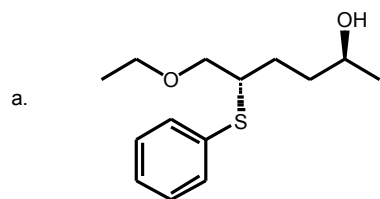


QUIZ 2 (50 points)

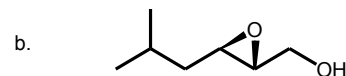
Name _____

1. Name the following compounds.

(20 points)



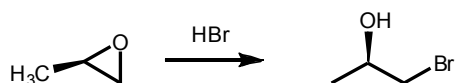
(2S)-6-ethoxy-5-(phenylthio)hexan-2-ol



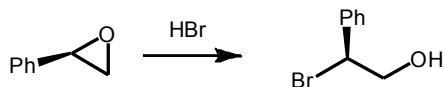
(2R,3R)-2,3-epoxy-7-methylhexan-1-ol

2. Provide an explanation for the different regiochemistry (hint: what's Ph?) .

(10 points)

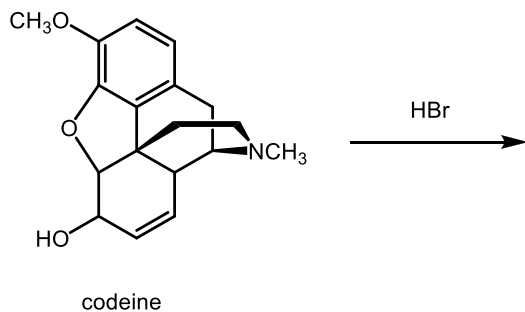


In the top case, protonation of



3. Show the products (the main product is a very famous opiate – this was shown in class)

(10 points)



4. Show reagents and conditions to accomplish the following

(10 points)

