

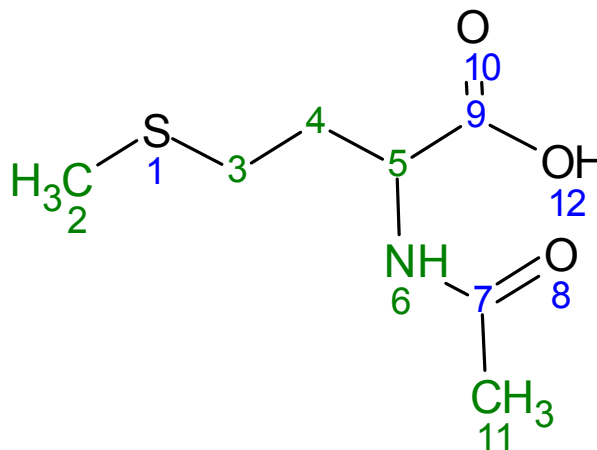
N-Acetyl-L-methionine

HMDB11745

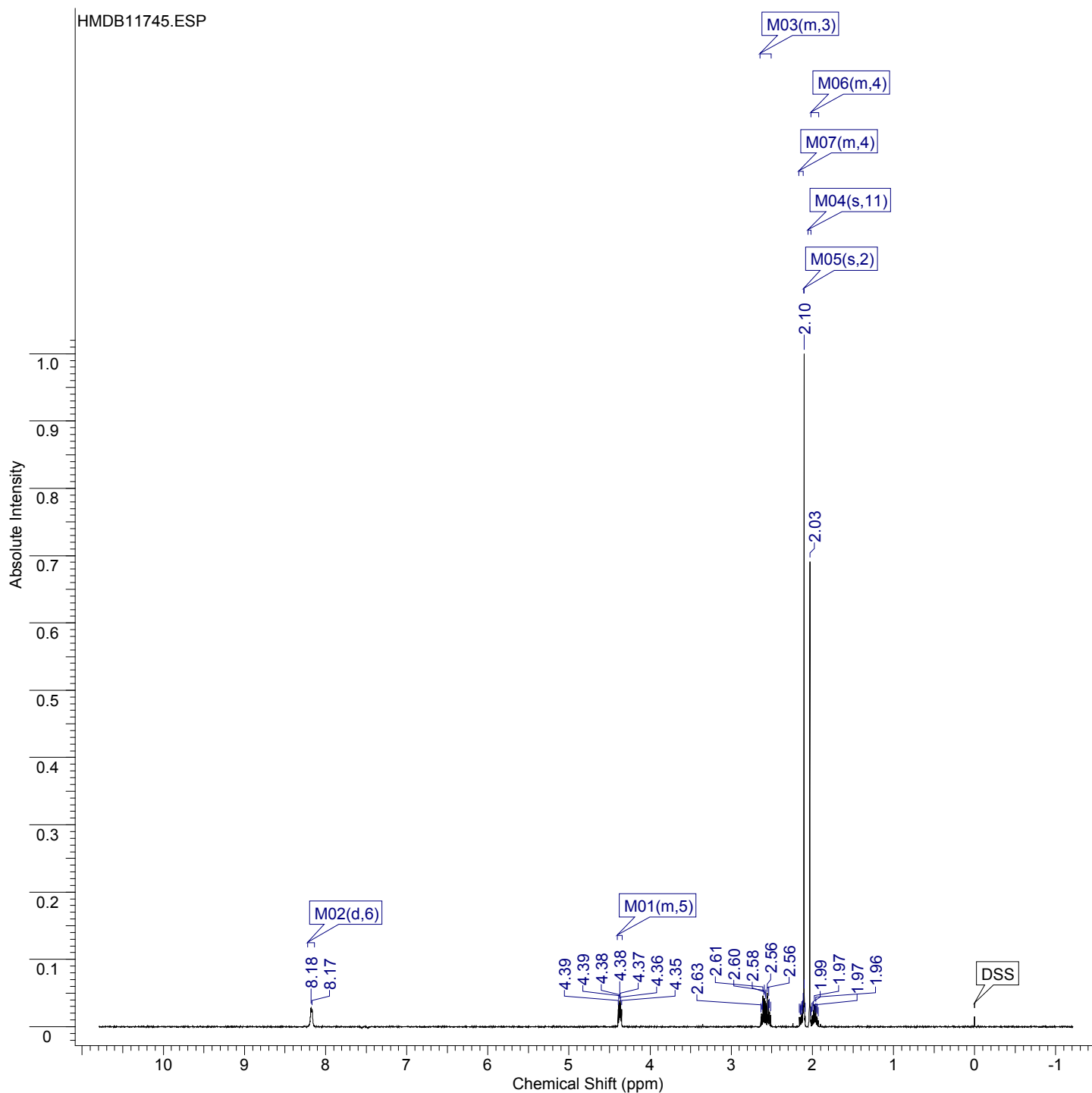
^1H NMR Spectrum: 500MHz in H_2O

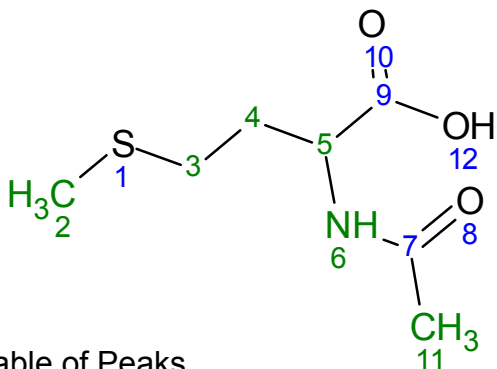
Sample: ~50mM in H_2O and pH 7.00

Referenced to DSS



Full ^1H NMR Spectrum





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Table of Peaks

No.	(ppm)	(Hz)	Height
1	1.93	963.9	0.0097
2	1.94	969.3	0.0128
3	1.95	972.6	0.0154
4	1.96	978.2	0.0312
5	1.96	981.6	0.0155
6	1.97	983.5	0.0197
7	1.97	986.9	0.0334
8	1.99	992.6	0.0244
9	1.99	995.8	0.0175
10	2.00	1001.0	0.0158
11	2.02	1007.8	0.0104
12	2.03	1015.5	0.6911
13	2.09	1044.6	0.0156
14	2.10	1049.2	0.0503
15	2.10	1051.3	1.0000
16	2.11	1056.5	0.0274
17	2.12	1057.7	0.0306
18	2.12	1060.5	0.0193
19	2.13	1063.2	0.0120
20	2.13	1065.8	0.0183
21	2.14	1067.3	0.0160
22	2.14	1070.5	0.0122
23	2.14	1071.9	0.0144
24	2.15	1074.8	0.0119
25	2.16	1079.3	0.0144
26	2.51	1256.3	0.0175
27	2.53	1263.7	0.0211
28	2.53	1264.8	0.0216
29	2.54	1269.7	0.0398
30	2.55	1272.1	0.0189
31	2.56	1277.2	0.0458
32	2.56	1278.1	0.0508
33	2.57	1285.5	0.0350
34	2.58	1290.0	0.0384
35	2.59	1295.2	0.0428
36	2.60	1298.7	0.0412
37	2.61	1303.9	0.0462
38	2.62	1308.6	0.0186
39	2.63	1312.1	0.0194
40	2.64	1317.3	0.0153
41	4.35	2175.2	0.0262
42	4.36	2179.8	0.0312
43	4.37	2182.8	0.0349
44	4.37	2184.3	0.0371
45	4.38	2187.4	0.0387
46	4.38	2188.8	0.0343
47	4.39	2192.0	0.0333
48	4.39	2196.6	0.0259
49	8.17	4082.7	0.0256
50	8.18	4089.2	0.0280

Table of Assignments

No.	Atom	Exp. Shift (ppm)	Multiplet
1	4	1.97	M06
2	11	2.03	M04
3	2	2.10	M05
4	4	2.13	M07
5	3	2.57	M03
6	5	4.37	M01
7	6	8.17	M02

Table of Multiplets

No.	Shift1 (ppm)	H's	Type	J (Hz)	Atom1	Multiplet1	(ppm)
1	2.13	6	m	-	4	M07	[2.11 .. 2.17]
2	8.17	9	d	6.45	6	M02	[8.14 .. 8.22]
3	1.97	9	m	-	4	M06	[1.92 .. 2.02]
4	4.37	10	m	-	5	M01	[4.34 .. 4.40]
5	2.57	17	m	-	3	M03	[2.51 .. 2.64]
6	2.10	20	s	-	2	M05	[2.10 .. 2.11]
7	2.03	24	s	-	11	M04	[2.02 .. 2.05]

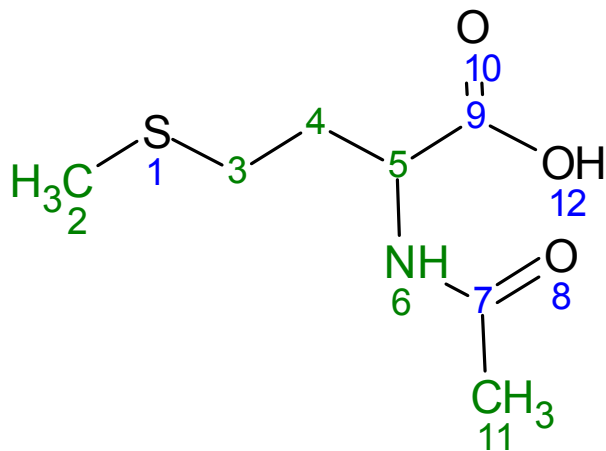
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Zoomed ^1H NMR Spectrum

