

Materials List for:

Spin Saturation Transfer Difference NMR (SSTD NMR): A New Tool to Obtain Kinetic Parameters of Chemical Exchange Processes

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URL: <https://www.jove.com/video/54499>

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Materials

Name	Company	Catalog Number	Comments
<i>N,N</i> -dimethylacetamide	Aldrich	38840	Acute toxicity
Toluene- <i>d</i> ₈	Fluorochem	D-005	Flammable and toxic
500 MHz 7" Select Series NMR Tubes	GPE LTD	S-5-500-7	
TopSpin 2.1	TopSpin program, Bruker Corp., http://www.bruker.com/products/mr/nmr/nmr-software/software/topspin/ (2015).		
Origin 6.0	Origin 6.0 software, OriginLab Corp., http://originlab.com .		
Bruker Avance III 500 MHz fitted with 5 mm broadband observed BBFOplus Z-gradient SmartProbeTM probe	Bruker Corp., http://www.bruker.com		
Bruker Avance I 500 MHz Inverse Triple Resonance NMR spectrometer fitted with a 5 mm TXI Z-gradient probe	Bruker Corp., http://www.bruker.com		
Ceramic Spinner standardbore shimsystems (5 mm)	Bruker Corp., http://www.bruker.com	H00804	