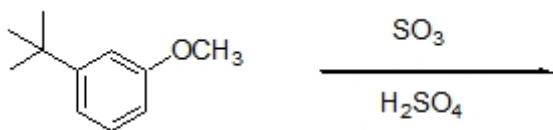


Name: \_\_\_\_\_

**Organic II Lecture**  
**Fall 2012**  
**Quiz #4**  
(10 points)

1. Propose products (if any) resulting from 3-chloro-2,2-dimethylbutane reacting with isopropylbenzene in the presence of an  $\text{AlCl}_3$  catalyst. (3 points, problem 17-17c)

2. Provide a common name for the following reactant and then draw a structure for the expected product of the reaction below. (5 points)



Common Name

3. In uv/vis spectroscopy, what value corresponds to the benzenoid band of benzene. (2 points)