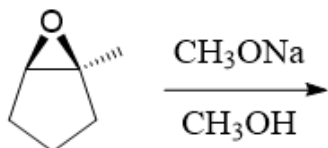


CHM 3150 Organic Chemistry II  
Dr. Laurie S. Starkey, Cal Poly Pomona  
Chapter 13 Ethers & Epoxides Part 2 – [Practice Problems](#)

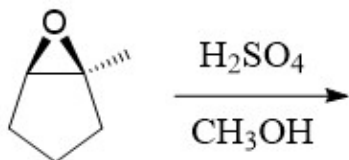
For clicker question voting, go to:  
<https://pollev.com/lauriestarke263>



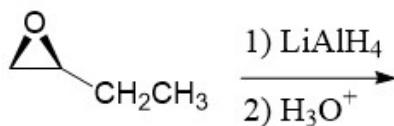
1 Predict the major product, and draw the mechanism.



2 Predict the major product, and draw the mechanism.

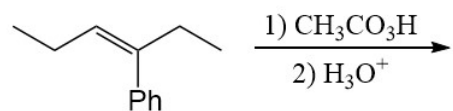


3 Predict the major product, and describe the mechanism.



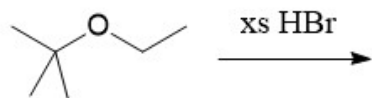
- A) Protonate, attack, deprotonate
- B) Protonate, attack
- C) Deprotonate, attack
- D) Deprotonate, attack, protonate
- E) Attack, protonate

4 Predict the major product.



5 6

Predict the major products, and draw a mechanism.

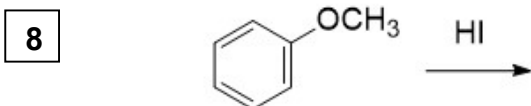


7

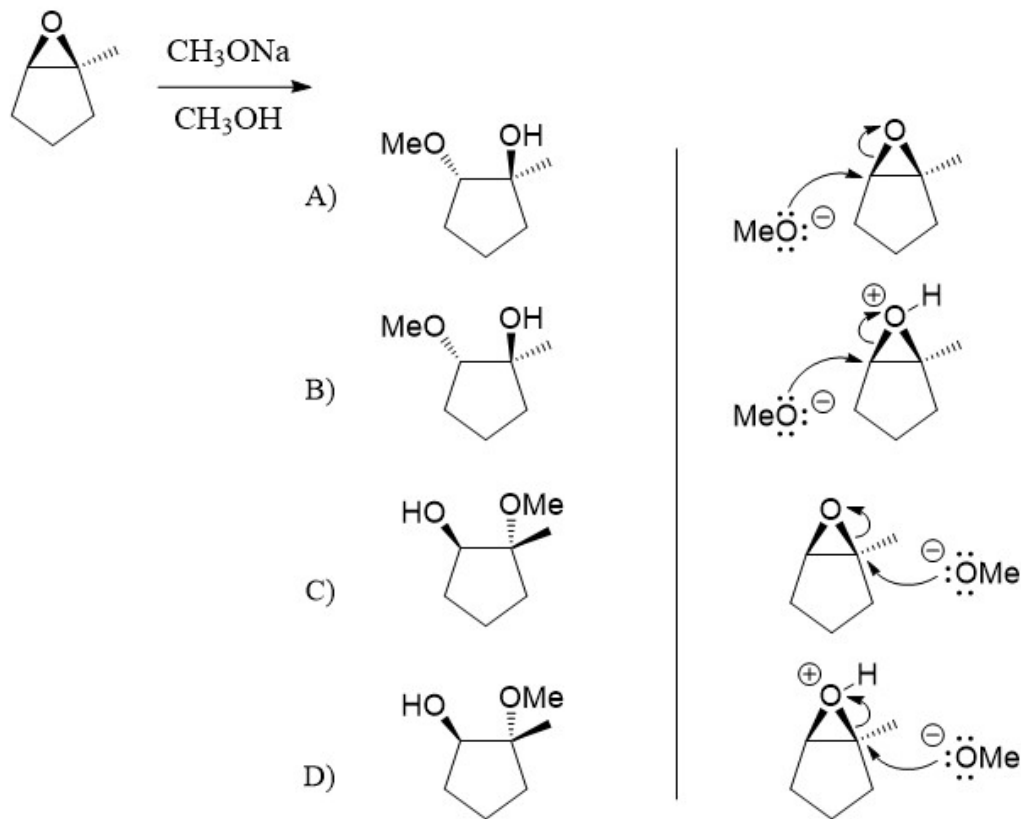
Which reagents would be best to achieve the following synthesis?



