NMR-ESPY

15:11:03
02-10-2021

Description

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

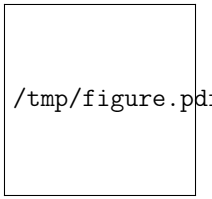
Experiment Information

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	0.97993	4.0324×10^{-3}	3.2871×10^{3}	4.6969	8.2264	650.16	6.0447×10^{-3}
-	$\pm$0.1278	$\pm 4.449 \times 10^{-3}$	$\pm$0.16563	$\pm 2.3666 \times 10^{-4}$	$\pm$1.4632	-	-
2	2.3856	3.7641×10^{-3}	3.2936×10^{3}	4.7061	13.561	1.5828×10^{3}	1.4715×10^{-2}
-	$\pm$0.45776	$\pm 6.4395 \times 10^{-3}$	$\pm$0.26776	$\pm 3.826 \times 10^{-4}$	$\pm$1.9138	-	-
3	3.044	3.6958×10^{-3}	3.296×10^{3}	4.7095	10.4	2.0196×10^{3}	1.8777×10^{-2}
-	$\pm$0.48547	$\pm 7.713 \times 10^{-3}$	$\pm$0.14453	$\pm 2.0652 \times 10^{-4}$	$\pm$1.1678	-	-

4	4.325	3.1198×10^{-3}	3.3021×10^{3}	4.7182	13.091	2.8695×10^{3}	2.6678×10^{-2}
-	± 0.45296	$\pm 2.1621 \times 10^{-2}$	± 0.12842	$\pm 1.8349 \times 10^{-4}$	± 1.1173	-	-
5	1.4544	2.8389×10^{-3}	3.3048×10^{3}	4.7222	10.626	964.98	8.9716×10^{-3}
-	± 0.36242	$\pm 1.2439 \times 10^{-2}$	± 0.2602	$\pm 3.718 \times 10^{-4}$	± 1.9003	-	-
6	0.66128	2.67×10^{-3}	3.3104×10^{3}	4.7301	9.157	438.75	4.0791×10^{-3}
-	± 0.10934	$\pm 5.515 \times 10^{-3}$	± 0.18101	$\pm 2.5864 \times 10^{-4}$	± 4.237	-	-
7	34.354	2.8139×10^{-2}	3.3219×10^{3}	4.7466	10.417	2.2785×10^{4}	0.21183
-	± 0.3352	$\pm 4.6813 \times 10^{-3}$	$\pm 5.2083 \times 10^{-3}$	$\pm 7.442 \times 10^{-6}$	$\pm 8.8721 \times 10^{-2}$	-	-
8	38.49	7.8199×10^{-3}	3.3276×10^{3}	4.7547	13.392	2.5537×10^{4}	0.23742
-	± 1.3742	$\pm 1.003 \times 10^{-2}$	$\pm 2.4113 \times 10^{-2}$	$\pm 3.4454 \times 10^{-5}$	± 0.23202	-	-
9	96.49	1.0098×10^{-2}	3.3308×10^{3}	4.7592	14.521	6.4016×10^{4}	0.59517
-	± 1.776	$\pm 1.1853 \times 10^{-2}$	$\pm 1.6274 \times 10^{-2}$	$\pm 2.3254 \times 10^{-5}$	± 0.15523	-	-
10	76.126	-2.3636×10^{-3}	3.3365×10^{3}	4.7675	12.877	5.0508×10^{4}	0.46959
-	± 2.415	$\pm 1.2294 \times 10^{-2}$	$\pm 1.6893 \times 10^{-2}$	$\pm 2.4138 \times 10^{-5}$	± 0.19536	-	-
11	73.317	-4.2277×10^{-3}	3.3396×10^{3}	4.7718	16.224	4.8644×10^{4}	0.45225
-	± 2.332	$\pm 1.34 \times 10^{-2}$	$\pm 2.5507 \times 10^{-2}$	$\pm 3.6447 \times 10^{-5}$	± 0.27129	-	-
12	46.883	-8.731×10^{-3}	3.3455×10^{3}	4.7803	12.701	3.1105×10^{4}	0.28919
-	± 0.97279	$\pm 7.1597 \times 10^{-3}$	$\pm 1.2994 \times 10^{-2}$	$\pm 1.8566 \times 10^{-5}$	± 0.17045	-	-
13	28.115	-5.899×10^{-3}	3.35×10^{3}	4.7868	27.356	1.8653×10^{4}	0.17342
-	± 1.4184	$\pm 7.0406 \times 10^{-3}$	± 0.10111	$\pm 1.4448 \times 10^{-4}$	± 0.97513	-	-
14	10.694	-2.1451×10^{-3}	3.3585×10^{3}	4.7989	23.14	7.0951×10^{3}	6.5964×10^{-2}
-	± 0.57579	$\pm 5.5494 \times 10^{-3}$	$\pm 9.1491 \times 10^{-2}$	$\pm 1.3073 \times 10^{-4}$	± 0.99546	-	-
15	0.69935	2.4271×10^{-3}	3.3664×10^{3}	4.8102	21.516	463.99	4.3138×10^{-3}
-	± 0.17306	$\pm 4.2503 \times 10^{-3}$	± 0.57553	$\pm 8.2236 \times 10^{-4}$	± 2.9804	-	-
16	0.11889	2.9417×10^{-3}	3.4047×10^{3}	4.8649	7.4464	78.879	7.3335×10^{-4}
-	$\pm 8.3761 \times 10^{-2}$	$\pm 6.4565 \times 10^{-3}$	± 1.0829	$\pm 1.5474 \times 10^{-3}$	± 8.146	-	-



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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