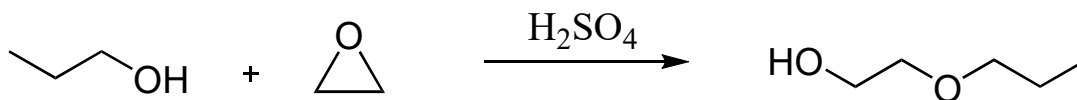
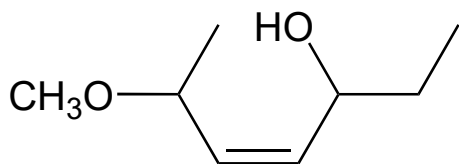


5A) (8 pts) Provide a complete mechanism for the following reaction. Pay close attention to details, including lone pairs, formal charges and the use of curved arrows.



5B) (10 pts) Name the following compounds according to the IUPAC rules. Be sure to indicate stereochemistry, when appropriate. **You must show your work for full credit.**

a)



b)