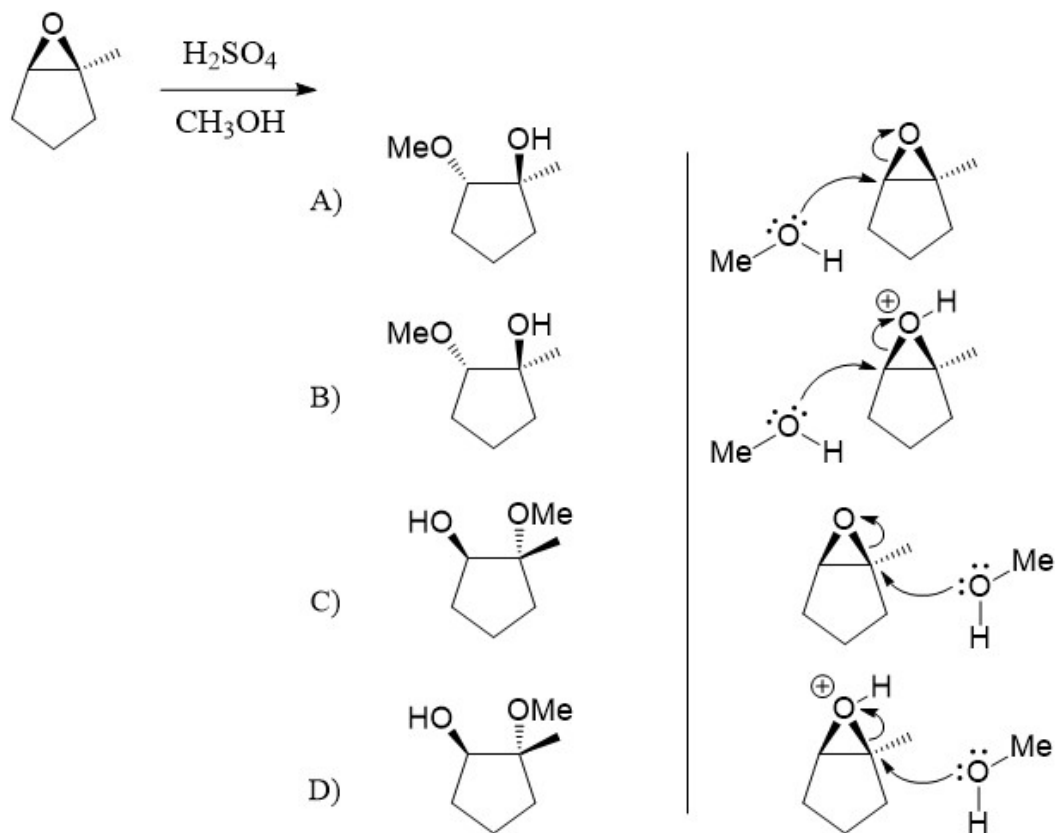
Predict the major products.



1 Predict the major product, and select the correct mechanism step.

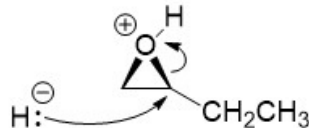
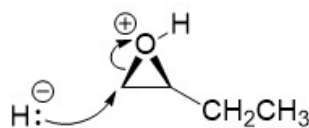
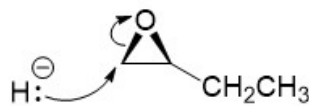
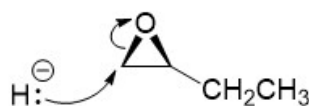
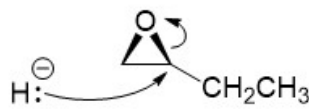
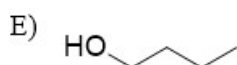
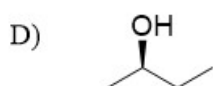
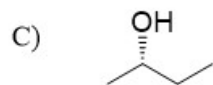
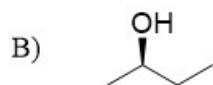
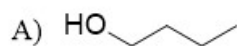
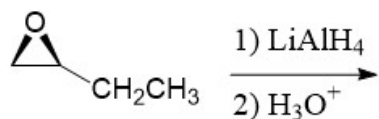


