

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

Sector-67, S.A.S. Nagar, Mohali.

Central Instrumentation Laboratory

Service Request Form

NMR (2D Experiments)

Name								Form No						
Date														
Department				Name of Faculty/Guide										
Institute / Industry														
Complete Address														
Email address				Mobile No										
S.No	Sample Code	Experiment						Range	Solvent					
		1H-1H CORRELATION			1H-13C CORRELATION				CDCl ₃	CD ₃ OD	DMSO- <i>d</i> ₆	D ₂ O	Mix ratio	Other
		COSY	NOESY	ROESY	HSQC	HMBC	HMQC							
1														
2														
3														
4														
5														

Maximum limit 5 samples per requisition form (Strikeout blank lines).

Sample quantity required is 20 mg.

Sample preparation	Please use 0.6 -0.7 ml of solvent per 20 mg of sample i.e. 3 cm height of solvent for 5 mm NMR sample tube. Best results are obtained on samples that are fully dissolved in the solvent. Filter out particles using a pipette that has a small piece of clean cotton in it.
Nature of Sample\ any specific storage condition required.	Lachrymatory, Explosive, other
Any Additional Information	

It is certified the sample is not a reaction mixer and ¹H and ¹³C NMR are already obtained.

Signature of Authorized Person

For Office Use (Internal / Outside Samples)

Date of sample received	Date of sample analyzed	Date of results delivered	Log Book Entry No.	Analyst

For Outside Sample(s)

Date	Receipt / Invoice No.	Amount (₹)