

Independent Study Checklist

Your name: *Joe Fox*

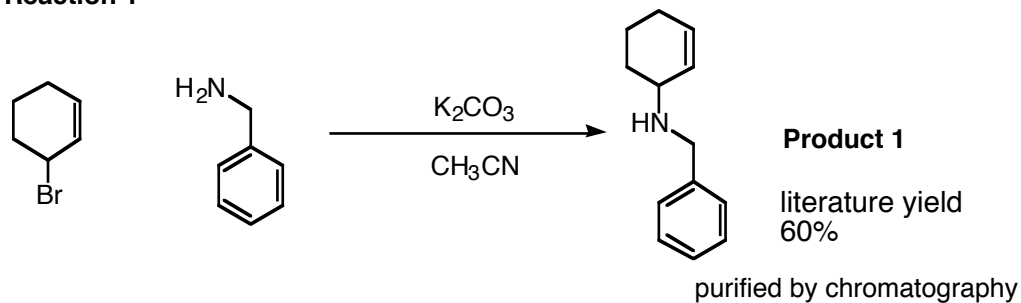
Your lab section: *334-010*

Authors of the article, journal name, date, volume, and page numbers:

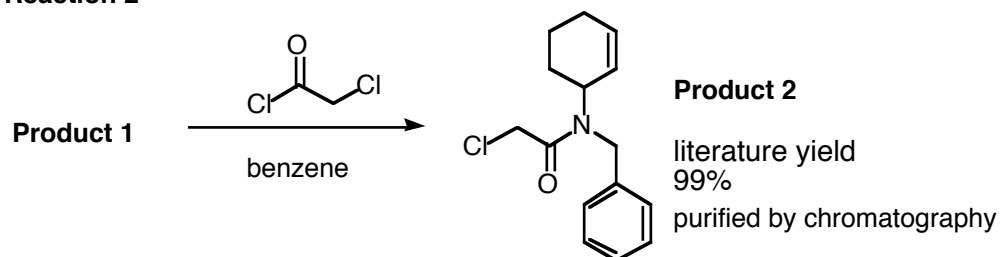
Tamura, O.; Matsukida, H.; Toyano, A.; Takeda, Y.; Ishibashi, H. *Journal of Organic Chemistry*, **2002**, 67, 5537-5545.

Draw the reaction. Include all reagents that are necessary.

Reaction 1



Reaction 2



List of reagents and solvents that will be needed. Note, if the protocol that you are adapting uses very large amounts of material, it will need to be scaled down (ca. 0.5 -1 gram is a convenient range).

This list is as one-half of the reported scale

3-bromocyclohex-1-ene	0.8 g
benzylamine	1.6 g
acetonitrile (solvent)	15 mL
potassium carbonate	0.65 g
triethylamine	0.4 mL
chloroacetyl chloride	0.34 g
chromatography solvents: hexane/ethyl acetate	
other reagents: MgSO_4	