

ESI-TOF Analysis Submission

CBC Mass Spec Facility (CBEC 075)

Name: _____ Date/Time Submitted: _____

Name.##: _____ Research Group: _____

Account Number: _____ (only needed if you have multiple active accounts in FOM)

Sample Toxicity: _____ Return Sample after Analysis? Yes No

Analysis Selection:

Positive Mode Negative Mode Both

HRMS Quality Needed for Publication

MS/MS Parent m/z to fragment: _____ (discuss w/ Dr. Friedman before submitting)

Sample Information

Sample Name _____

Purified Product Crude Mixture HPLC Fractions

Expected Molecular Weight * _____

Expected Formula/Sequence/Structure * _____

Sample Concentration & Volume Submitted _____

Solvent _____ Is Dilution Necessary? _____ (estimate dilution factor)

Preferred Solvents for Dilution _____ (critical info)

Are any of these solvents *incompatible* with your compound?

Acetone Acetonitrile Acetic Acid Chloroform Methanol

Methylene Chloride Tetrahydrofuran Water

Sample is sensitive to: Acid Air Water Light

Known/Suspected Impurities** List solvent, buffer, leftover reactants, expected side products

Special Instructions (expected charge states, etc.)

* Correct MW and structure information is critical to collect good data. Please email the sequence/structure to friedman.270@osu.edu if you cannot list or draw it here

** Sample must be free of non-volatile buffers/electrolytes, detergents, salts, incompatible solvents, particulates