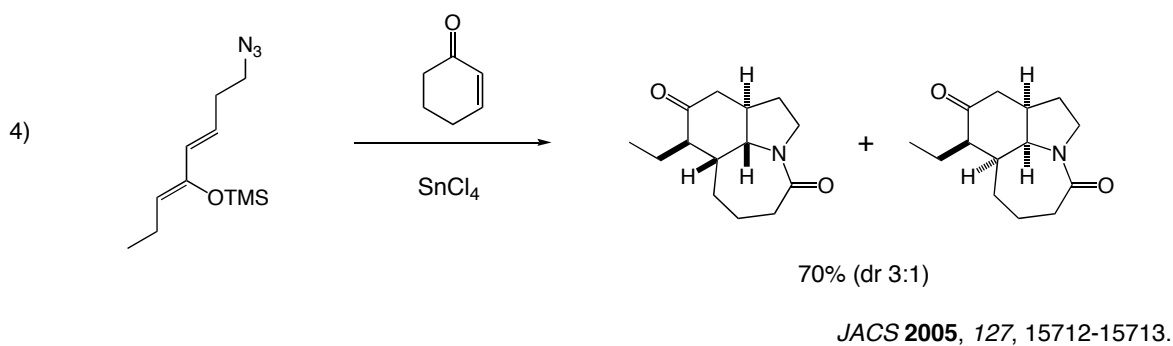
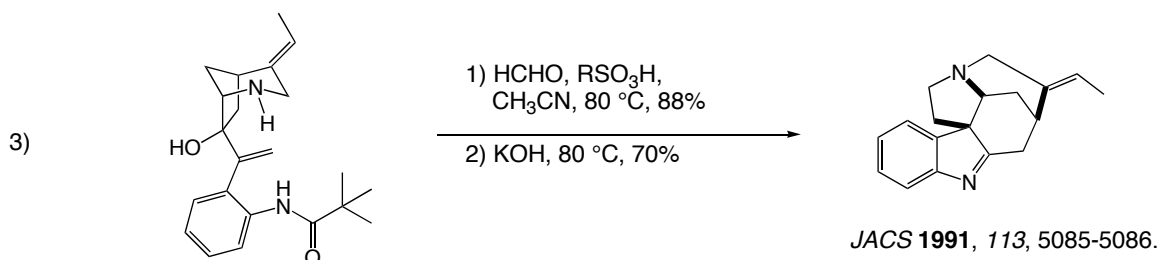
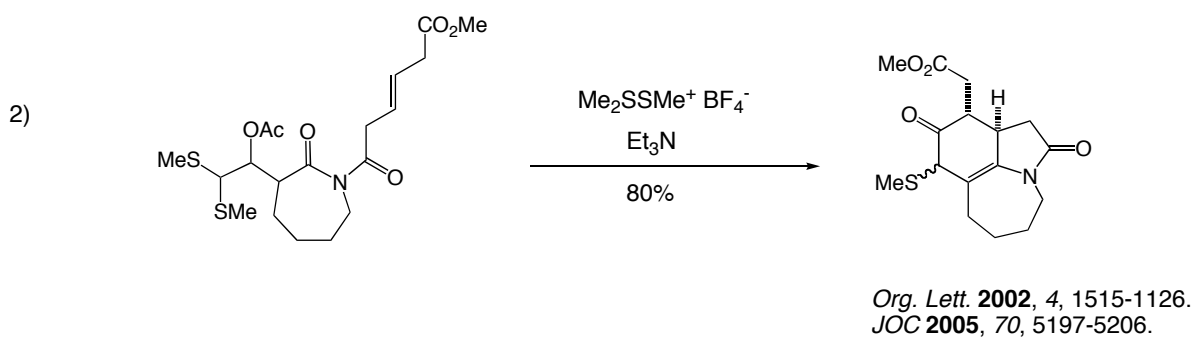
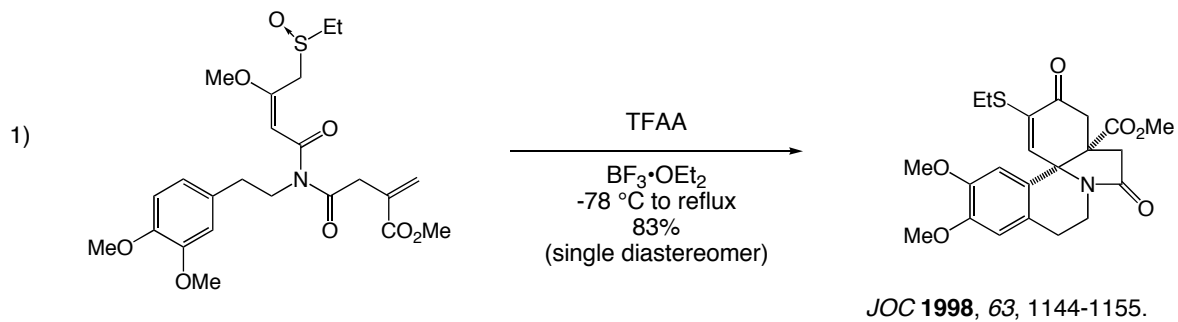
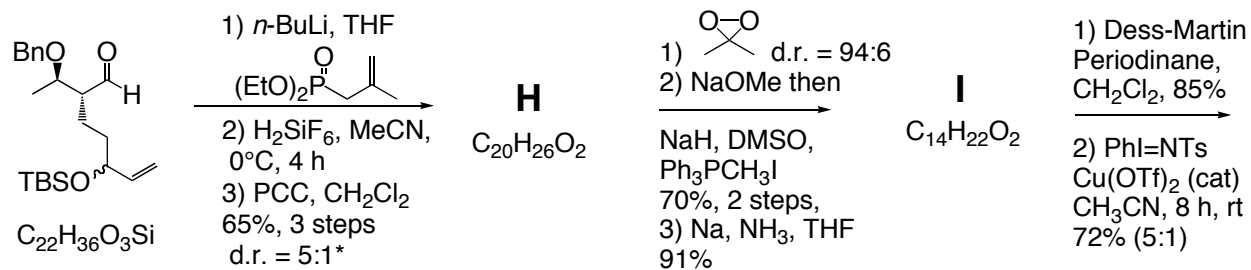


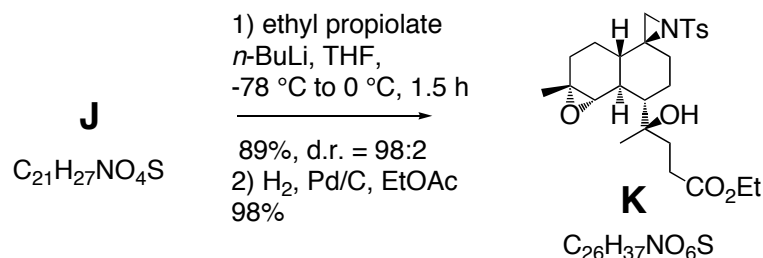
Provide a mechanism for the following transformations:



5) Provide the structures **H** to **J** and rationalize all diastereoselectivities (*Org. Lett.* **2004**, 6, 1123-1126).



*minor component of the dr is actually the combined yield of three undesired stereoisomers



6) Provide the structures **L** to **O** (*Org. Lett.* **2004**, 6, 1123-1126).

