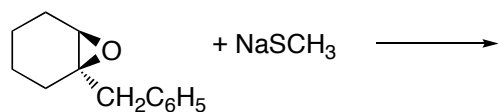
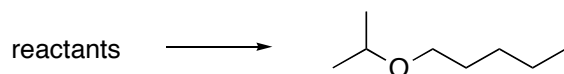


1. Show the mechanism and product with correct stereochemistry of sodium methanethiolate reacting with the epoxide below.



2. Predict the best reactants for creating the ether below.



3. Draw the organic product for the reaction below.

