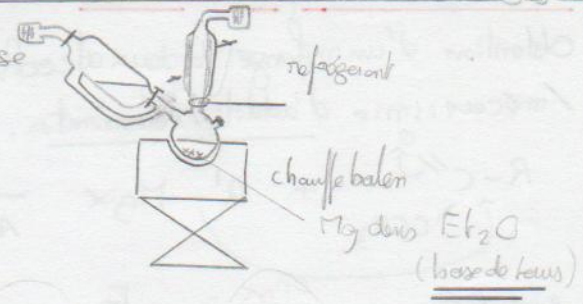


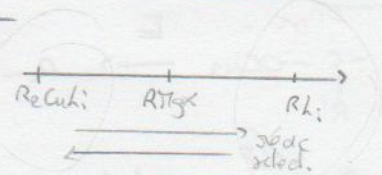
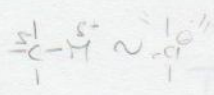
I / Rappels

Montage de synthèse

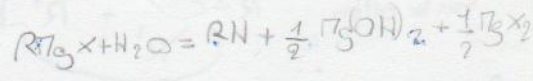
on atom. inerte & milieu anhydre.



$R_2Mg \times E$ organométallique

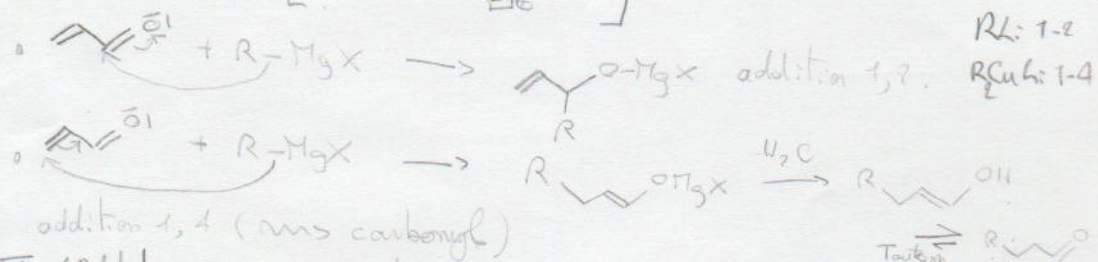
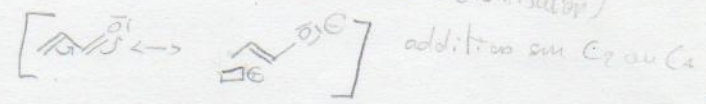
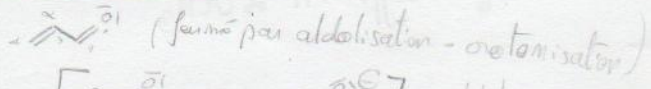


Addition sur les carbonyles

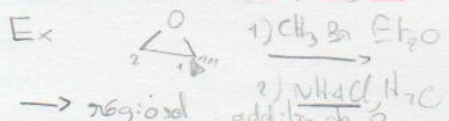


II / Addition sur les α -énones.

α -énone
2C électrophiles



III / Addition sur un époxyde



\rightsquigarrow Allonger chaque C de 2 unités.
(attention alcool)

\rightarrow régiosélectif : addition de R sur C le \ominus on carbonylé

\rightarrow stéréosélectif : addition en ANTI p/r au pont de l'époxyde.



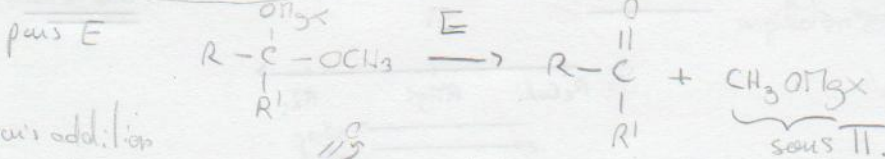
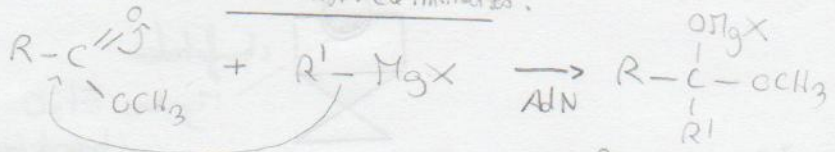
hydrolyse acide ("dans H^+ ")
 \rightarrow Ev. les $Mg(OH)_2(s)$
éviter obshydratate
alco \rightarrow acétone

IV Addition de l'eq RMgX sur ester.

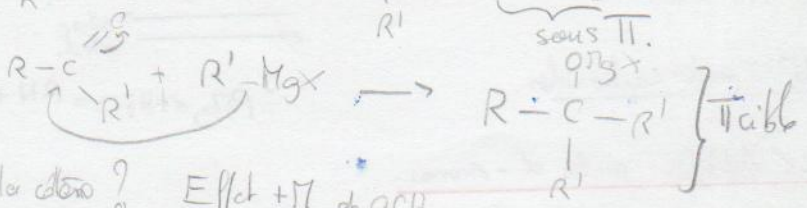
Obtention d'un mélange de deux alcools:

II cible
Sous II

Mécanisme d'addition/élimination.



puis addition
sur la cétone



Pq addition sur la cétone ? Effet +M de OCH₃