

August 20, 2026

Company: Kimera Chem

NuMega Reference #
 2604KIME.829E

Quantitative Analysis Report

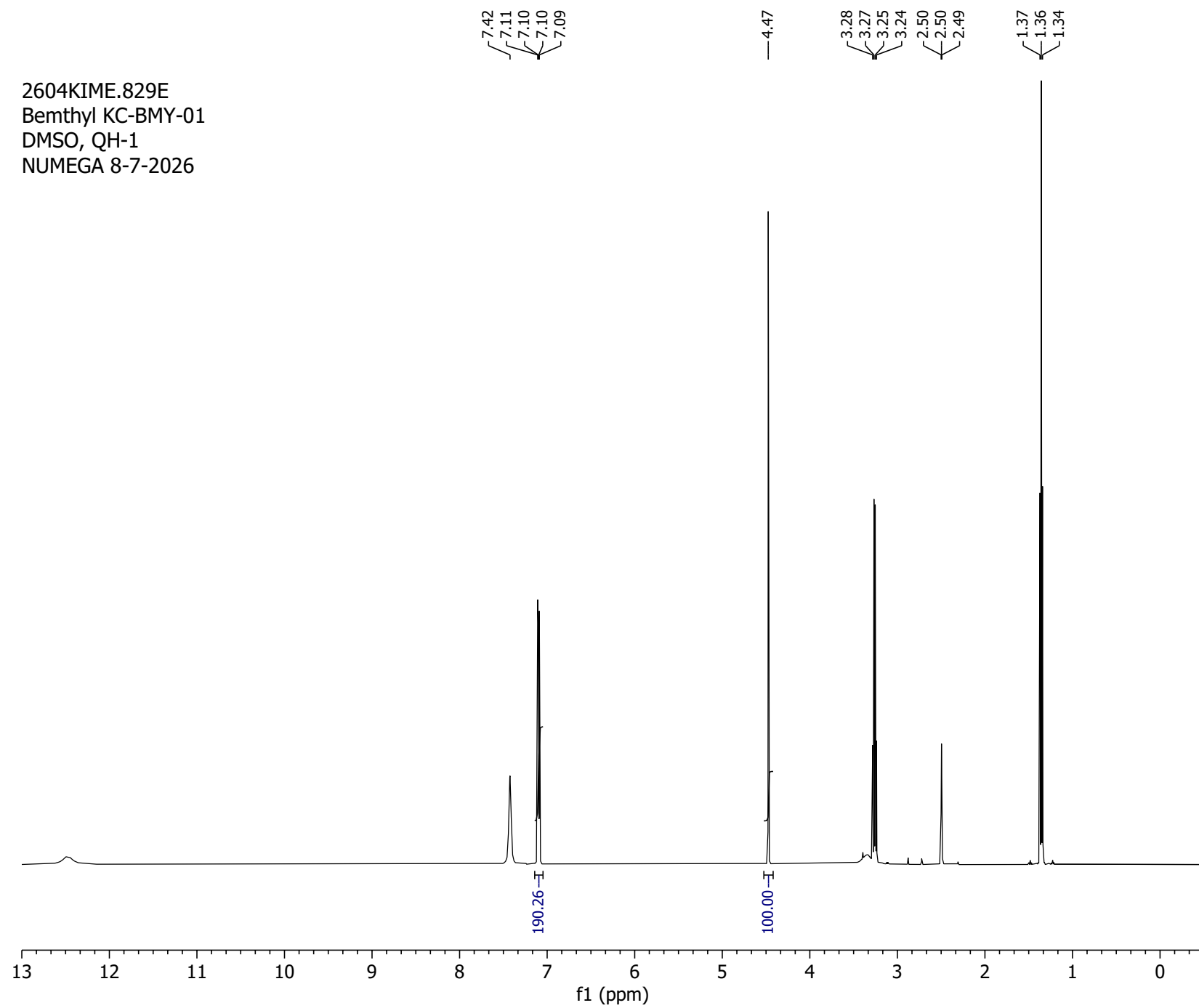
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Bemthyl KC-BMY-01
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	2.221
Weight of Sample (wt _{sa})	17.184
Assumed Sample Molecular Weight (MW _{sa})	178.26
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	189.81
Integration of Standard (I _{st})	100
# of Equivalent Nuclei in Standard (n _{st})	4
# of Equivalent Nuclei in Sample (n _{sa})	2
Assigned Purity of Standard % (P)	99.71
Purity %	99.0

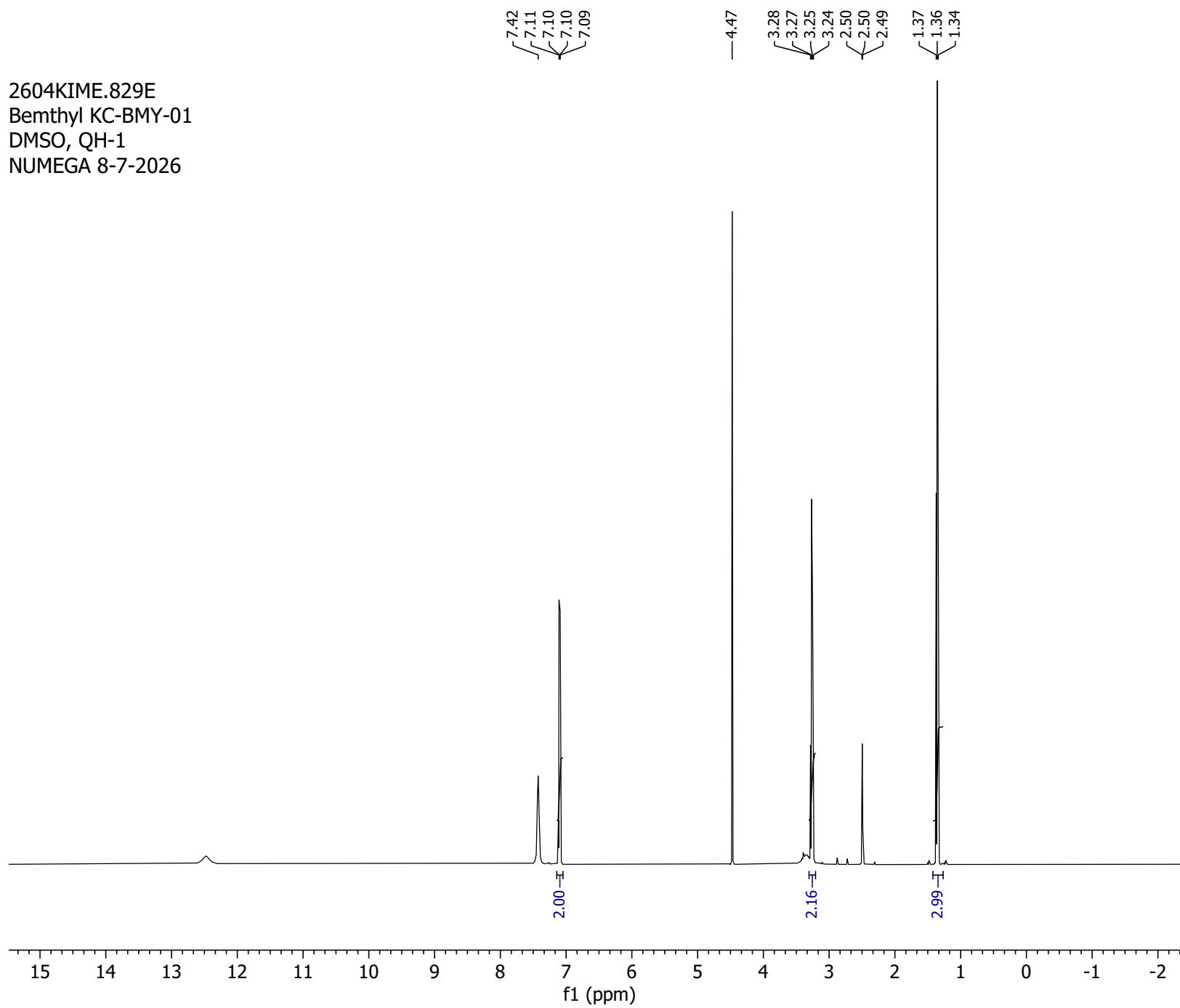
Formula Used for Calculation:

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

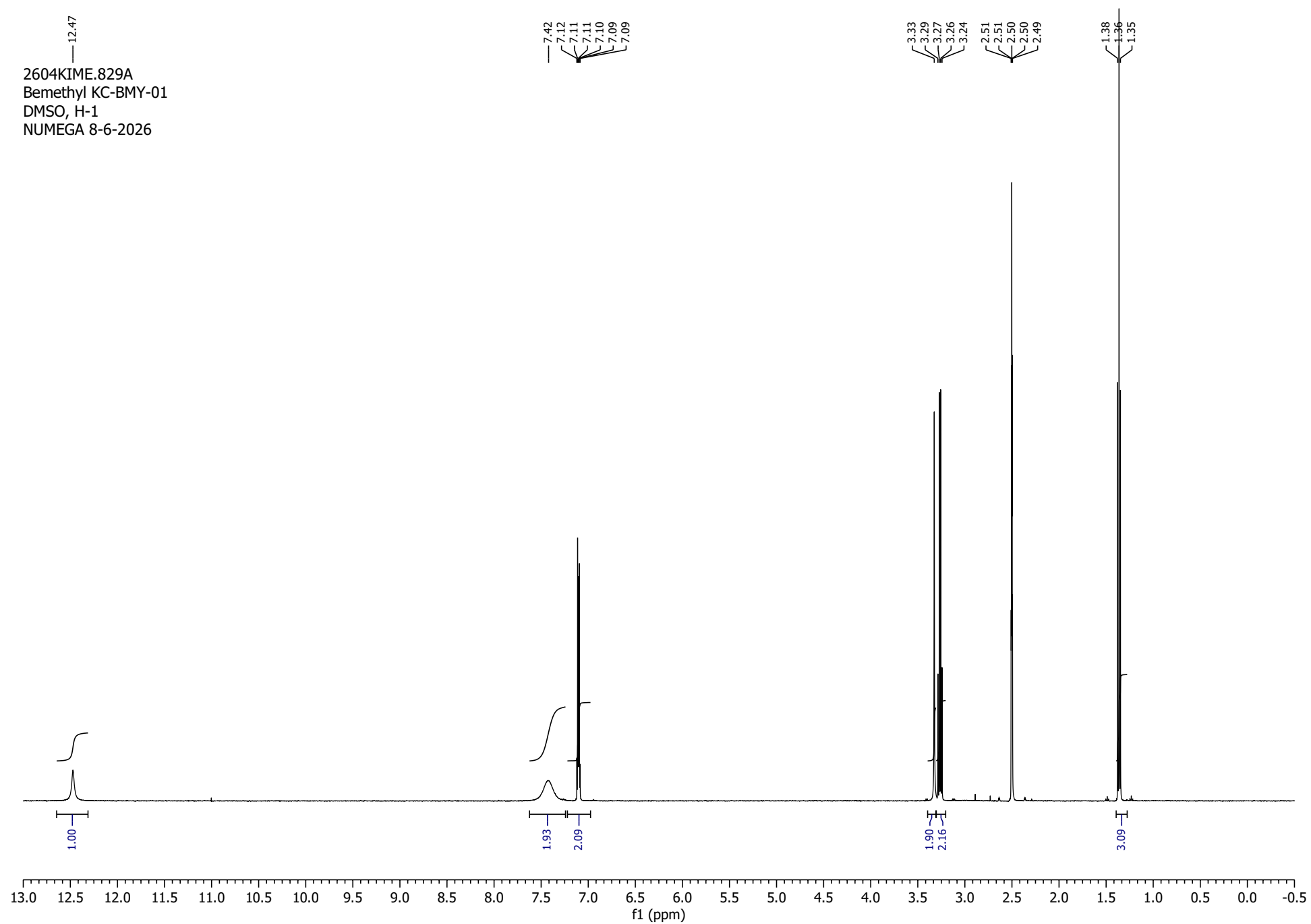
2604KIME.829E
Bemthyl KC-BMY-01
DMSO, QH-1
NUMEGA 8-7-2026



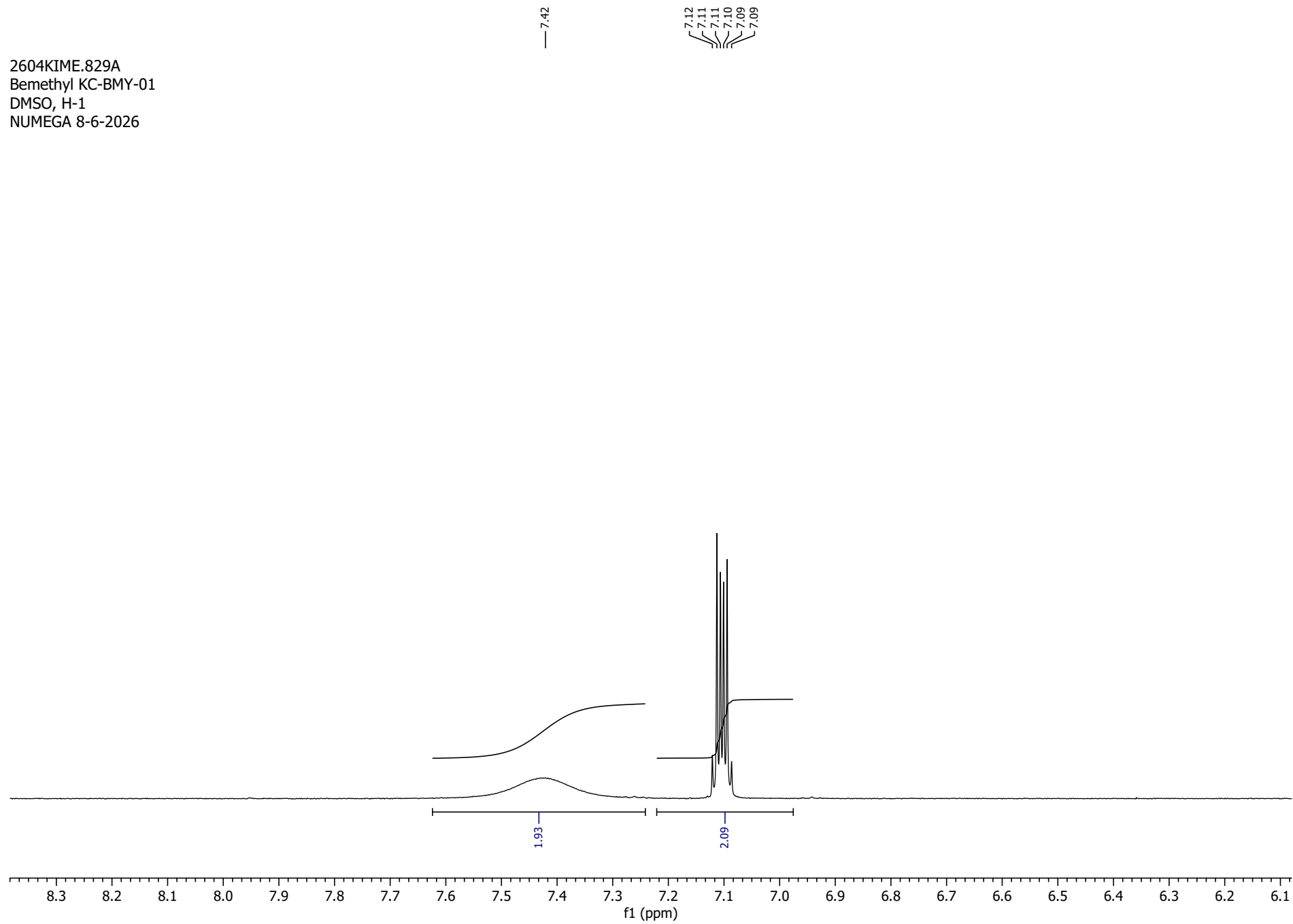
2604KIME.829E
Bemthyl KC-BMY-01
DMSO, QH-1
NUMEGA 8-7-2026



