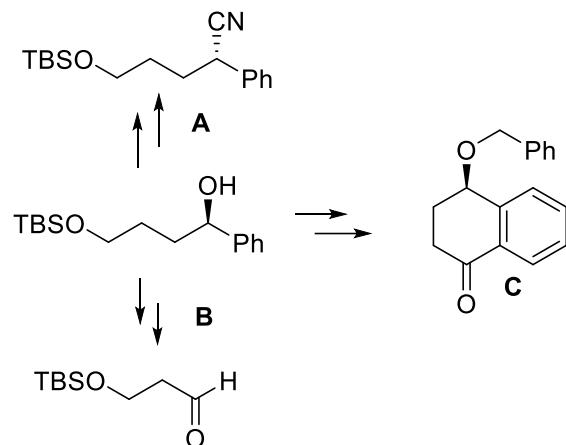


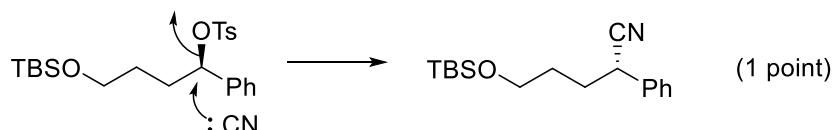
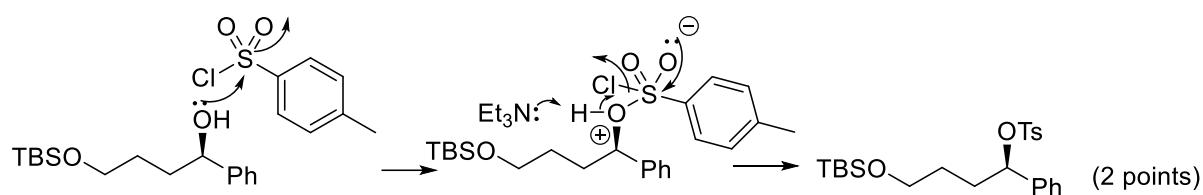
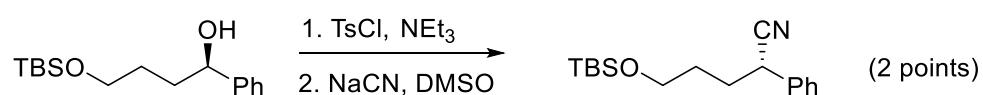
Chimie Générale Avancée II: Partie Organique
Exercices - Séance n°12 – 23 mai 2025-solutions

Exercice 1 (30 points, examen 2022)

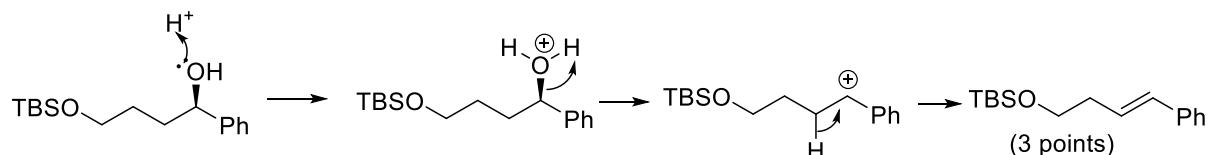
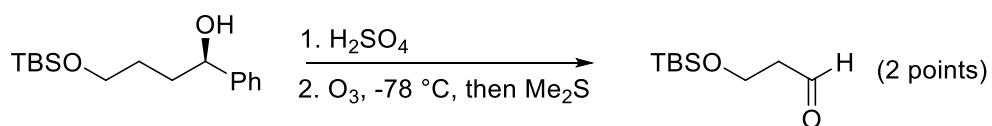
Proposer des conditions pour les transformations suivantes et donner le mécanisme pour les transformations. Justifier les sélectivités proposées si nécessaire.

