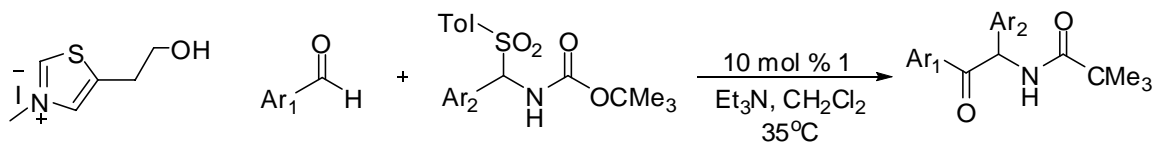
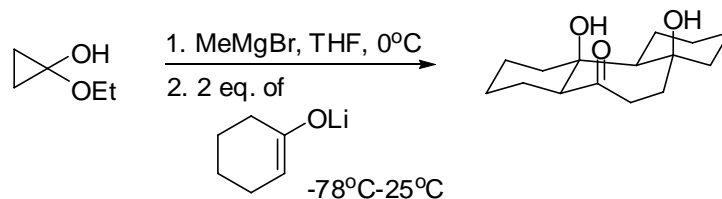


Problems for Group Meeting:

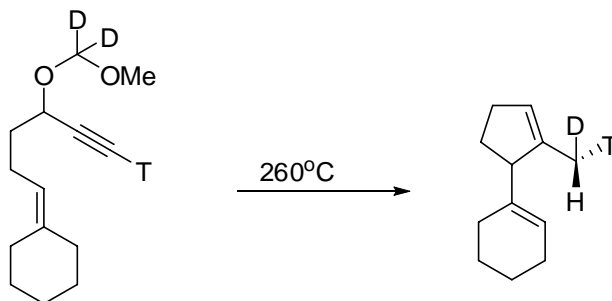
1. Provide the mechanism for the following transformation (Murry et al., *JACS* **2001**, 123, 9696-9697).



2. Provide the possible mechanism and explain the stereochemical outcome. (*JACS* **1986**, 108, 8313)



3. Provide a mechanism for this transformation (*Chem. Commun.*, 1975, 921)



4. Provide a mechanism for the following transformation (*Tetrahedron Lett.* **1998**, 39, 4133)

