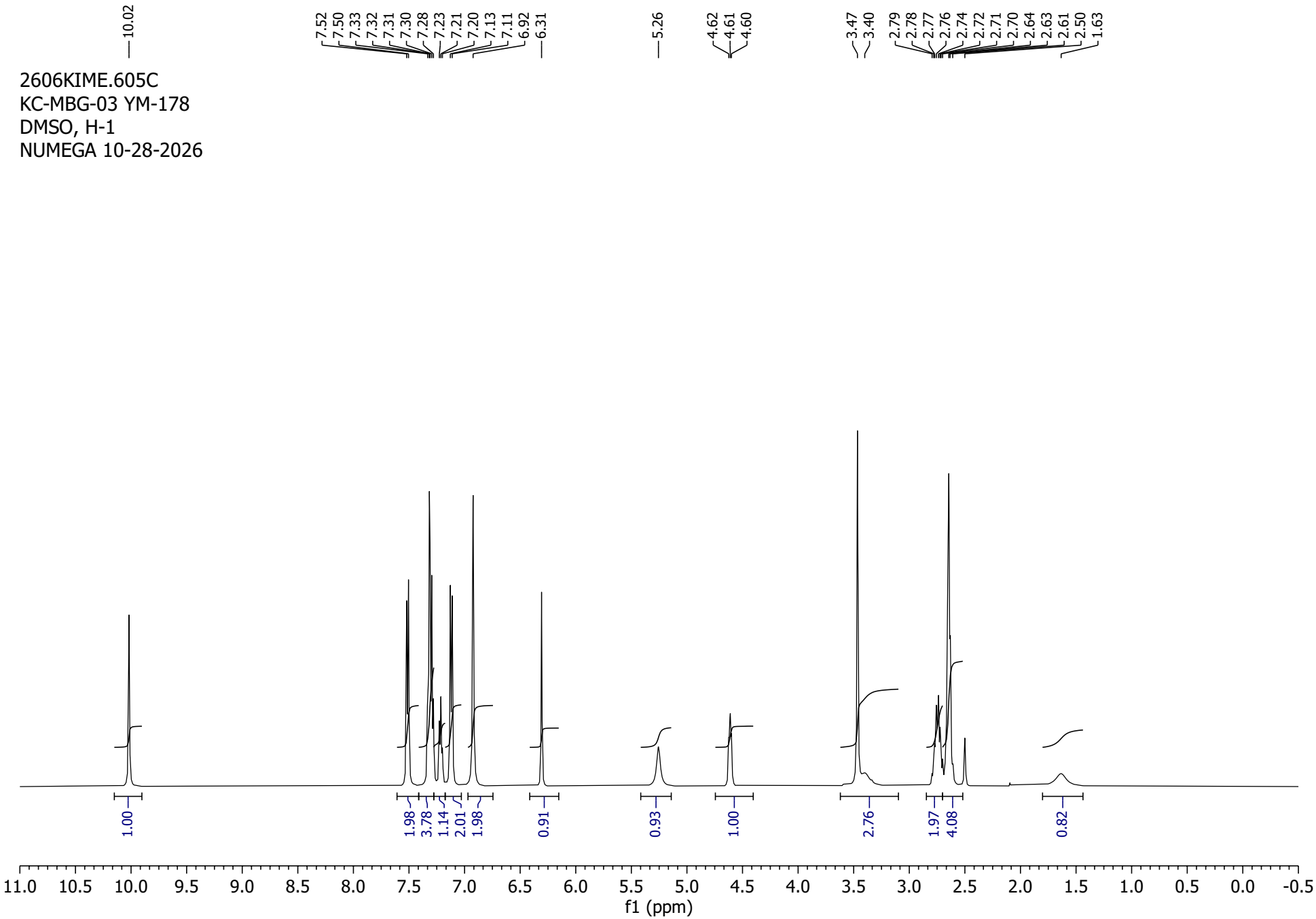
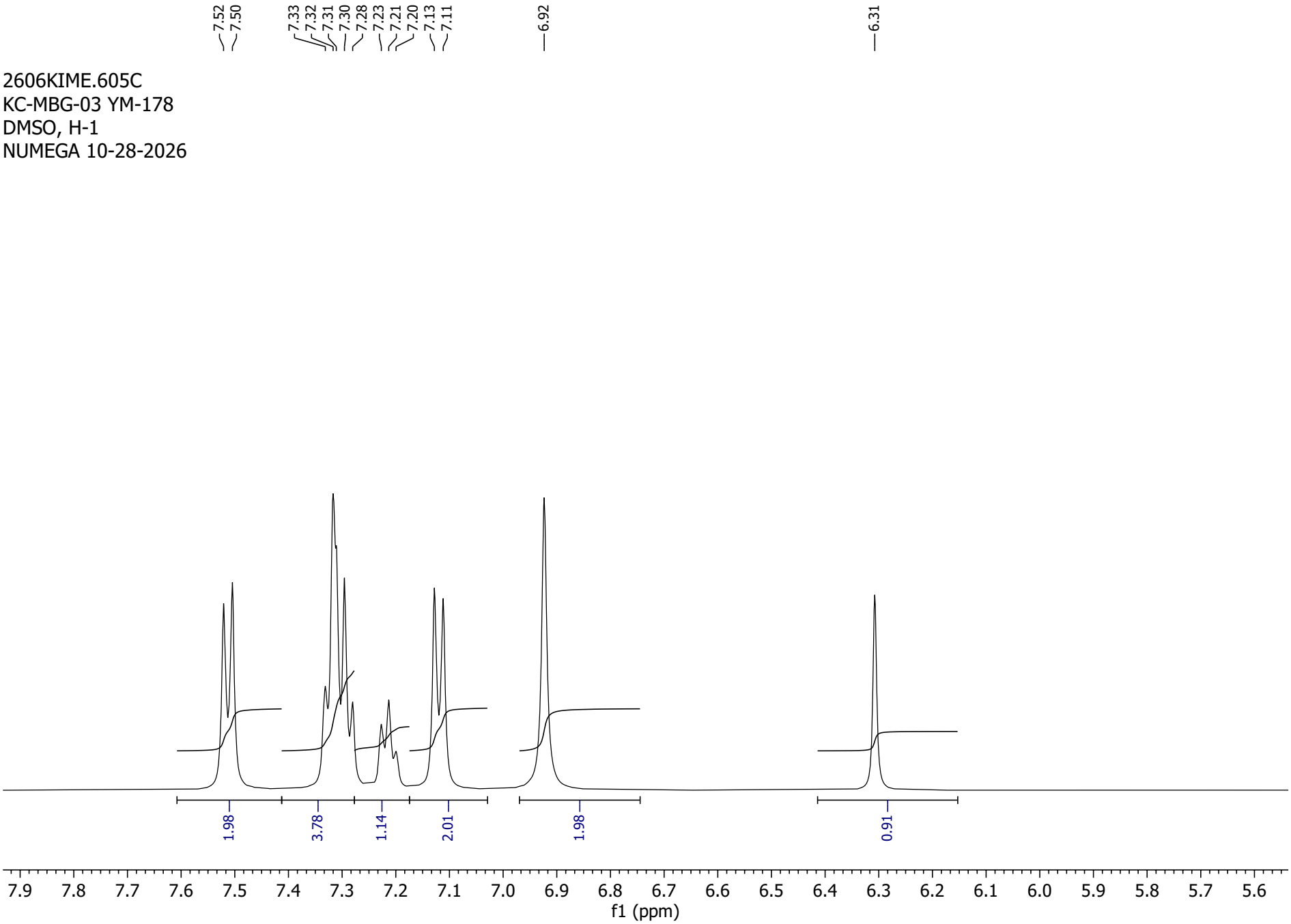
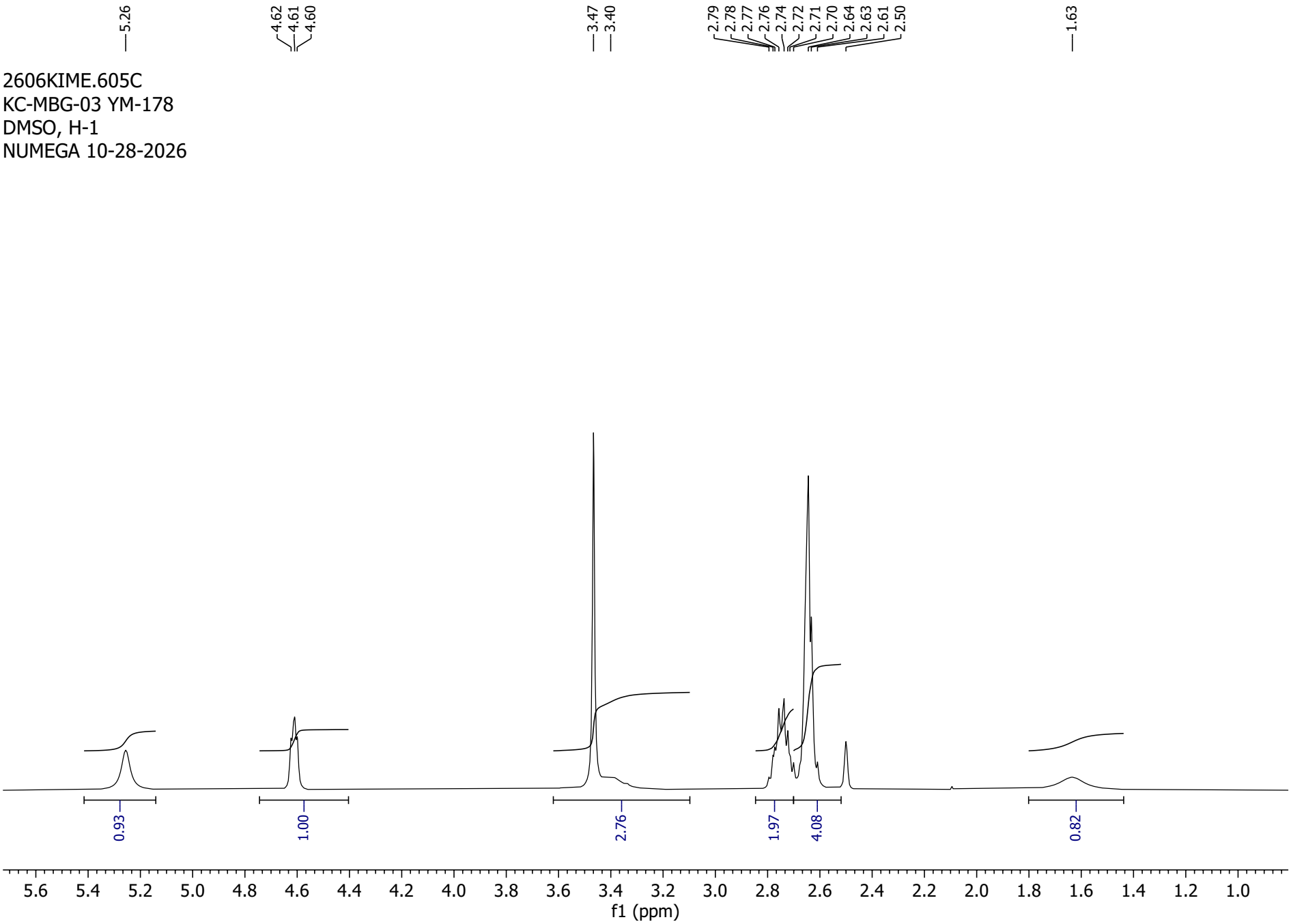
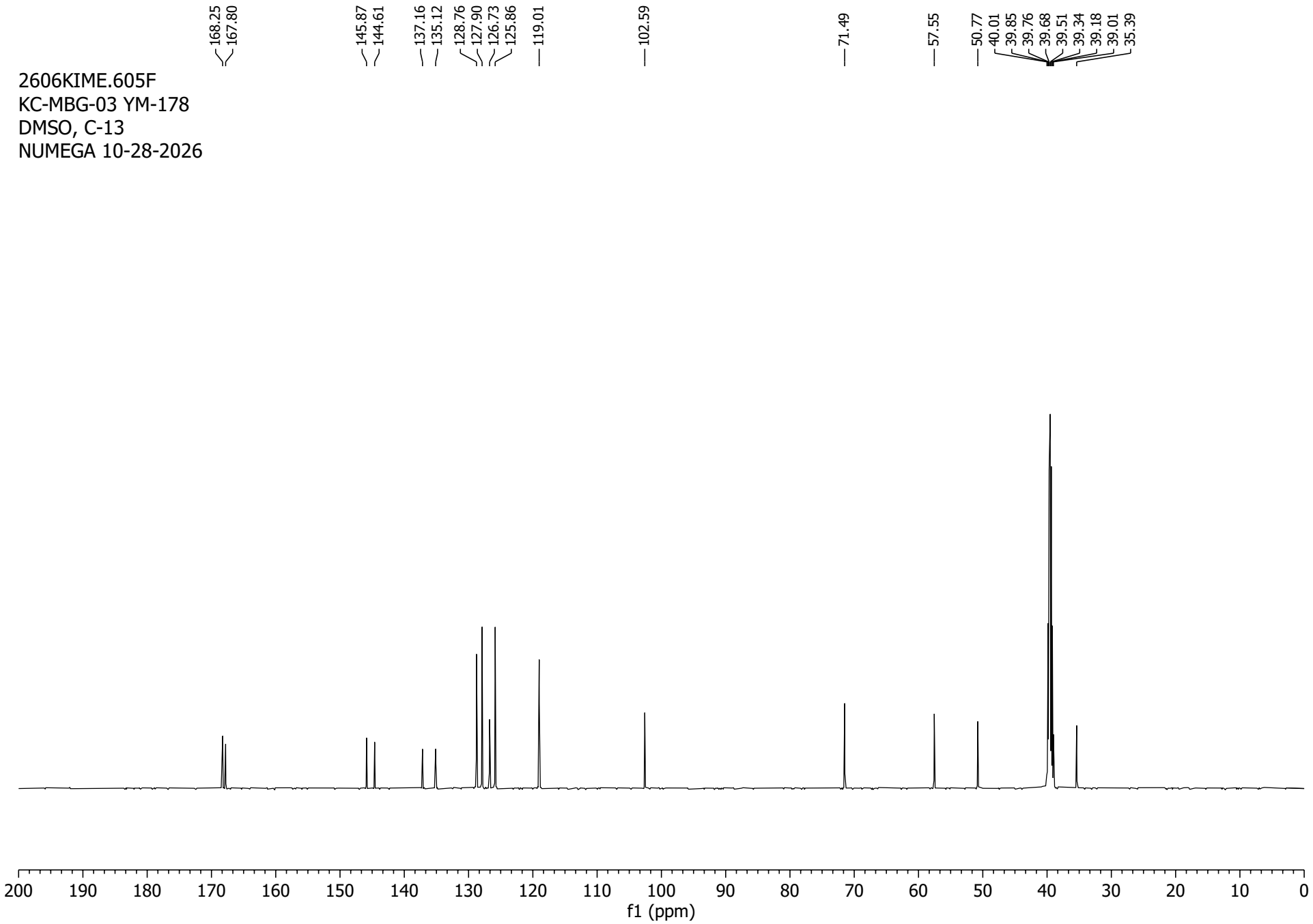
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KC-MBG-03 YM-178
DMSO, H-1
NUMEGA 10-28-2026

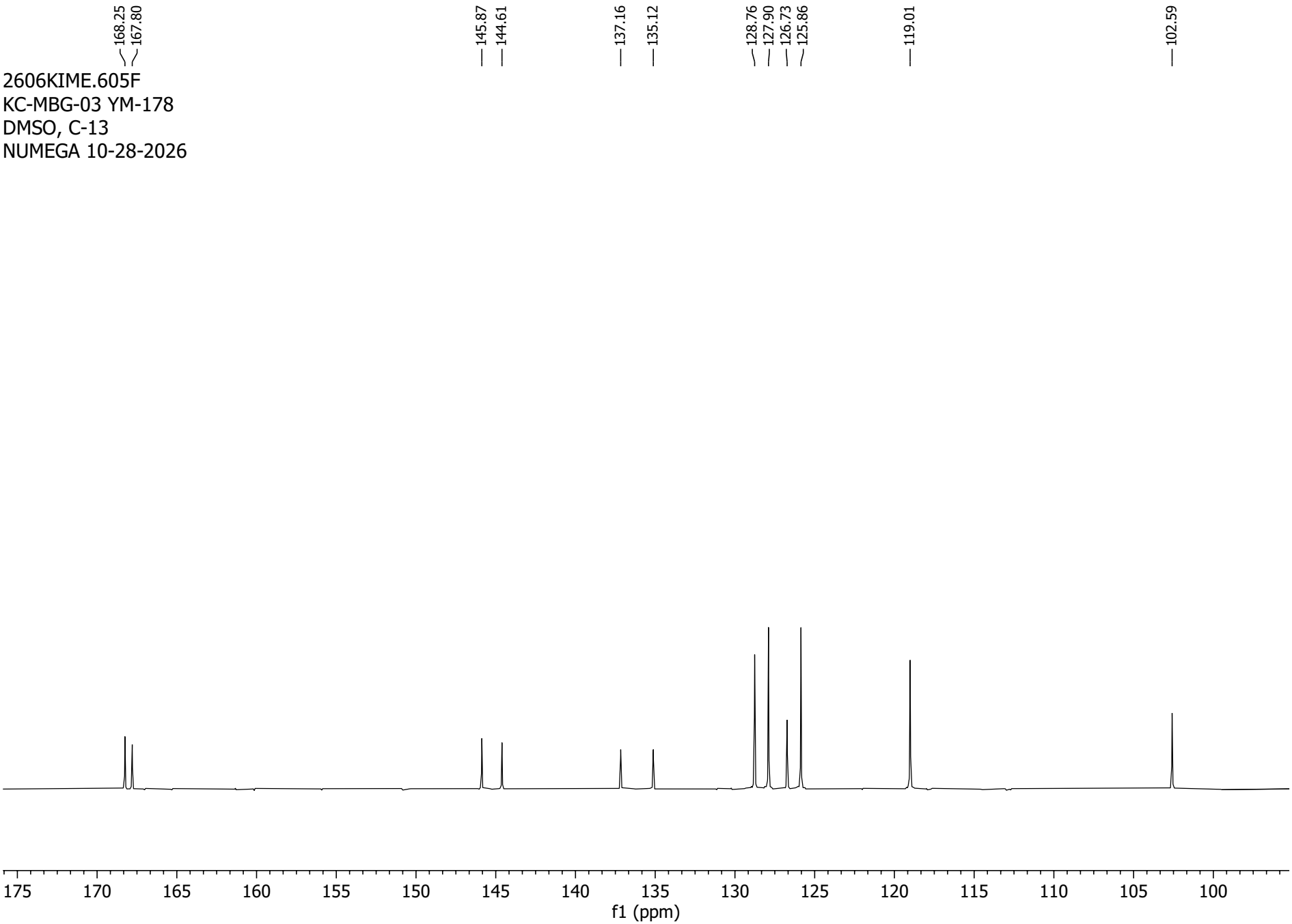


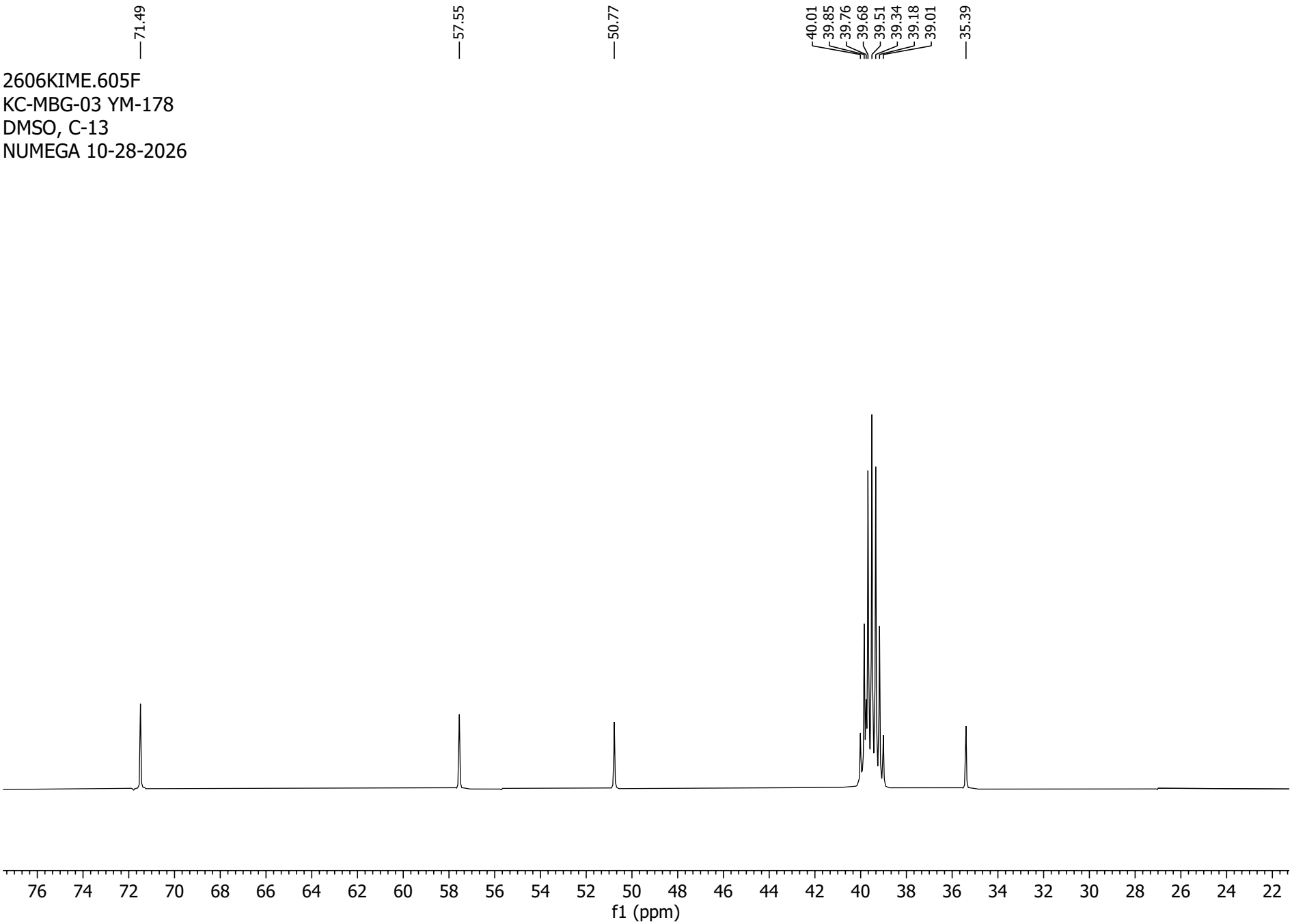
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KC-MBG-03 YM-178
DMSO, H-1
NUMEGA 10-28-2026

