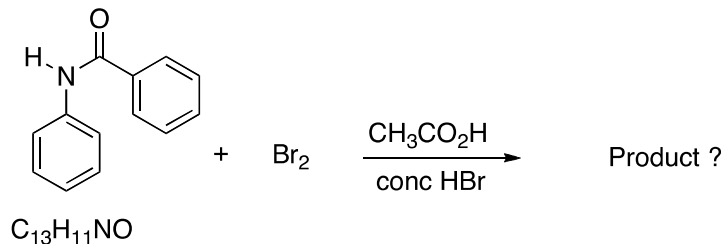


Chemistry 202L
Practicum

Name: Bromination



Mol. Wt.

Volume solid

Density -----

% 100%

Grams .098g

Moles

1. Using your laboratory textbook and your write-up of a similar experiment, **outline a pre-lab**: grams of reactants and solvents, reaction conditions, quenching, work-up, purification, analysis.
2. Bromine comes as a 24% by weight bromine solution in conc HBr (density=1.70g/mL).
3. You will need to use 1.5 equivalents of Br₂.
4. You will need to heat the benzanilide/acetic acid mixture in a 55-60° C water bath until the benzanilide dissolves.
5. You will then turn off the heat and remove the water bath. The Br₂ solution will then be added.