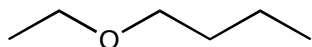


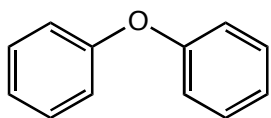
Name the following compound:



Draw the structure of:

Butyl ethyl ether

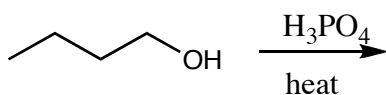
Name the following compound:



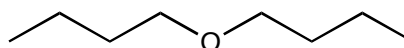
Draw the structure of:

Diphenyl ether

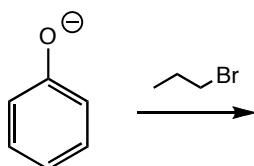
Expected product of the following condensation reaction:



Conditions to synthesize the following ether from a condensation reaction:



Expected product from the following Williamson ether synthesis:



What reagents necessary to synthesize the following using the Williamson ether synthesis:

