

To Clean NMR tube that contained 50 mg of sample and "three fingers" of CDCl_3

Remove plastic cap,

Turn tube upside down and insert into upright tube of the cleaning device.

Fit cap on top (really the bottom of the nmr tube), *prevents tube from falling down into glass tube*

Turn on the vacuum.

Squirt acetone from a squeeze bottle for maybe ⁵⁻¹⁰ 20-30 sec into short upright entry port on right side of apparatus.

Tube is now clean.

To prepare sample:

approx. 0.050g

Weigh out 50 mg sample on a folded-in-quarters piece of weighing paper.

Dump solid into clean ^{DRY} reaction tube/vessel (test tube, Erlenmeyer) *Dont wash with water*

Add "3 fingers" of CDCl_3 into a clean NMR tube. 0.7 mL

Now pour the CDCl_3 into the reaction tube holding the sample to dissolve completely the solid.

Pour solution back into the NMR tube - *Pasteur pipet*

Your sample is now ready for NMR analysis.

cap it immediately so TMS does not evaporate