

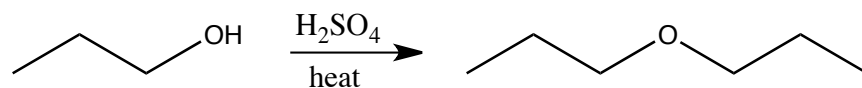
Chem 343 – Organic Reactions

Chapter 11

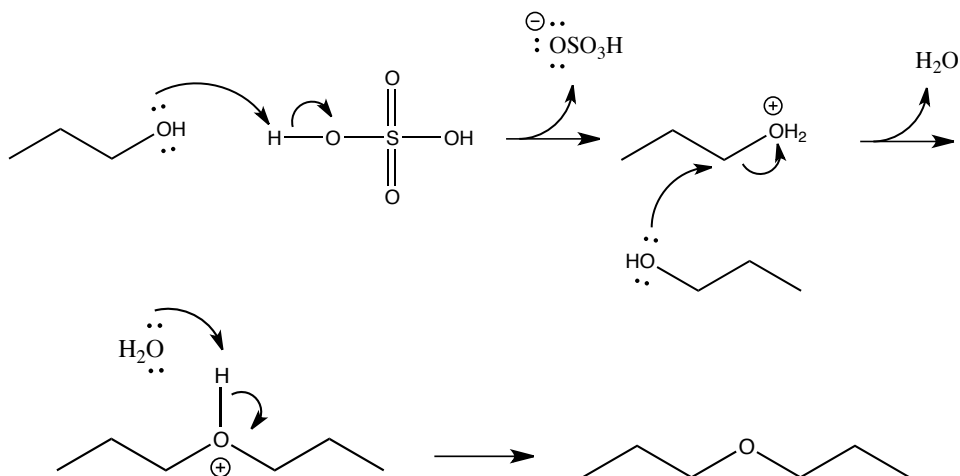
Prepared by José Laboy, MS

<http://www.chem.wisc.edu/areas/clc> (Resource page)

Synthesis and Reactions of Ethers #1: Ethers from 1° Alcohols



Mechanism



This reaction works well for small chain 1° alcohols. Temperature has to be controlled. Above 160°C elimination occurs and terminal alkenes are formed.

This reaction does not work for 2° alcohols. The major products are alkenes.