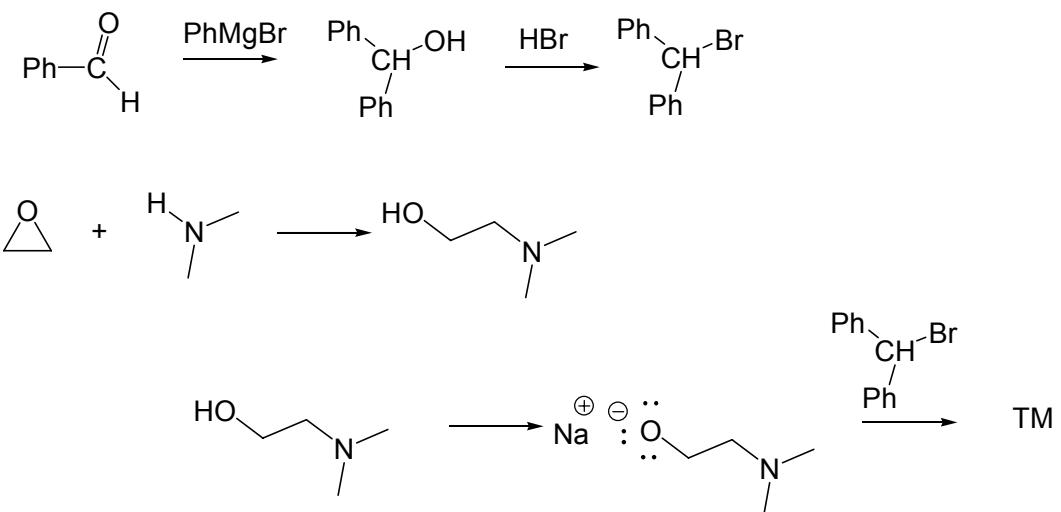
Синтез



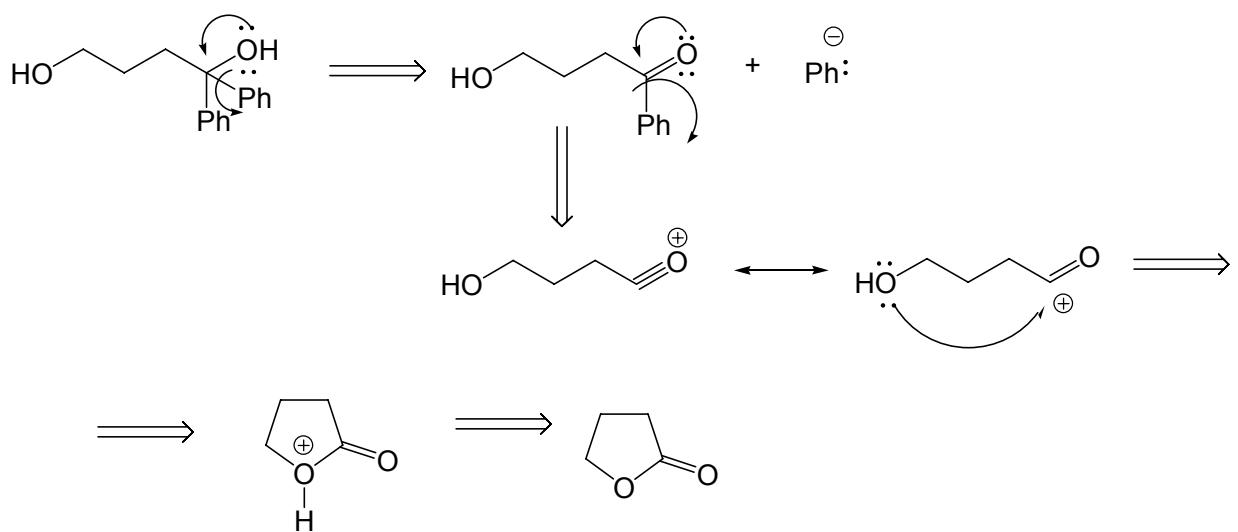
7. Анализ



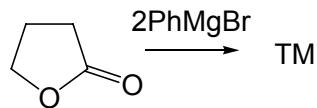
Синтез



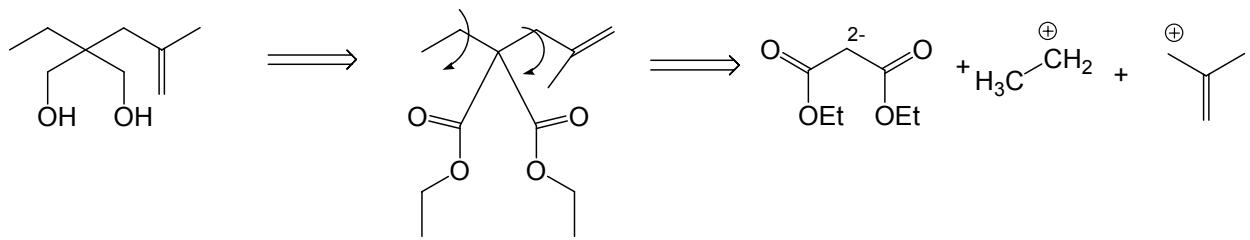
8. Анализ



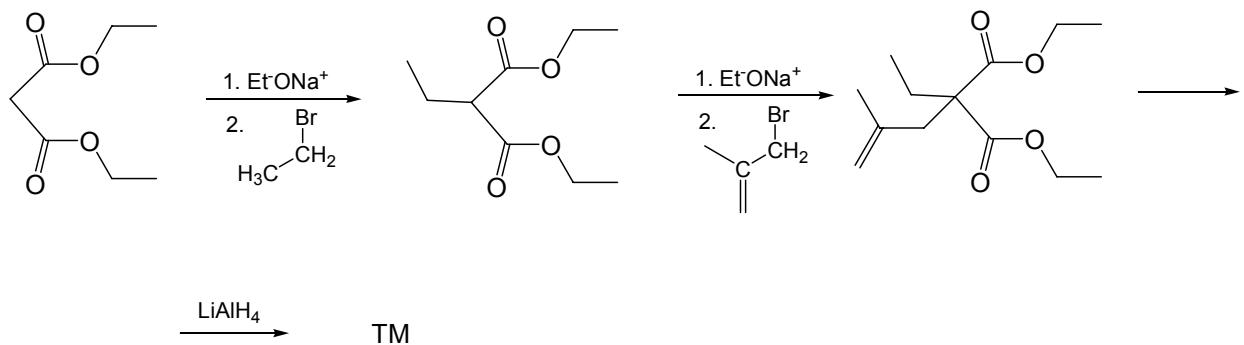
Синтез



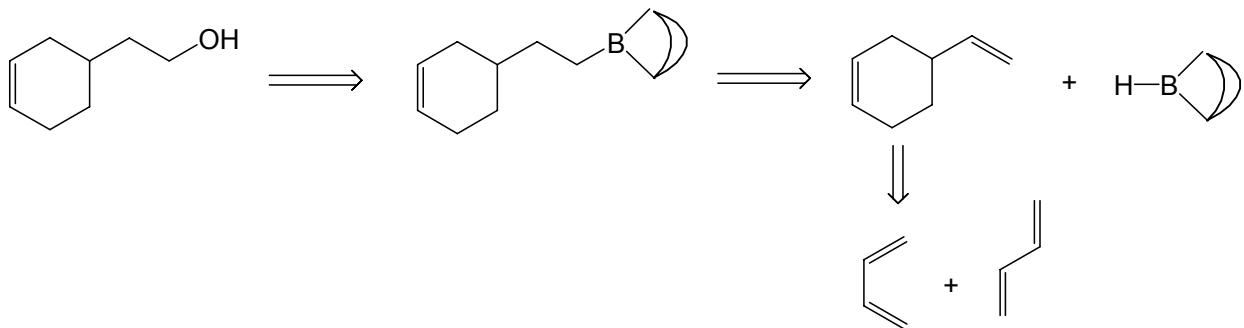
9. Анализ



Синтез



10. Анализ



Синтез

