

Single Crystal Submission Form

Updated
May 2022

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Sample name/code:

Date submitted:

Please complete this section as fully as possible; this information really does help a lot.

Submitter:

Email: Please print. This will be my primary method for contacting.

Principle Investigator/Faculty:

Account #:

Proposed Empirical Formula:

Number of non-hydrogen atoms:

_____ x 18 = _____ Å³

Unit cell only/ unit cell match:

Data collection only:

Full report:

Chemical composition has been confirmed by:

Mass Spec

NMR

IR

Elemental Analysis

Other

Sample unstable with respect to:

Air

Water

Light

Heat

Solvent Loss

How Crystals were grown? (including solvents, etc)

Is this a resolved chiral compound? Y/N _____

Submitters comments (must include hazards and stability)

Temperature for collection: _____ (All crystals will be collected at 85K unless otherwise stated)

This section to be completed by the Diffractometer Operators

Date of Collection:

Code for structure:

Operator:

Comments:

Crystal Sketch:

Shape _____

Color _____

Size _____

a	b	c	α	β	γ	V (Å ³)	Lattice/S.G.
Space group	Z	Abs Corr.		Date finished		R1(4 σ)	

Other comments:

Chemdraw Sketch of Synthetic Procedure (include all reagents and solvents used):

Chemdraw Sketch of Proposed Structure

(3D drawing of expected isomer for chiral compounds, include **atom numbering scheme**, or it will be assigned by the crystallographer). Note: This only applies if you need a full report service.

Other Notes: