MAGNETIC RESONANCE

SPECTROSCOPY
METHODOLOGY
METROLOGY

NMR-EsPy

Description

Cyclosporin CPMG experiment. Iteration 4 (vc = 16)

Experiment Information

Sweep Width (Hz)	5000
Sweep Width (ppm)	9.99736
Transmitter Offset (Hz)	2250.59
Transmitter Offset (ppm)	4.49998
Transmitter Frequency (MHz)	500.132
Basic Frequency (MHz)	500.13
Nucleus	^{1}H
Filter region (Hz):	3831.03 - 3751.07
Filter region (ppm):	7.66004 - 7.50016

Result

m	a_m	ϕ_m (rad)	f_m (Hz)	f_m (ppm)	η_m (s^{-1})	$\int$	$\int/\|\int\|$
1	1.6566×10^3	1.0817	3.7541×10^3	7.5063	29.48	6.2496×10^7	0.36482
	$\pm$ 681.4	$\pm$ 0.19858	$\pm$ 1.8177	$\pm$ 3.6345 $\times 10^{-3}$	$\pm$ 12.765	-	-
2	3.484×10^3	0.37885	3.7685×10^3	7.5351	213.8	9.7096×10^7	0.5668
	$\pm$ 1.5647 $\times 10^3$	$\pm$ 0.43288	$\pm$ 14.973	$\pm$ 0.029939	$\pm$ 72.531	-	-
3	2.0888×10^3	-1.6151	3.8298×10^3	7.6576	27.781	7.9438×10^7	0.46372
	$\pm$ 4.9007 $\times 10^3$	$\pm$ 1.0965	$\pm$ 1.8478	$\pm$ 3.6946 $\times 10^{-3}$	$\pm$ 35.42	-	-

4	3.1394×10^3	-0.20149	3.8314×10^3	7.6609	103.78	9.8499×10^7	0.57499
	$\pm\ 2.8569 \times 10^3$	$\pm\ 0.64834$	$\pm\ 36.577$	$\pm\ 0.073134$	$\pm\ 76.753$	-	-

Estimation performed using NMR-EsPy.
Author: Simon Hulse
For more information:

https://foroozandehgroup.github.io/NMR-EsPy

https://github.com/foroozandehgroup/NMR-EsPy

simon.hulse@chem.ox.ac.uk

If used in a publication, please cite:
No references yet...