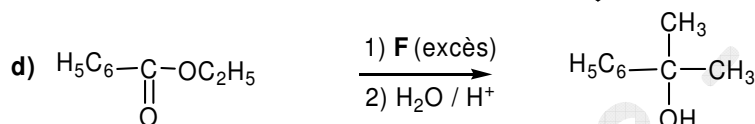
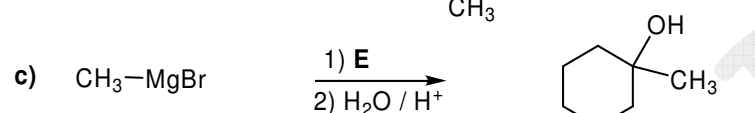
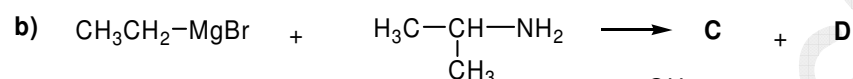


Exercices Complémentaires

Chapitre 10 : Organométalliques

10.1 Exercice 10.1

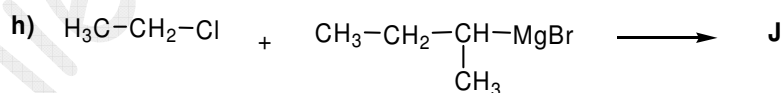
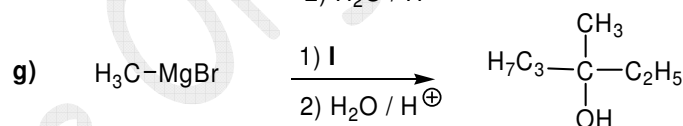
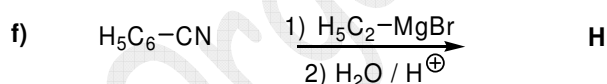
Compléter les réactions suivantes :



CORRECTION Exo 10.1 (page 3)

10.2 Exercice 10.2

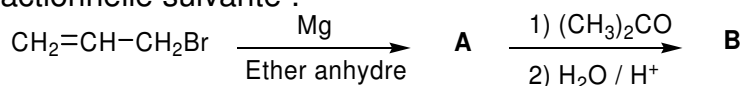
Compléter les réactions suivantes :



CORRECTION Exo 10.2 (page 3)

10.3 Exercice 10.3

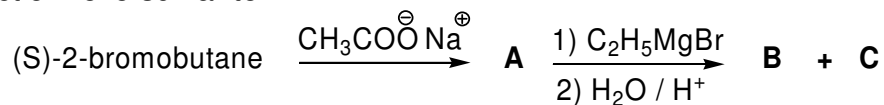
Compléter la suite réactionnelle suivante :



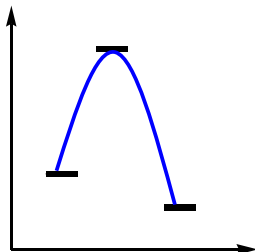
CORRECTION Exo 10.3 (page 4)

10.4 Exercice 10.4

Soit la suite réactionnelle suivante :



1) Indiquer le mécanisme de la première étape et la configuration de **A**, connaissant son diagramme d'énergie :

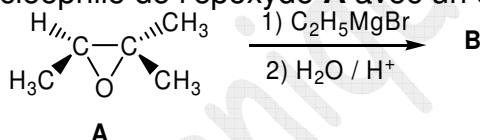


2) Donner la formule de **B** et de **C**, sachant que $\text{C}_2\text{H}_5\text{MgBr}$ est en excès.

CORRECTION Exo 10.4 (page 4)

10.5 Exercice 10.5

Soit la réaction d'ouverture nucléophile de l'époxyde **A** avec un organomagnésien :



1) indiquer la configuration absolue de **A**

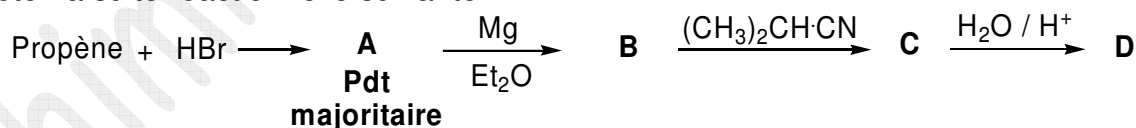
2) donner la structure et la configuration absolue de **B**, produit majoritairement obtenu. Comparer cette configuration à celle de **A**.

3) appliquer cette réaction à d'autres nucléophiles tels que HO^- et RNH_2 .

CORRECTION Exo 10.5 (page 4)

10.6 Exercice 10.6

Compléter la suite réactionnelle suivante :

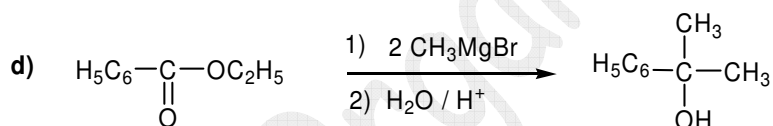
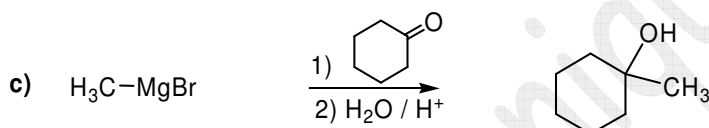
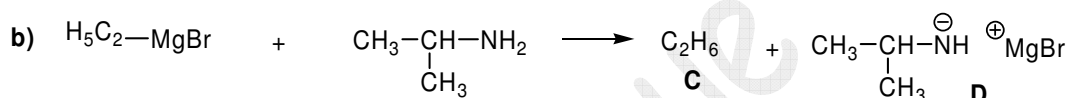


CORRECTION Exo 10.6 (page 4)

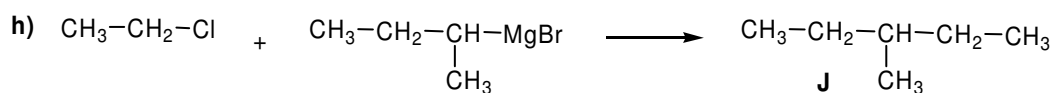
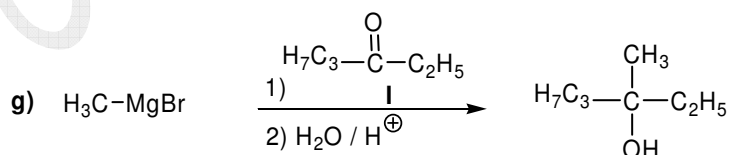
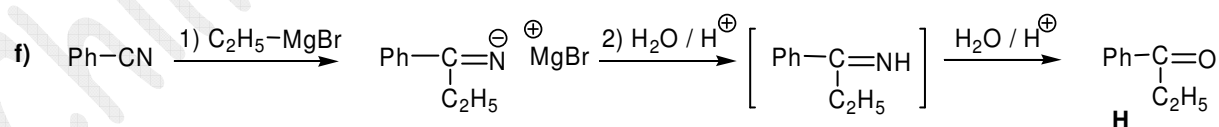
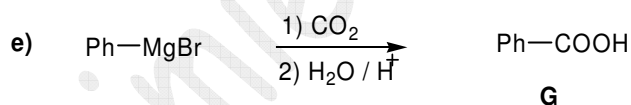
Correction des exercices complémentaires

