

REQUEST FOR SERVICE SPECTRA ON THE DRX500 AND AV600 NMR SPECTROMETERS – USERS FROM THE DEPARTMENT OF CHEMISTRY UNIVERSITY OF OSLO.

Date:

Your name:

Your USERNAME (login name):

Your telephone number:

Your room number:

Name of your supervisor (if any):

Solvent:

The sample is located where?

The amount of the sample:

Is the compound stable in the “solvent” at room temperature?

Is the compound pure?

Has TMS been added?

Calibration on Solvent or TMS or other?

Desired filename (initials + max 12 characters):

Desired plot title:

Where are your previous ^{13}C data stored in the computer systems?

The expected structure should be drawn on the backside of this paper:

Nucle(i)us to be observed:

What kind of experiments do you want: (e.g. one dimensional ^1H , one dimensional ^{13}C , COSY45, TOCSY, NOESY, ROESY HETCOR, COLOC, HMQC, HMBC, Edited HSQC, NOESY, ROESY, ^{13}C CAPT, DEPT45, DEPT90, DEPT135, NOEDIFF, ^1H - ^{14}N HMBC, ^1H - ^{15}N HMQC, ^1H decoupling, low or high temp. spectra or other experiment). If you want a NOESY experiment you are kindly asked to (must) provide a one dimensional ^1H spectrum where you indicate the interesting resonances - where you do expect NOE effects. Please also indicate the expected NOEs on the structure drawing on the backside of this sheet of paper.

Do you want the engineer to suggest better experiments in order to solve your problem? If the engineer suggests experiments you have not thought of and the experiments do solve your problem he shall be acknowledged in any resulting publications. Please consult with your supervisor before deciding this.

I want suggestions (mark with **X**):

I do not want suggestions (mark with **X**):

Do you only wish to be given the spectra* or do you want help in solving the problem/structure? If the engineer makes an extra intellectual effort and solves your problem - be prepared to include him as author in any resulting publication. Please consult with you supervisor before deciding this.

I want intellectual help (mark with **X**):

I do not want intellectual help (mark with **X**):

*If you are a master student, Ph.D. student, post doc. or similar the NMR files will be transferred to the computer Ackermann or Cunskis where you can plot the spectra. If you are among the permanent academic staff the engineer will plot them for you, including any expansions you desire. If a professor/amanuensis asks about plots and expansions from a group member's experiments they will of course be provided.

Signature (your name):

Signature of your supervisor: