

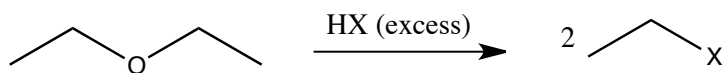
Chem 343 – Organic Reactions

Chapter 11

Prepared by José Laboy, MS

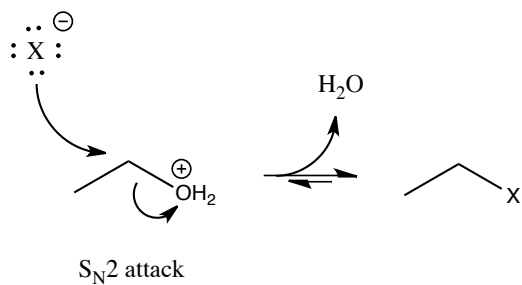
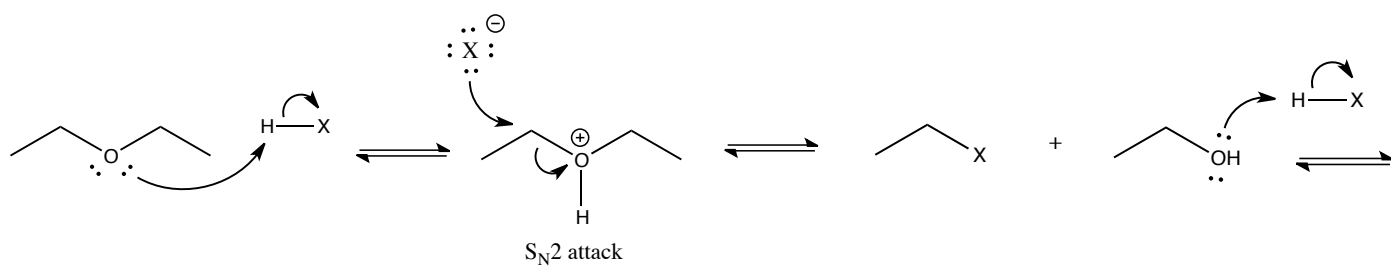
<http://www.chem.wisc.edu/areas/clc> (Resource page)

Synthesis and Reactions of Ethers #3: Reaction of Ethers with HX



X = Cl, Br, I

Mechanism



The reaction has to be run under anhydrous conditions. The formation of water pushes the equilibrium toward the product. Also removing the alkyl halide as it forms favors the products.