The goal is to grow crystals of our standard reaction. This will be done in a twostep screening process.

Screening 1) Testing if anything crashes out after reaction.

Screening 2) Actual crystallisation.

**Part 1:**

React combination at 60oC for 40 hours. MAKE SURE TO LID REACTION VIALS AFTER TRANSFER. Then transfer reagents into two batches of LCMS vials.

The first vial will be used for crystal growth.

The second batch will be used for crash testing.

Left over reagent is used for NMR analysis.

5 solvent identified for crystallisation:

**Part 2:**

React combination at 60oC for 40 hours. MAKE SURE TO LID REACTION VIALS AFTER TRANSFER. Then transfer reagents into two batches of LCMS vials.

600 microliters were added to a 4ml vail. This vial was then add to a larger 14 ml vial. 3000 microliters were than added to the 14mL vial (for vapour diffusion style).