Chapitre 10: Organométalliques

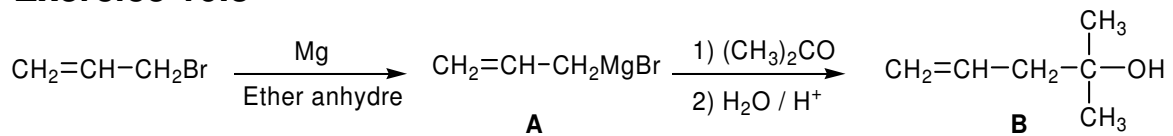
10.1 Exercice 10.1



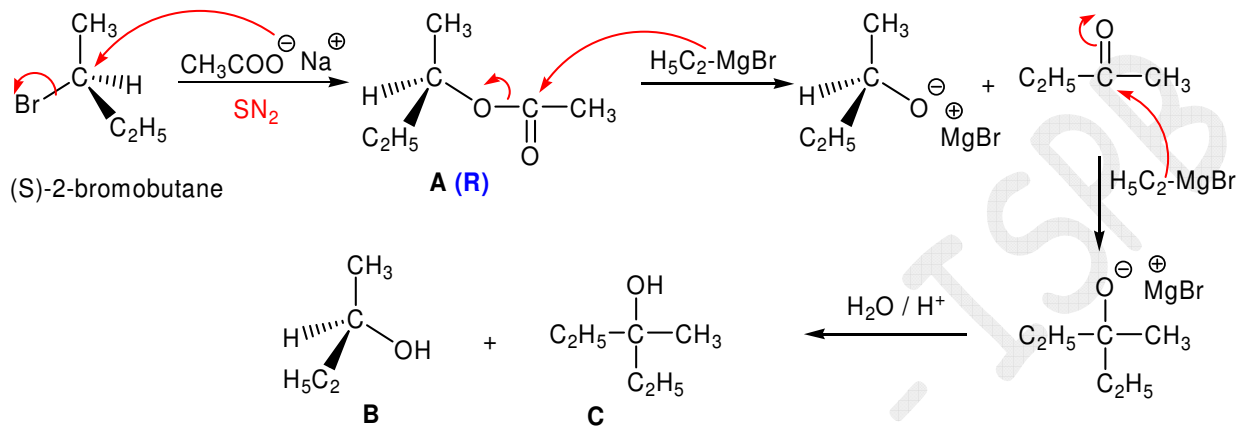
10.2 Exercice 10.2



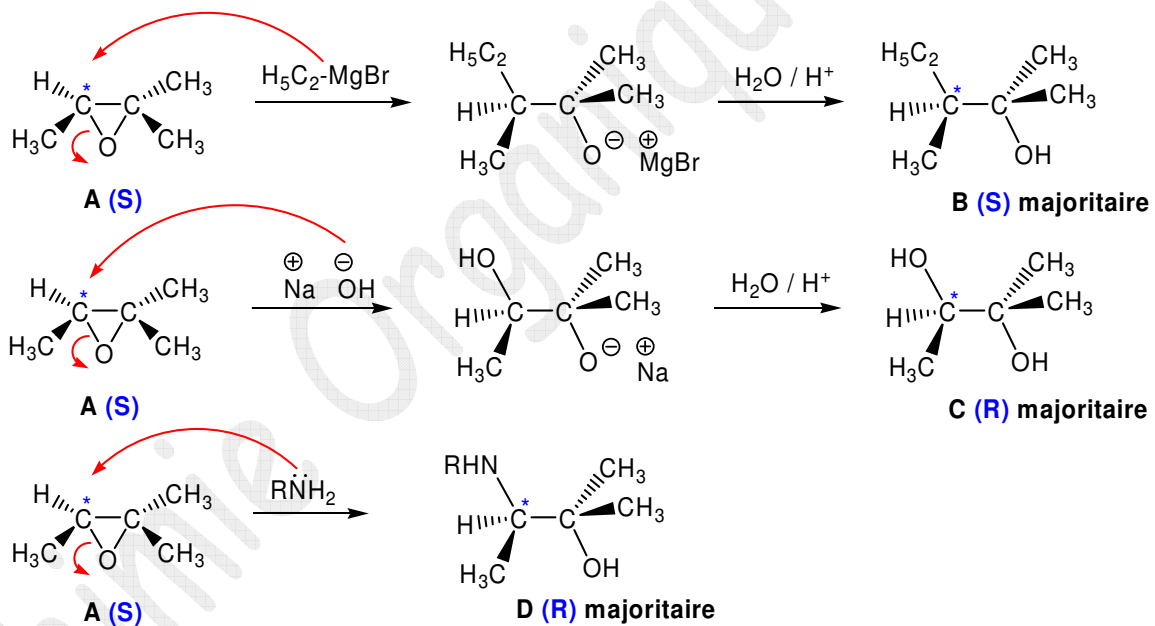
10.3 Exercise 10.3



10.4 Exercise 10.4



10.5 Exercise 10.5



10.6 Exercise 10.6

