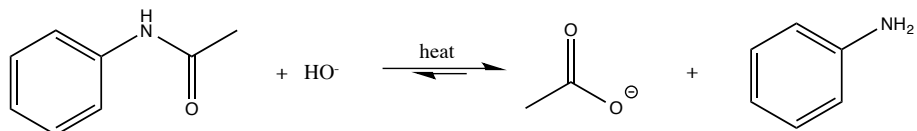


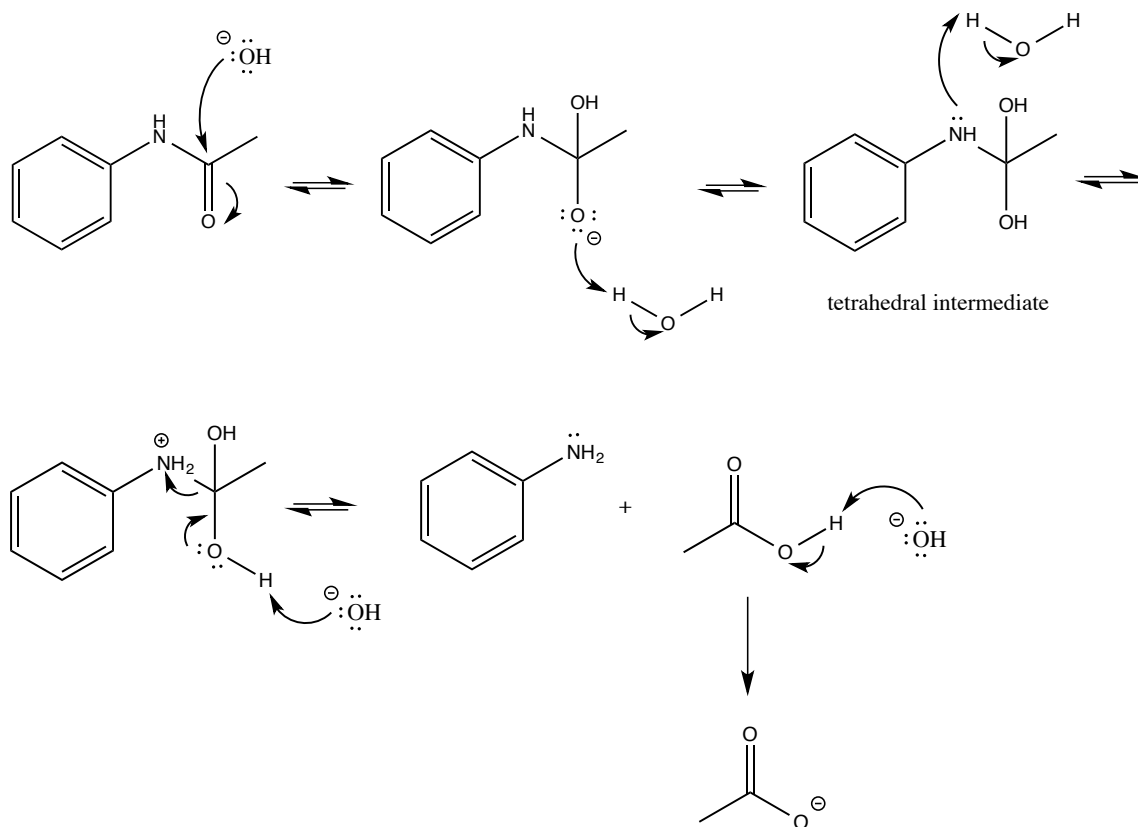
Chem 345 – Organic Reactions Chapter 21
Prepared by José Laboy, MS
[http: www.chem.wisc.edu/areas/clc](http://www.chem.wisc.edu/areas/clc) (Resource page)

Base Catalyzed Hydrolysis of an Amide

Reaction:



Mechanism:



Amides are quite stable compounds. They require heat to perform a base hydrolysis. The process is driven by the formation of the weaker conjugate base, the carboxylate anion.