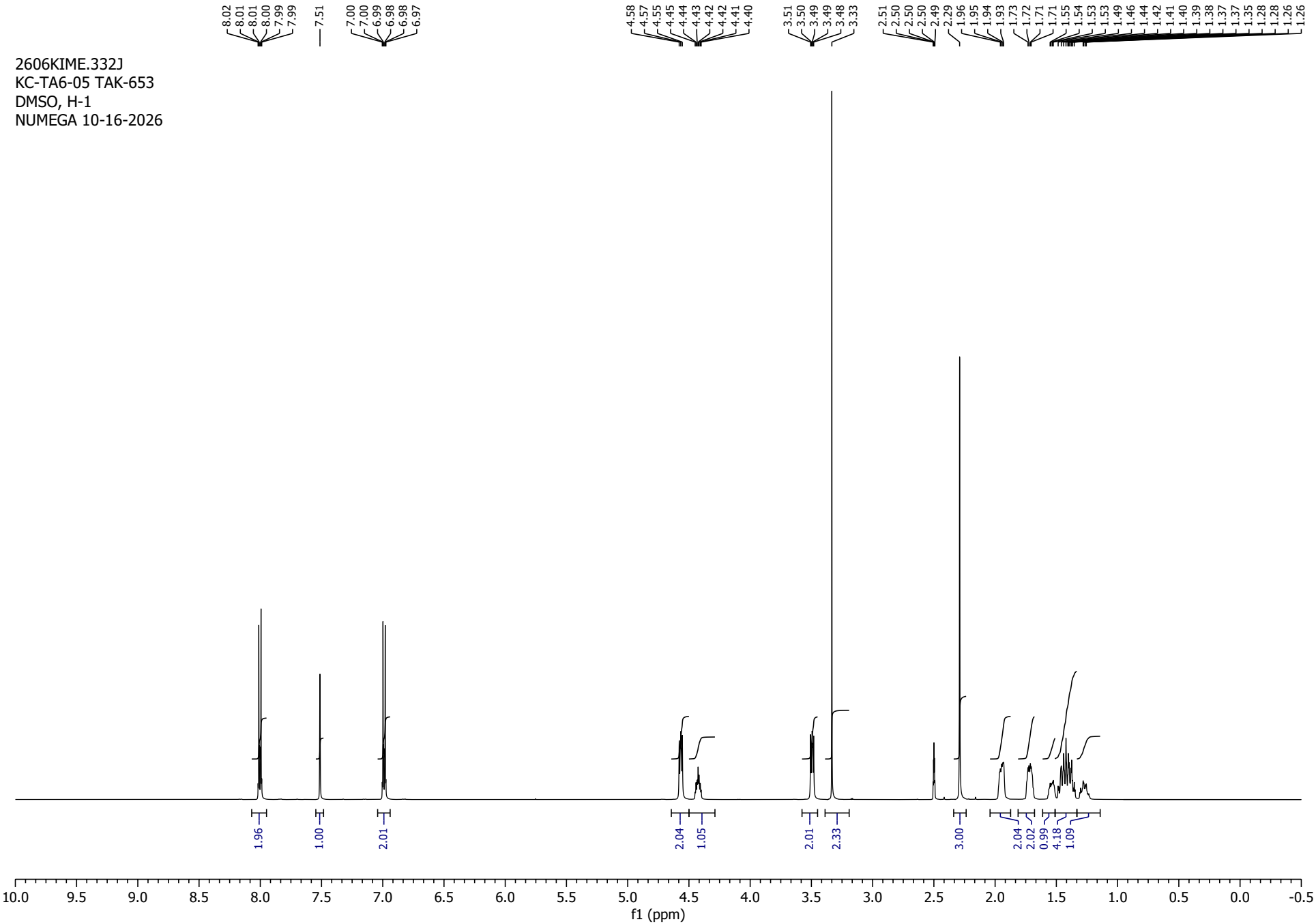
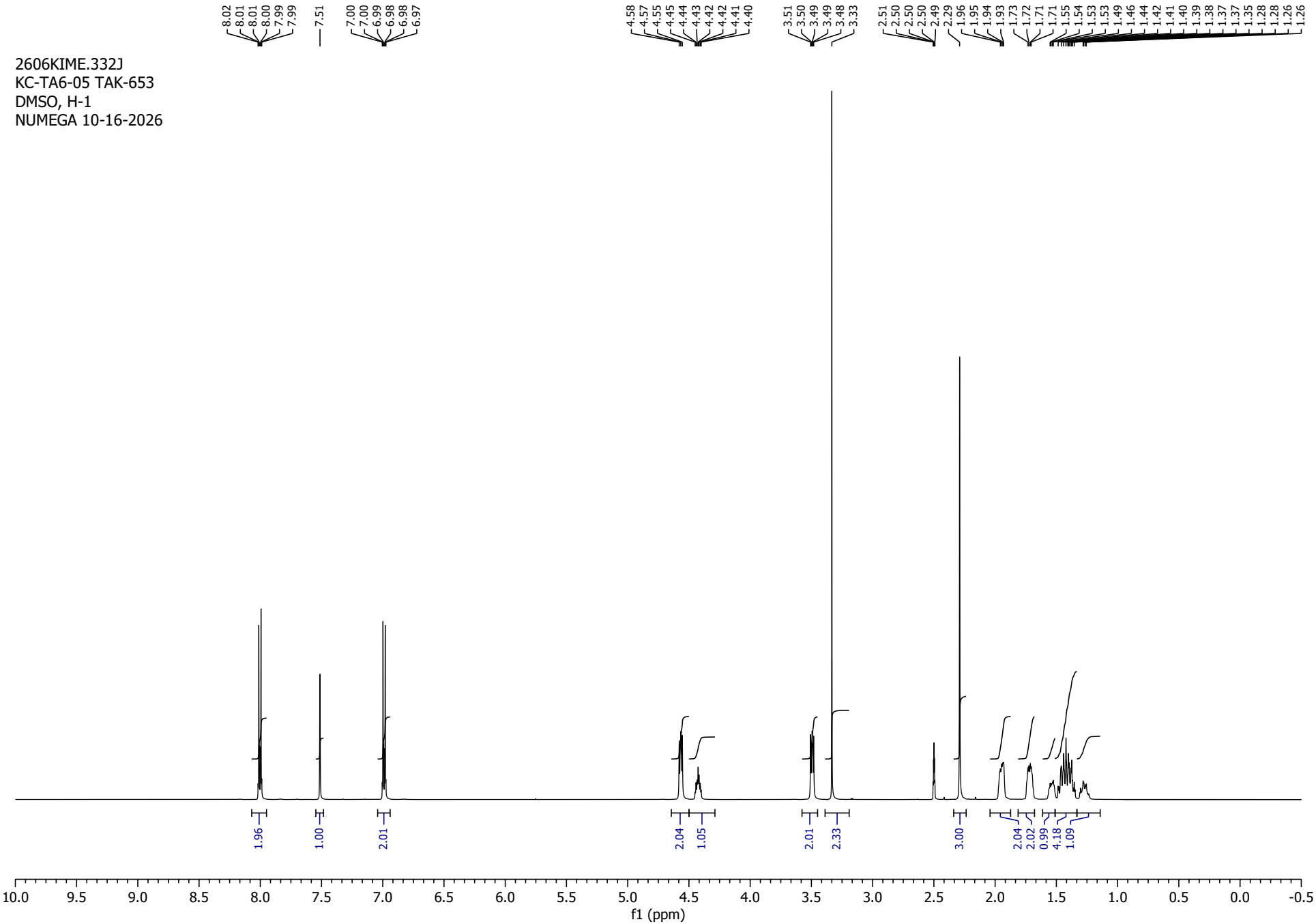
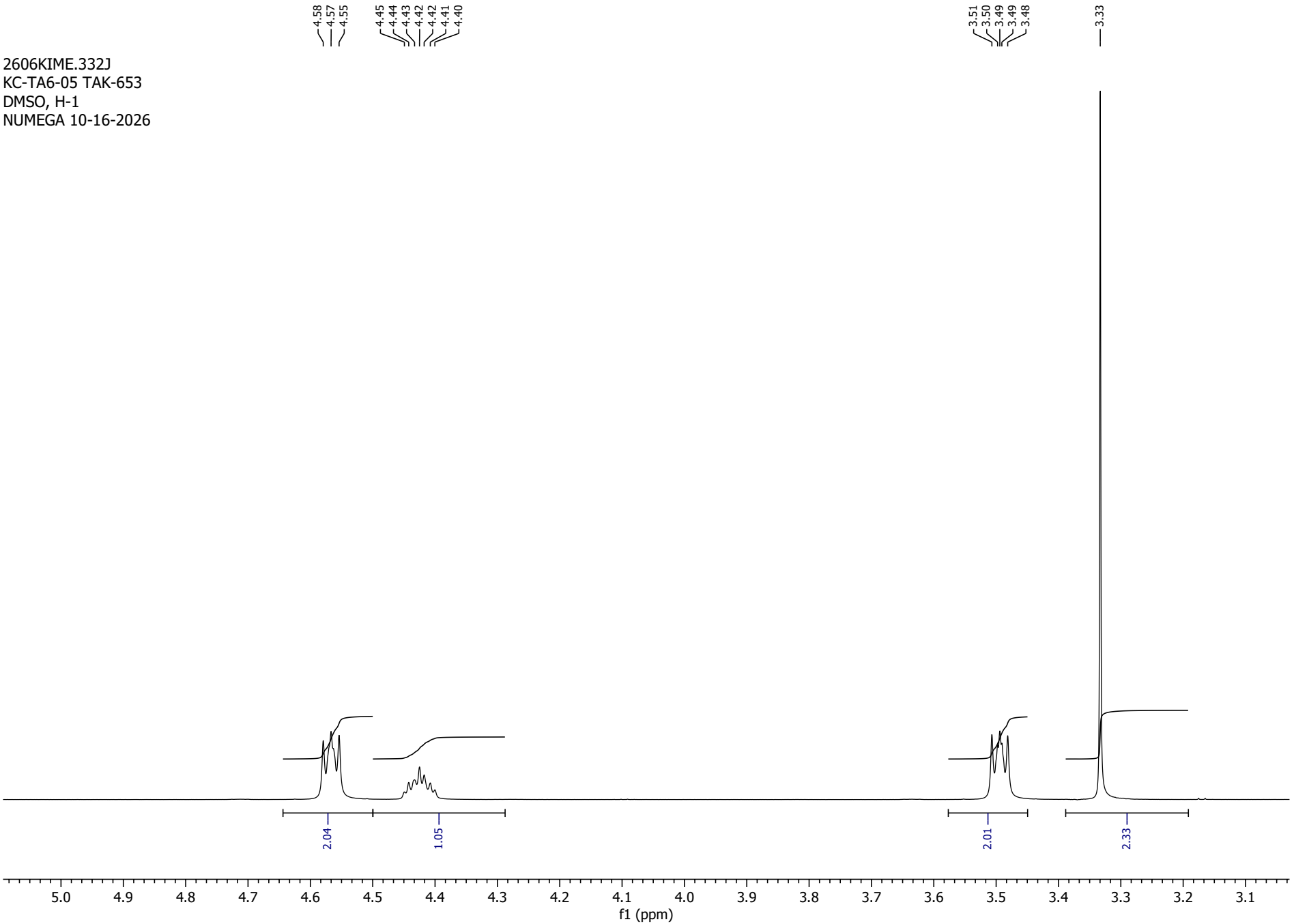
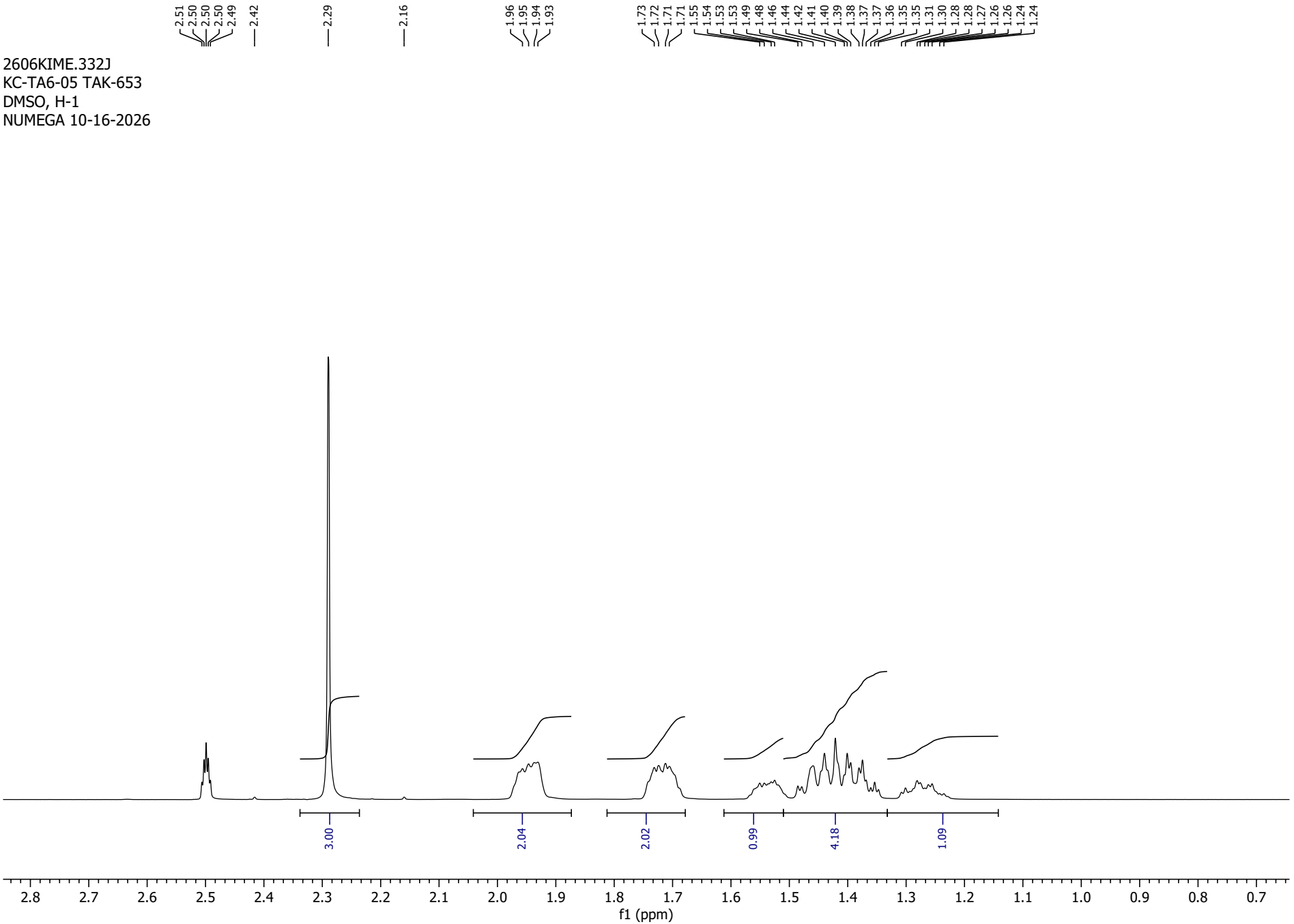

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KC-TA6-05 TAK-653
DMSO, H-1
NUMEGA 10-16-2026
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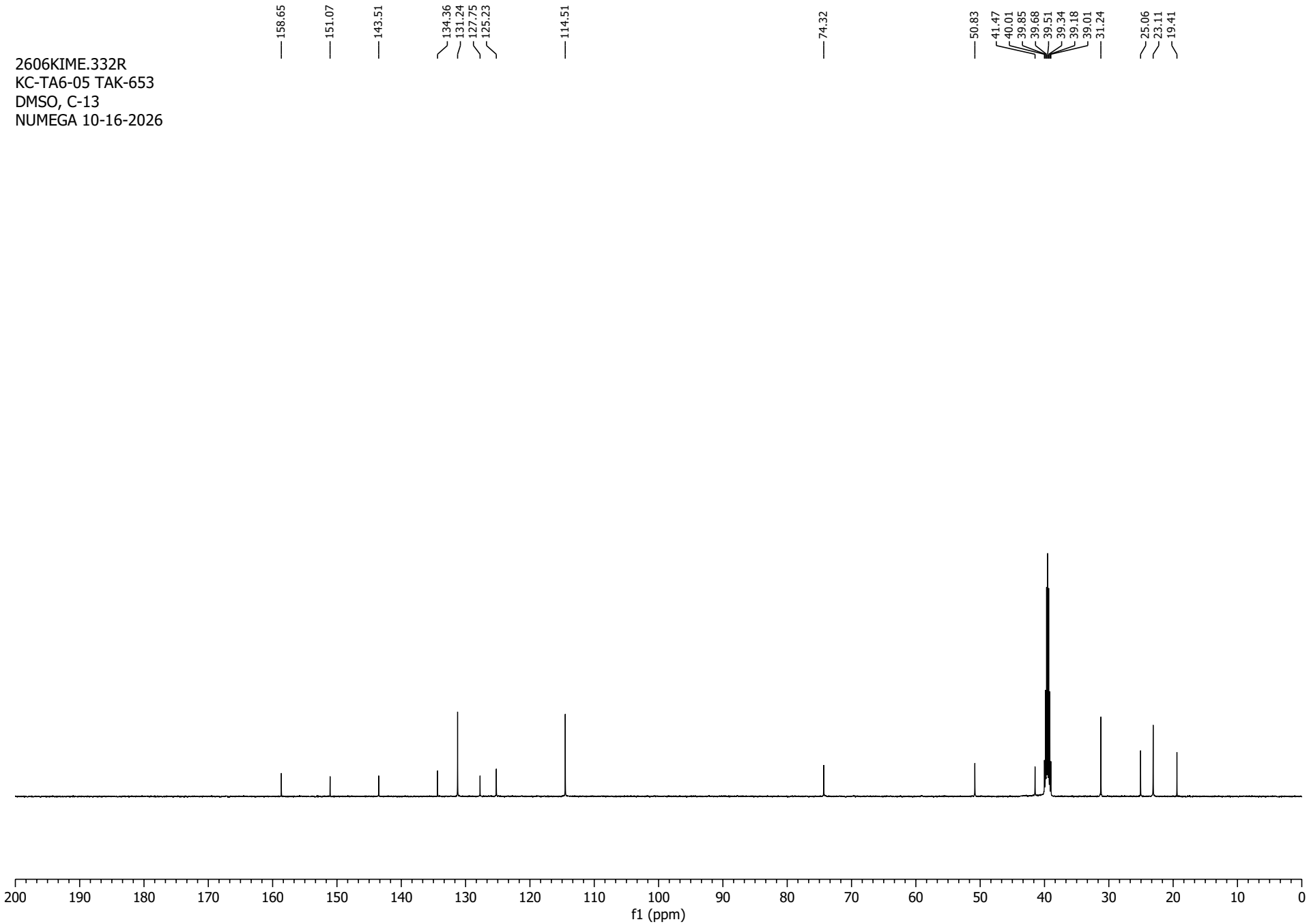

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2606KIME.332J
KC-TA6-05 TAK-653
DMSO, H-1
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f1 (ppm)

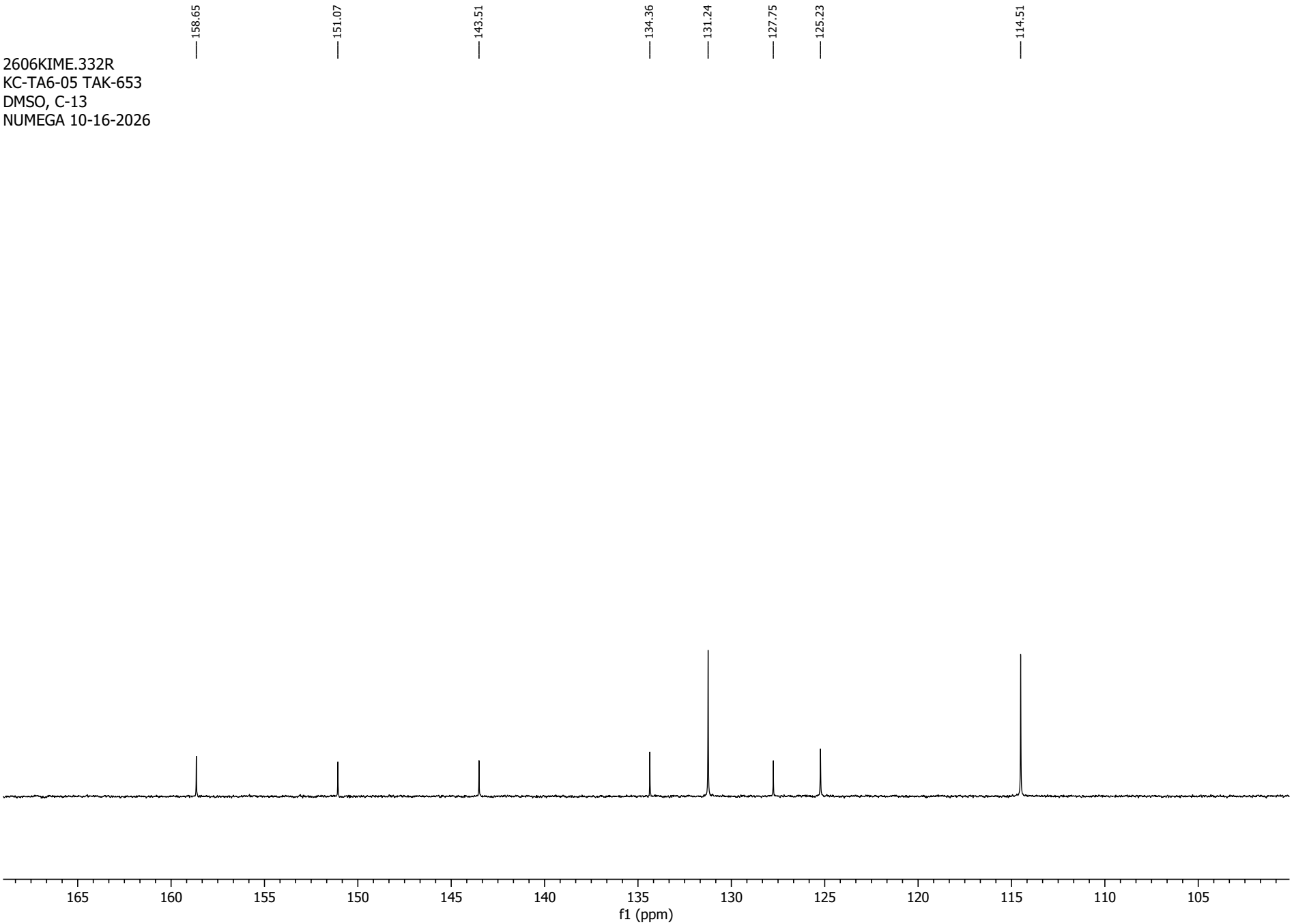

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2606KIME.332J
KC-TA6-05 TAK-653
DMSO, H-1
NUMEGA 10-16-2026
2.04
1.05
2.01
2.33
5.0
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4.8
4.7
4.6
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3.2
3.1
f1 (ppm)

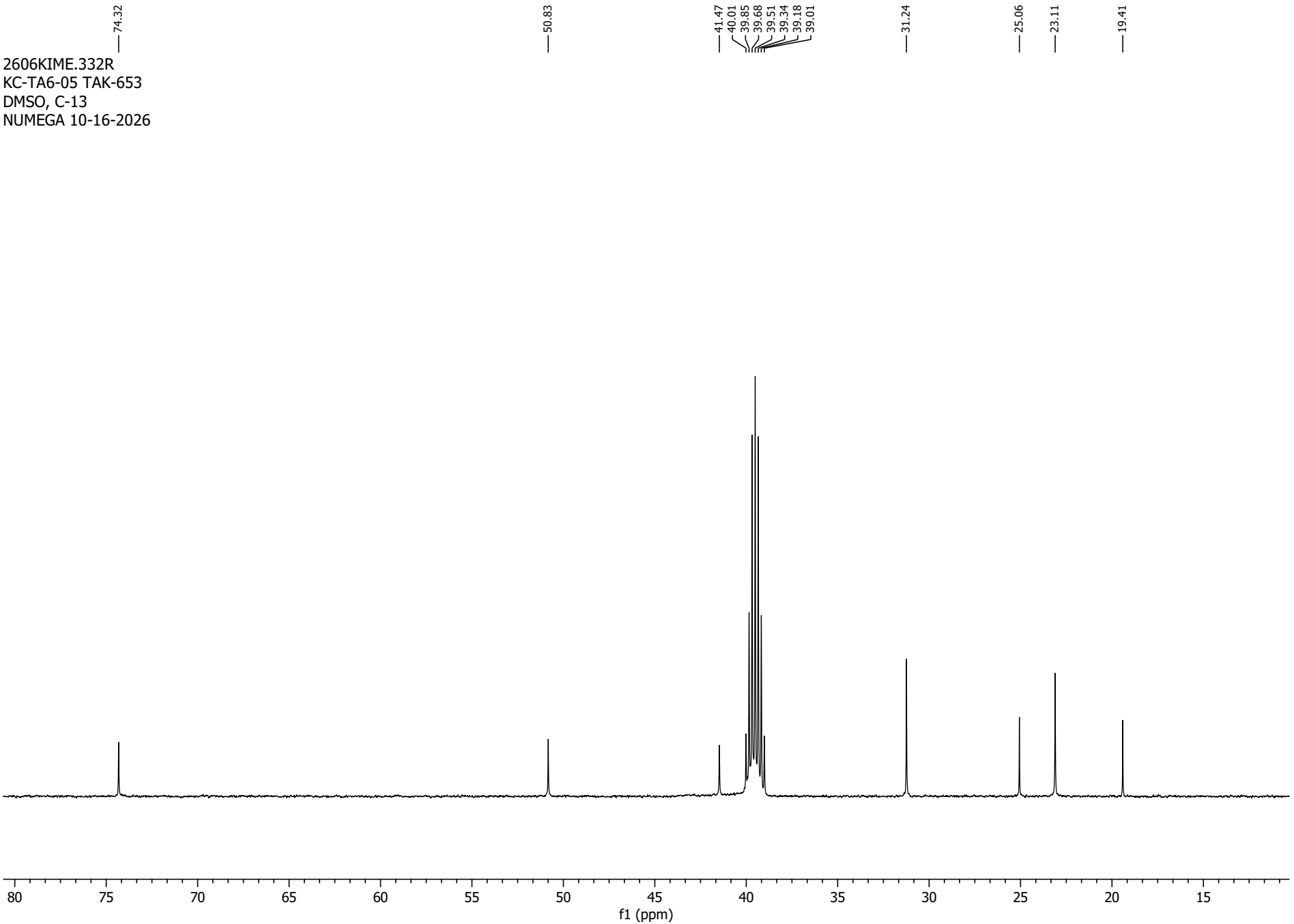
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DMSO, H-1
NUMEGA 10-16-2026

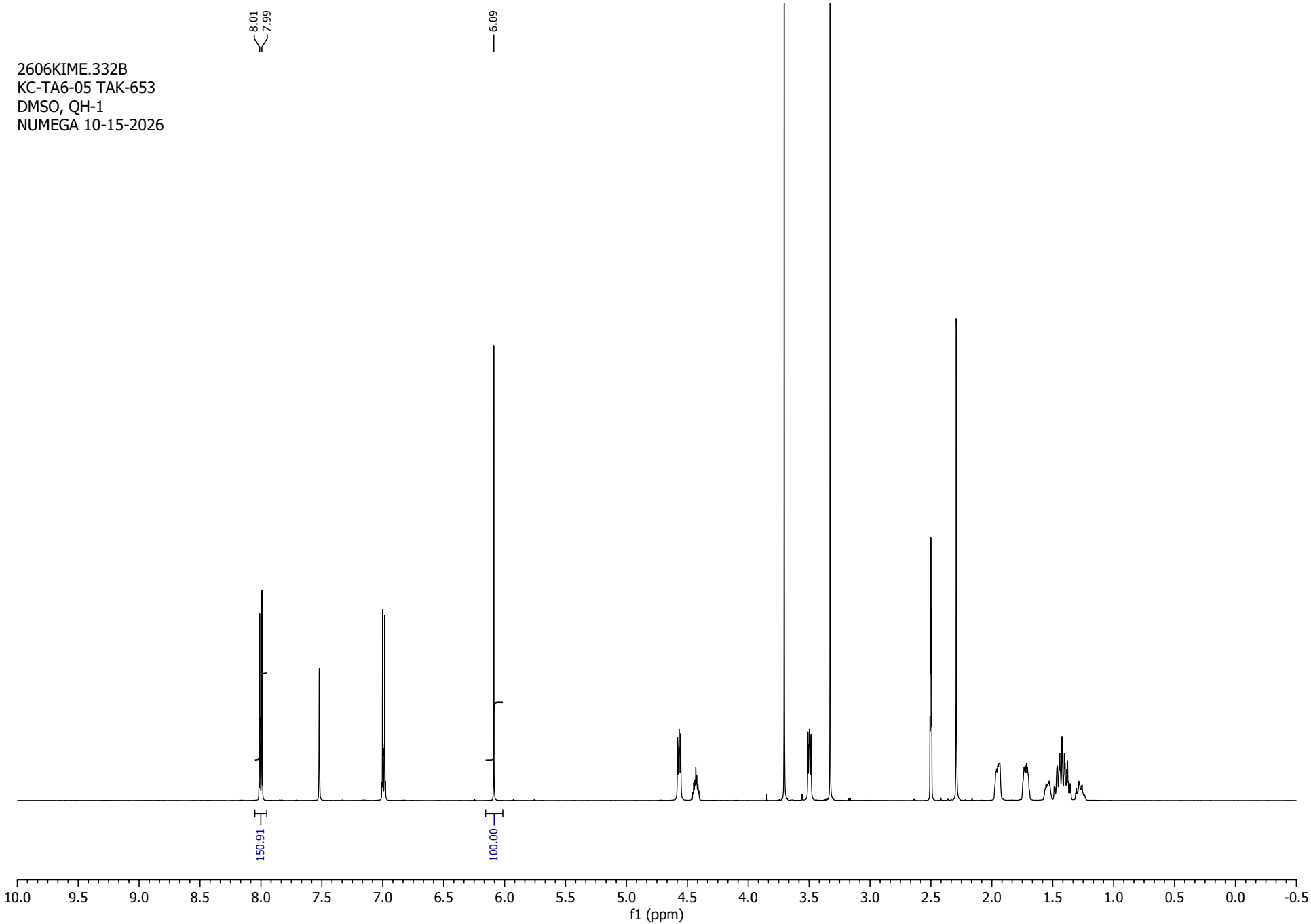


2606KIME.332R
KC-TA6-05 TAK-653
DMSO, C-13
NUMEGA 10-16-2026




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143.51
134.36
131.24
127.75
125.23
114.51
2606KIME.332R
KC-TA6-05 TAK-653
DMSO, C-13
NUMEGA 10-16-2026
165
160
155
150
145
140
135
130
125
120
115
110
105
f1 (ppm)


74.32
50.83
41.47
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39.85
39.68
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39.34
39.18
39.01
31.24
25.06
23.11
19.41
2606KIME.332R
KC-TA6-05 TAK-653
DMSO, C-13
NUMEGA 10-16-2026
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75
70
65
60
55
50
45
40
35
30
25
20
15
f1 (ppm)


8.01
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6.09
2606KIME.332B
KC-TA6-05 TAK-653
DMSO, QH-1
NUMEGA 10-15-2026
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2.0
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0.5
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-0.5
f1 (ppm)

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Phone 858-793-6057 ◆ Fax 858-793-2607

October 20, 2026

NuMega Reference #
2606KIME.332B

Company: Kimera Chem

Quantitative Analysis Report

Bruker 500 MHz, AVII-500 and AV-500

Sample ID	KC-TA6-05 TAK-653
Standard	1,3,5-trimethoxybenzene
Weight of Standard (wt_{st})	2.129
Weight of Sample (wt_{sa})	10.731
Assumed Sample Molecular Weight (MW_{sa})	373.47
Standard Molecular Weight (MW_{st})	168.19
Integration of Sample (I_{sa})	150.91
Integration of Standard (I_{st})	100
# of Equivalent Nuclei in Standard (n_{st})	3
# of Equivalent Nuclei in Sample (n_{sa})	2
Assigned Purity of Standard % (P)	99.83
Purity %	99.6

Formula Used for Calculation:

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