

Materials List for:

Transport Properties of Ibuprofen Encapsulated in Cyclodextrin Nanosponge Hydrogels: A Proton HR-MAS NMR Spectroscopy Study

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Materials

Name	Company	Catalog Number	Comments
HR-MAS probe	BRUKER	N/A	Probe for NMR measurements on semi-solid samples
NMR Spectrometer	BRUKER	DRX 500	FT NMR spectrometer for liquid and semi-solid state
β -cyclodextrin (β -CD)	Alfa-Aesar	J63161	Reagent
Ethylenediaminetetracetic (EDTA) dianhydride	Sigma-Aldrich	332046	Reagent
Dimethylsulfoxide (DMSO)	Alfa-Aesar	D0798	Solvent
Triethylamine	Sigma-Aldrich	471283	Base (reagent)
Ibuprofen (IP) sodium salt	Sigma-Aldrich	I1892	Antinflammatory drug
Excel 2010	Microsoft	N/A	spreadsheet for data analysis
Origin 8 SR0	OriginLab Co.		spreadsheet for data analysis