MAGNETIC RESONANCE
SPECTROSCOPY
METHODOLOGY
METROLOGY

NMR-ESPY

15:11:02
02-10-2021

Description

Gramicidin ^{1}H data, region: 4.92 - 4.63Hz. MPM result.

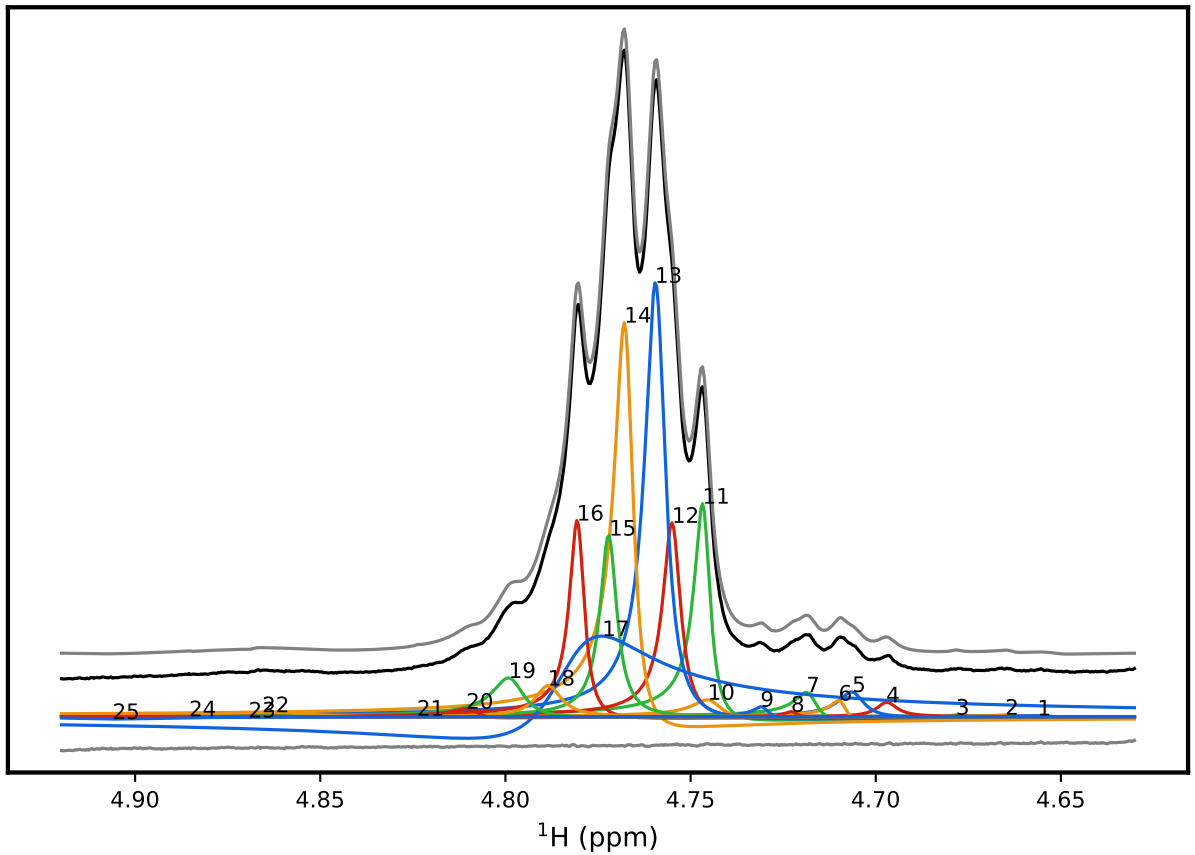
Experiment Information

Parameter	F1
Transmitter frequency (MHz)	699.85349925
Sweep width (Hz)	213.3550492785903
Sweep width (ppm)	0.30485673002597374
Transmitter offset (Hz)	3341.8042558034504
Transmitter offset (ppm)	4.775005425256435

Result

m	a_m	ϕ_m (rad)	f_m (Hz)	f_m (ppm)	η_m (s^{-1})	$\int$	$\int/\|\|\int\|\|$
1	0.62488	1.5269	3.2557×10^{3}	4.652	17.83	418.41	4.0626×10^{-3}
2	0.36299	1.0592	3.2638×10^{3}	4.6635	9.1135	278.19	2.7012×10^{-3}
3	0.19188	-4.8273×10^{-2}	3.274×10^{3}	4.6781	6.321	127.15	1.2346×10^{-3}
4	3.1341	-1.0498×10^{-2}	3.2871×10^{3}	4.6968	14.628	2.0792×10^{3}	2.0189×10^{-2}
5	6.8836	0.24914	3.2934×10^{3}	4.7058	18.405	4.4267×10^{3}	4.2982×10^{-2}
6	2.8654	0.71841	3.2956×10^{3}	4.7089	10.492	1.9474×10^{3}	1.8909×10^{-2}

7	5.9813	0.61039	3.3015×10^{3}	4.7175	15.041	3.7191×10^{3}	3.6112×10^{-2}
8	0.66861	0.44685	3.3048×10^{3}	4.7221	8.479	434.39	4.2178×10^{-3}
9	1.6055	0.53928	3.3104×10^{3}	4.7301	9.9977	1.0462×10^{3}	1.0159×10^{-2}
10	5.3108	0.46259	3.3203×10^{3}	4.7442	19.976	3.1777×10^{3}	3.0855×10^{-2}
11	37.022	0.25519	3.3217×10^{3}	4.7463	11.471	2.377×10^{4}	0.2308
12	36.964	0.15068	3.3275×10^{3}	4.7546	12.726	2.4248×10^{4}	0.23544
13	95.138	0.1537	3.3306×10^{3}	4.759	14.607	6.238×10^{4}	0.60569
14	80.67	0.31912	3.3363×10^{3}	4.7672	13.391	5.0822×10^{4}	0.49347
15	32.753	6.3159×10^{-2}	3.3396×10^{3}	4.7718	12.096	2.1688×10^{4}	0.21059
16	31.236	0.18062	3.3454×10^{3}	4.7802	10.584	2.0388×10^{4}	0.19796
17	100.61	-0.96059	3.3465×10^{3}	4.7817	66.005	4.3835×10^{4}	0.42562
18	8.6332	6.9032×10^{-3}	3.351×10^{3}	4.7882	18.599	5.7278×10^{3}	5.5615×10^{-2}
19	13.288	0.27247	3.3581×10^{3}	4.7983	22.636	8.4908×10^{3}	8.2444×10^{-2}
20	2.3573	0.73585	3.3655×10^{3}	4.8088	17.314	1.4562×10^{3}	1.414×10^{-2}
21	6.2193×10^{-2}	-0.32478	3.3759×10^{3}	4.8237	4.1461	41.637	4.0428×10^{-4}
22	5.4058	0.58703	3.4015×10^{3}	4.8604	74.472	2.9837×10^{3}	2.8971×10^{-2}
23	0.12143	-1.7837	3.4069×10^{3}	4.868	5.6225	109.64	1.0646×10^{-3}
24	2.7522×10^{-2}	1.5426	3.4185×10^{3}	4.8846	2.4326	30.203	2.9326×10^{-4}
25	2.7069	2.9526	3.4345×10^{3}	4.9074	75.653	1.7615×10^{3}	1.7103×10^{-2}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6
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1
4.90
4.85
4.80
4.75
4.70
4.65
^{1}H (ppm)

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


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


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


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