

**University of British Columbia**  
**Department of Chemistry – Structural Chemistry Laboratory**  
**Request for X-ray Crystal Structure Analysis**

Sample ID  Melting Point (°C)  Date

Chemical formula (e.g. C<sub>24</sub>H<sub>23</sub>NO)  Colour

**Last Step in Synthesis:**

**Proposed Structure: (VERY IMPORANT: SHOW NUMBERING SCHEME FOR THE MOLECULE)**

Solvent for recrystallization

Is the molecule(s) chiral? (Y/N)

Is the sample enantiomerically pure?

Is the sample air-sensitive? (Y/N)

Is the sample light-sensitive? (Y/N)

Store sample at: r.t.  Other (°C)

Analytical data (if inconsistent with formula):  
C  H  N  X

**Any other relevant details:**  
**(e.g. interest in specific**  
**contacts, bond lengths, etc.)**

Submitted by:  Phone  Room No.

E-mail address:  Speedchart:

Research Supervisor  Supervisor's Signature

Please use the backside of this submission form if needed.

Internal Use Only:

Sample code  Crystal size (mm)  x  x  Radiation Mo  Cu