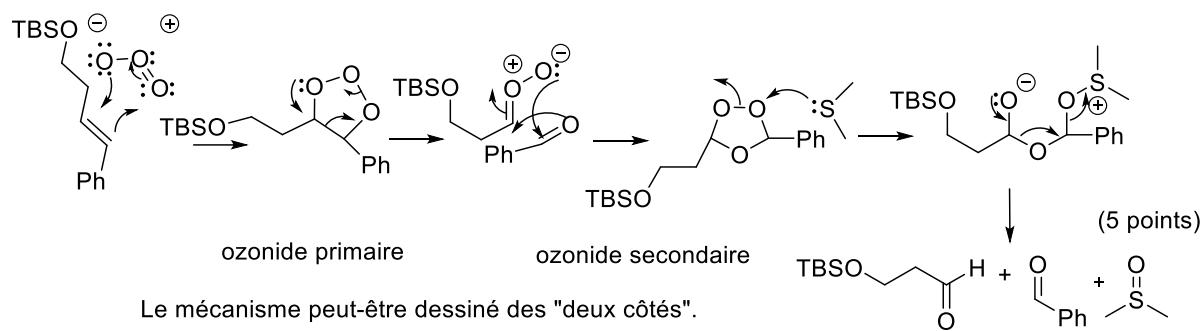


A)

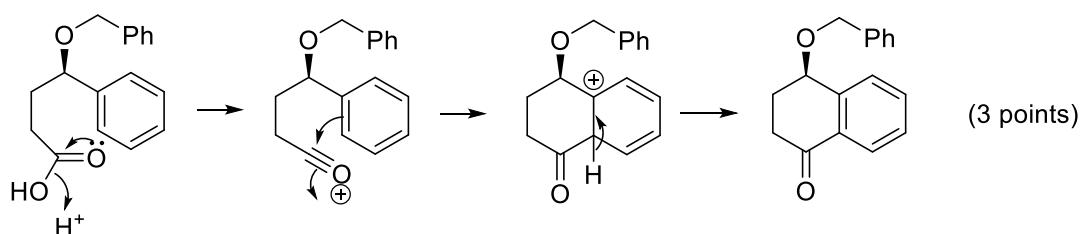
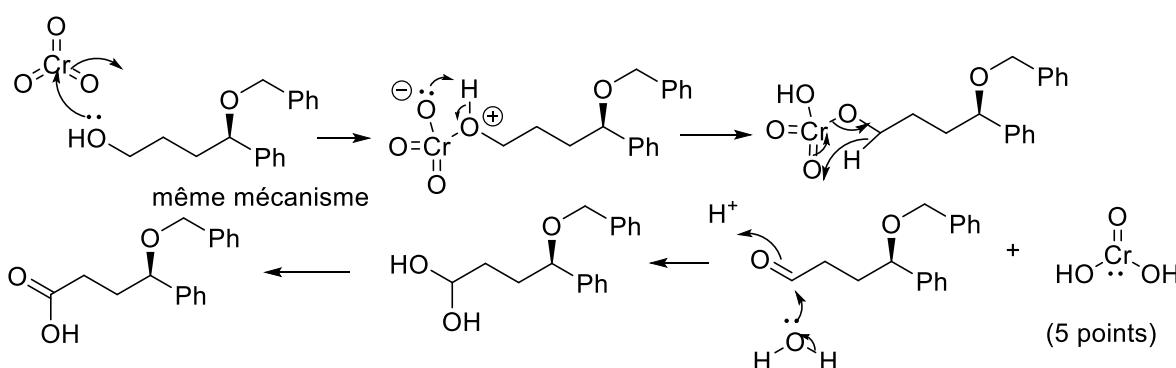
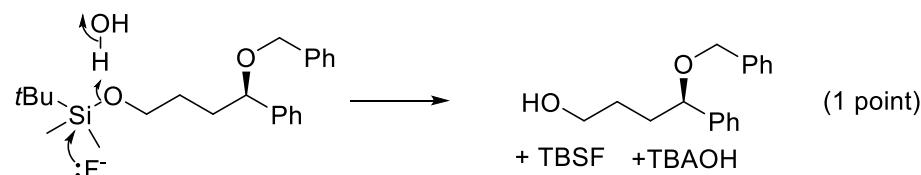
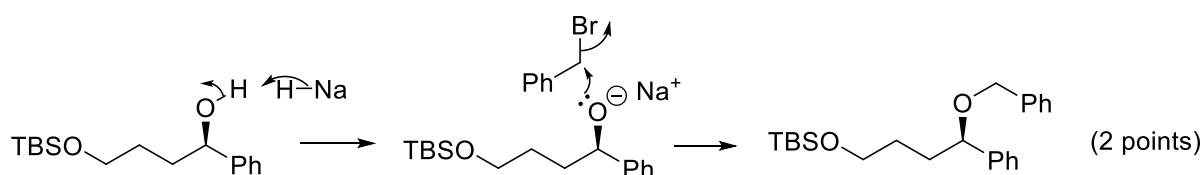
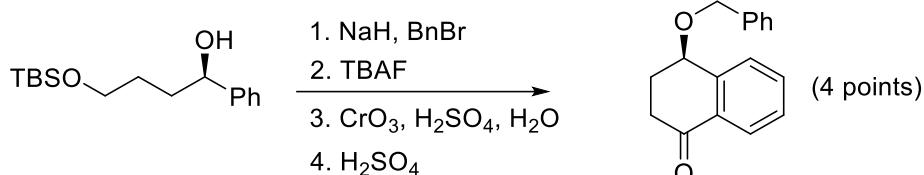


