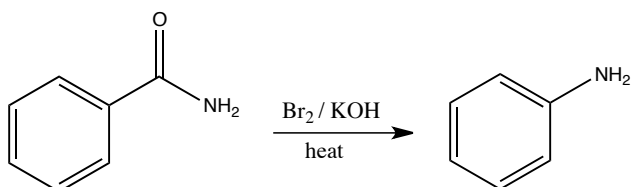


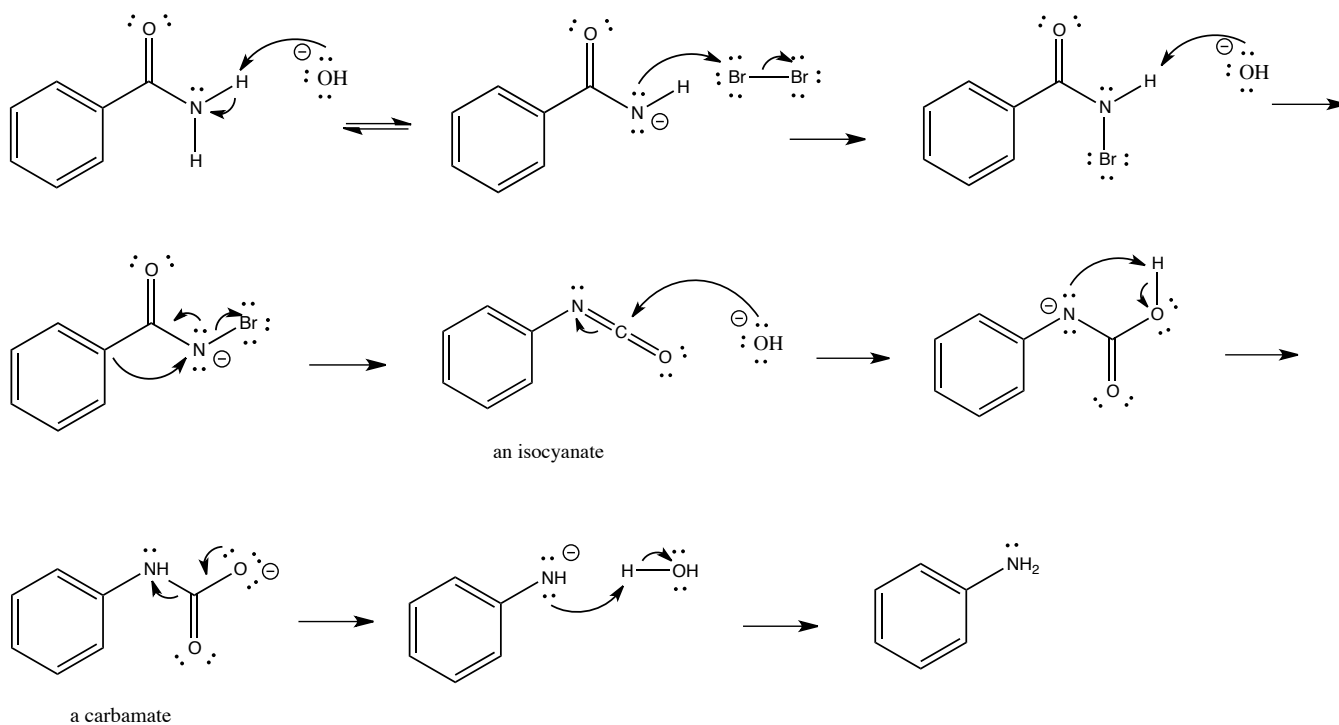
Chem 345 – Organic Reactions Chapter 23
Prepared by José Laboy, MS
[http: www.chem.wisc.edu/areas/clc](http://www.chem.wisc.edu/areas/clc) (Resource page)

The Hofmann Rearrangement

Reaction:



Mechanism:



This reaction is very similar to the Curtius rearrangement. In this case the reaction conditions are aqueous and basic and the intermediate isocyanate formed produces a carbamate and therefore cannot be isolated. Under the conditions of the reaction the carbamate readily decomposes releasing CO₂ and the amine.