



Mass Spectrometry Lab of Organic Chemistry - Chemikum, Nikolaus-Fiebiger-Str. 10, 91058 Erlangen  
Organisation: Dr. F. Hampel; Tel. - 65577; Operators: M. Dzialach; B. Hack; P. Guedi; Tel. - 65375

Name: ..... Date: .....

Group ..... Phone: .....

Institute/Company: ..... Email: .....  
(only for external applications)

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?

CH<sub>2</sub>Cl<sub>2</sub>  ACN  Toluene  THF  Isopropanol  H<sub>2</sub>O  .....

Desired Determination:

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

Desired Ionization Method:

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 H<sub>2</sub>O  .....

.....  
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"