

# Texas A&M University

Department of Chemistry  
Laboratory for Biological Mass Spectrometry (LBMS)  
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## Request for Mass Spectrometry Analysis

### General Information

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

Email: \_\_\_\_\_ Dept./Co: \_\_\_\_\_

Research Director: \_\_\_\_\_ Account/PO #: \_\_\_\_\_

### Sample Information

Sample ID: \_\_\_\_\_ Formula: \_\_\_\_\_ Monoisotopic Mass: \_\_\_\_\_

STRUCTURE: (Please either Draw Image in Box Below, Back of Form, or Staple a ChemDraw Structure)

Attach sample vial within box.

#### Type of Sample:

Estimate of Quantity: \_\_\_\_\_ mg

Neat Solid

Neat Oil/Liquid

Solution Dissolved In \_\_\_\_\_ At ~ \_\_\_\_\_ mg/ml

List Buffer(s) Present: \_\_\_\_\_ At ~ \_\_\_\_\_ mg/ml

(NOTE: Samples are NOT accepted in DMF or DMSO)

#### Solubility:

#### Confidence of Quality:

CH<sub>3</sub>OH

THF

Tentative

CH<sub>3</sub>CN

CH<sub>2</sub>Cl<sub>2</sub>

Confident

H<sub>2</sub>O

Other \_\_\_\_\_

Confirmed By \_\_\_\_\_

#### Special Storage Requirements:

#### Purity: (Honestly!)

Refrigerate

Freeze

None

Crude

Semi-Pure

Keep Dark

Other \_\_\_\_\_

Pure

Toxicity:  Safe  Toxic  Biohazard

Air Sensitive:  No  Yes

Acid Sensitive:  No  Yes

Base Sensitive:  No  Yes

Ionization Method:  EI  CI  MALDI  ESI  APCI  ???

Mode:  Pos.  Neg.  ???

Mass Range Desired: \_\_\_\_\_ to \_\_\_\_\_ Accuracy:  Unit Mass  Exact Mass (Unit Mass Analysis Must Be Verified First!)

### Facility Use Only

Log in # \_\_\_\_\_ Operator: \_\_\_\_\_ Instrument Employed: \_\_\_\_\_

Ionization Method: \_\_\_\_\_ Matrix Used: \_\_\_\_\_ Solvents Used: \_\_\_\_\_

Filename: \_\_\_\_\_ Theoretical Mass: \_\_\_\_\_ Accuracy: \_\_\_\_\_ ppm

Time for Analysis: \_\_\_\_\_ Comments: \_\_\_\_\_