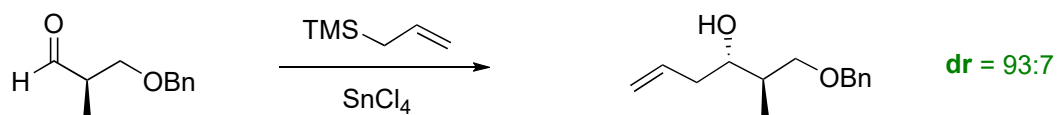
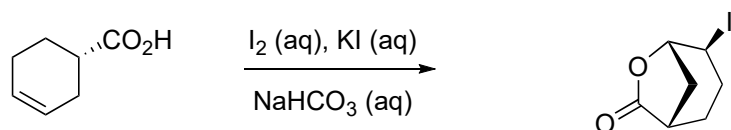
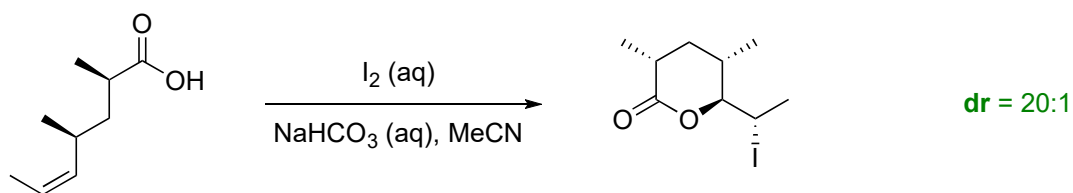
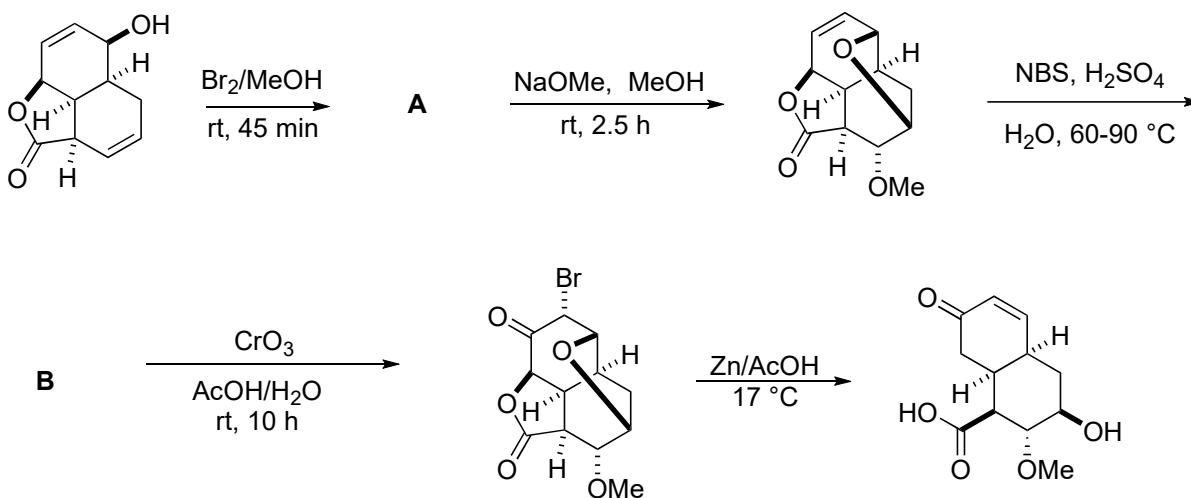


1) Provide a mechanism and explain the stereoselectivity of the following reactions



2) Provide mechanisms for all steps and identify **A** and **B**



3) Propose a mechanism of the following reactions

