



University of Massachusetts Dartmouth  
Department of Chemistry & Biochemistry  
South Coast Single Crystal X-Ray Diffraction Facility  
Violette Research Extension (VRAD) 110  
North Dartmouth, MA 02747-2300  
Phone: (508)910-6554 email: diffraction@umassd.edu

Name: \_\_\_\_\_ Date: \_\_\_\_\_  
e-mail: \_\_\_\_\_ Lab Location: \_\_\_\_\_  
Group/PI/Company: \_\_\_\_\_ Phone: \_\_\_\_\_  
Sample ID: \_\_\_\_\_ Index or PO: \_\_\_\_\_

**Reaction:** (Include all solvents, reactants and reagents)

**Proposed Structure:** (Numbering Scheme Optional)

Recrystallization Solvent/Method:

**Sample Information:**

Molecular Formula:

Sample Stability

- ☐ air sensitive ☐ hygroscopic  
☐ light sensitive ☐ temp. sensitive  
☐ other

Special Instructions/Warnings

**Services Requested:**

- ☐ Complete X-Ray Data Collection, Analysis, and Report ☐ Absolute Configuration  
☐ Unit Cell Check: *a*: \_\_\_\_\_ *b*: \_\_\_\_\_ *c*: \_\_\_\_\_  $\alpha$ : \_\_\_\_\_  $\beta$ : \_\_\_\_\_  $\gamma$ : \_\_\_\_\_ *V*: \_\_\_\_\_ *Z*: \_\_\_\_\_  
☐ Crystallization Services. Known Solubility: Acetone CH<sub>2</sub>Cl<sub>2</sub> DMF DMSO EtOAc EtOH MeOH THF  
Other: \_\_\_\_\_