

Name: \_\_\_\_\_

**Organic I Lecture**

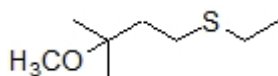
**Fall 2012**

**Quiz #11**

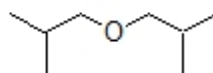
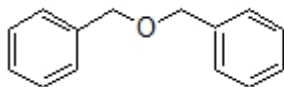
(10 points)

1. Show how you would use the Williamson ether synthesis to make benzyl tert-butylether. (3 points, see problem 14-9e)

2. Provide an IUPAC name for the following compound. (2 points)



3. Circle the following ether compound that is most prone to peroxide formation. (2 points)



4. Complete the following reaction by drawing a structure of the expected product. (3 points)