2 Predict the major product, and select the correct mechanism step.



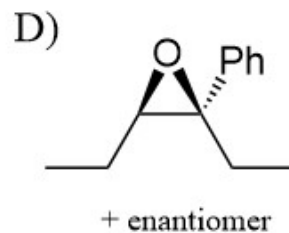
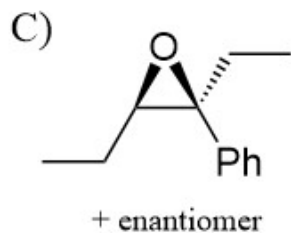
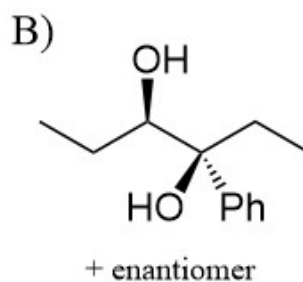
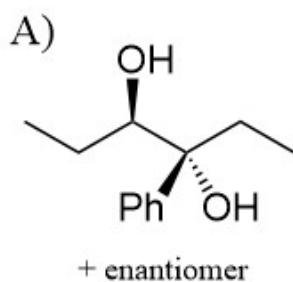
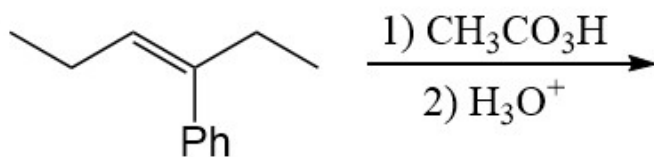
3

Predict the major product, and select the correct mechanism step.



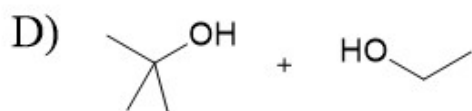
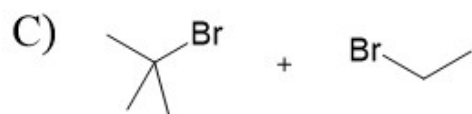
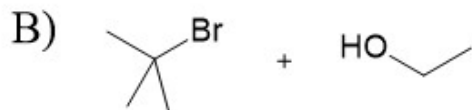
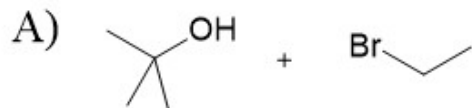
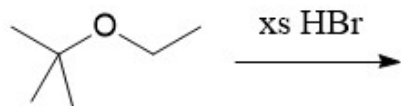
4

Predict the major product.



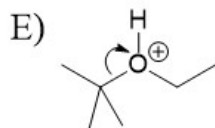
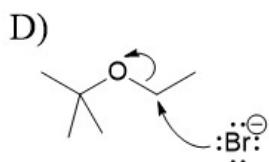
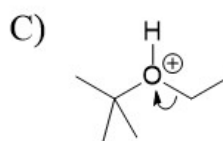
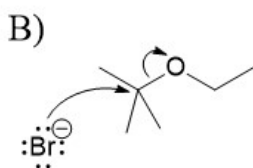
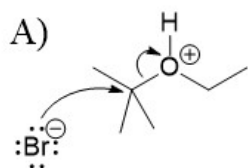
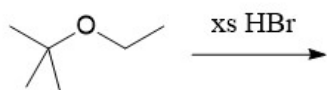
5

Predict the major products of the following reaction.



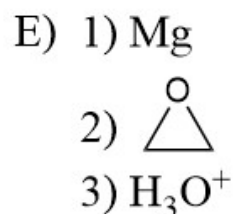
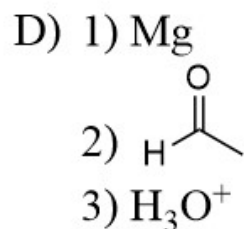
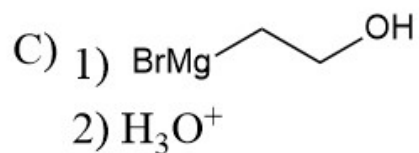
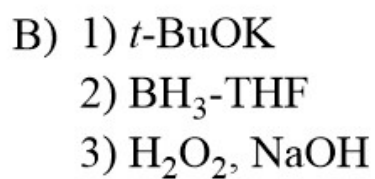
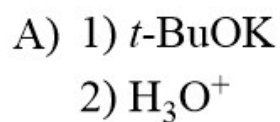
6

Which of the following is a correct mechanism step for the given reaction?



7

Which reagents would be best to achieve the following synthesis?



8

Which of the following are the major products of the reaction shown?

