

Mass Spectrometry Lab of Organic Chemistry, Henkestraße 42, 91054 Erlangen
Organisation: Dr. Frank Hampel; Tel. - 22988; Operators: Wolfgang Donaubaue, Margarete Dzialach; Tel. - 22947

Name: Date:

Group Phone:

Institute/Company: Email:
(only for external measurements)

Sample Code: Formula:

Sample Amount [mg]: Molecular Weight:

Attention: Max. sample amount 1 mg!
Accurately weight on 0.1 mg whenever possible

Is the compound purified for analysis? Yes No

Is the sample readily soluble and stable in methanol? Yes No

In which solvents the sample is alternatively readily soluble and stable?

CH₂Cl₂ ACN Toluene THF Isopropanol H₂O

Desired Determination:

MW MS/MS-Experiment for Peak/Mass at DA Other:

Desired Ionization Method:

EI -> Important: Melting Point/Area of the sample in °C:

MALDI preferred Matrix: SIN DCTB DHB DITH no Matrix

ESI APPI

Were analog samples already successfully measured? If so, which method was used?:

Predicted Molecular Structure:

(Reactants or possible side-products, stating the empirical formulas and molecular weights)

Further Informations for the MS-Operators:

Sample is: Toxic Sensitive to Oxygen Sensitive to H₂O

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Signature

Notices: a) Without complete and readable information no mass spectra can be recorded!
b) Please note the information sheet: "Information and requirements for MS measurements"