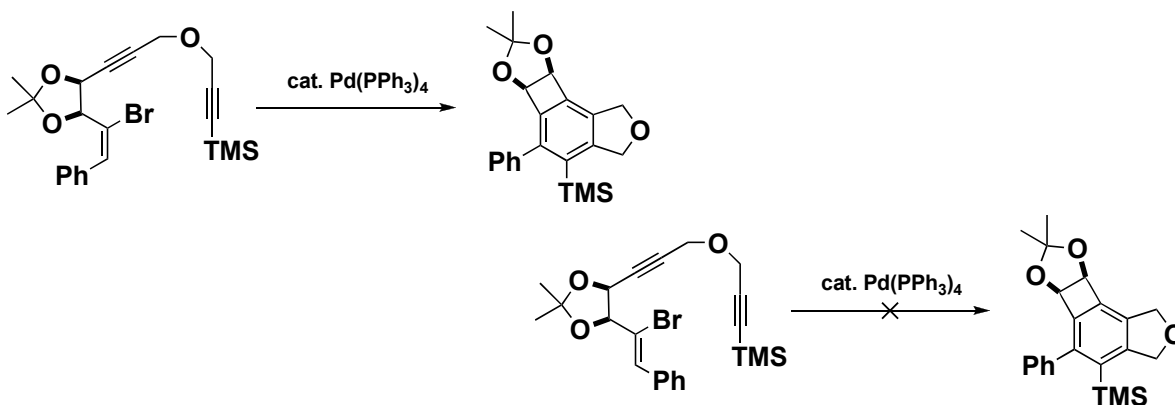
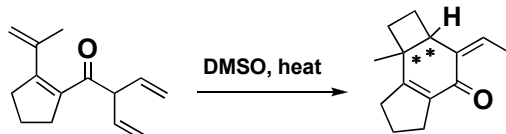


Sonia's Problems (31/10/08) - all with a common theme!

1. Give a reaction mechanism and explain the difference in reactivity between the E and Z isomers.



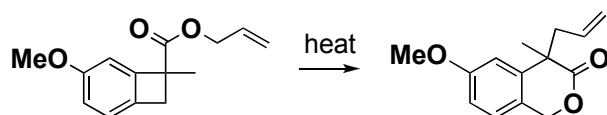
2. Give a reaction mechanism and predict the stereochemical outcome.



3. Explain the formation of the two products shown.



4. Give a reaction mechanism for the following transformation.



5. Provide a mechanism and predict the stereochemical outcome of the reaction below.