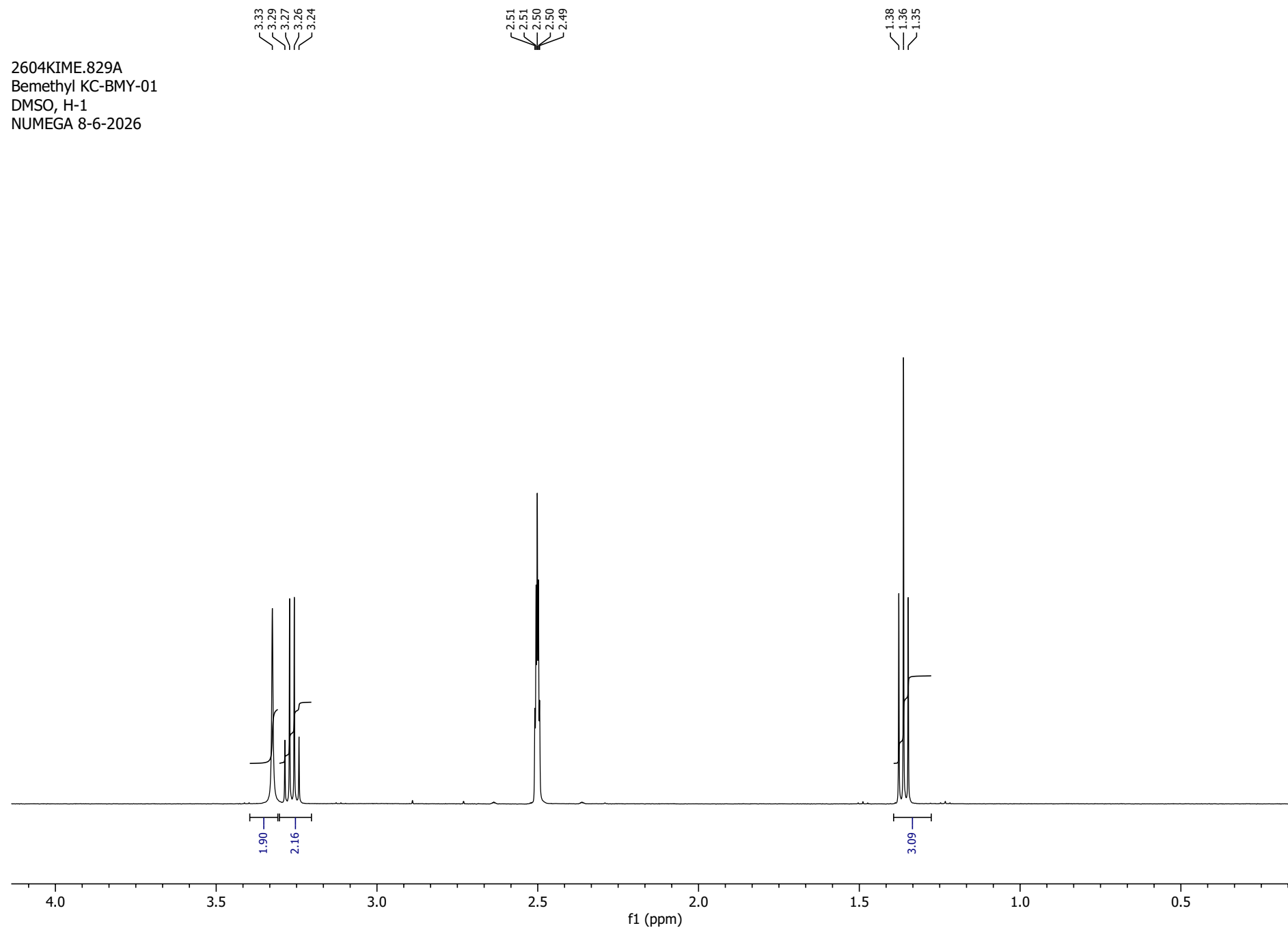
2604KIME.829A
Bemethyl KC-BMY-01
DMSO, H-1
NUMEGA 8-6-2026



