

NMR WORK REQUEST FORM

Date sample accepted:

Please CIRCLE your selections
Do NOT underline or use ticks or crosses

Name:	User Code	Sample Code	<i>NOT your initials</i>		
email:	Draw your structure here:				
Workplace:	phone:				
Sample weight: _____ mg = _____ millimoles (0.001g = 1mg, 0.01g = 10mg, 0.1g = 100mg)					
Deuterated NMR Solvent: _____ I have checked that this entire sample has dissolved to give a stable solution free of ALL solid particles:					
(signed) _____ User					
COSHH Hazard Class - please circle: Toxic Harmful Corrosive Irritant Carcinogen I believe this hazard information to be accurate:					
(signed) _____ Supervisor					
Likely major impurities:					
Molecular Formula:					
Is sample sensitive to: Heat Light Air Water Solvent					
Molecular Weight:					

Correct sample depth 5cm

PLEASE! Use the correct quantity of material. Remove volatile solvents.
Filter your samples. Make samples the correct depth: - ~5cm
Write your User Code and Sample Code legibly on the tube.

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Circle both the Nucleus and the Work you require:

Nucl.	Routine Work (always done)	Additional Work:-please circle and give full details below.	←—SERVICE USE ONLY—→	
			Expt. Nos.	Job No.
1H	11ppm to -1ppm Integrals <i>Recommended 1H quantity 10-20mg</i>	COSY CH-correlation NOESY CH-multi-bond-correlation Peaks outwith routine range D2O addition Decoupling Non-room temperature		
13C	220ppm to -5ppm {1H-BB} & DEPT <i>For 13C, 0.1 millimole gives a fair spectrum after ~1 hr</i>	Quantitative No DEPT Non-room temperature		
11B	+150ppm to -150ppm {1H-BB} & Non-Dec Peak-list Integral	11B-COSY BH-correlation Peaks outwith routine range Non-room temperature		
Other Nucl:	Observe between _____ ppm and _____ ppm	<i>All work on 'other nuclei' is non-routine. Explain what you want to get from the spectrum in the space below</i>		

PLEASE! Think about what you want to find out and explain it here.
Give handling instructions for undissolved samples.
Give full details of non-routine experiments.
Give temperature details for non-room temperature work.