B)



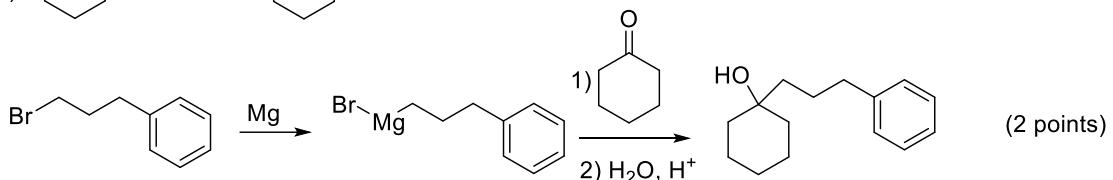
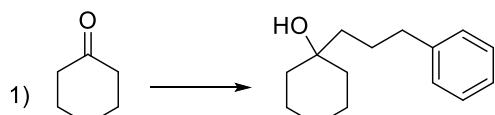
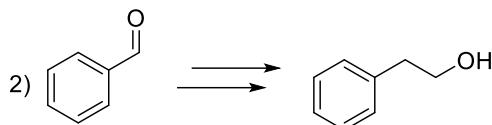
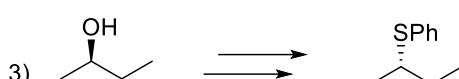
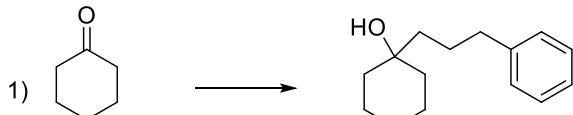


C)

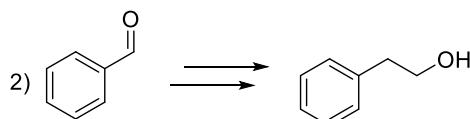
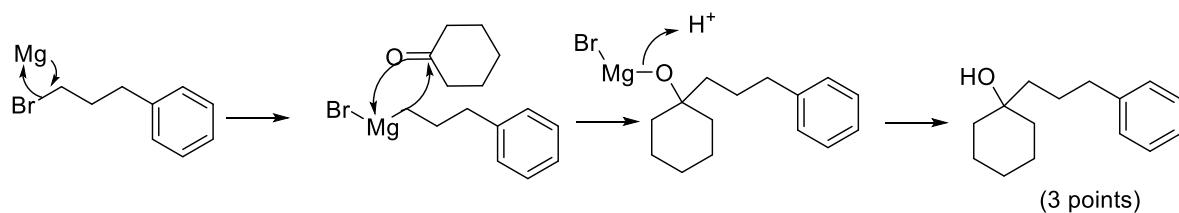


Exercice 2 (23 points)

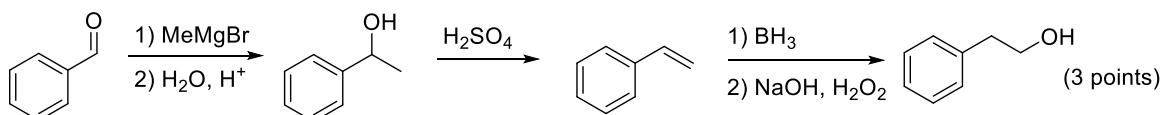
Proposer des conditions pour les réactions suivantes. Donner les mécanismes pour les étapes proposées.



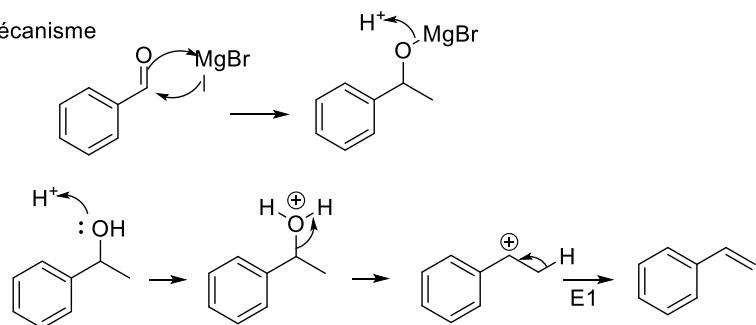
mécanisme

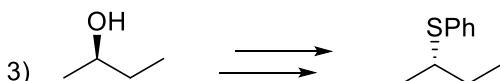
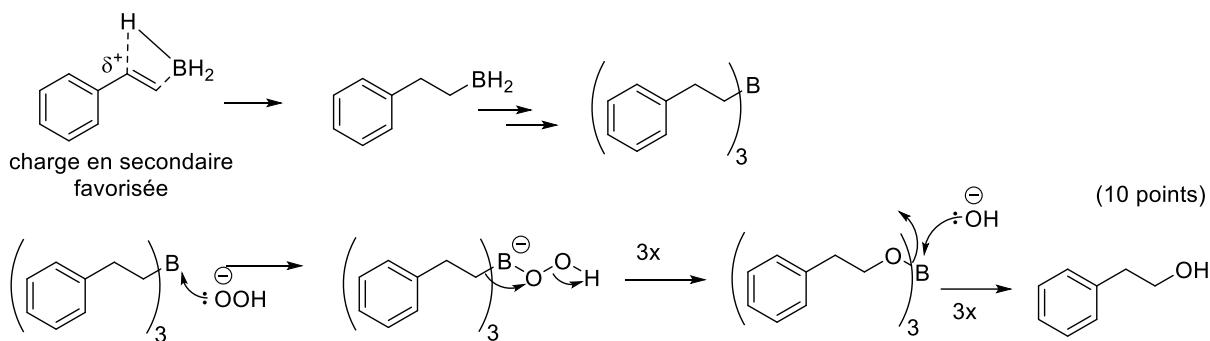


solution possible:

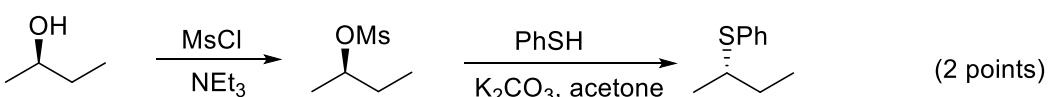


mécanisme

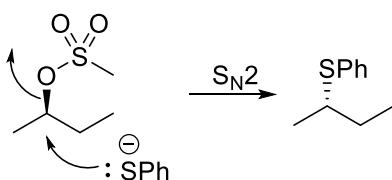
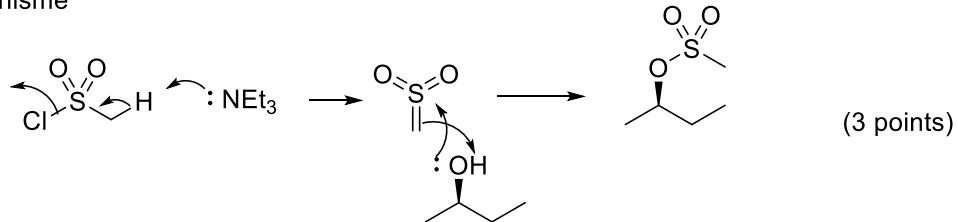




solution possible:

