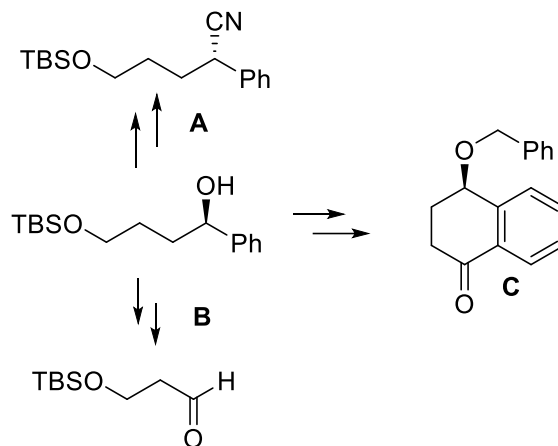


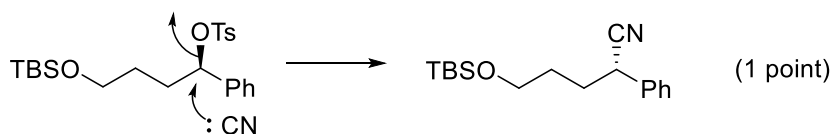
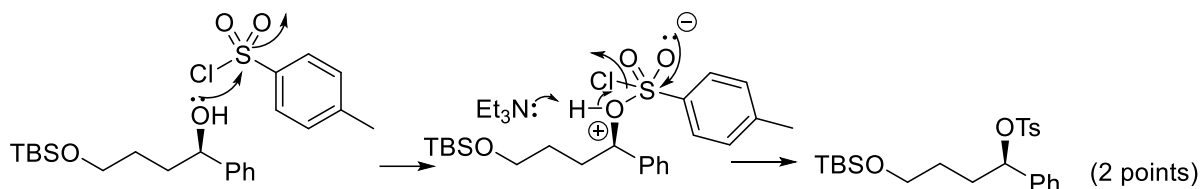
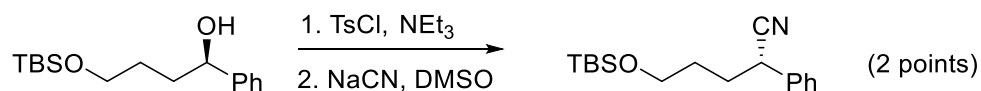
**Chimie Générale Avancée II: Partie Organique**  
**Exercices - Séance n°12– 23 mai 2025-solutions**

**Exercice 1 (30 points, examen 2022)**

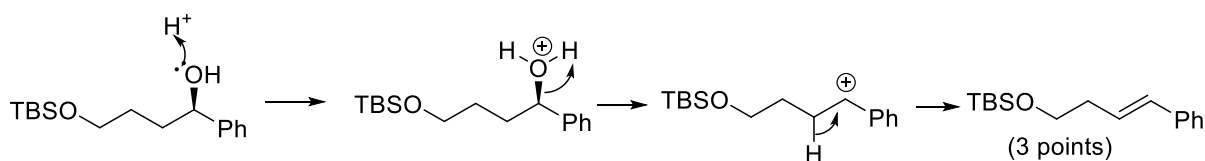
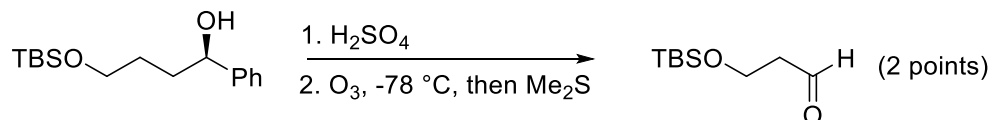
Proposer des conditions pour les transformations suivantes et donner le mécanisme pour les transformations. Justifier les sélectivités proposées si nécessaire.

