

CONTACT INFORMATION

Name: _____ E-mail: _____ Phone #: _____
 Advisor: _____ Office: _____ Date: _____

SAMPLE INFORMATION

Sample Code: _____ Location of Sample: _____ Operator: _____

Air stable Air and moisture sensitive Temperature sensitive Toxic Crystallization temperature: _____

Other analyses performed: NMR IR EA Mass Spec I will need my sample back Sample can be consumed

Indicate all solvents the compound has been exposed to: acetone / MeCN / benzene / CHCl₃ / CH₂Cl₂ / DMF / DMSO / EtOH / MeOH / ether / EtOAc / THF / hexane / pentane / toluene / H₂O / deuterated solvents / or specify: _____

Database search: Cambridge Structural Database Scifinder Other: _____

SYNTHETIC ROUTE (Show the reaction, indicate the starting materials, desired compound, and byproducts if known):

PROPOSED STRUCTURE (Please assign a labeling scheme):

Proposed molecular formula (No abbreviations): _____

_____ (Internal use only) _____

CRYSTAL INFORMATION

Experiment #: _____

Size: _____ x _____ x _____ mm color: _____ habit: _____ notes: _____

CRYSTALLOGRAPHIC INFORMATION

Crystal system: triclinic monoclinic orthorhombic tetragonal cubic trigonal hexagonal Lattice: _____

Space group: _____ a = _____ Å; b = _____ Å; c = _____ Å; α = _____°; β = _____°; γ = _____°

V = _____ Å³ Z = _____ μ = _____ mm⁻¹; % Completeness: _____ Min. and max transmission: _____/_____

NOTES: