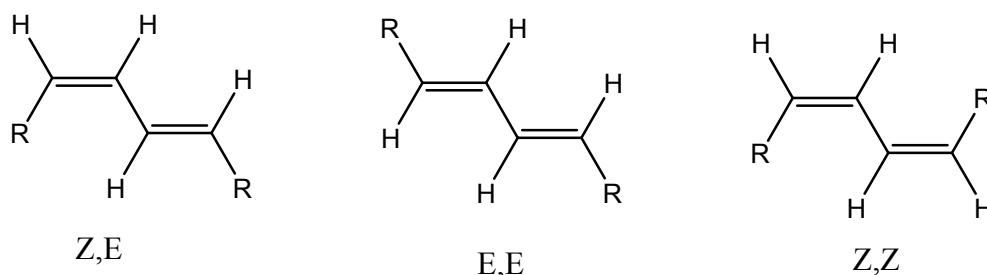
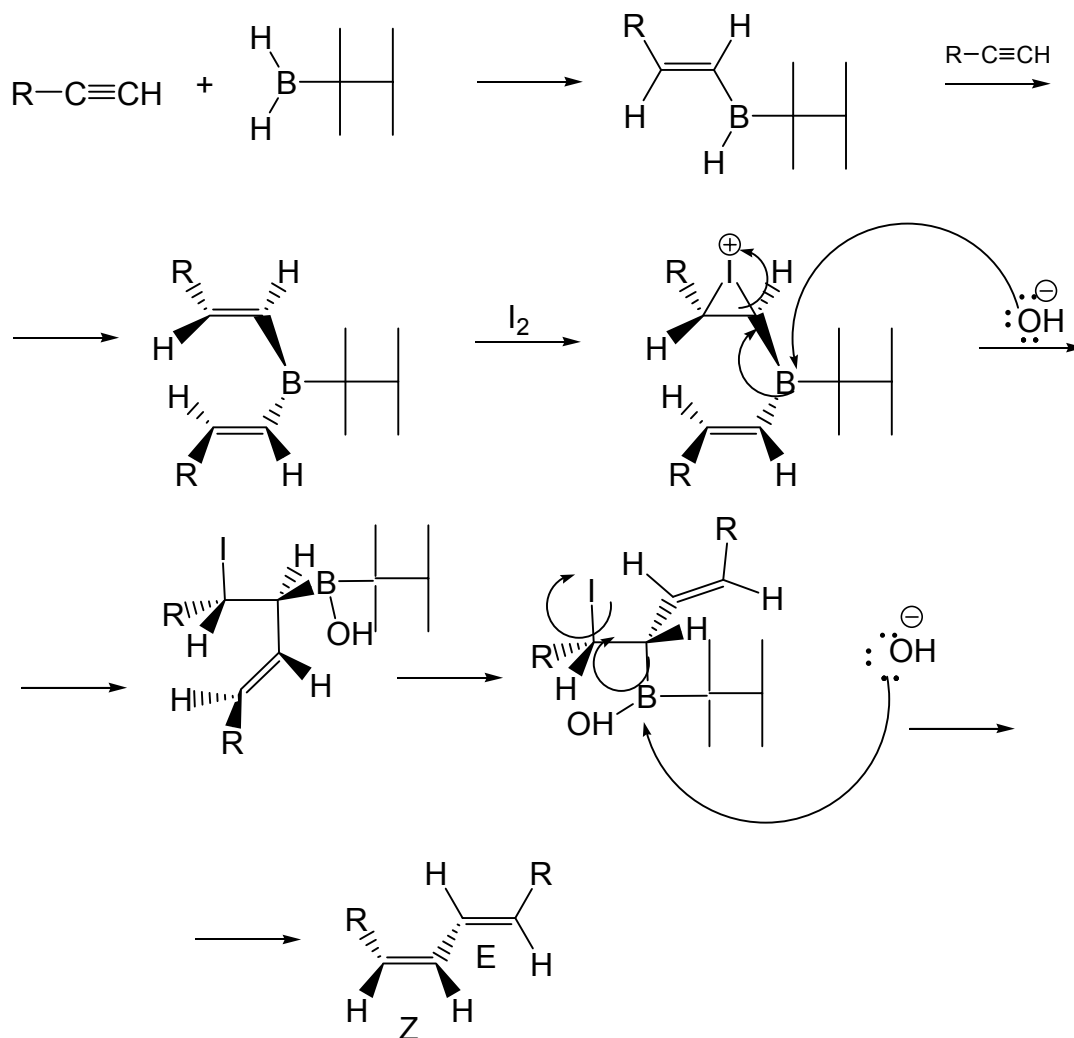


# Лекция 3

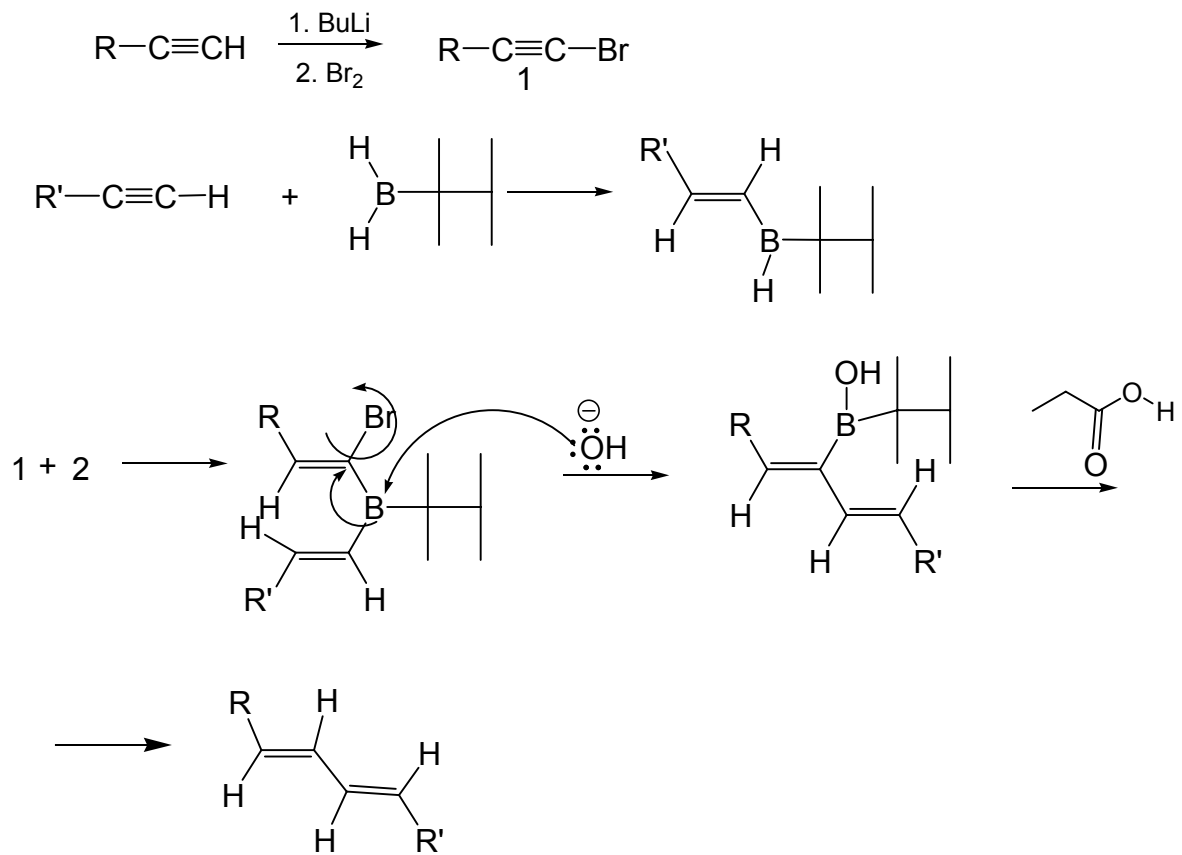
## Ретрон 1,3-диен:



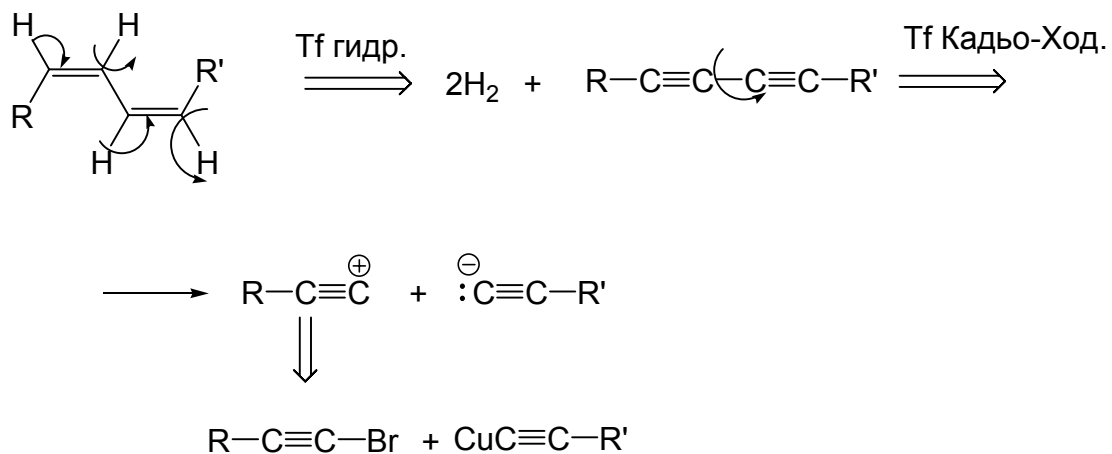
### 1. Метод Цайфеля для синтеза Z,E-1,3- диенов



## 2. Метод Нигиши для синтеза E,E-1,3-диенов.

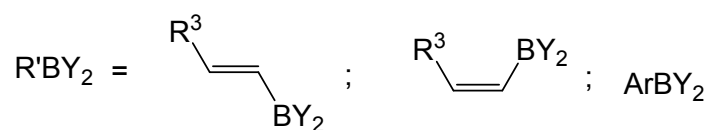
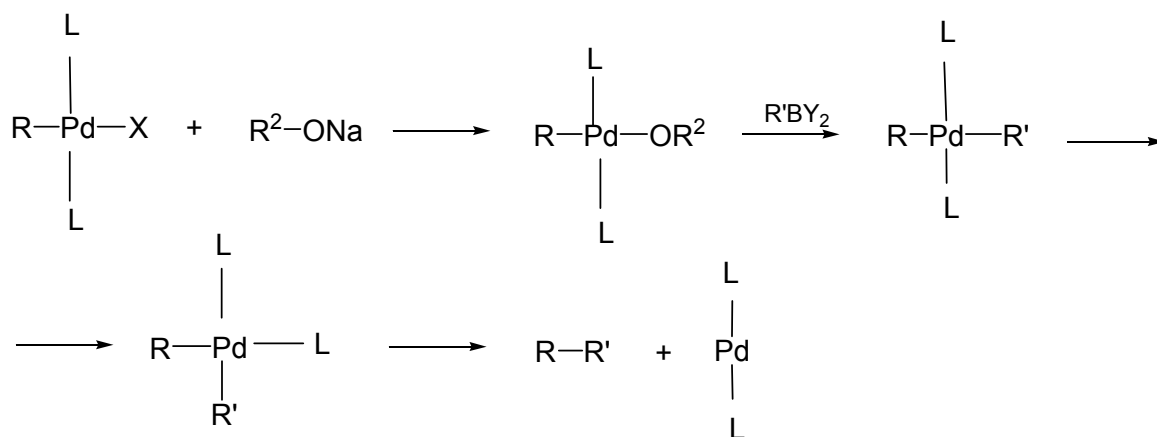
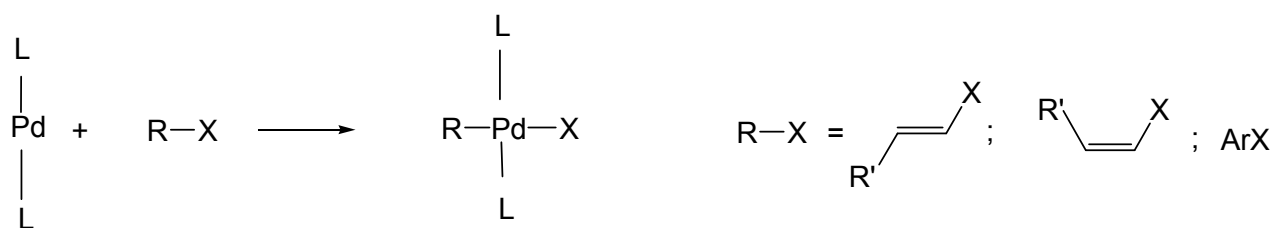


## 3. Синтез Z,Z -1,3-диенов. Кадью-Ходкевич

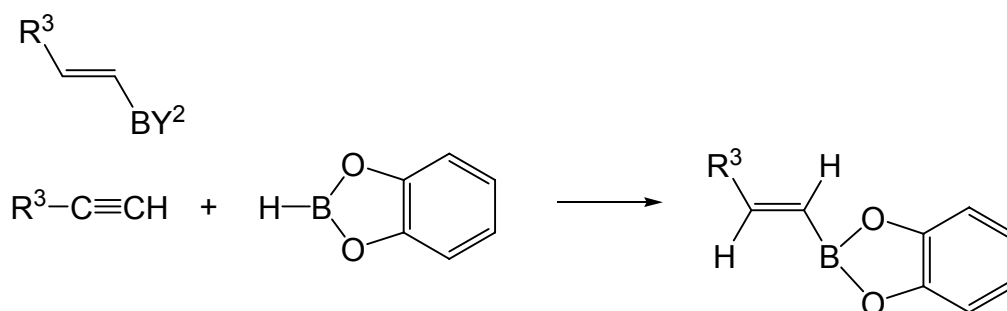


**Комплексные соединения переходных металлов**  
(Смотри пособие)

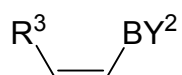
#### 4. Реакция Сузуки

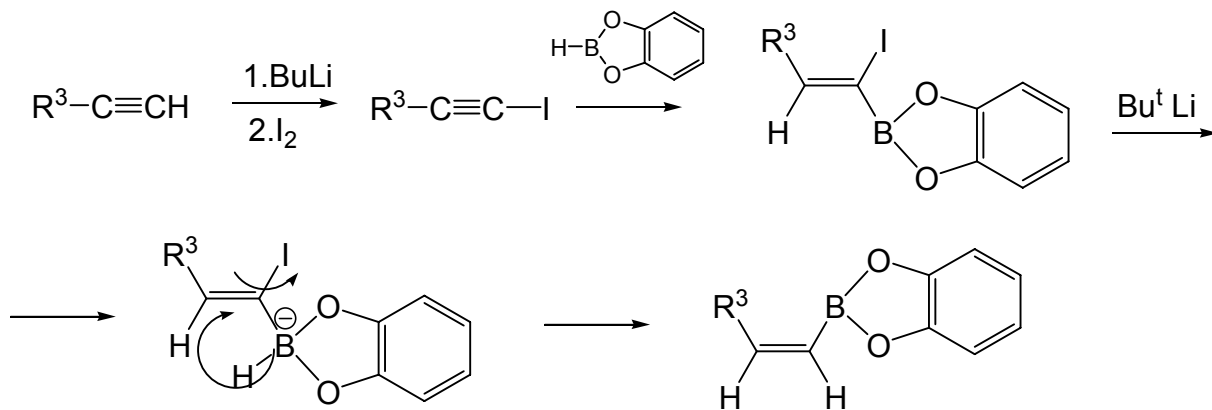


#### Синтез:

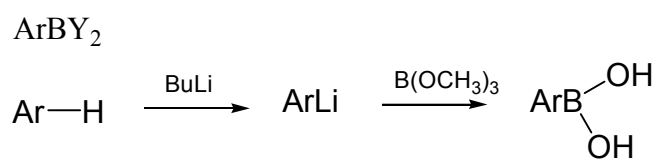


#### Синтез:

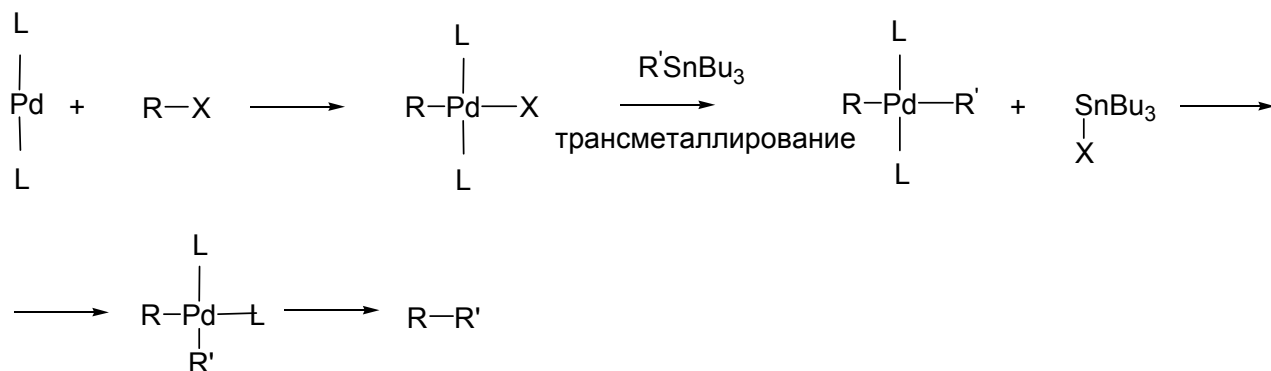




### Синтез:



### 5. Реакция Стилле

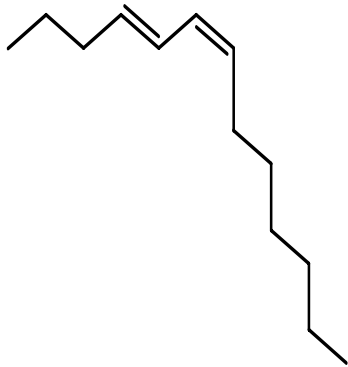


### Задачи

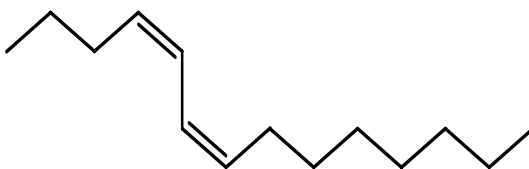
по материалам лекций 2 и 3

Проведите мощные упрощающие трансформы.

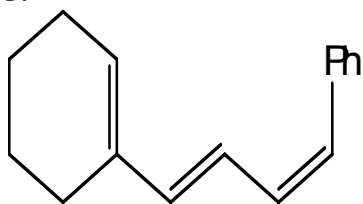
1.



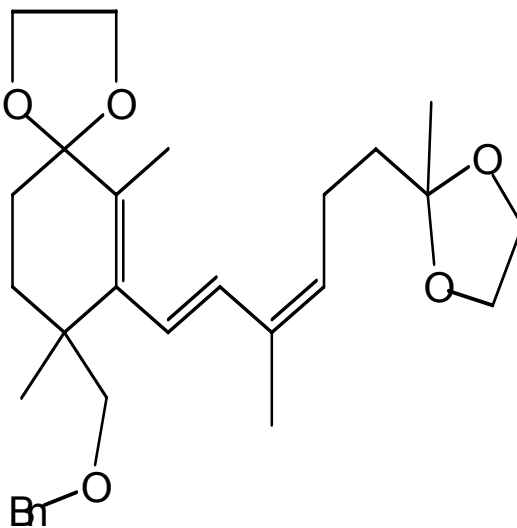
2.



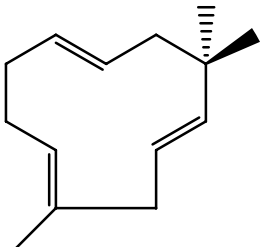
3.



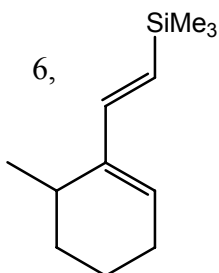
4.



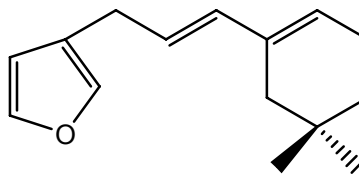
5.



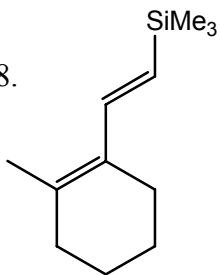
6.



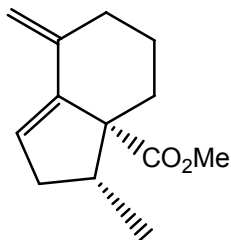
7.



8.



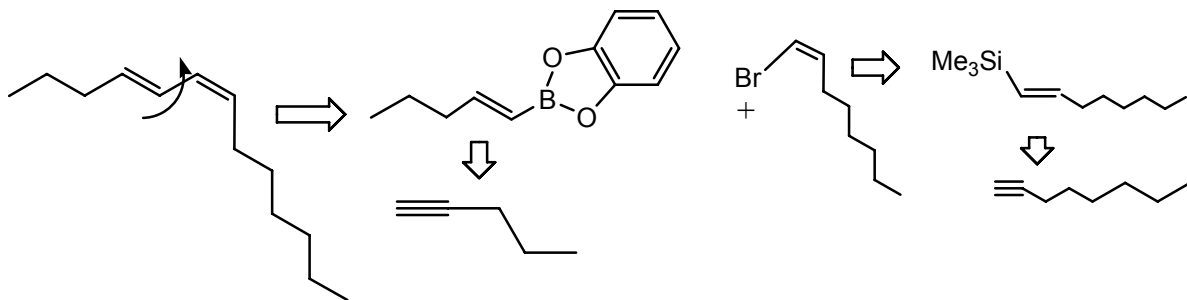
9.



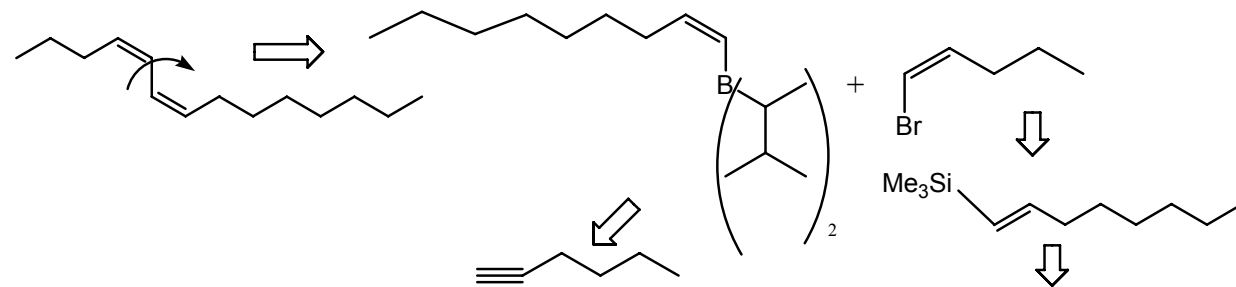
Отвѣты

к задачам 2-3

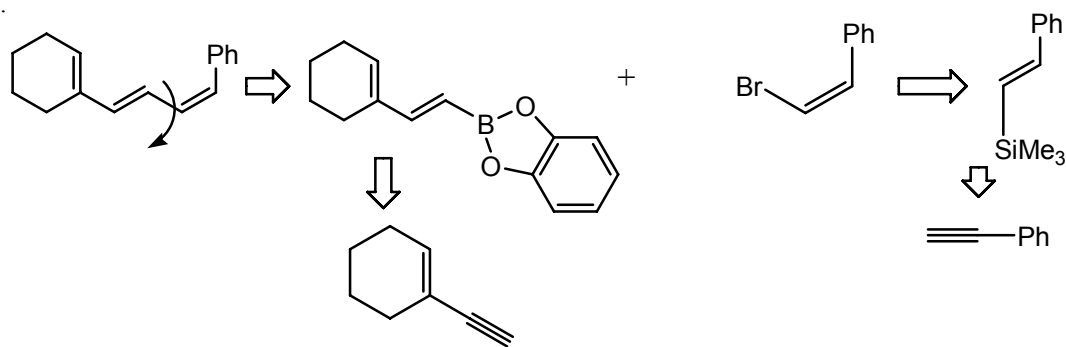
1.



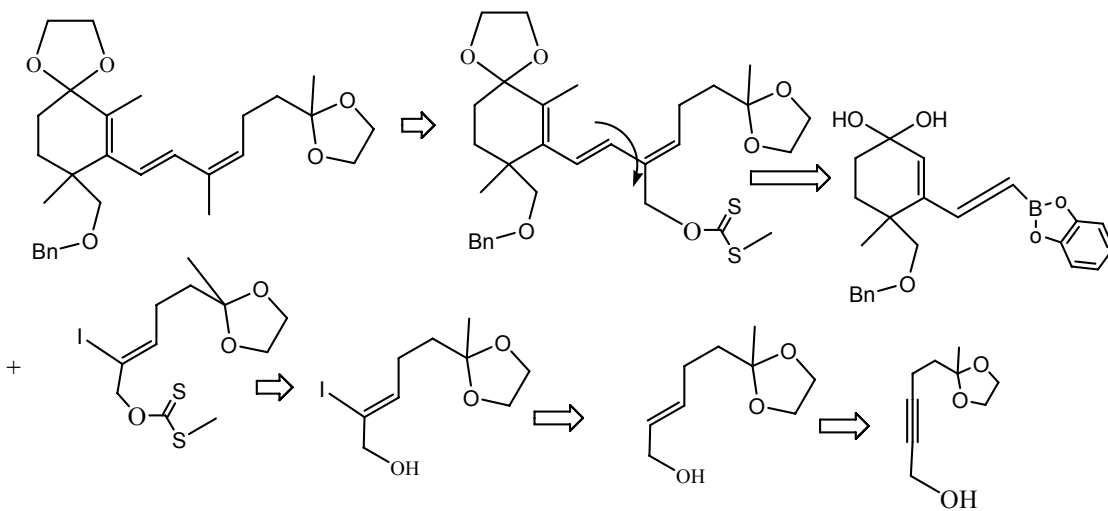
2.



3.



4.



5.