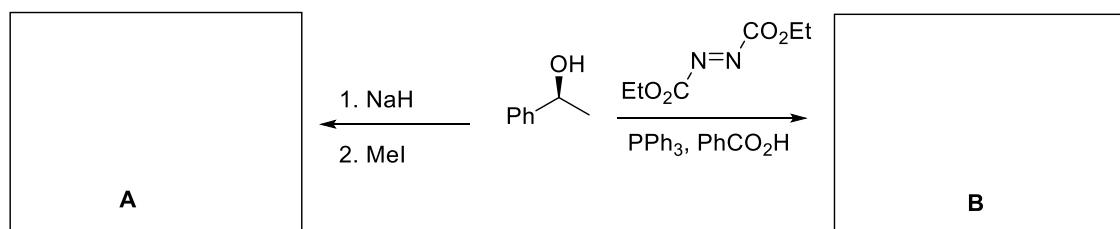


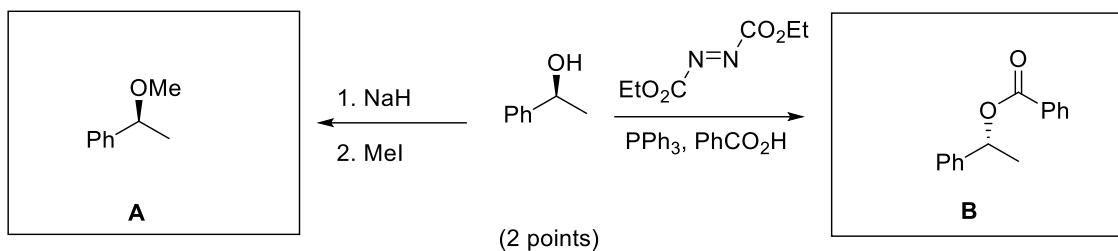
mécanisme



Exercice 3 (7 points, examen 2020)

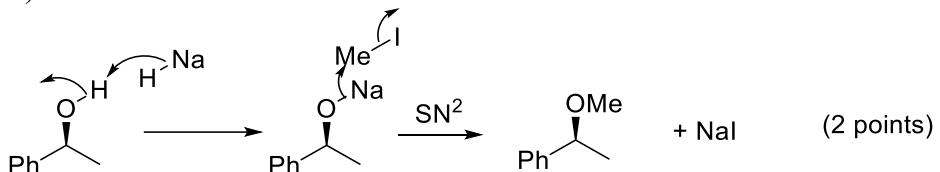
Indiquer les produits obtenus sous les conditions suivantes et proposer un mécanisme pour les transformations. Justifier les sélectivités observées si nécessaire.



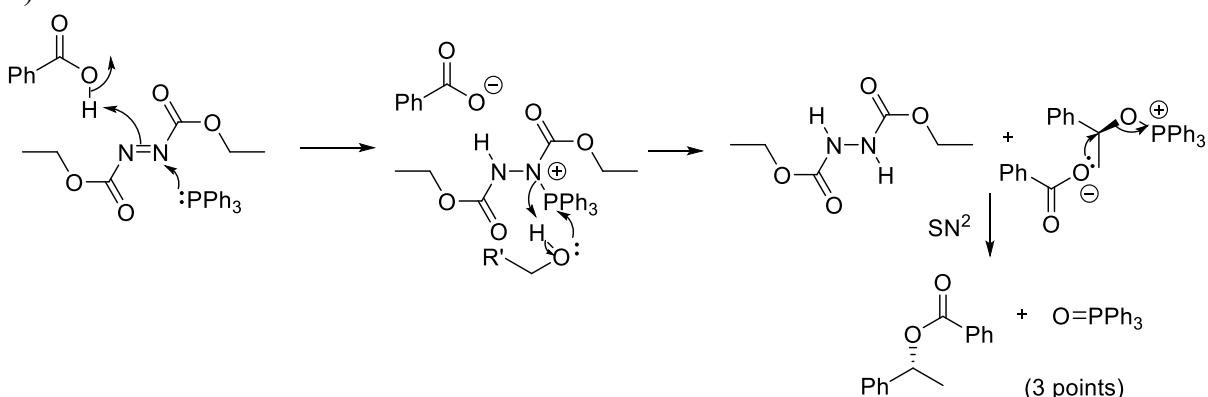


Mécanisme

A)



B)



[barème: 1 point par réponse correcte, la stéréochimie compte pour 0.5 points pour A et B. 1 point par étape du mécanisme. 0.5 point possible pour réponses partiellement correctes.]