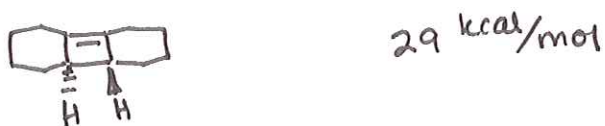
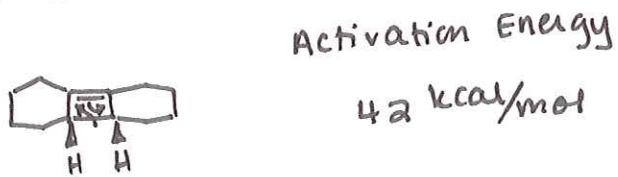


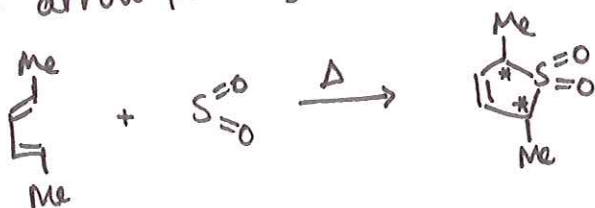
Discussion Section 8

Practice Problems:

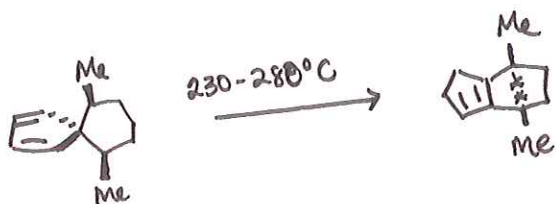
① Explain why the activation energies differ in the following thermal electrocyclic ring openings:



② Draw arrow-pushing mechanism & predict stereochemistry of pdt.

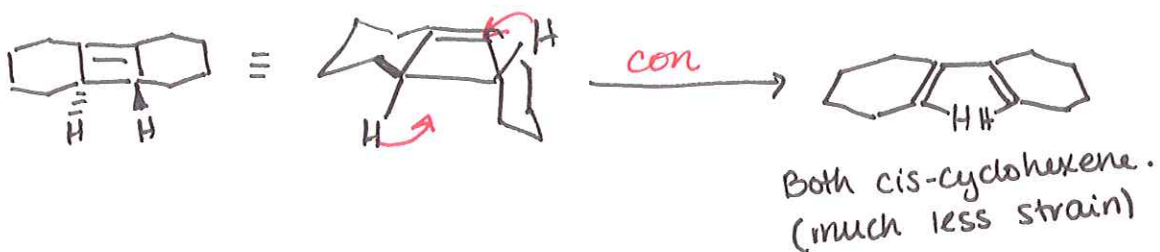
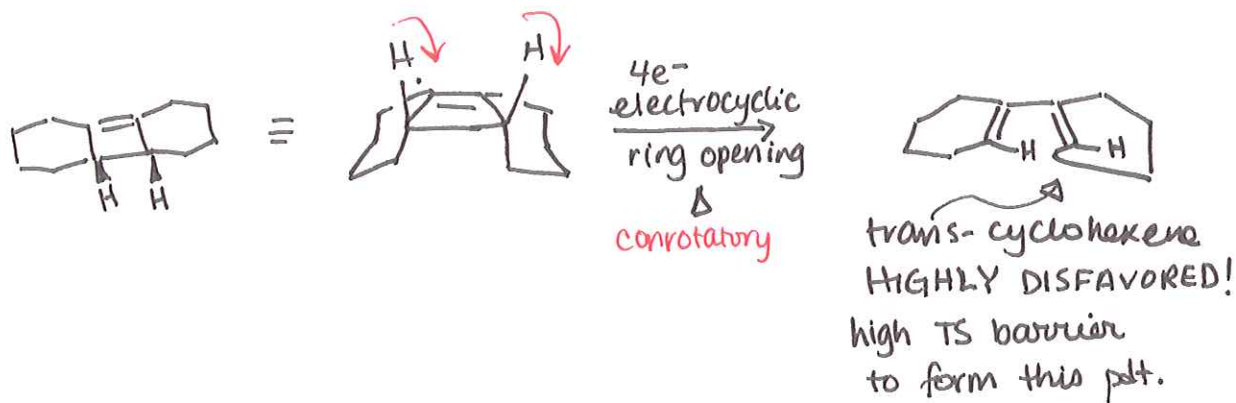


③ Draw arrow-pushing mechanism & predict stereochemistry of pdt.



Answers

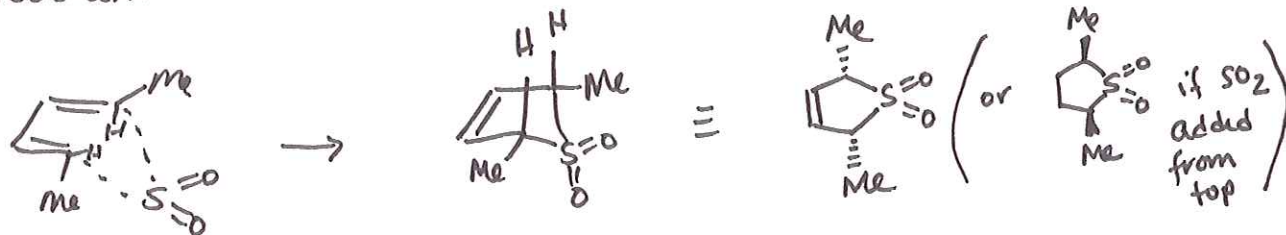
①



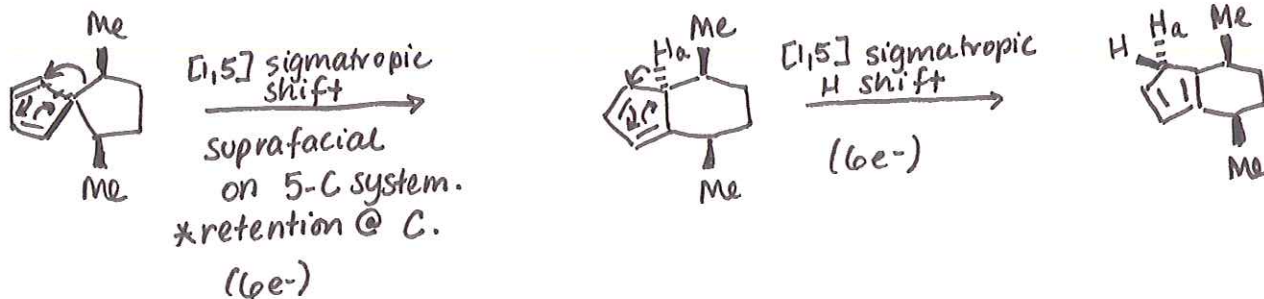
②



Stereochem:

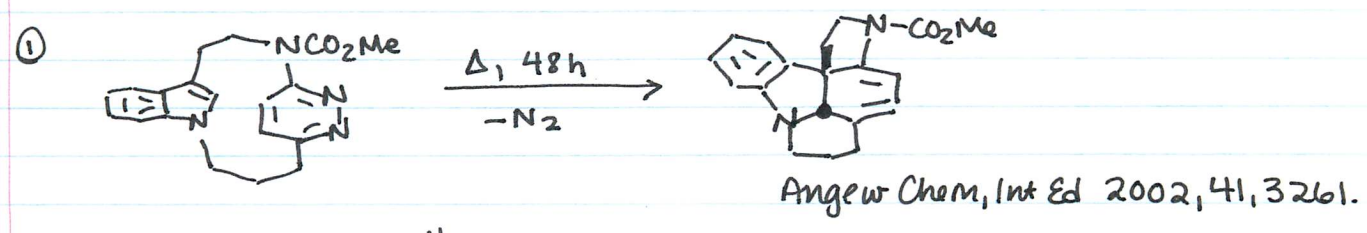


③

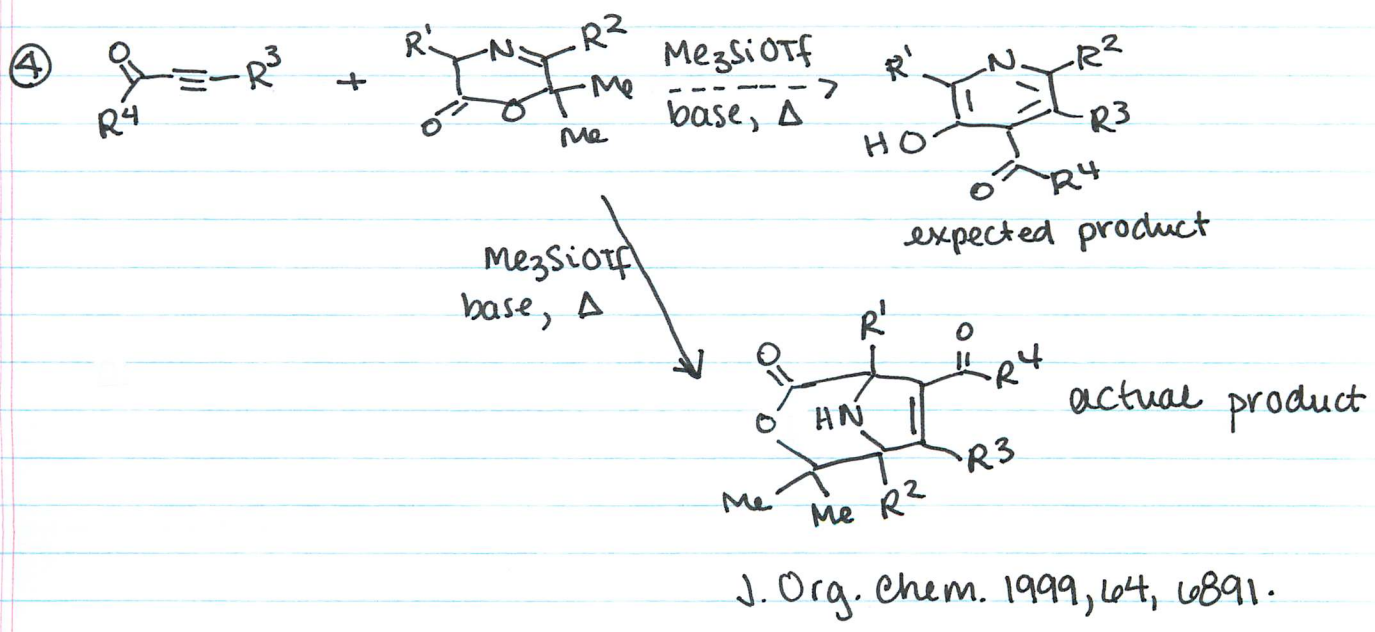
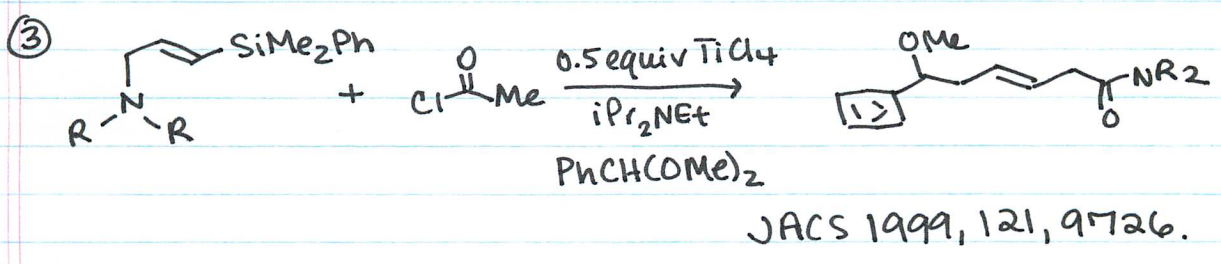
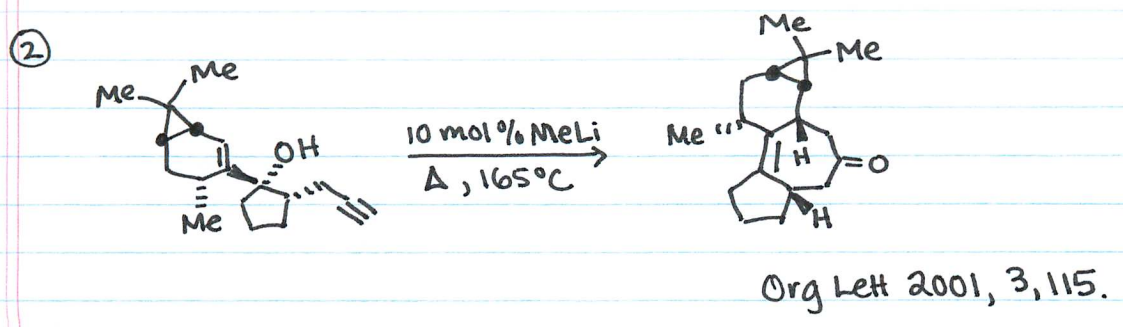


### Practice Problems

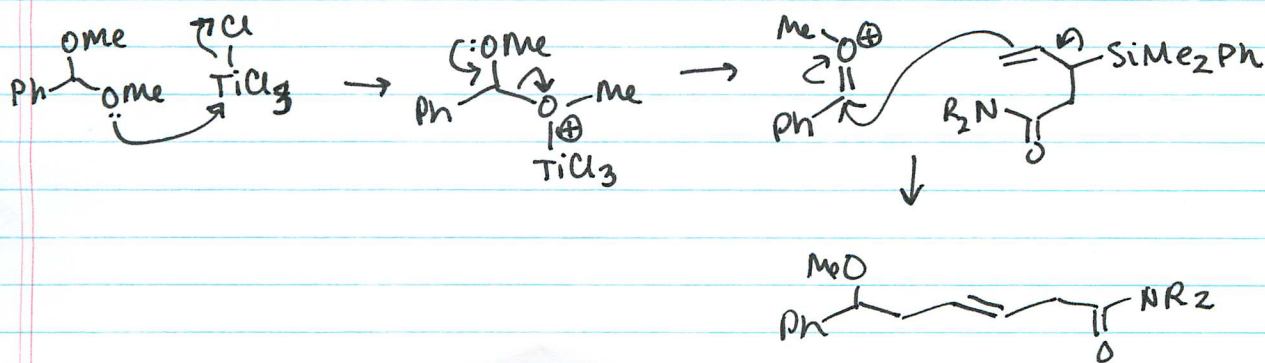
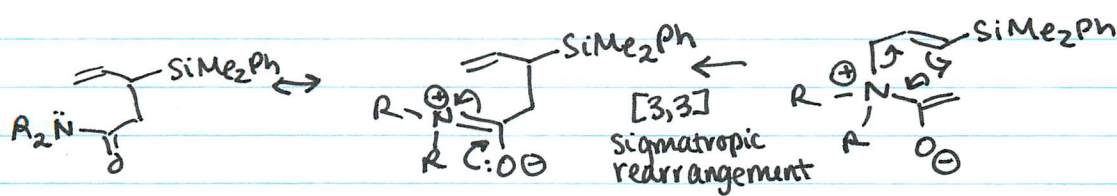
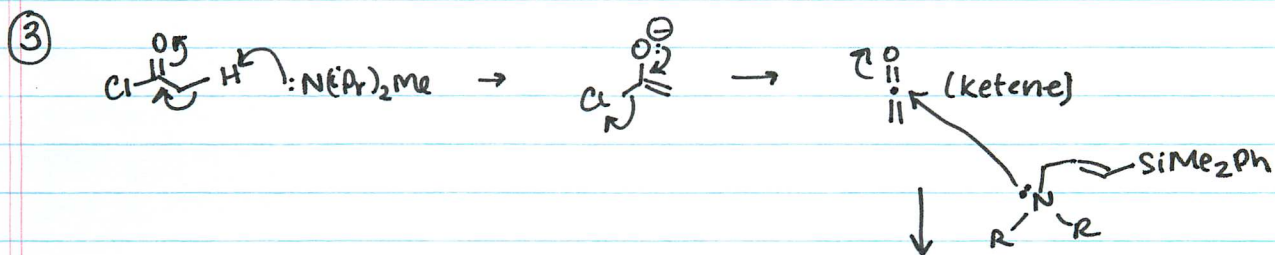
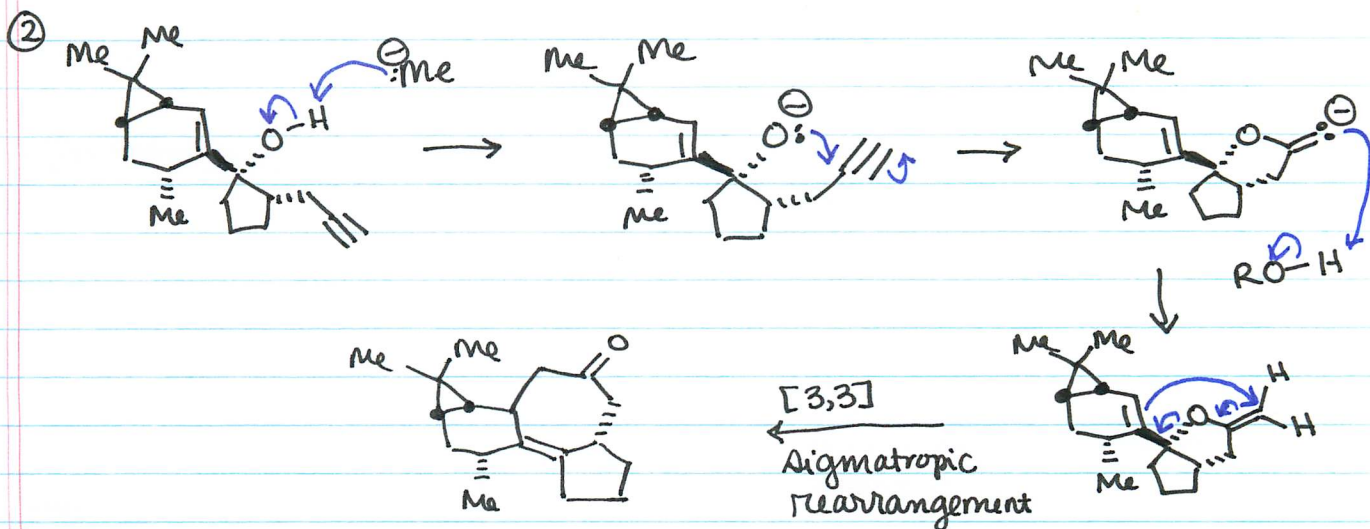
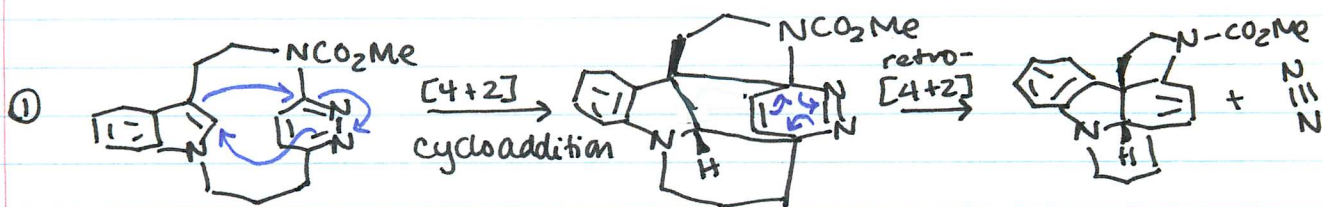
Please propose reasonable arrow-pushing mechanisms for the following transformations.



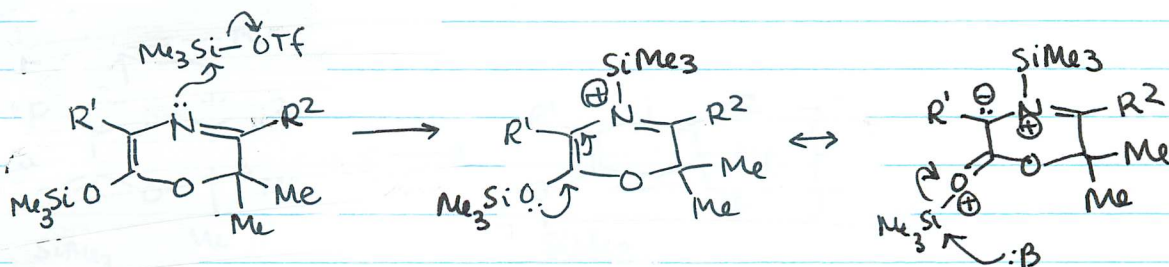
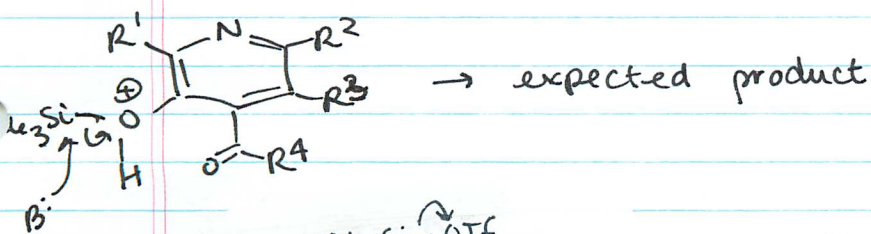
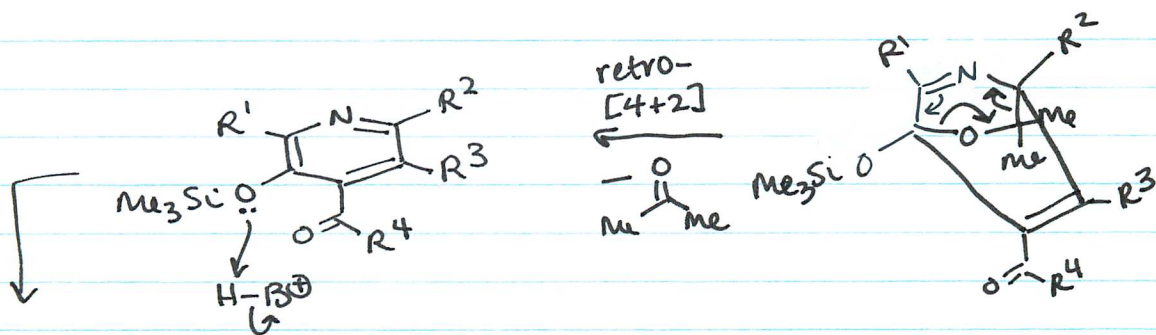
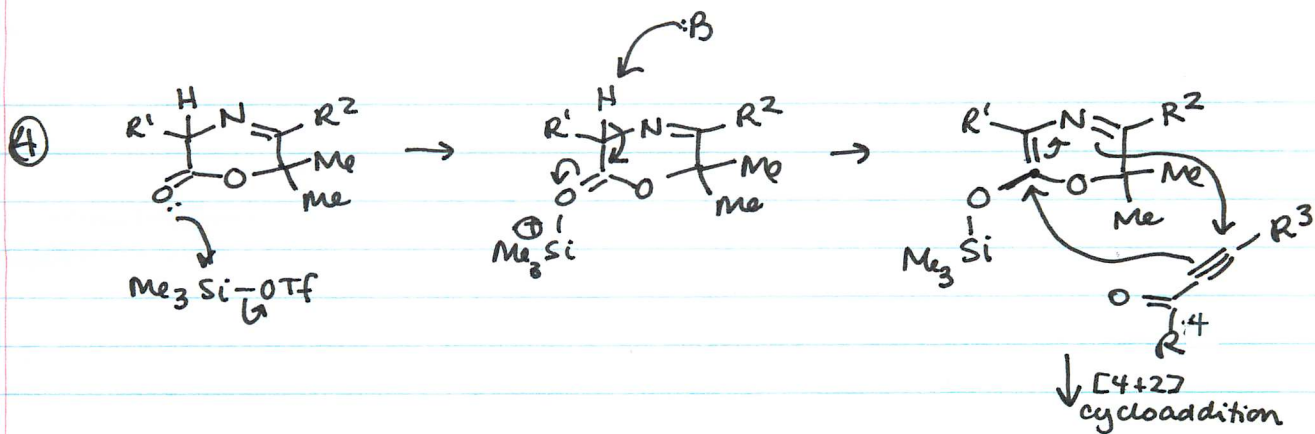
(Note: )



Discussion Section 8 (12/1/11)  
Practice Problems - Answer Key







Observed  
Pdt

