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Department of Chemistry X-ray Crystallography Facility

REQUEST FOR A CRYSTAL STRUCTURE DETERMINATION

Name:	Date:
Company:	Tel. Nr:
Address:	
E-mail:	Signature:
Sample code or name:	
Molecular formula:	Melting point:°C
Solvent:	Colour:
Safety precautions & hazards:	
Are you confident of the structure of your molecule:	
yes	= _ ' '
Chirality: none racemic If chiral: all sites known all sites un Clearly indicate the chirality of known sites on	single enantiomer known some sites unknown your diagram opposite.
Crystal stability:	
keep cold hygrosco	sensitive light sensitive light sensitive O2 sensitive ounstable at o°C light sensitive o°C light sensitive o°C o°C light sensitive o°C o°C
Special requirements:	

Diagrams:

You will normally receive the following diagrams: One thermal ellipsoid (ORTEP) plot of the molecule in black ink ready for publication. A packing diagram if intermolecular hydrogen bonds are present. Diagrams will be also available as colour TIFF files If you are interested in the packing, it is best to visualise this yourself using Mercury and the provided CIF Indicate additional requirements below:		
special requirements (colours, views, style, etc.):		
Format of report & data files:		
Report & tables document: Word		
File of atomic coordinates: PDB format CIF (for structure visualisation with 1 other:	•	
Structural formula:		
Clearly show chirality , if known. If the composition is uncertain, give the reaction starting materials and all likely products.		
Please indicate the desired atom numbering. Renumbering at a later date makes significant extra work!		

7.1.2014 AL