NMR Spectroscopy Facility Service Request Form

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UNIVERSITY OF Southampton

Submitted by	Agresso Code
Sample Reference	Supervisor
Date	Sample Location
Extension	Email

Reason for request A relevant 400 MHz spectrum must be submitted.	

Weight of sample (mg) Solvent Preferably deuterated Reference *e. g.* TMS Mpt/Bpt Purity % & method Stability Heat/light/air/water	Formula	Mass
	Structural formula	

Experiment required

2D Correlation Tick appropriate experiment(s)	^{1}H–^{1}H COSY	^{13}C–^{1}H Correlation
Observe nucleus Indicate a chemical shift for reference compound if known	^{1}H ^{13}C ^{19}F ^{31}P	Other
GOESY (NOESY-1D) Indicate irradiation points clearly on attached ^{1}H spectrum		
Homonuclear decoupling Indicate irradiation points clearly on attached ^{1}H spectrum		
Variable temperature study Indicate temperature range & consider properties of solvent		
Other		

COSHH Information:

Please Note Your sample will NOT be accepted unless this section is fully completed

Brief description of sample (e.g. organic amide)	List any known hazards associated with this sample

Chemical Hazard Information & Packaging (CHIP4) Please tick (✓) all those that apply

E		O		F+		F		T+		T		C		E: Explosive	O: Oxidising	C: Corrosive	
Carcinogen Category 1		Carcinogen Category 2		Carcinogen Category 3		N		X_n: Harmful	F+: Extremely Flammable F: Highly Flammable						
Mutagen Category 1		Mutagen Category 2		Mutagen Category 3		X_n		X_i: Irritant	T+: Very Toxic T: Toxic						
Reproductive Toxin Category 1		Reproductive Toxin Category 2		Reproductive Toxin Category 3		X_i		N: Dangerous to the environment							

Signature	Date

NMR use only	Date completed	Spectrometer	Filename	Account