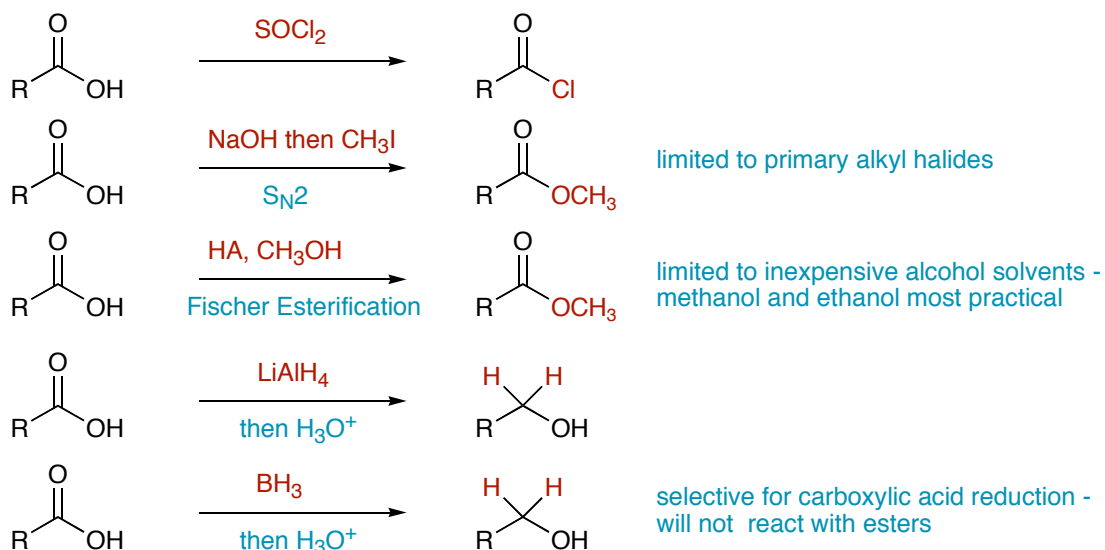


Chapter 21 - Carboxylic Acid Derivatives and Nucleophilic Acyl Substitution

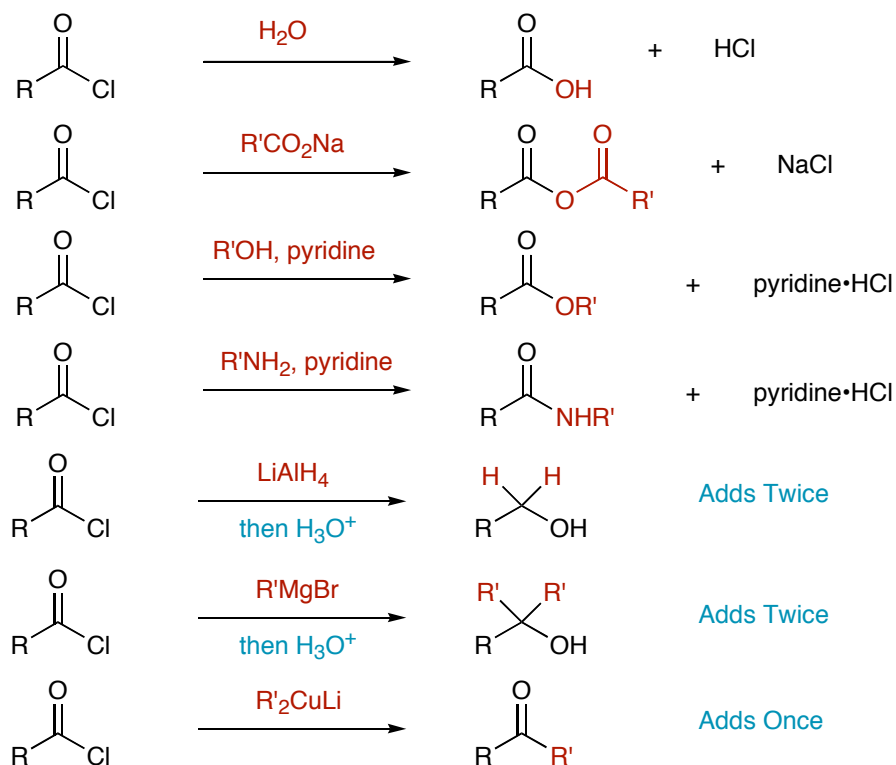
Overview of Carboxylic Acid Derivative Chemistry

Here is a summary of the reactions of carboxylic acids and their derivatives. Notice the differences when using weak nucleophiles vs. strong H or C nucleophiles.

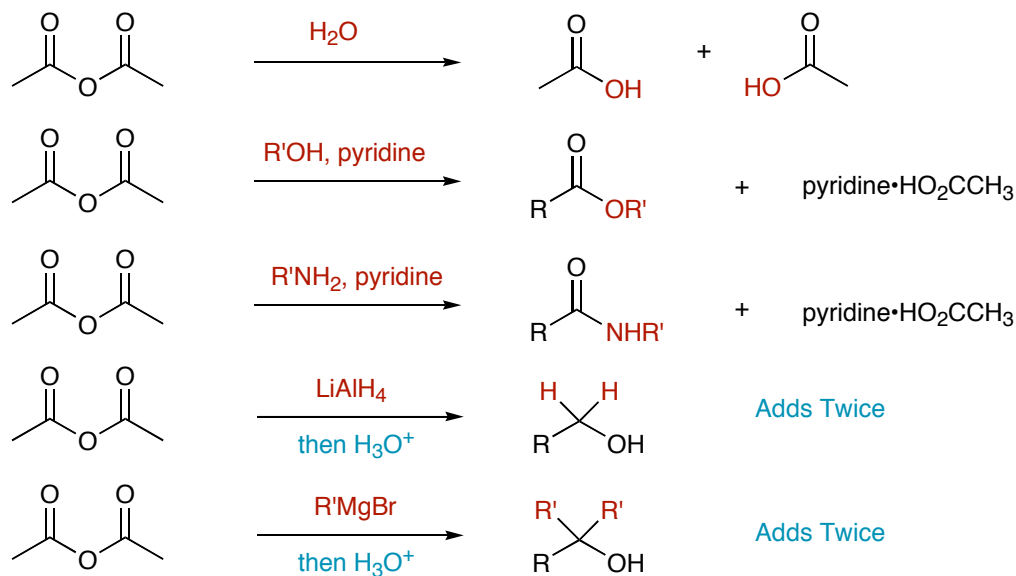
Carboxylic Acids



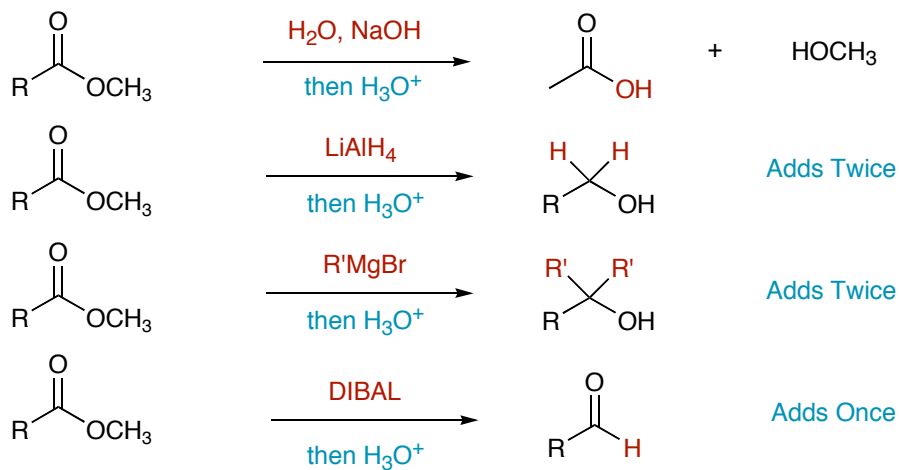
Acid Chlorides



Acid Anhydrides



Esters



Amides

