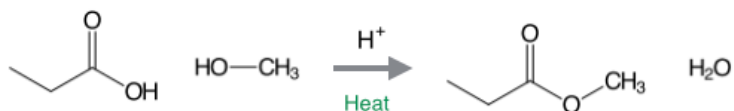


# Summary of Reactions



## Carboxylic Acids

### Esterification

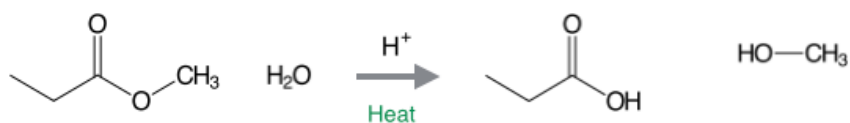


### Neutralization



## Esters

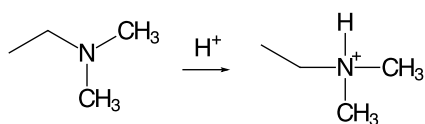
### Hydrolysis, with Acid



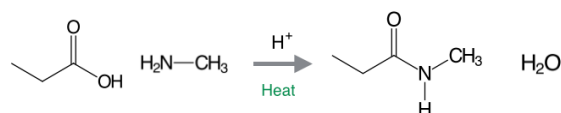
### Hydrolysis, with Base (Saponification)



## Amines



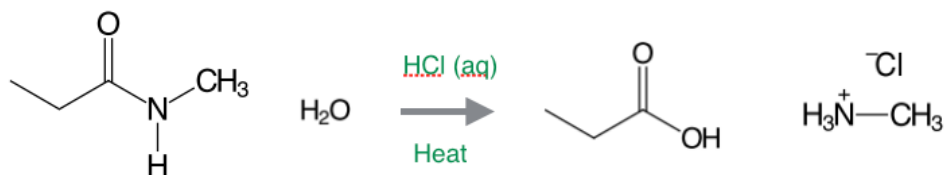
### Amidation



Specificity: Occurs with primary and secondary amines. Does not occur with tertiary amines.

## Amides

### Hydrolysis, with Acid



### Hydrolysis, with Base

