



University of Fribourg
Department of Chemistry

NMR Service
NMR Order No.
Please leave this box empty

Name: _____ **Date:** _____

Phone: _____ **E-mail:** _____ **Other Departments (i.e., BCH) & External:**
Fax: _____ **Lab.:** _____
Departm. (Unifr) **AMI** **EIF** **Firm**

AMI = Adolphe Merkle Institute EIF = Ecole d'ingénieurs et d'architectes de Fribourg

Professors/Research Group Leaders within the Department of Chemistry:

M. Allan **T. Bally** **P. Belsler** **C. Bochet** **N. Engel** **A. Fink** **K. Fromm** **B. Giese** **T. Jenny** **A. Kilbinger**

Sample name:

Sample amount: ca. mg

The sample is:
 light sensitive
 not very stable
 quite toxic
(important information if the NMR tube breaks)

Structure / Formula: _____

Routine NMR **Structure determination/confirmation**

Deuterated (undeuterated) solvent(s): Please specify

Proton NMR

Experiment(s):

- ¹H High-resolution
 1D-NOE Difference Spectroscopy •
 COSY DQF-COSY
 TOCSY
 NOESY •
 ROESY •
 JRES • The NMR sample must be purged free of oxygen.
 D₂O exch. Water Suppression

X-Nucleus NMR X = ¹³C ³¹P ¹⁹F

Experiment(s):

- ¹H CPD/BB dec.
 Inverse gated dec.
 Gated dec.
 Selective dec.
 APT
 DEPT
 HMQC/HSQC HMBC
 INADEQUATE (highly conc. solution required)

Our NMR Spectrometers
BRUKER
300 MHz *
360 MHz **
400 MHz ***
500 MHz ****
* with sample-changer unit B-ACS 60
** with sample-changer unit SampleXpress
*** equipped with a MAS probe for solid-state NMR
**** NMR Service Spectrometer

Remarks: _____ NMR Form 2011

FF

See also: http://www.chem.unifr.ch/en/services/analytical_services

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Phone: +41 (0)26 300 87 81, Fax: +41 (0)26 300 97 39

Name: _____

Punch a hole



← Insert your NMR tube

Please leave this box empty

Sample name:

Signature of the Research Group Leader:

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