

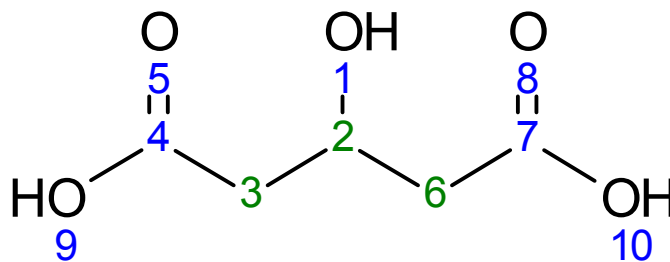
3-Hydroxyglutaric acid

HMDB00428

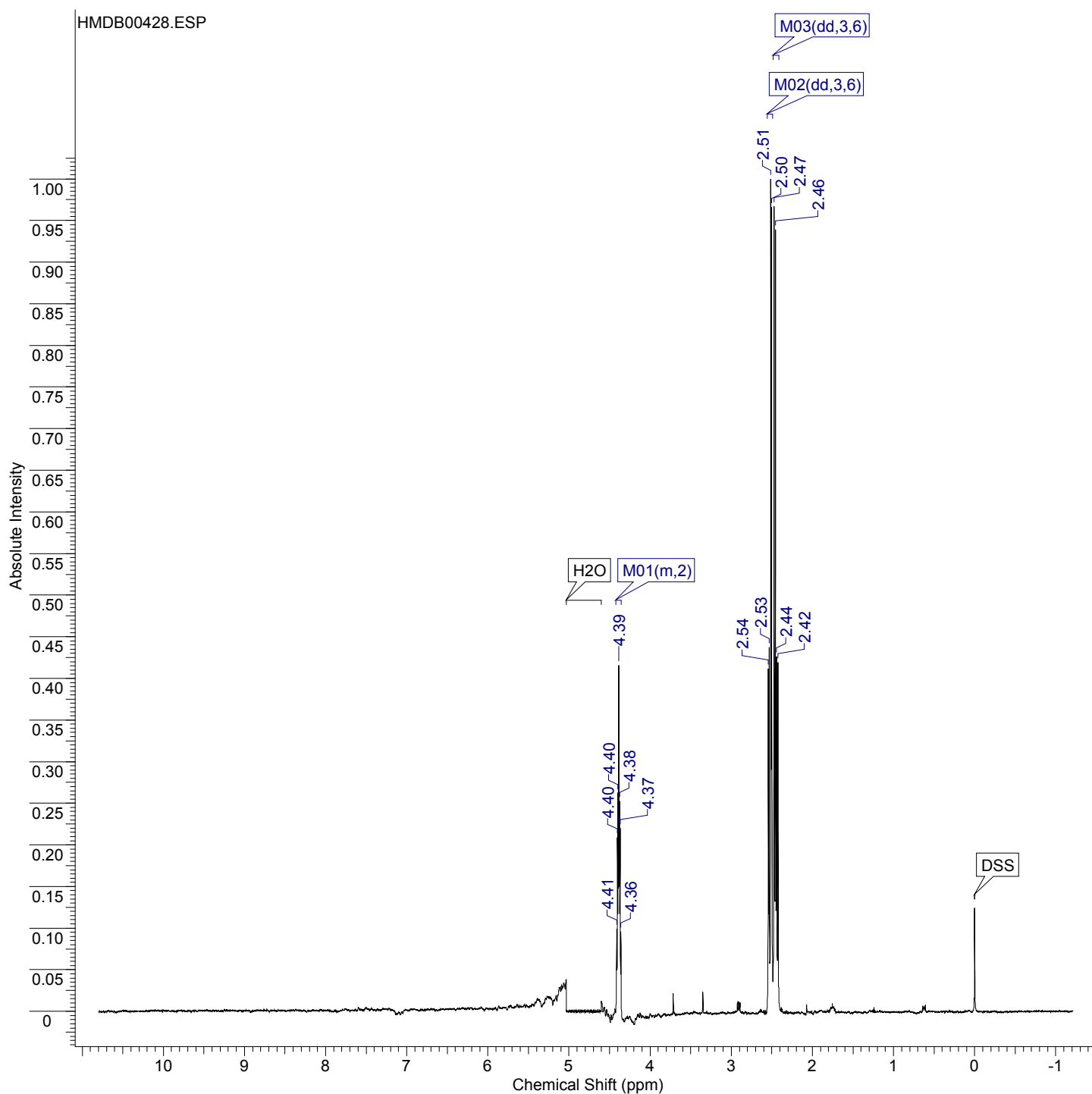
^1H NMR Spectrum: 500MHz in H_2O

Sample: ~25mM in H_2O and pH 7.00

Referenced to DSS



Full ^1H NMR Spectrum



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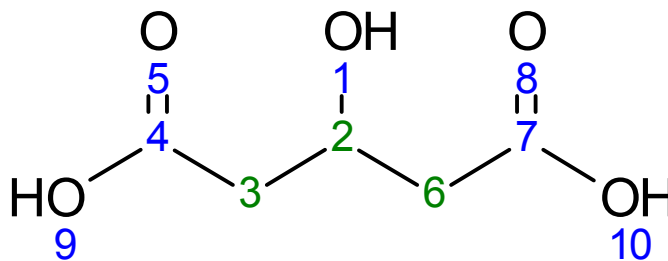


Table of Peaks

No.	(ppm)	(Hz)	Height
1	2.42	1211.9	0.4193
2	2.44	1220.2	0.4264
3	2.46	1227.1	0.9389
4	2.47	1235.5	0.9669
5	2.50	1251.0	0.9658
6	2.51	1255.8	1.0000
7	2.53	1266.2	0.4373
8	2.54	1271.1	0.4116
9	4.36	2179.2	0.0959
10	4.37	2184.1	0.2197
11	4.38	2187.5	0.2527
12	4.38	2188.6	0.2209
13	4.39	2192.3	0.4155
14	4.40	2197.2	0.2616
15	4.40	2200.6	0.2087
16	4.41	2205.5	0.0994

Table of Assignments

No.	Atom	Exp. Shift (ppm)	Multiplet
1	3	2.45	M03
2	6	2.45	M03
3	3	2.52	M02
4	6	2.52	M02
5	2	4.39	M01

Table of Multiplets

No.	Shift1 (ppm)	H's	Type	Atom1	Multiplet1	(ppm)
1	4.39	1	m	2	M01	[4.35 .. 4.42]
2	2.52	3	dd	3, 6	M02	[2.49 .. 2.56]
3	2.45	3	dd	3, 6	M03	[2.41 .. 2.48]

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