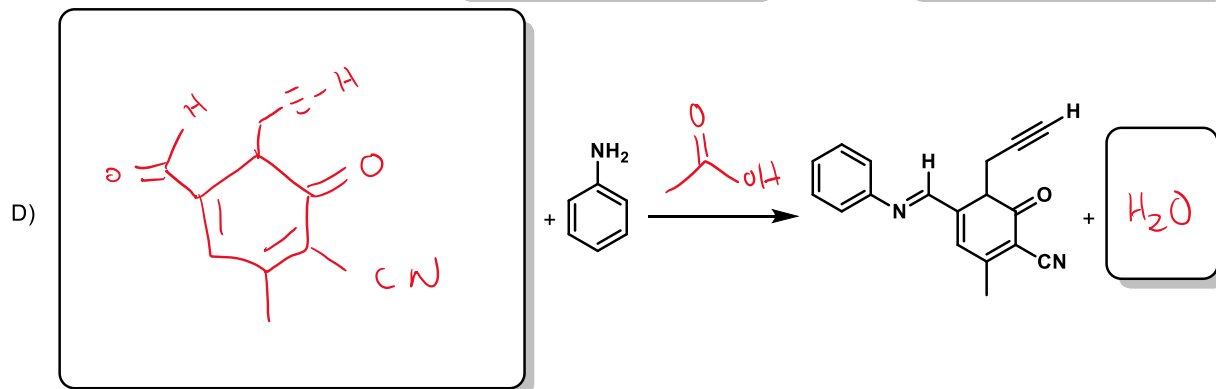
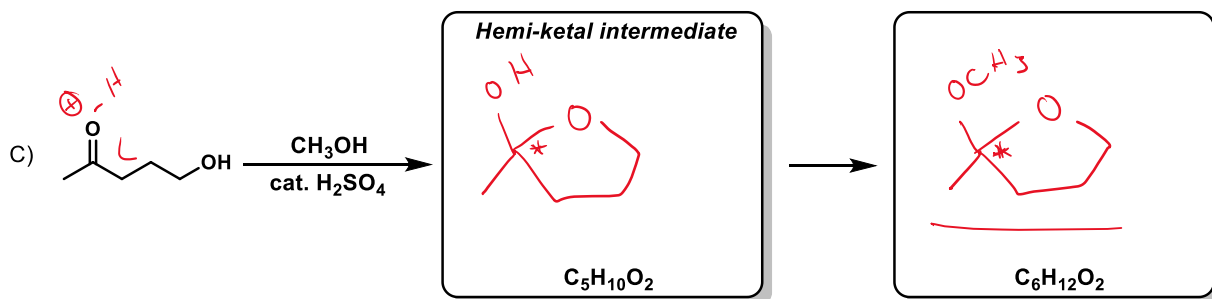
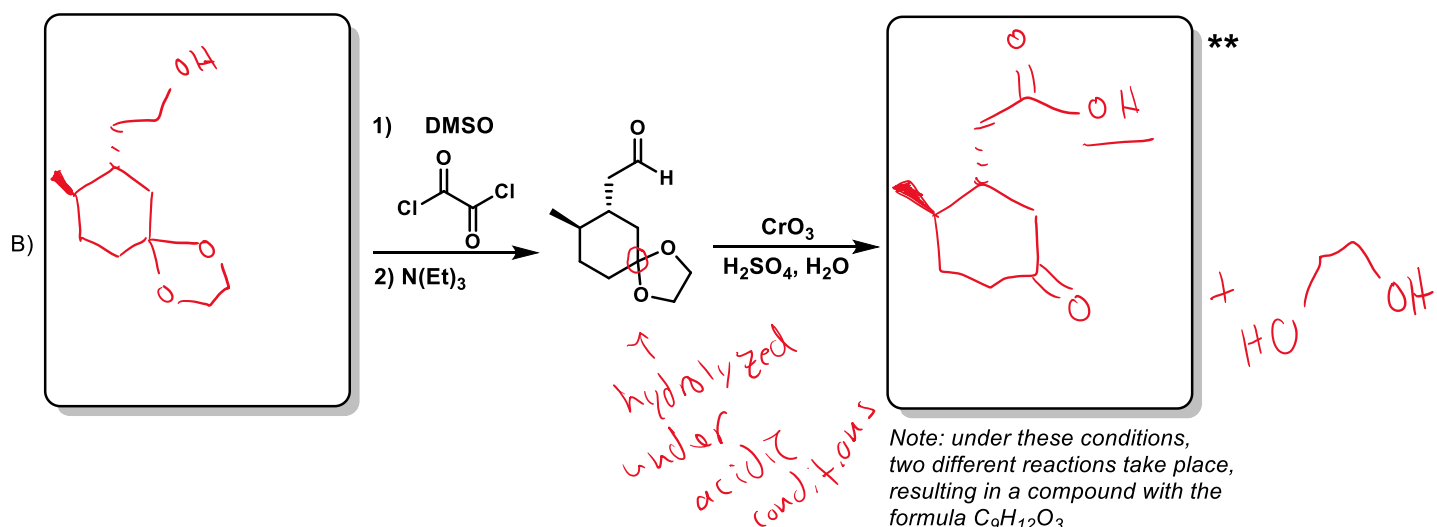
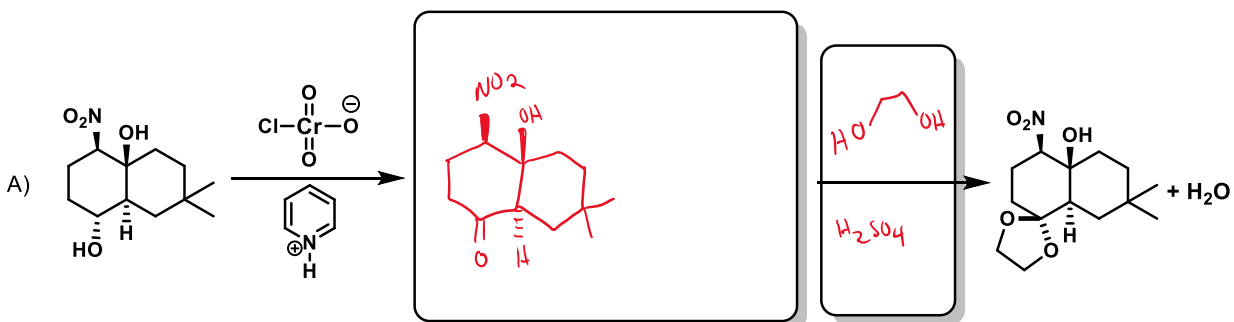
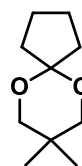
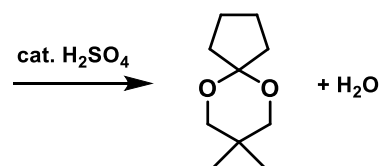
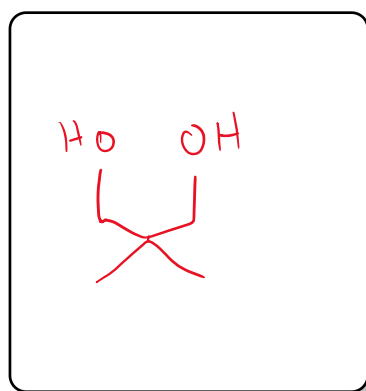
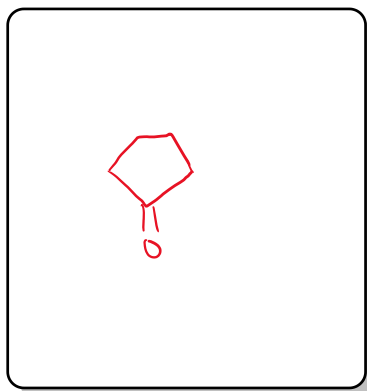


1. **Quick Synthesis.** In the boxes, fill in the correct reagent or product for the reactions given.

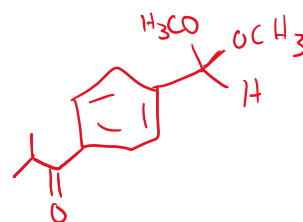
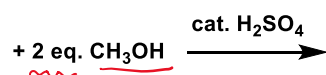
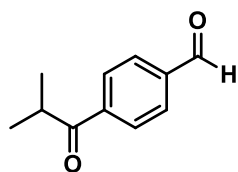


E)



+ H_2O

F)



2. **Mechanism.** 2-aminobenzylalcohol reacts with aldehydes to give oxazines. The oxazine is in equilibrium with a structural isomer, an imine. Provide a mechanism for imine formation, followed by how the oxazine is generated from the imine intermediate.

