



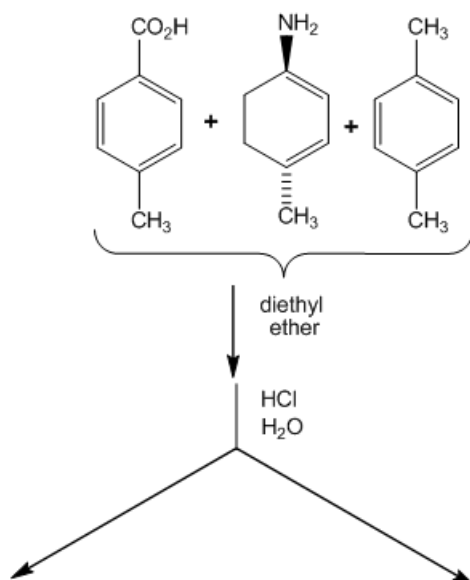
# ORGOREVIEW

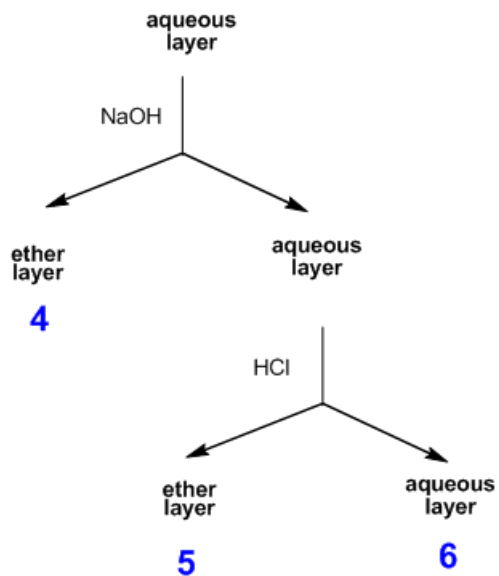
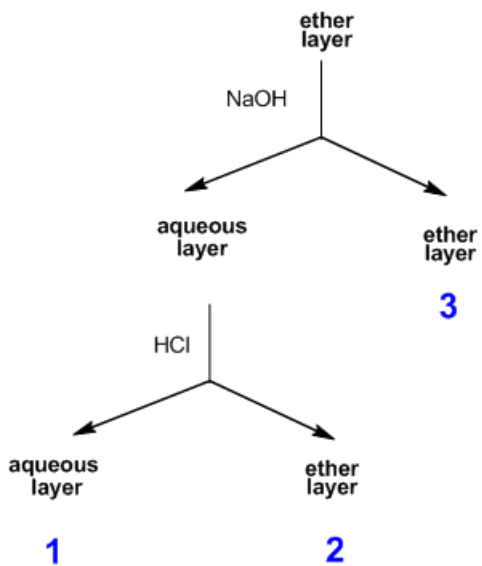
## Question Vault

Welcome to orgoreview question vault. We have 5000 more problems for you to solve.

Share

A student in the lab had a mixture of three compounds, 4-methylbenzoic acid, 4-methylcyclohexylamine and 1, 4-dimethylbenzene. In order to separate the three compounds the following extraction (separation) scheme was followed. At the end of the procedure the student had six separate flasks containing either an aqueous or an ether solution. Locate each compound by designating the flask expected to contain each compound. Some relevant pKa data is given.





Which flask contains the 4-methylbenzoic acid?

- ☐ (A) 1   ☐ (B) 2   ☐ (C) 4   ☐ (D) 5   ☐ (E) 6

#### How to Reach Us

Todd's Test Prep  
2255 Glades Road  
Suite 324A  
Boca Raton, Florida 33431  
E-mail: [help@orgoreview.com](mailto:help@orgoreview.com)

#### Links

[Contact](#)  
[Terms](#)  
[Privacy Policy](#)

follow us

