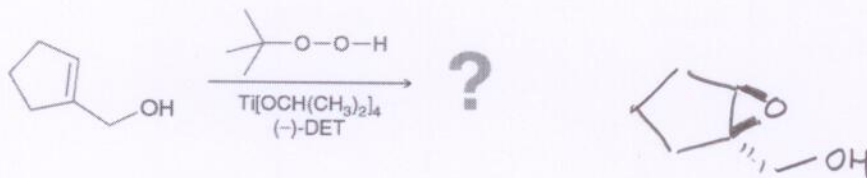
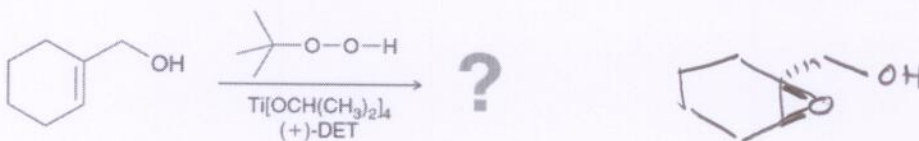


Quiz 2 (40 points)

Name Key

1. Show the products in each. Be clear about the stereochemistry. (10 points)

(cyclohex-1-enyl)methanol



(cyclopent-1-enyl)methanol

2. Provide IUPAC names for both starting materials and both products (epoxides). (20 points)

((1S,2S)-1,2-epoxycyclohexyl)methanol

((1R,2R)-1,2-epoxycyclopentyl)methanol

3. Draw the structure of the of the following compound (with correct stereochemistry): (10 points)

(2S,3S)-2-(bromomethyl)-3-isopropylloxirane

