

## Request for a Single Crystal X-Ray Diffraction Experiment

- The carefully completed form is to be supplied to [xray.chemie@uni-hamburg.de](mailto:xray.chemie@uni-hamburg.de)
- Redeterminations of structures already known (see databases relevant to your work) are not carried out
- Please always provide your single crystal sample immersed in mother liquor in a suitable sample vial (where required: in a Schlenk flask/tube) with resistant labeling

Name	Group	Phone	Date
E-mail address:			
bachelor thesis	master or diploma thesis	PhD thesis	

Expected chemical formula <i>If unknown, please provide a plausible and representative chemical composition.</i>		Sample identifier <i>Please prefer a short experiment ID, e.g. TST454</i>	
Chiral?*	yes	no	
Sensitive to	air	light	solvent loss
Temperature	100 K	room temperature	
X-ray source*	Mo	Cu	either one is fine
Refinement to be done by...	X-ray staff	customer	

<i><b>Chemical equation and proposed structure</b></i> <i>If desired, please include a (SHELXL compatible) numbering scheme for all atoms of the target compound. Please include all reactants and solvents employed during synthesis and crystallization.</i>
<i><b>CellCheck</b></i> <i>If there are structures of (by-)products known to literature or to you, please provide their CSD Refcodes/metrics here in order to avoid redeterminations.</i>

### To be completed by the X-ray staff

Diffractometer	SuperNova	APEX	
Operator		Data collection strategy	
Date of measurement		Exposure time	
X-ray source		Resolution / Å	
Temperature / K		Redundancy	
Crystal size / mm		$1/\sigma$	
Comments			