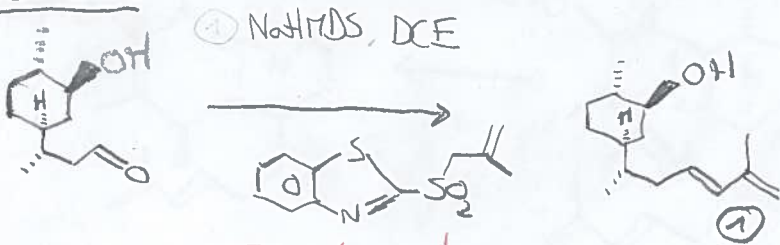


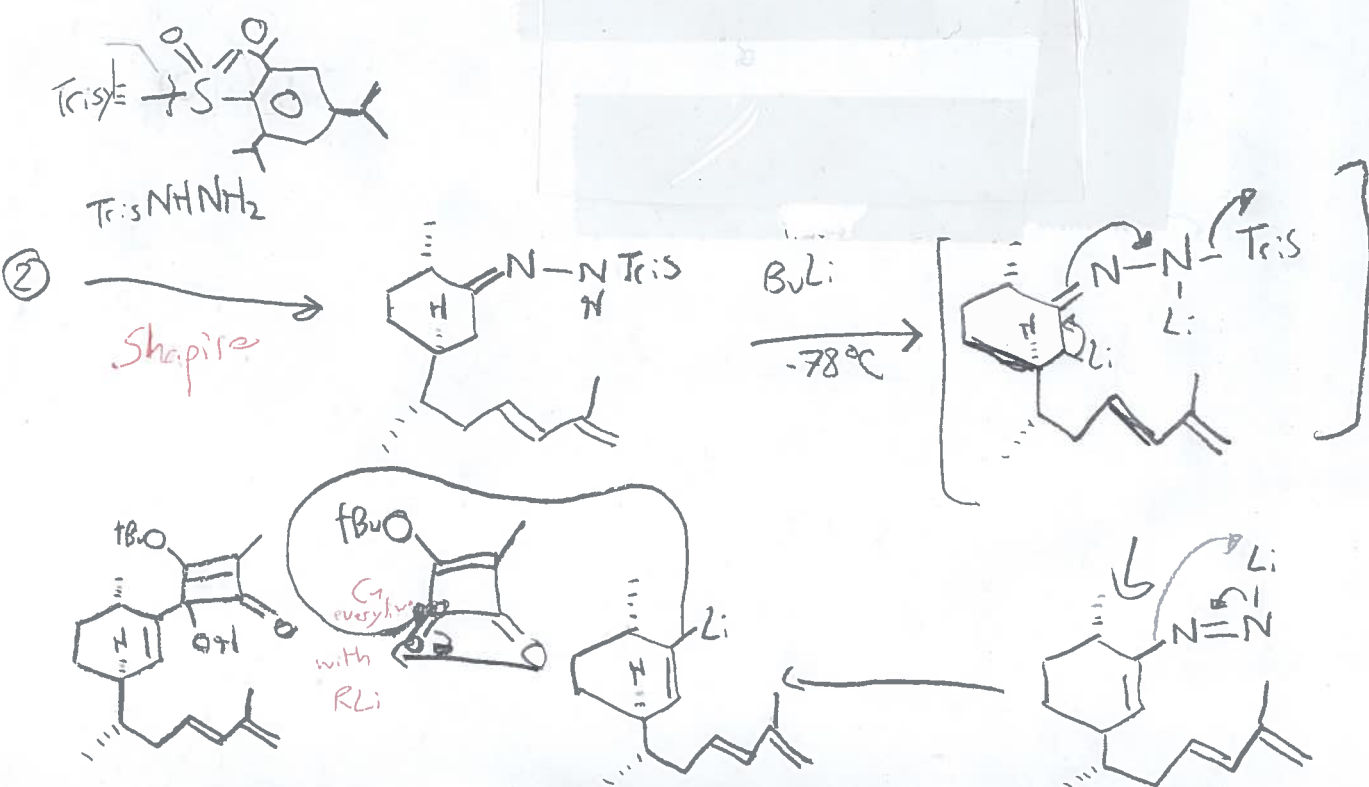
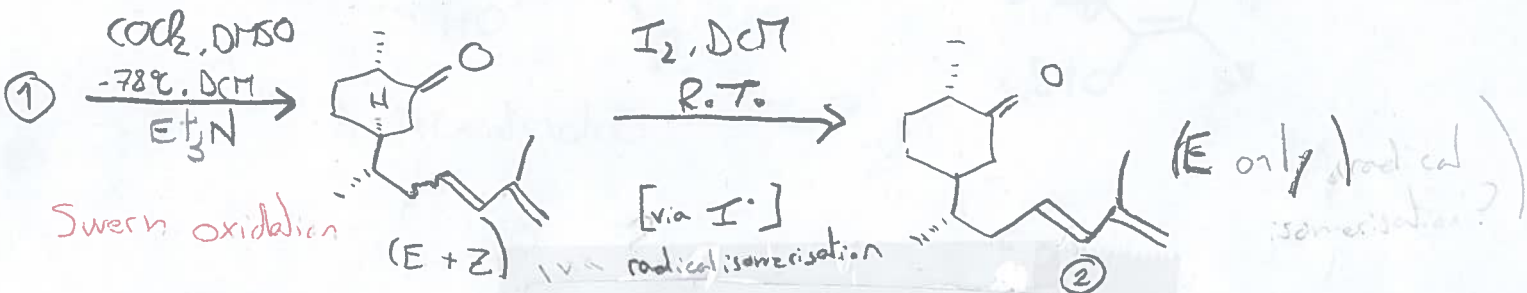
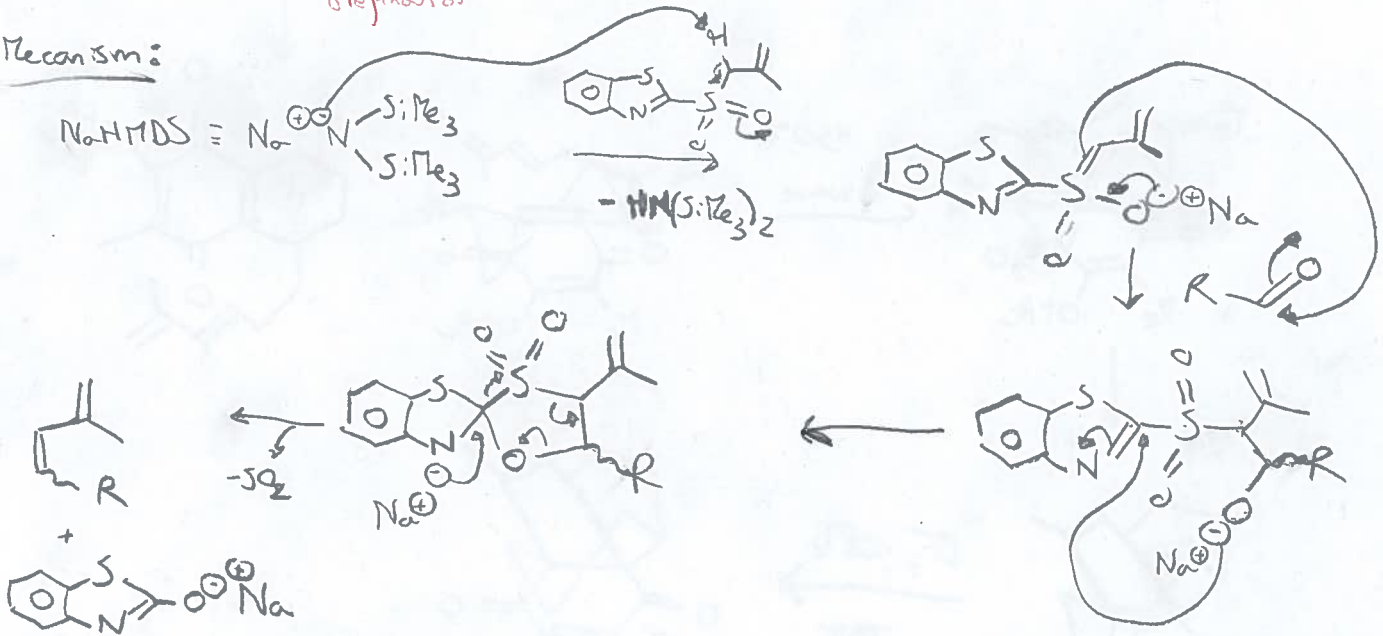
Correction: Session 1 Antonia

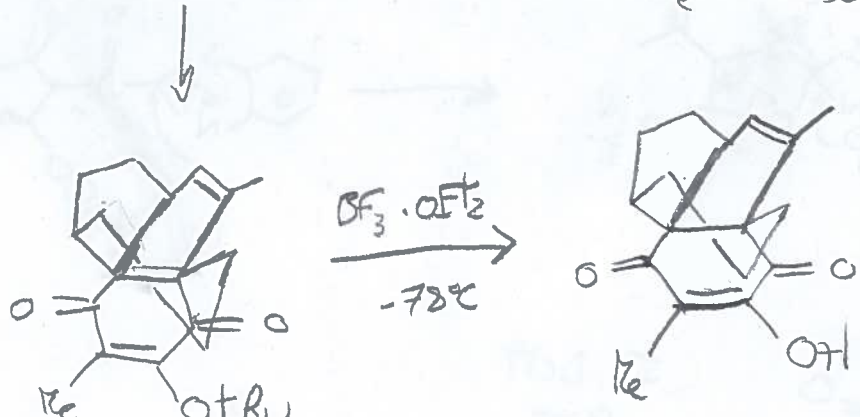
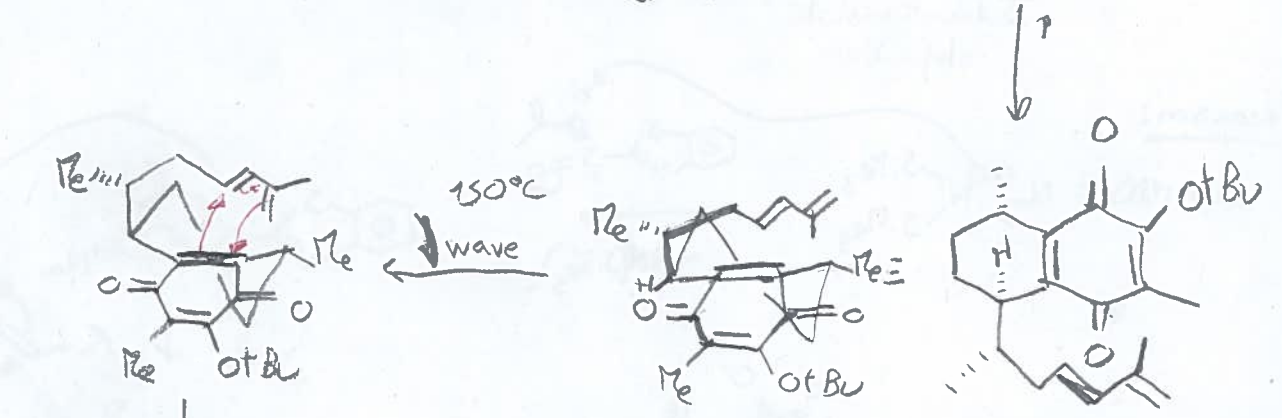
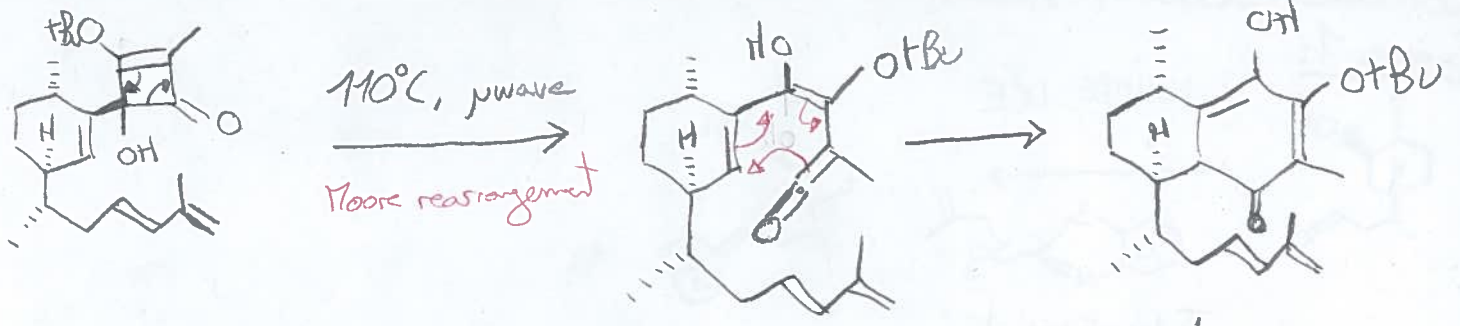
Exercice 1:



Julia-Kocienski  
olefination

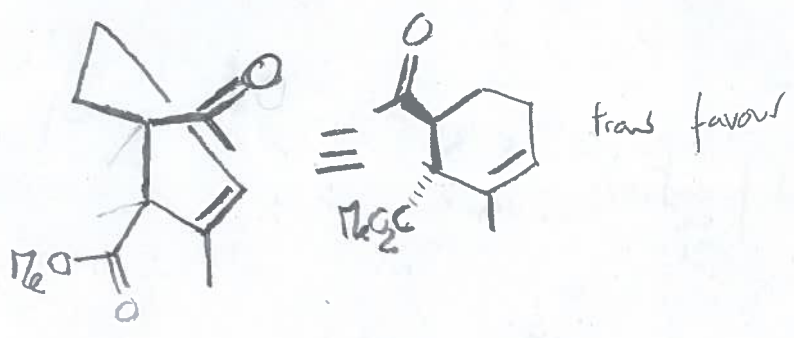
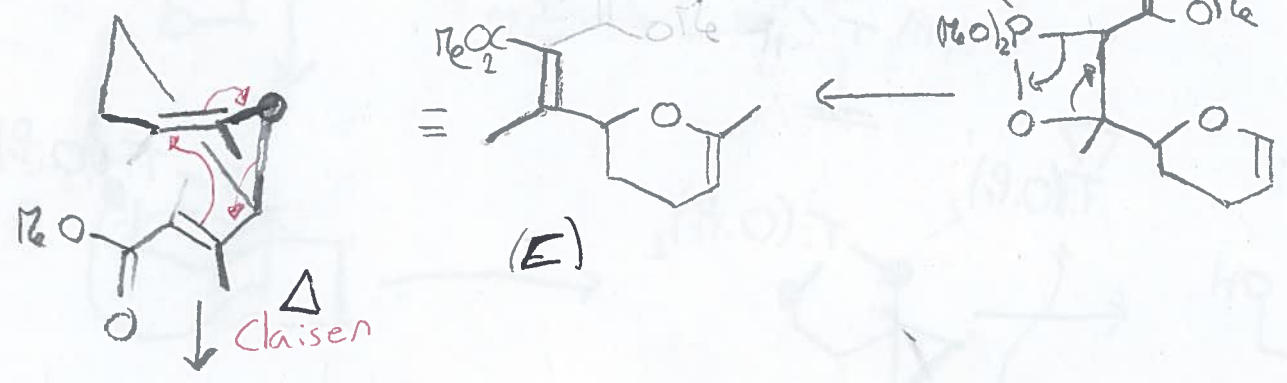
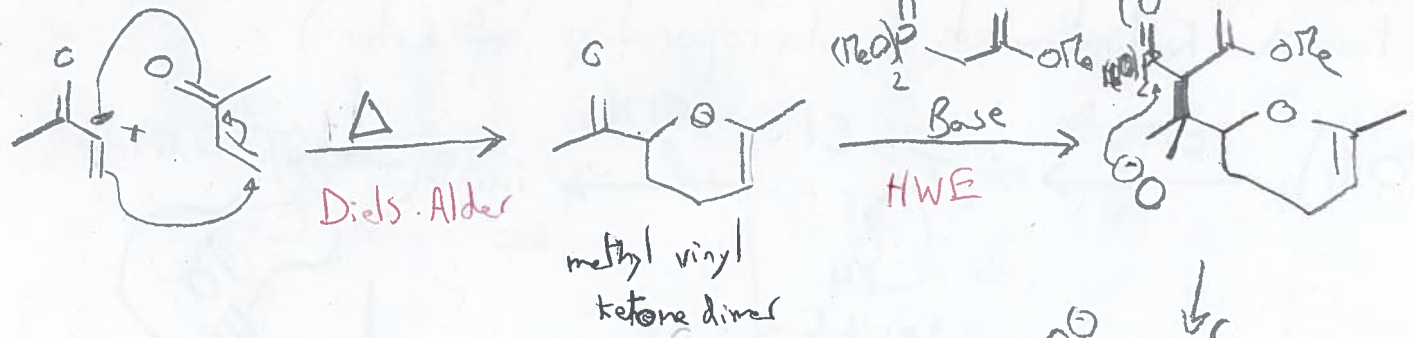
Mechanism:





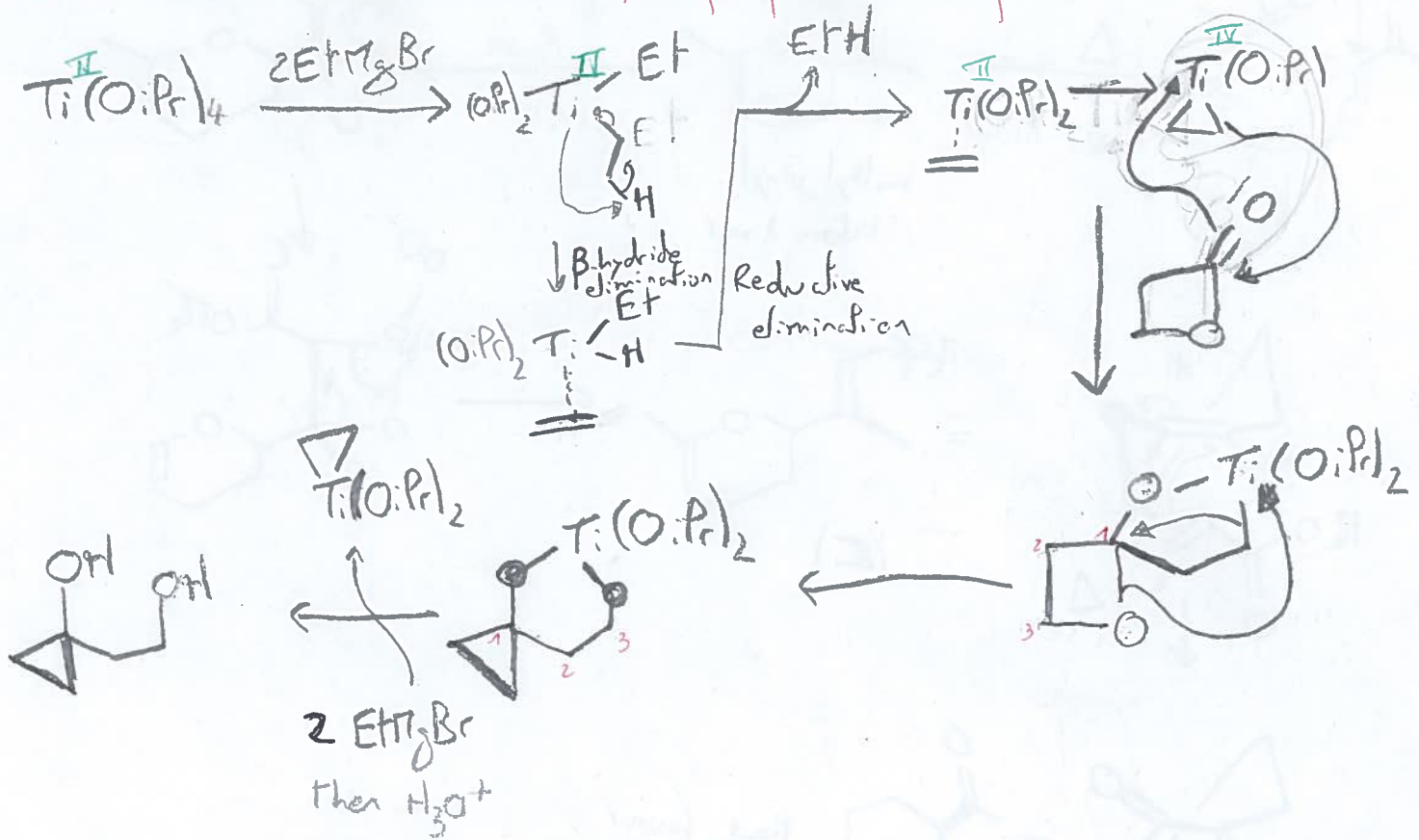
Colombiasin A

Exercice 2 :

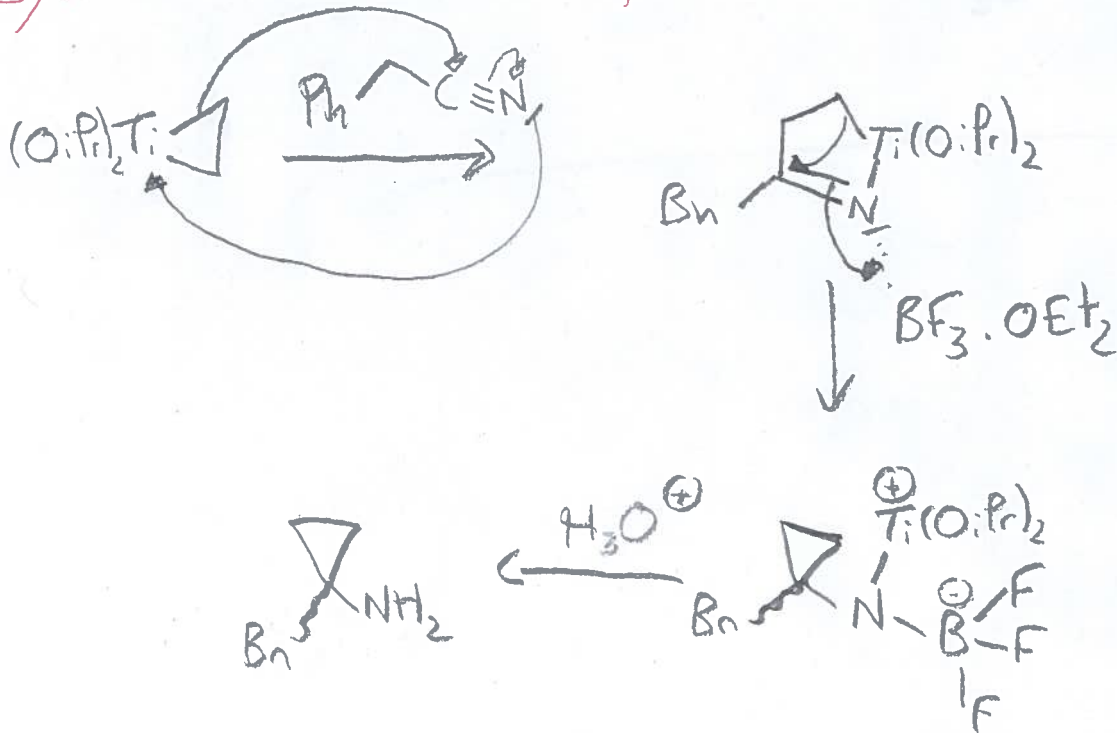


# Exercice 3

## Reaction de Kulinkovich (cyclopropanation of ester)



## Szymoniak-Kulinkovich modification



Exercice 1

