



Experiment Queue

Hol...	Type	Status	Name	No.	Solvent	Experiment	Pri	Par	Title/Orig	Time	User	Start Time
▶ 1	U	Available										
▶ 2	U	Available										
▶ 3	U	Available										
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▶ 24	U	Available										
▶ 25	U	Available										
▶ 26	U	Available										
▶ 27	U	Available										
▶ 28	U	Available										

1

- Insert NMR tube in a spinner.
- Adjust the NMR tube position with the depth gauge.
- Clean NMR tube and spinner.
- Insert sample in an unoccupied holder on the carousel.

2

Click on the 'Change User' icon and Enter your user name and password.

Submit Cancel Edit Delete Add Copy Change User

Preceding Experiments

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3
Select the same holder in ICONNMR.

4
Press the 'Add' button to add an experiment.

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7		Available										
8		Available										
9		Available										
10		Available	NB3_Sample	10	acetic acid-d4	N PROTON.PU			1D proton experime		nmrsu	
11		Available										
12		Available										
13		Available										
14		Available										
15		Available										
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24		Available										
25		Available										
26		Available										

Enter a unique file name for the sample.

Select a solvent from the list.

Checking the priority requires superuser permission.

Enter a unique experiment No. for the sample.

Select an experiment from the list.

- N PROTON.PU 1D proton experiment, 30deg read pulse
- N obsF.PU 19F, no 1H decoupling, 30deg read pulse
- N paramH.PU large SW 1H, 15deg read pulse
- N obsPdecH.PU 31P w/1H dec., 30deg read pulse
- N obs11B.PU 11B, no 1H decoupling, 30deg read pulse
- N C13CPDp1.PU conv. 13C w/variable read pulse
- N paramC13p1.PU conv. 13C for paramagnetic samples, w/15deg read pulse
- N obsSideH.PU 29Si, (inv.gated) dec. 1H
- N gCOSY.PU COSY, fixed sw (12/-1ppm), grad. selected
- N C13APT.PU 13C-APT (attached proton test)
- N Mn55.PU 55Mn-NMR expt

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Change the Sun icon to the moon to run long experiments at night.

10

The Lock icon allows users to adjust lock, shim and tune parameters.

12

Toggle to add information concerning experimental or sample conditions

13

Acquisition parameters may be modified here.

11

TD	32768	Size of fid
RO	20 [Hz]	Spinning rate
NS	16	Number of scans
D1	0.352296 [sec]	Recycle delay
SW	20.618 [ppm]	Spectral window
O1P	6.175 [ppm]	Center of spectrum (ppm)
O2P	6.175 [ppm]	Center of spectrum (ppm)
P1	13.96 [µsec]	Pulse
DS	2	Dummy scans
D8	0	NOESY mixing time
TE	298 [K]	Required Sample temperature

OK

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		Queued	NB3_Sample	10	Acetic	acetic ac N PROTON.PU	1D proton experiment,		Sample Precipitated	00:00:54	nmrsu	16:19 Tue No
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Click on the Submit button to queue the Experiment

14

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