

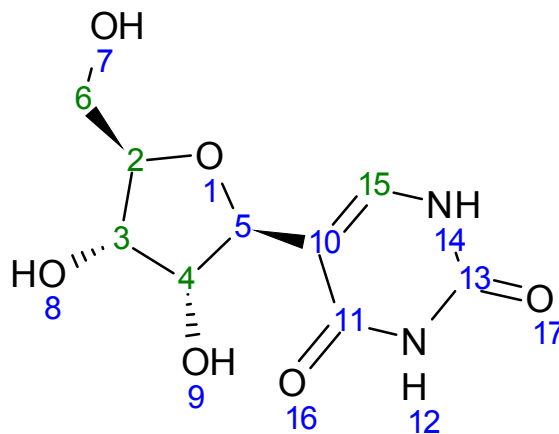
# Pseudouridine

HMDB00767

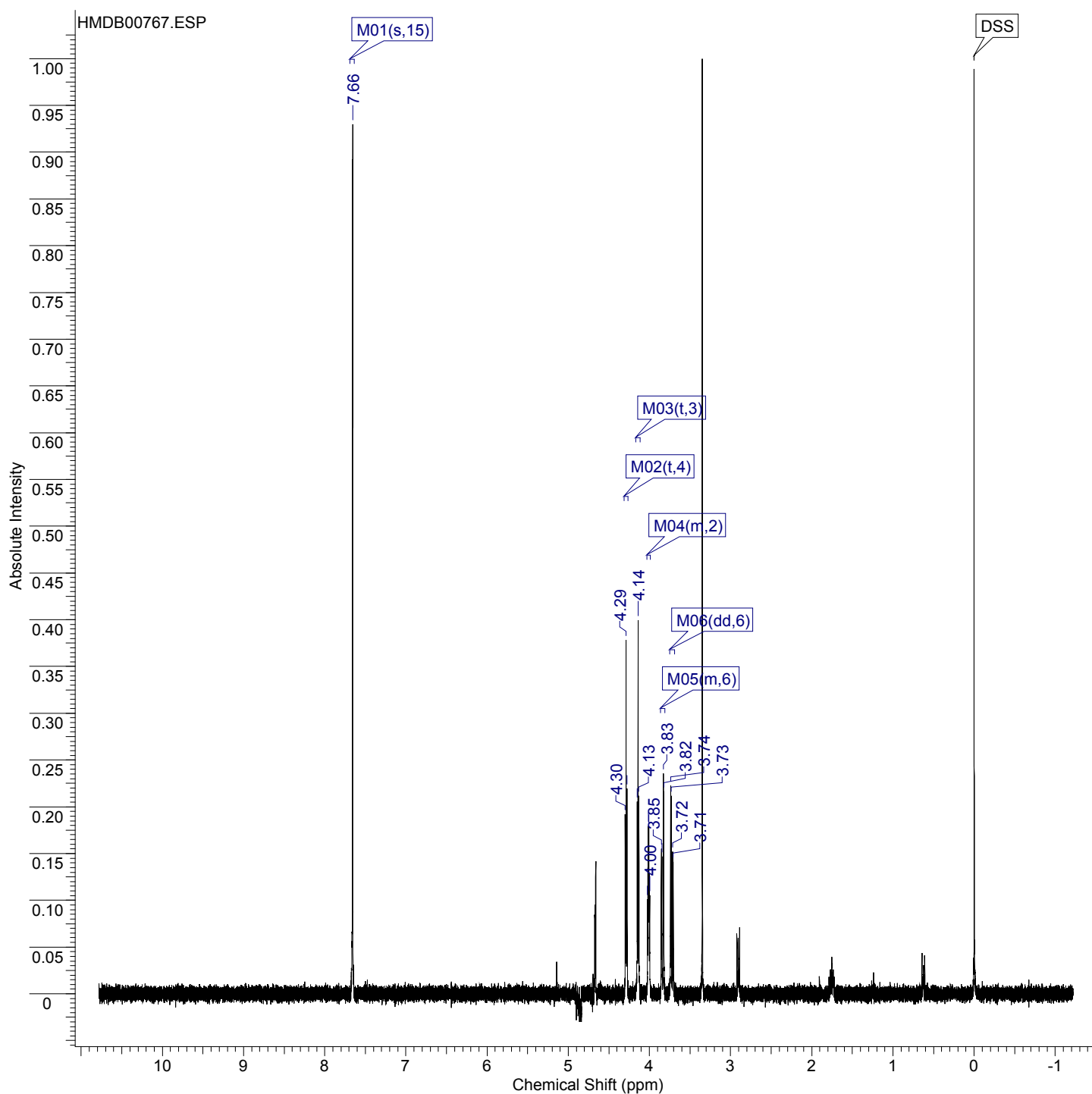
$^1\text{H}$  NMR Spectrum: 500MHz in  $\text{H}_2\text{O}$

Sample: ~3mM in  $\text{H}_2\text{O}$  and pH 7.00

Referenced to DSS



Full  $^1\text{H}$  NMR Spectrum



# Pseudouridine

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Sample: ~3mM in H<sub>2</sub>O and pH 7.00

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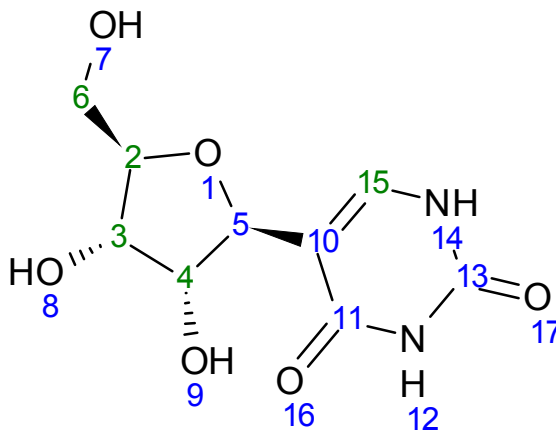


Table of Peaks

No.	(ppm)	(Hz)	Height
1	3.71	1852.4	0.1412
2	3.72	1857.2	0.1519
3	3.73	1864.9	0.2117
4	3.74	1869.7	0.2227
5	3.82	1910.9	0.2166
6	3.83	1914.0	0.2356
7	3.85	1923.3	0.1471
8	3.85	1926.5	0.1554
9	4.00	1998.0	0.1053
10	4.01	2002.9	0.1774
11	4.01	2006.4	0.1794
12	4.02	2011.2	0.1015
13	4.13	2064.3	0.2115
14	4.14	2069.6	0.3994
15	4.15	2075.0	0.2054
16	4.28	2137.1	0.2195
17	4.29	2142.6	0.3785
18	4.30	2148.1	0.1922
19	7.66	3827.1	0.9296

Table of Assignments

No.	Atom	Exp. Shift (ppm)	Multiplet
1	6	3.72	M06
2	6	3.84	M05
3	2	4.01	M04
4	3	4.14	M03
5	4	4.29	M02
6	15	7.66	M01

Table of Multiplets

No.	Shift1 (ppm)	H's	Type	J (Hz)	Atom1	Multiplet1	(ppm)
1	3.72	1	dd	12.49, 4.80	6	M06	[3.69 .. 3.75]
2	3.84	1	m	-	6	M05	[3.81 .. 3.87]
3	4.01	1	m	-	2	M04	[3.99 .. 4.03]
4	4.14	1	t	5.38	3	M03	[4.12 .. 4.17]
5	4.29	1	t	5.47	4	M02	[4.27 .. 4.31]
6	7.66	2	s	-	15	M01	[7.64 .. 7.69]

