



Advanced Light Source  
Lawrence Berkeley National Lab  
One Cyclotron Road  
Berkeley, CA 94720

Beamline 11.3.1 Sample Submission Form

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Telephone: \_\_\_\_\_ e-mail: \_\_\_\_\_

P.I.: \_\_\_\_\_

Department/University/Company: \_\_\_\_\_

Sample Identification Code: \_\_\_\_\_ (e.g. ALS-01 or Co-CPO-27, etc.)

Cations/Anions involved in synthesis: \_\_\_\_\_

Solvents used: \_\_\_\_\_ Estimated Formula: \_\_\_\_\_

Crystal shape: \_\_\_\_\_ Crystal color: \_\_\_\_\_ Chiral? \_\_\_\_\_ Racemic? \_\_\_\_\_ Home Data? \_\_\_\_\_

Air Sensitive? \_\_\_\_\_ Hygroscopic? \_\_\_\_\_ Pyrophoric? \_\_\_\_\_ Light Sensitive? \_\_\_\_\_ Temp. Sensitive? \_\_\_\_\_

Hazardous? \_\_\_\_\_ Nanomaterial? \_\_\_\_\_ Explosive? \_\_\_\_\_ Radioactive? \_\_\_\_\_ Carcinogenic? \_\_\_\_\_

Known cell:  $a$ : \_\_\_\_\_  $b$ : \_\_\_\_\_  $c$ : \_\_\_\_\_  $\alpha$ : \_\_\_\_\_  $\beta$ : \_\_\_\_\_  $\gamma$ : \_\_\_\_\_ Vol: \_\_\_\_\_ Cell setting?: \_\_\_\_\_

Bad cell:  $a$ : \_\_\_\_\_  $b$ : \_\_\_\_\_  $c$ : \_\_\_\_\_  $\alpha$ : \_\_\_\_\_  $\beta$ : \_\_\_\_\_  $\gamma$ : \_\_\_\_\_ Vol: \_\_\_\_\_ Cell setting?: \_\_\_\_\_

For Rapid Access Use Only: Experimental Temperatures (90 – 500 K)?: \_\_\_\_\_ (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3)

Experiment Description (non-Rapid): (Please describe any pertinent details for the experiment, high pressure, variable temperature (11K – 500K), photoirradiation, exposure to gasses, activation conditions, etc.)

Data services: \_\_\_\_\_ Data collection \_\_\_\_\_ Structure Determination \_\_\_\_\_ Refinement \_\_\_\_\_ Finalization

Data Need (choose one): \_\_\_\_\_ Confirmation of suspected structure (~1 Å data)

\_\_\_\_\_ Bond Angles and Distances (~0.7 Å Data)

\_\_\_\_\_ Anything that can be gotten (No guarantees)

Please include structural (ChemDraw or equivalent) drawings of all organic species that might be included in the structure (omit simple solvents) (Use Custom Stamp Tool in Adobe Reader XI # \_\_\_\_\_):



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This Page for beamline staff usage:

Data collection information:

Wavelength: \_\_\_\_\_ Temperature: \_\_\_\_\_ Crystal Size: \_\_\_\_\_ Color: \_\_\_\_\_

Shape: \_\_\_\_\_ Data Collection Name: \_\_\_\_\_ Date: \_\_\_\_\_ Staff Name: \_\_\_\_\_

Unit Cell:  $a$ : \_\_\_\_\_  $b$ : \_\_\_\_\_  $c$ : \_\_\_\_\_  $\alpha$ : \_\_\_\_\_  $\beta$ : \_\_\_\_\_  $\gamma$ : \_\_\_\_\_ Vol: \_\_\_\_\_ Cell setting?: \_\_\_\_\_

HP:    EnvC:    Photo:

Collected:    Solved:    Refined:    Finalized:

Notes: