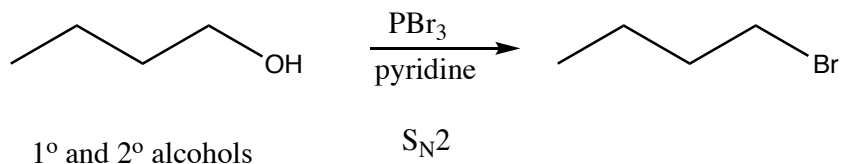
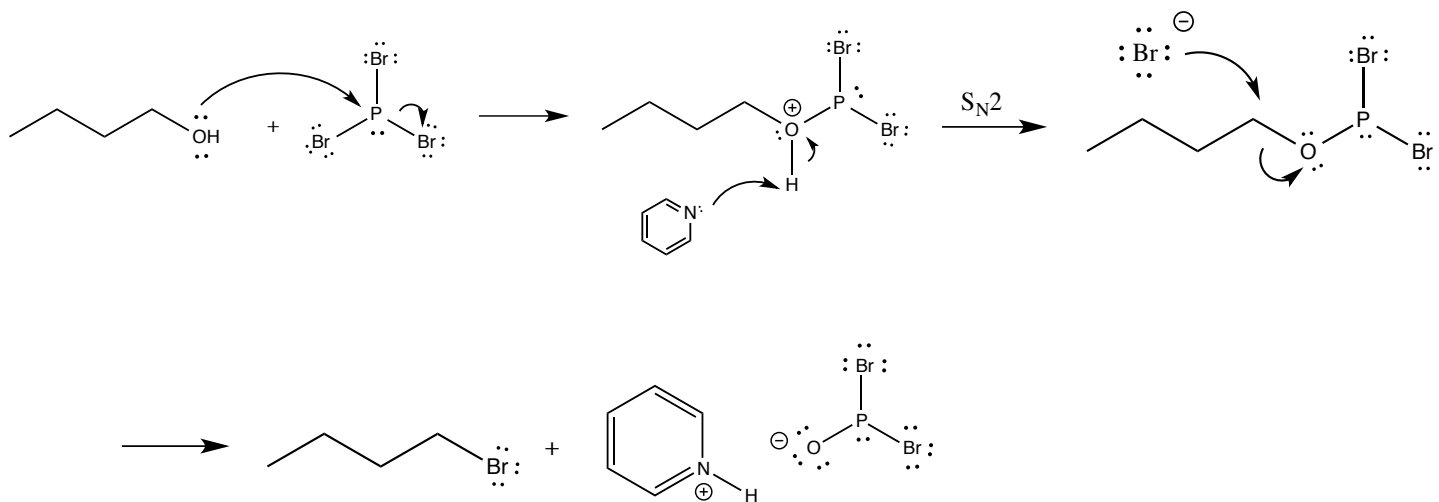


**Chem 343 – Organic Reactions**  
**Chapter 10**

Alkyl Bromides from 1° and 2° Alcohols



Mechanism



If the reagent alcohol is a 2° alcohol there will be inversion of configuration.  
Tertiary alcohols cannot be converted to alkyl halides by this method.

Care should be taken with 2° alcohols which can produce rearrangement products.  
To prevent rearrangements the use of sulfonate ester derivatives and a halide ion in a polar aprotic solvent, as an  $S_N2$  reaction, is the best choice.

*Prepared by José Laboy, MS*