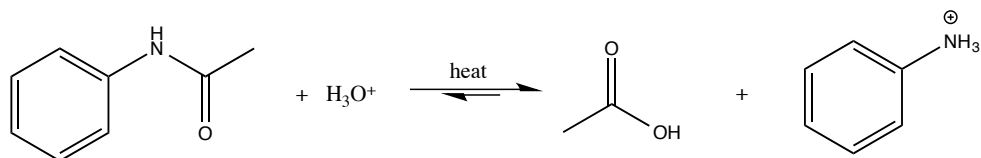


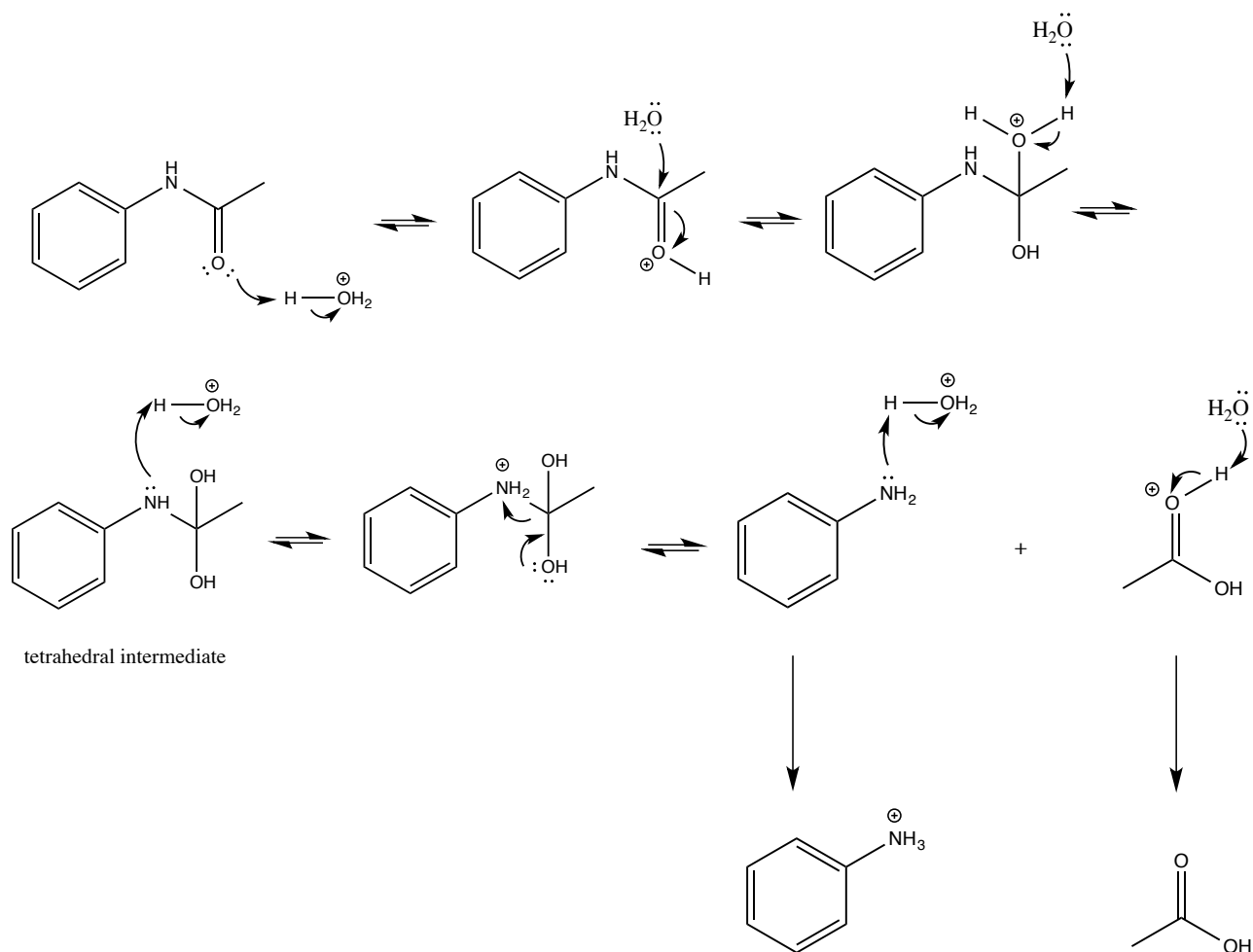
**Chem 345 – Organic Reactions Chapter 21**  
Prepared by José Laboy, MS  
[http: www.chem.wisc.edu/areas/clc](http://www.chem.wisc.edu/areas/clc) (Resource page)

Acid Catalyzed Hydrolysis of an Amide

Reaction:



Mechanism:



Amides are quite stable compounds. They require quite harsh conditions to achieve hydrolysis in acidic media, i.e., high concentration of acid and prolonged heat. The process is driven by the formation of the ammonium ion derivative.