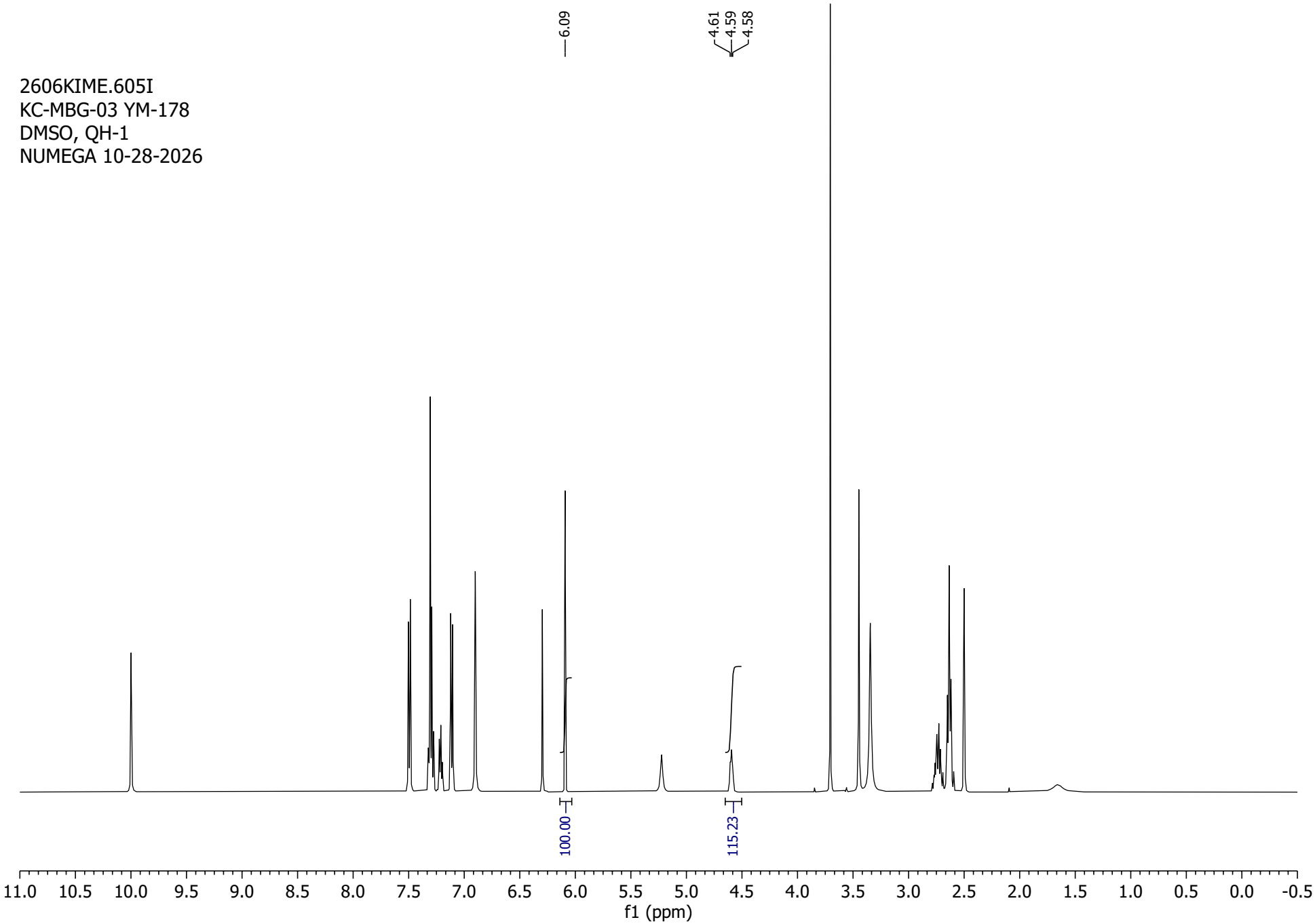



5.26
4.62
4.61
4.60
3.47
3.40
2.79
2.78
2.77
2.76
2.74
2.72
2.71
2.70
2.64
2.63
2.61
2.50
1.63
2606KIME.605C
KC-MBG-03 YM-178
DMSO, H-1
NUMEGA 10-28-2026
0.93
1.00
2.76
1.97
4.08
0.82
5.6
5.4
5.2
5.0
4.8
4.6
4.4
4.2
4.0
3.8
3.6
3.4
3.2
3.0
2.8
2.6
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
f1 (ppm)


168.25
167.80
145.87
144.61
137.16
135.12
128.76
127.90
126.73
125.86
119.01
102.59
71.49
57.55
50.77
40.01
39.85
39.76
39.68
39.51
39.34
39.18
39.01
35.39
2606KIME.605F
KC-MBG-03 YM-178
DMSO, C-13
NUMEGA 10-28-2026
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
f1 (ppm)


168.25
167.80
145.87
144.61
137.16
135.12
128.76
127.90
126.73
125.86
119.01
102.59
2606KIME.605F
KC-MBG-03 YM-178
DMSO, C-13
NUMEGA 10-28-2026
175
170
165
160
155
150
145
140
135
130
125
120
115
110
105
100
f1 (ppm)


71.49
57.55
50.77
40.01
39.85
39.76
39.68
39.51
39.34
39.18
39.01
35.39
2606KIME.605F
KC-MBG-03 YM-178
DMSO, C-13
NUMEGA 10-28-2026
76 74 72 70 68 66 64 62 60 58 56 54 52 50 48 46 44 42 40 38 36 34 32 30 28 26 24 22
f1 (ppm)


2606KIME.605I
KC-MBG-03 YM-178
DMSO, QH-1
NUMEGA 10-28-2026
6.09
4.61
4.59
4.58
100.00
115.23
11.0 10.5 10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 -0.5
f1 (ppm)

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Phone 858-793-6057 ◆ Fax 858-793-2607

November 2, 2026

NuMega Reference #
2606KIME.605I

Company: Kimera Chem

Quantitative Analysis Report

Bruker 500 MHz, AVII-500 and AV-500

Sample ID	KC-MBG-03 YM-178
Standard	1,3,5-trimethoxybenzene
Weight of Standard (wt_{st})	1.787
Weight of Sample (wt_{sa})	15.002
Assumed Sample Molecular Weight (MW_{sa})	396.51
Standard Molecular Weight (MW_{st})	168.19
Integration of Sample (I_{sa})	115.23
Integration of Standard (I_{st})	100
# of Equivalent Nuclei in Standard (n_{st})	3
# of Equivalent Nuclei in Sample (n_{sa})	1
Assigned Purity of Standard % (P)	99.83
Purity %	96.9

Formula Used for Calculation:

$$Purity\ \% = \frac{wt_{st}}{wt_{sa}} \times \frac{MW_{sa}}{MW_{st}} \times \frac{I_{sa}}{I_{st}} \times \frac{n_{st}}{n_{sa}} \times P$$