CENTRAL INSTRUMENTATION FACILITY
Mass Spectrometry Service Request

Submitted by: _________________________ User I.D. ____________ Date: ____________________
Sample Code #: ______________________ Lab: ______________________
Research Director: ____________________ Phone: ______________________
Structural Formula: ____________________

* Calculated Exact Molecular Weight: ____________ * Elemental Formula ____________

* How volatile is compound?
Vaporizes easily
Vaporizes on heating
Does not vaporize

For dissolved samples please give approximate concentration _____ ug/ul

Ionization Mode:
EI, CI
The last solvent in which the sample was dissolved: ______________________
Is the sample soluble in acetone? YES NO
If not soluble in acetone, what is it soluble in? ______________________
Exact Mass of Parent Ion if Possible? YES NO

FAB
In which matrix have similar compounds been determined?
Thioglycerol
Glycerol
NBA
Tetraglyme

ESI Direct Inj
Preferred Solvent:
Methanol
Water
Acetonitrile
other: ______________________
Is your compound sensitive to acid? YES NO
Is your compound sensitive to base? YES NO

LC-MS-ESI
Please specify separation conditions on a C18 column

GC-MS
Please specify separation conditions on DB5MS column

Special instructions and/or comments pertaining to this compound:

* Information must be provided in order for sample to be run

FOR MASS SPEC LAB USE ONLY

Run by: ________________________ Mass Spec. #: ________________________
User I.D.: ________________________

Expected Mass: ____________________ Date Run: ________________________

Hours Used: ____________________ Sampling System: ________________________

Found Mass: ____________________