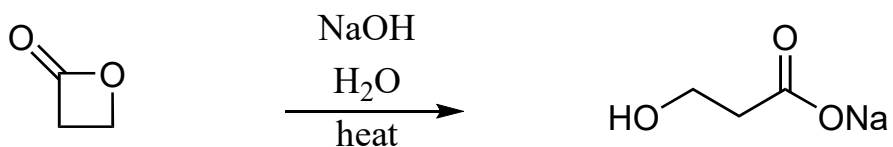
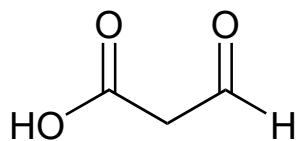
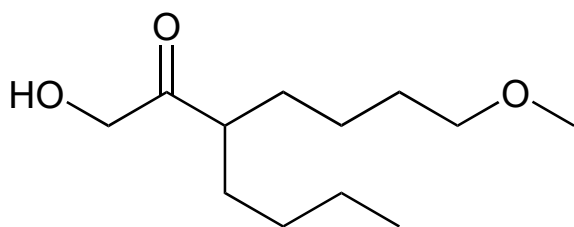


4A) (8 pts) Provide a complete mechanism for the reaction shown below.  
Pay close attention to details, including lone pairs, formal charges and the use of curved arrows.



4B) (12 pts) Name the following compounds according to the IUPAC rules. Remember to designate stereochemistry, when appropriate.



Draw isopropyl acetate.