

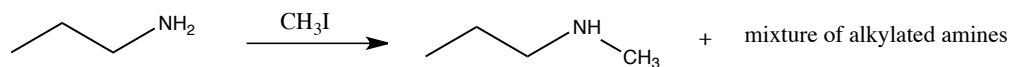
Chem 345 – Organic Reactions Chapter 23

Prepared by José Laboy, MS

[http: www.chem.wisc.edu/areas/clc](http://www.chem.wisc.edu/areas/clc) (Resource page)

Direct Alkylation of Amines

Reaction:



The direct alkylation of amines, in most reactions, produce a mixture of alkylated amines. This is because the alkylated product is more nucleophilic than the starting reagent.

The reaction has an S_N2 mechanism.