

Mass Spectrometry – Order Form

(see also "Guideline for MS Orders")

Two copies are required!

Name:

Date:

Work group:

Phone/Room:

E-mail:

Send data file*: Yes No

Details about sample

Sample name (start with 2 letters personal acronym):

 -

Molecular formula:

.....

Exact theoretical molecule mass:

(The most intense isotope; 4 decimals!)

Structure clearly confirmed by NMR? Yes No

Toxicity: untested harmless irritant harmful toxic carcinogenic

Melting point: [°C]

Boiling point: [°C]

Sensitivity: Air Heat Light Water Sensitive to acids

Soluble in: MeCN H₂O MeOH CH₂Cl₂ CHCl₃ (Other)

Important for a desired ESI-Measurement: Possible solvents are only MeCN, MeOH, H₂O and 2-propanol (Check the solubility!).

Structure (proposal), route of synthesis, problem:

Ionization method: EI CI ESI or selection by MS-Team

Molecular mass (**Low** resolution) Fragmentation

Exact molecular mass (**High** resolution)

GC/MS (Please contact the MS-Team)

Special requirements:

Report (Only for operator)

Mass confirmed: Yes No

EI CI ESI GC/MS

Mass found:

Method/Parameters:

Remarks:

Date:

Operator: