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January 13, 2026

NuMega Reference #

2600KIME.095L

Kimera Chems

Quantitative Analysis Report

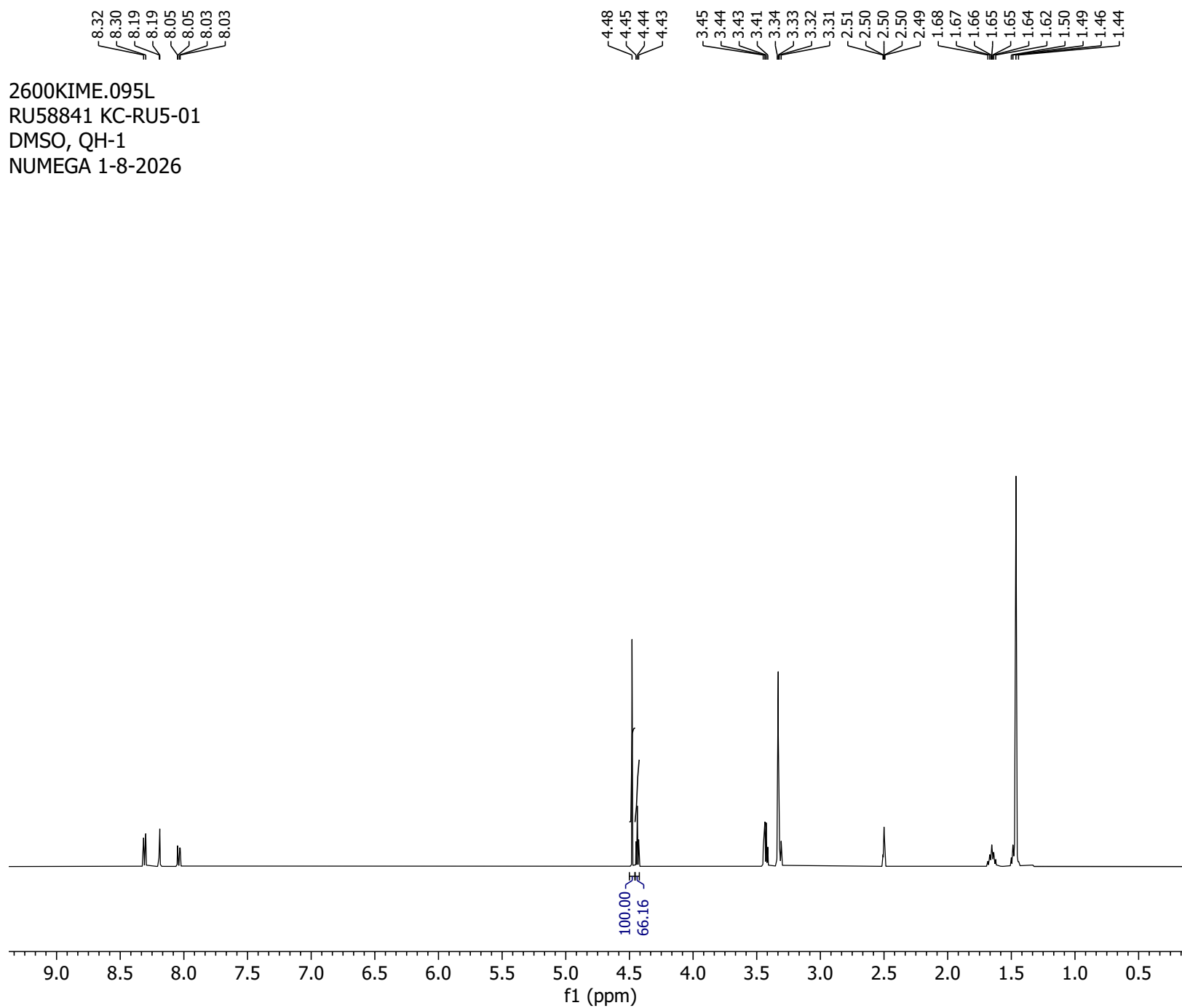
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	RU58841 KC-RU5-01
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	1.402
Weight of Sample (wt _{sa})	15.624
Assumed Sample Molecular Weight (MW _{sa})	369.34
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	66.16
Integration of Standard (I _{st})	100
# of Equivalent Nuclei in Standard (n _{st})	4
# of Equivalent Nuclei in Sample (n _{sa})	1
Assigned Purity of Standard % (P)	99.71
Purity %	99.3%

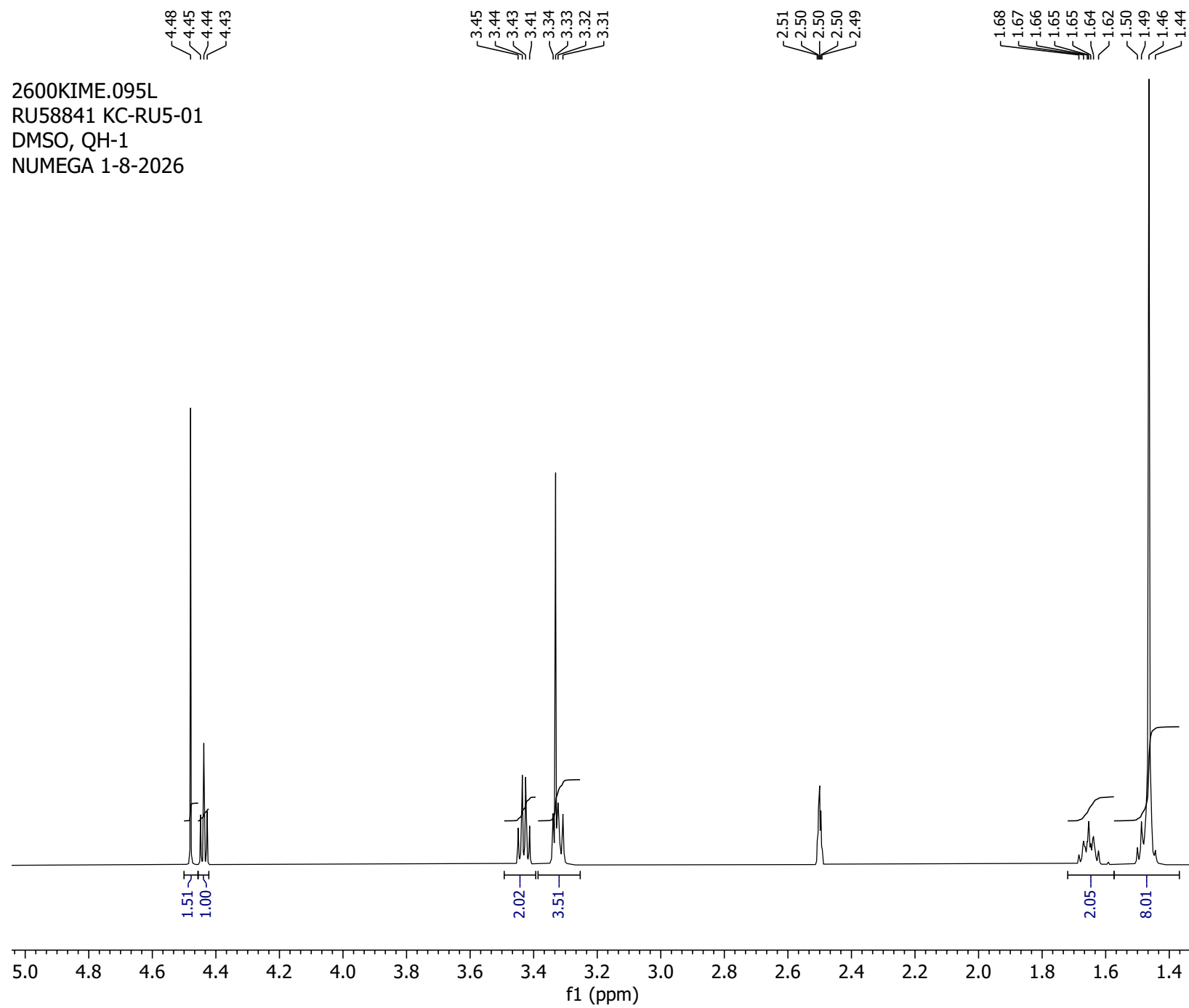
Formula Used for Calculation:

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

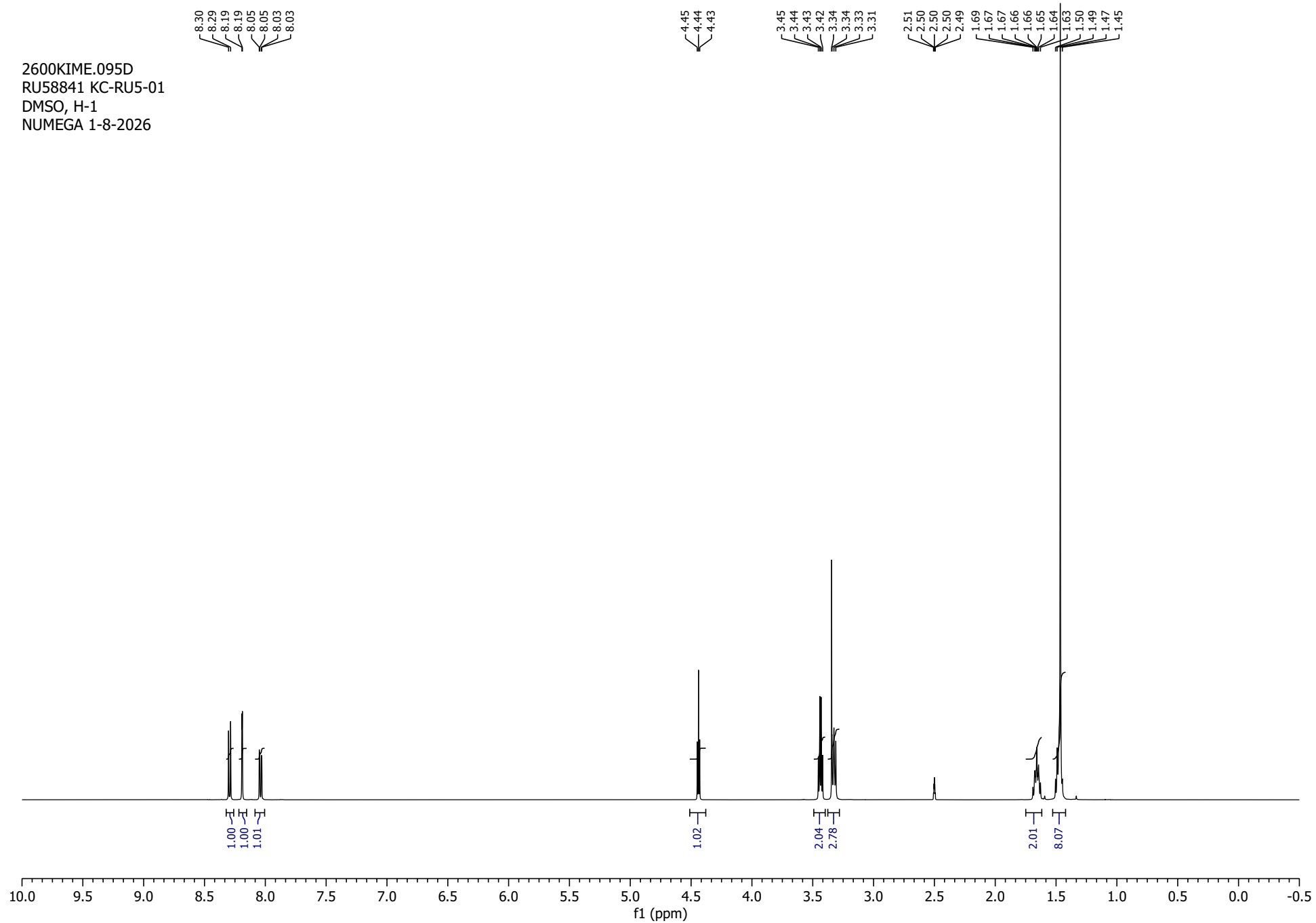
2600KIME.095L
RU58841 KC-RU5-01
DMSO, QH-1
NUMEGA 1-8-2026



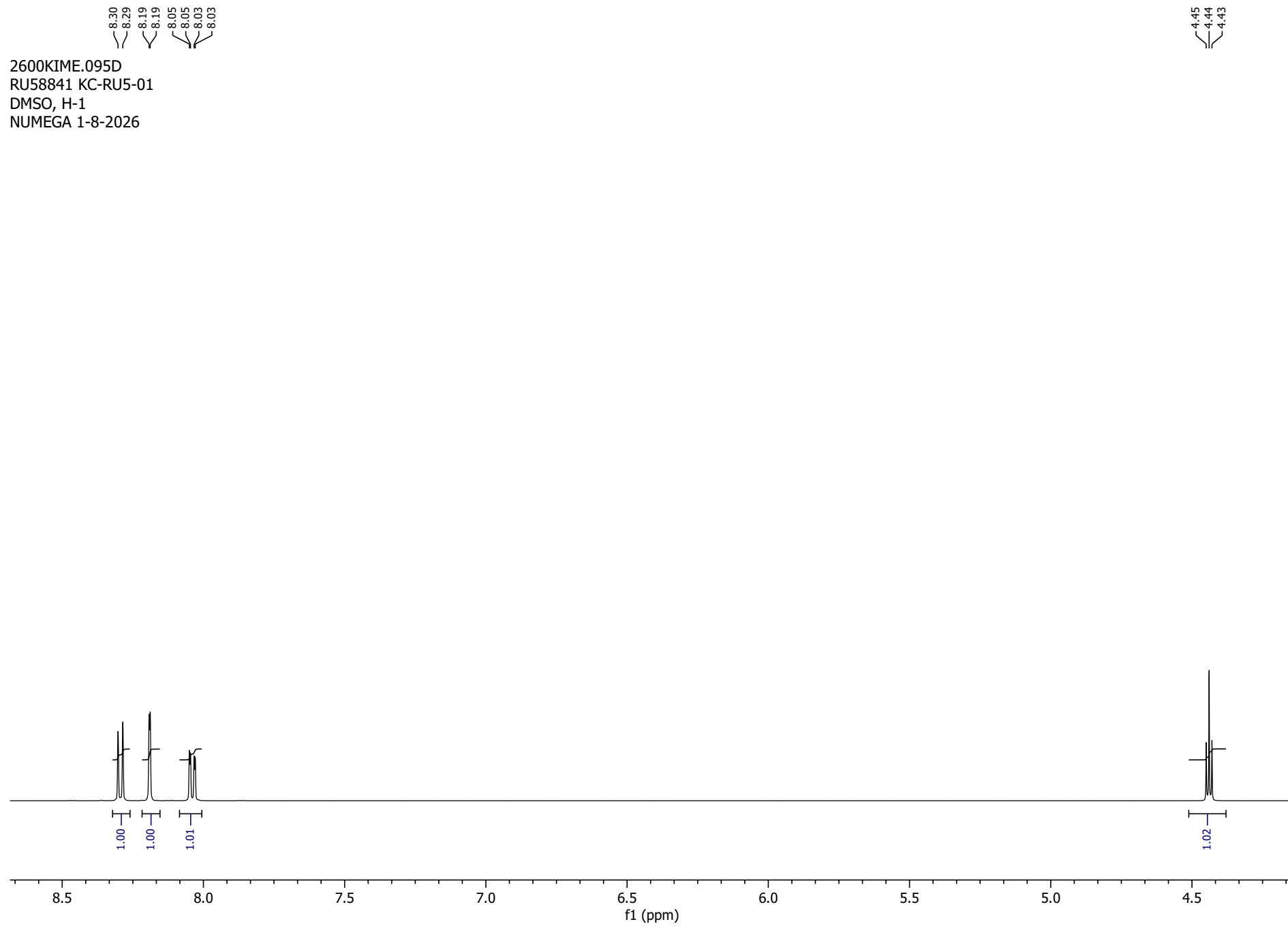
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RU58841 KC-RU5-01
DMSO, QH-1
NUMEGA 1-8-2026



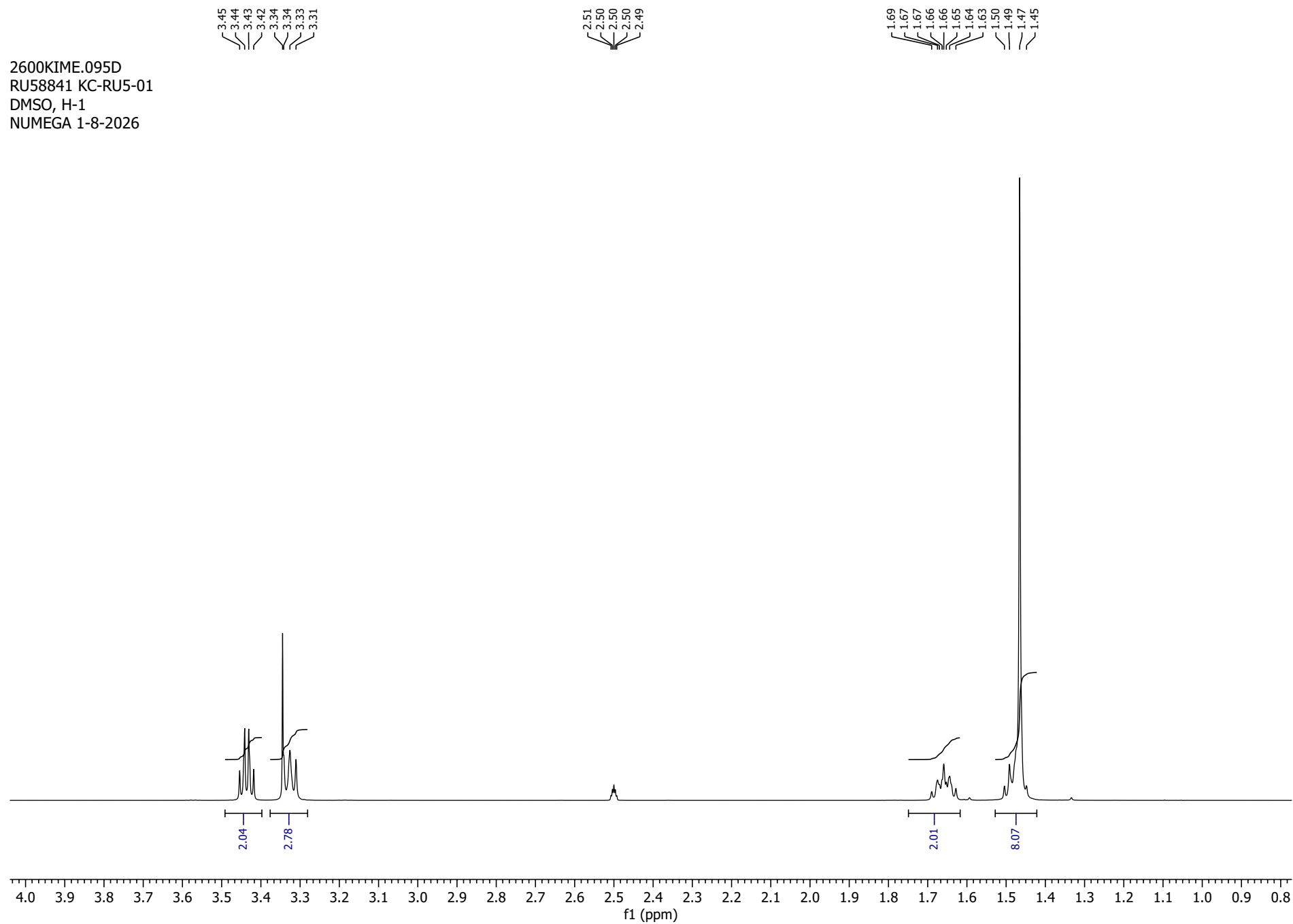
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RU58841 KC-RU5-01
DMSO, H-1
NUMEGA 1-8-2026



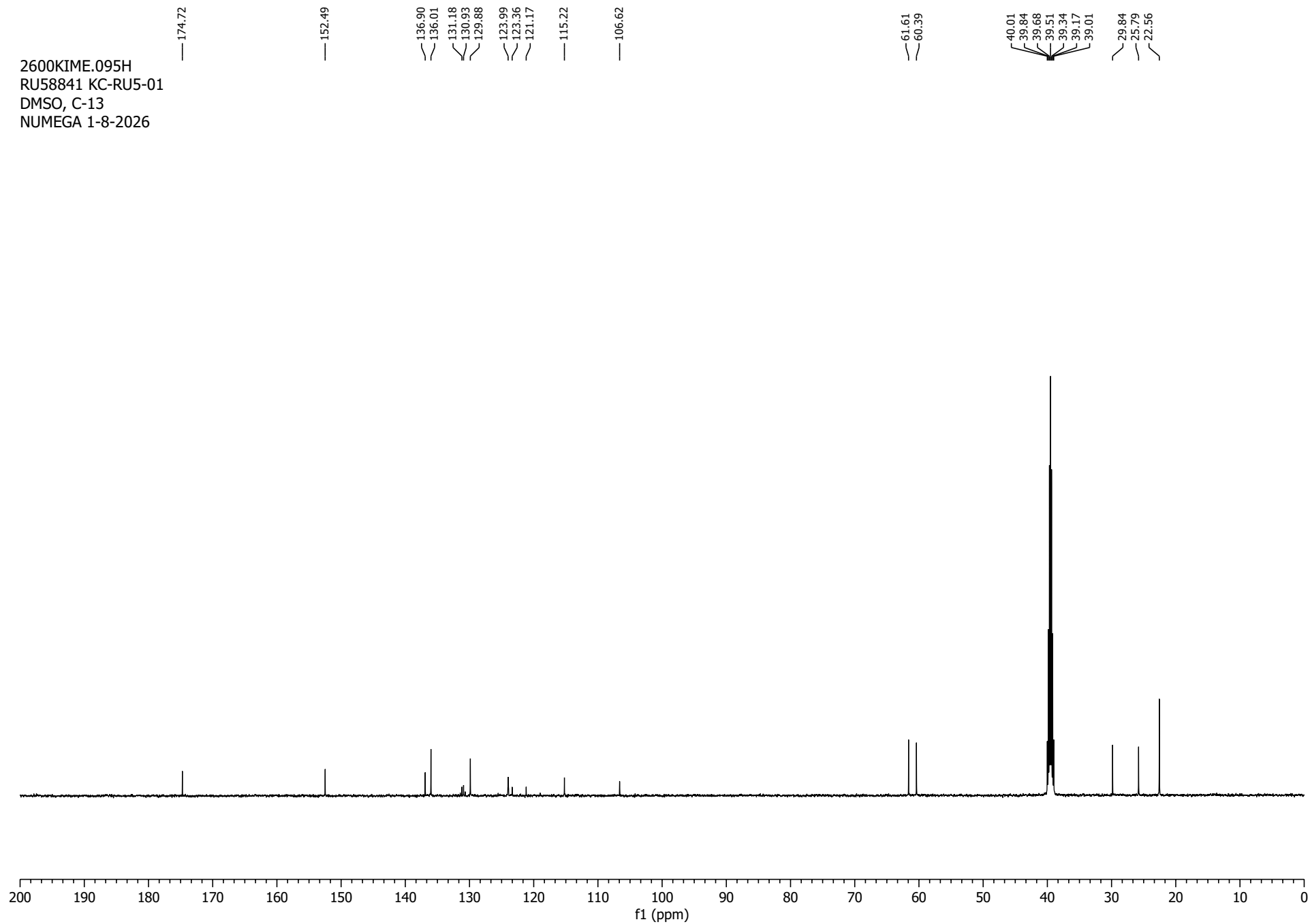
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RU58841 KC-RU5-01
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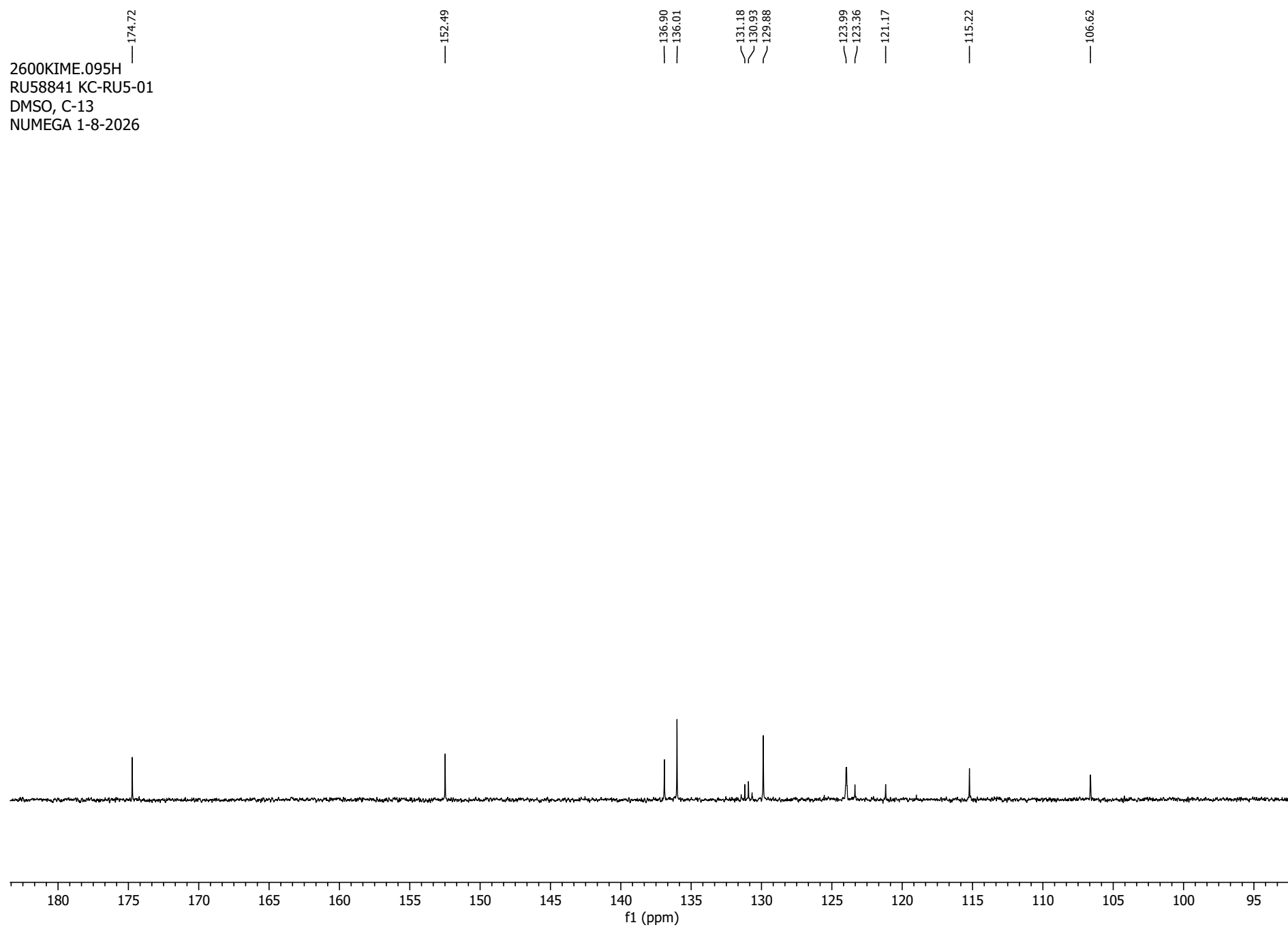
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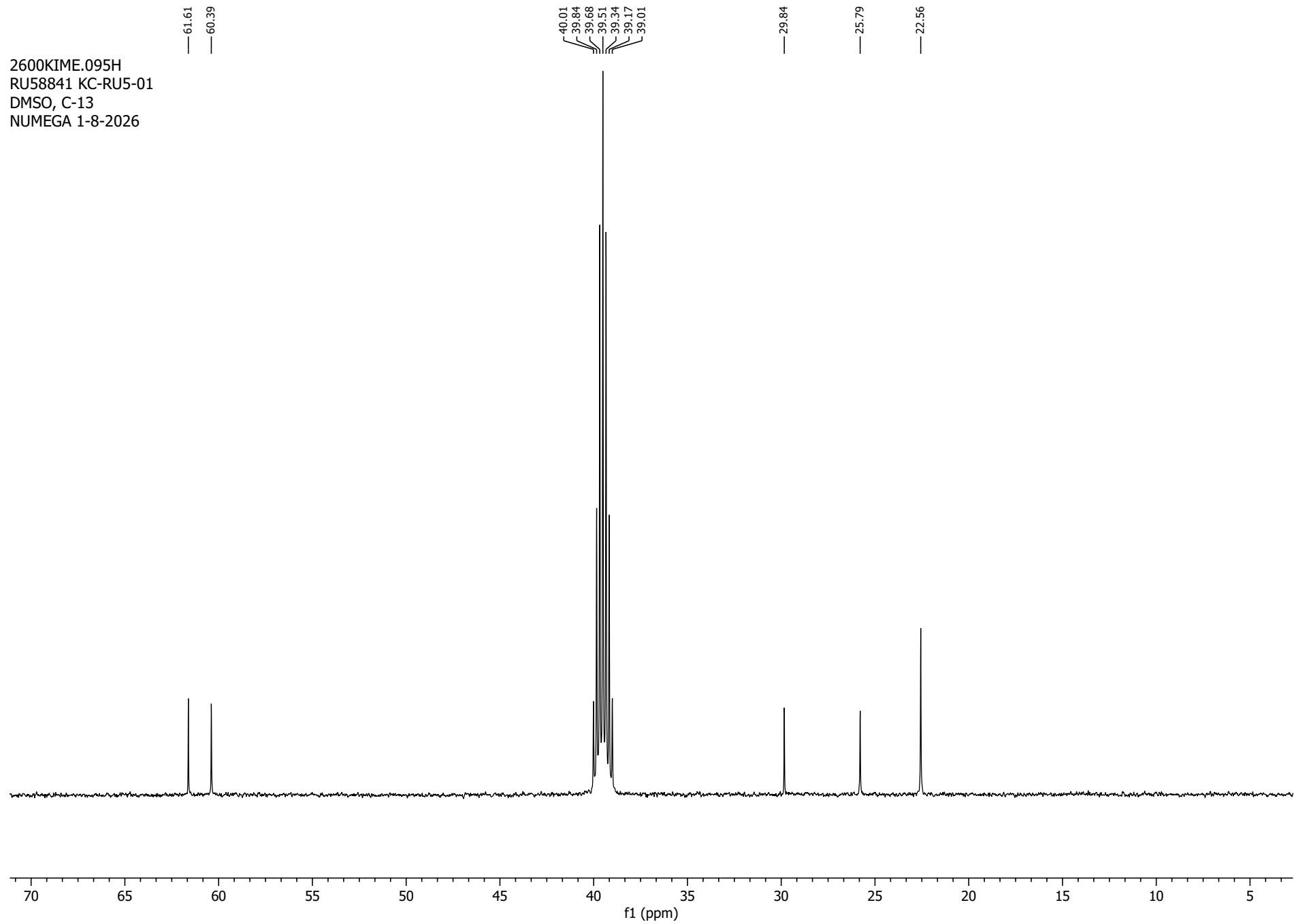
2600KIME.095H
RU58841 KC-RU5-01
DMSO, C-13
NUMEGA 1-8-2026



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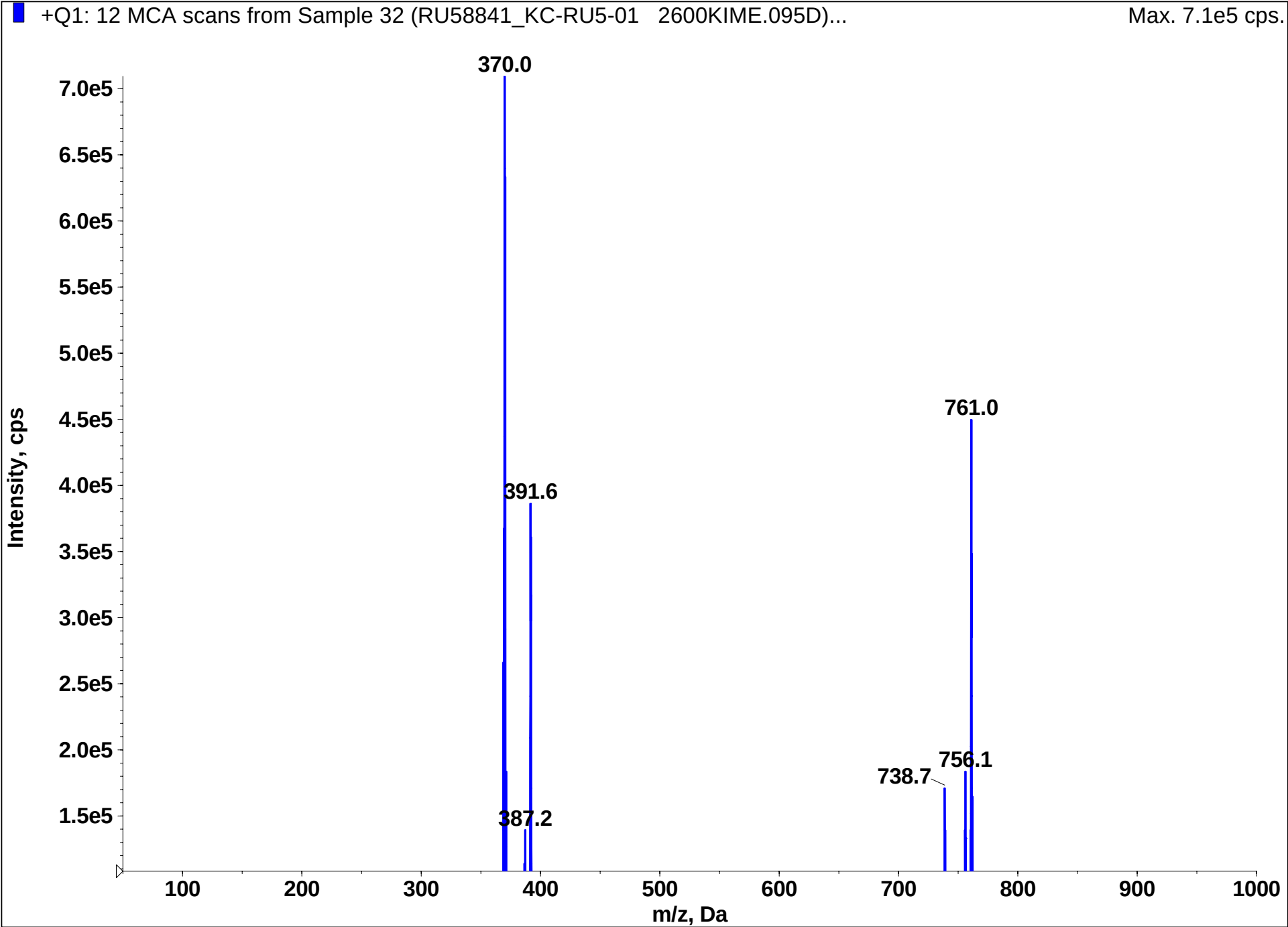


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DMSO, C-13
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NuMega Resonance Labs
Sample Name: RU58841_KC-RU5-01 2600KIME.095D
Acq. Date: Thursday, January 08,
2026

Polarity/Scan Type: Positive Q1 MS



NuMega Resonance Labs
Sample Name: RU58841_KC-RU5-01 2600KIME.095D
Acq. Date: Thursday, January 08,
2026

Polarity/Scan Type: Negative Q1 MS