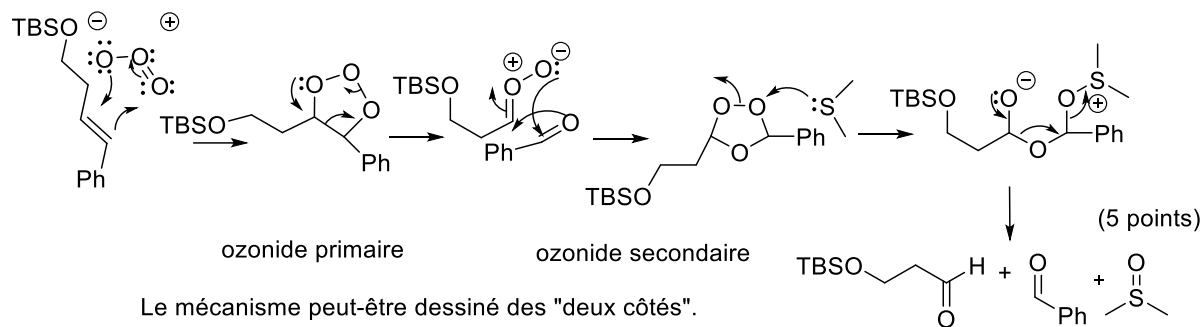


**A)**

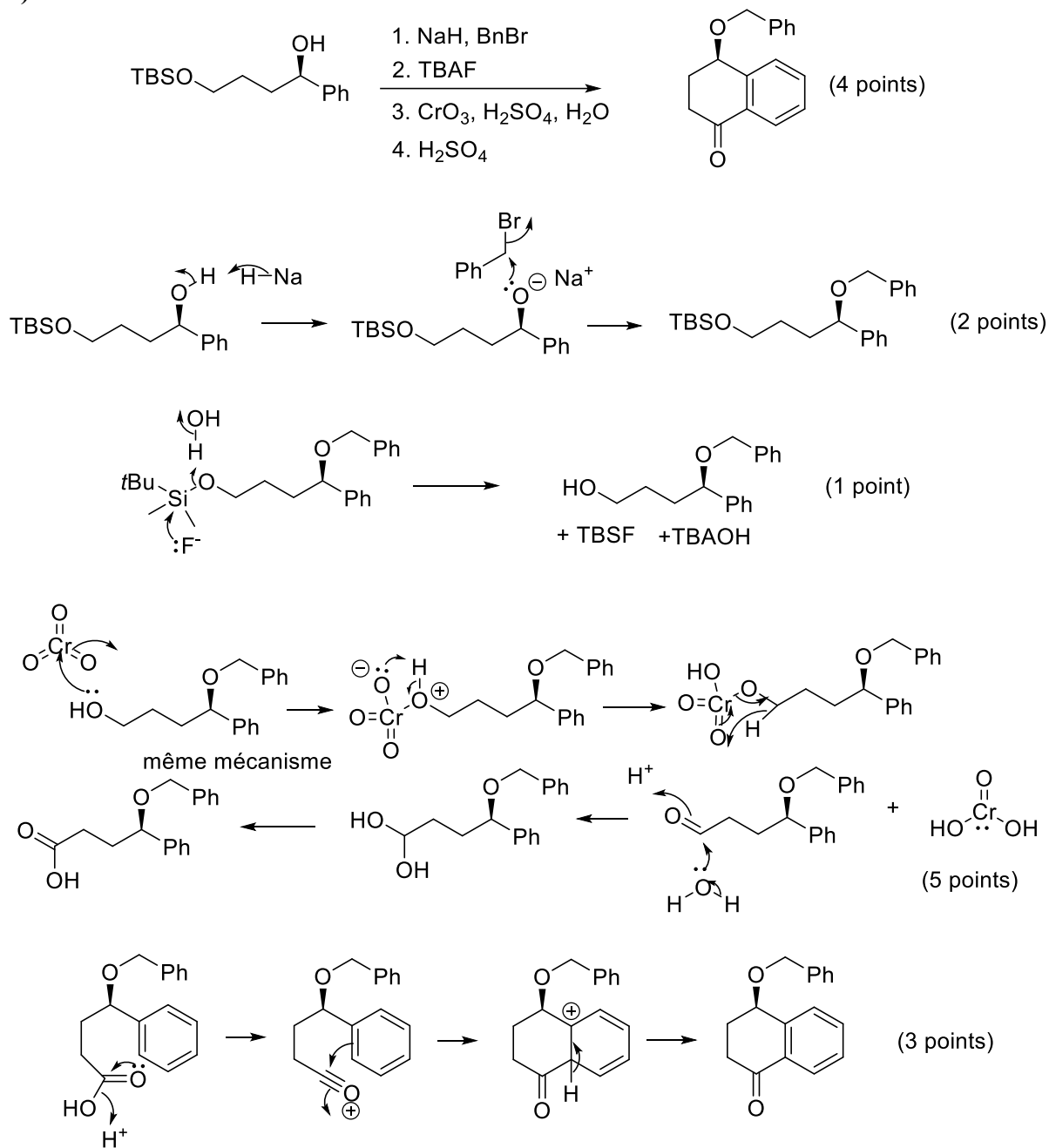


**B)**



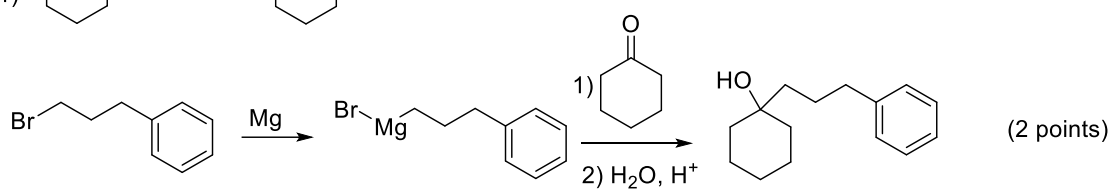
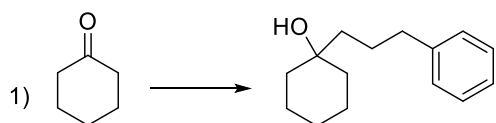
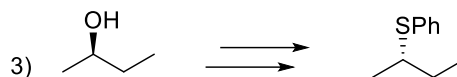
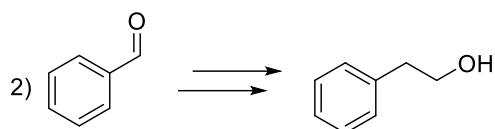
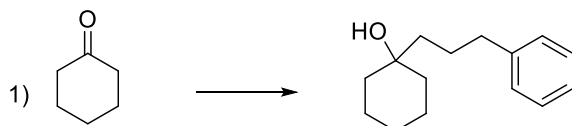


C)

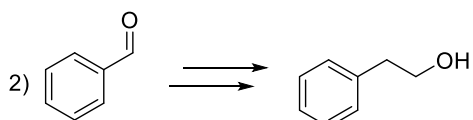
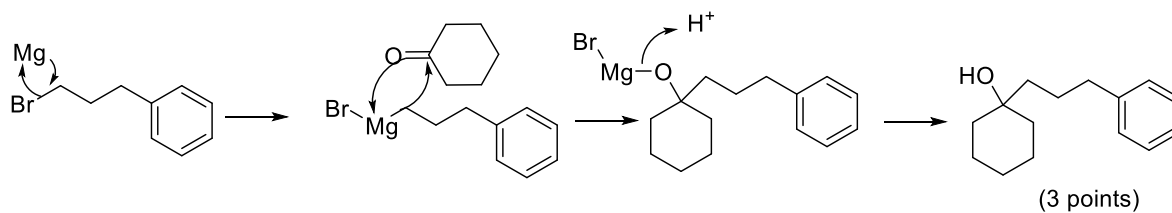


**Exercice 2 (23 points)**

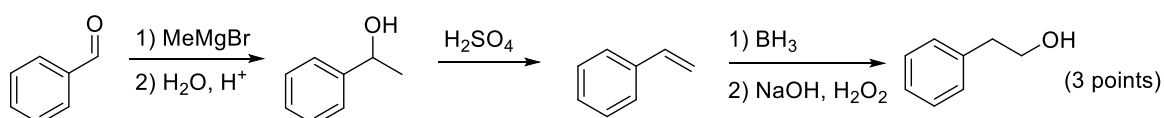
Proposer des conditions pour les réactions suivantes. Donner les mécanismes pour les étapes proposées.



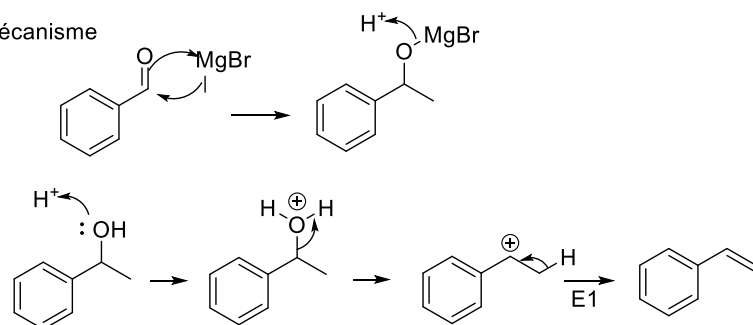
mécanisme

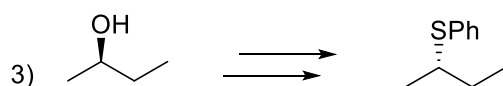
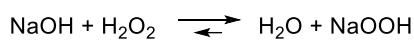
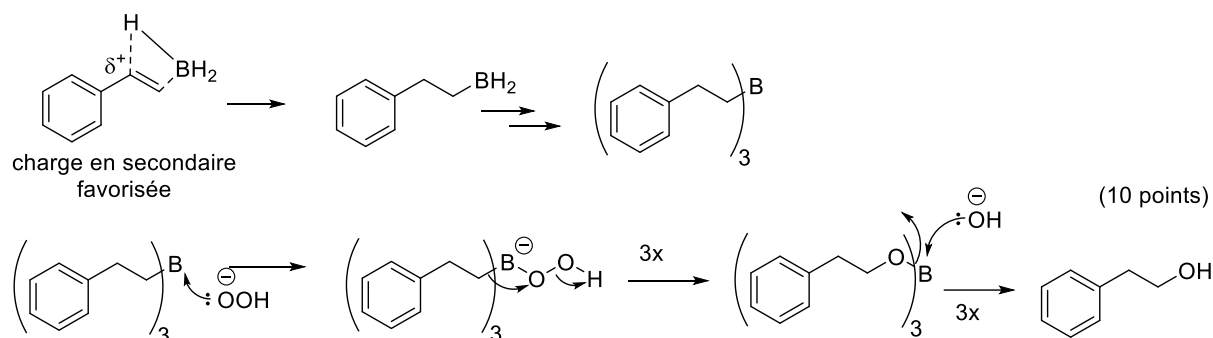


solution possible:

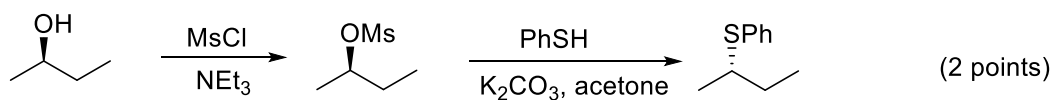


mécanisme

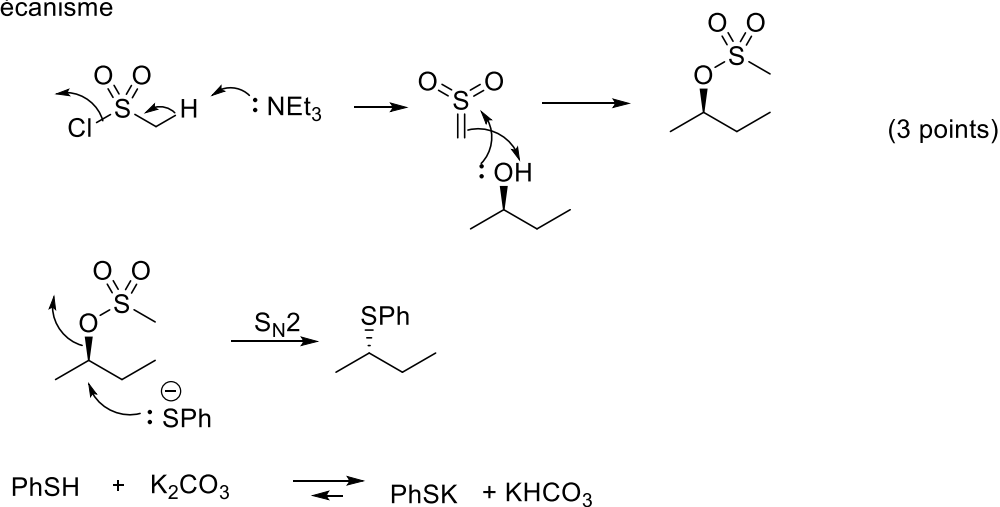




solution possible:

