

Aldol Condensation Procedure

1. Add 0.2 ml *p*-anisaldehyde, 0.2 ml acetophenone, and 1 ml of ethanol to a 5 ml conical vial along with a small rice stirbar
2. Add 3 drops of 50% sodium hydroxide solution
3. Stir for 10 min or until the solution solidifies (usually takes <5 minutes before so much solid has formed that the stirbar can no longer rotate. The reaction is complete at this point.)
4. While the reaction is stirring, set up the Buchner filtration apparatus
5. Filter the solid product and rinse with cold ethanol
6. Save the product for the following week when you will record the mass, melting point, and collect the IR spectrum