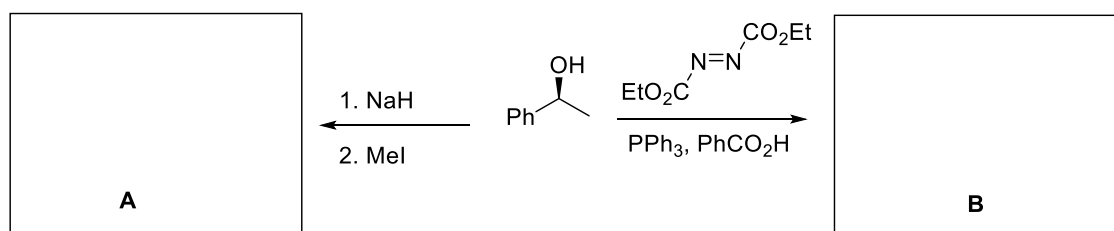


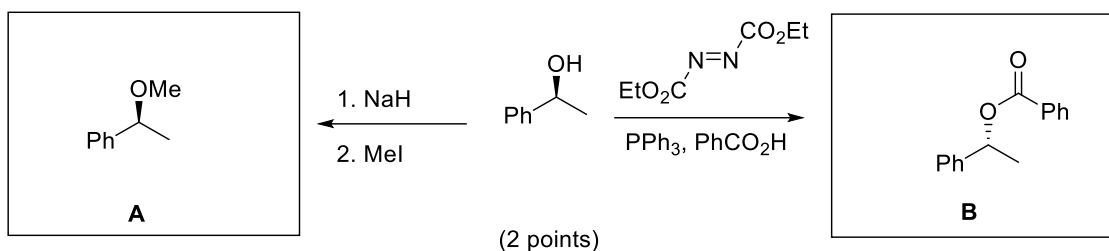
mécanisme



### Exercice 3 (7 points, examen 2020)

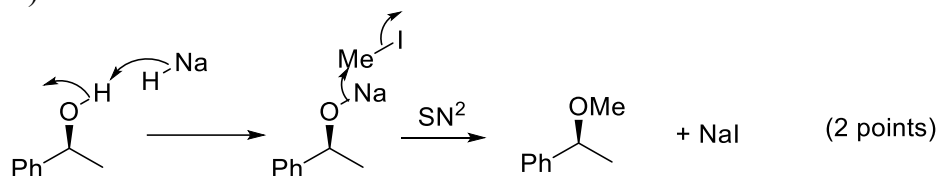
Indiquer les produits obtenus sous les conditions suivantes et proposer un mécanisme pour les transformations. Justifier les sélectivités observées si nécessaire.



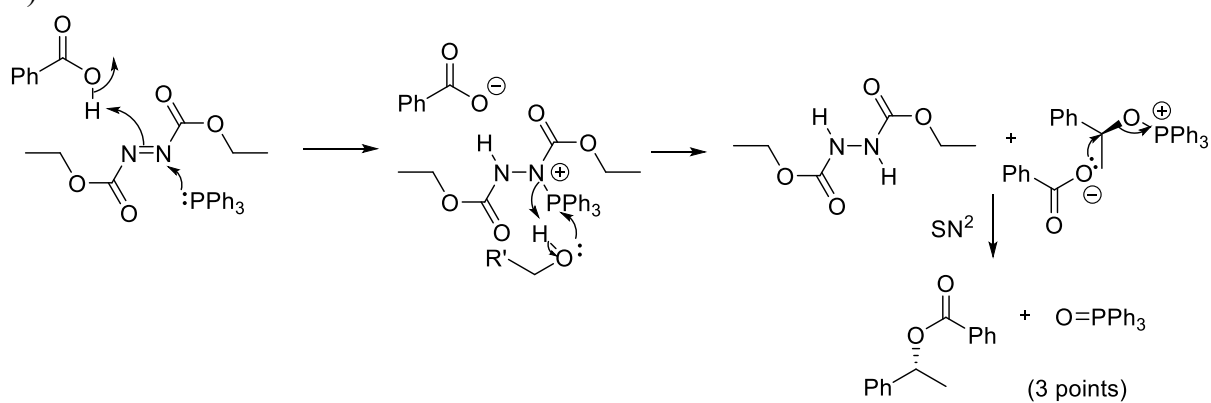


### Mécanisme

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.]