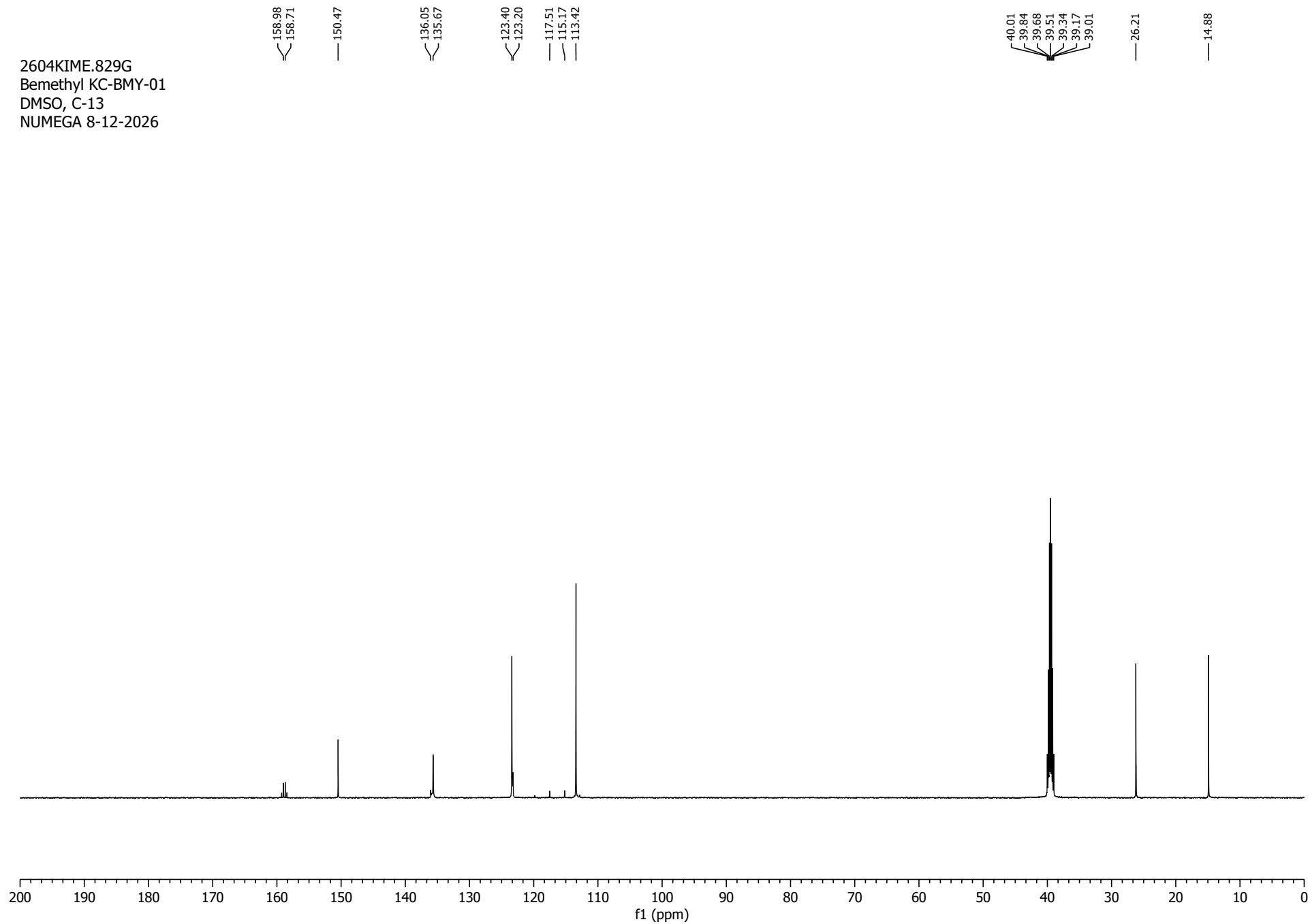
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Bemethyl KC-BMY-01
DMSO, H-1
NUMEGA 8-6-2026



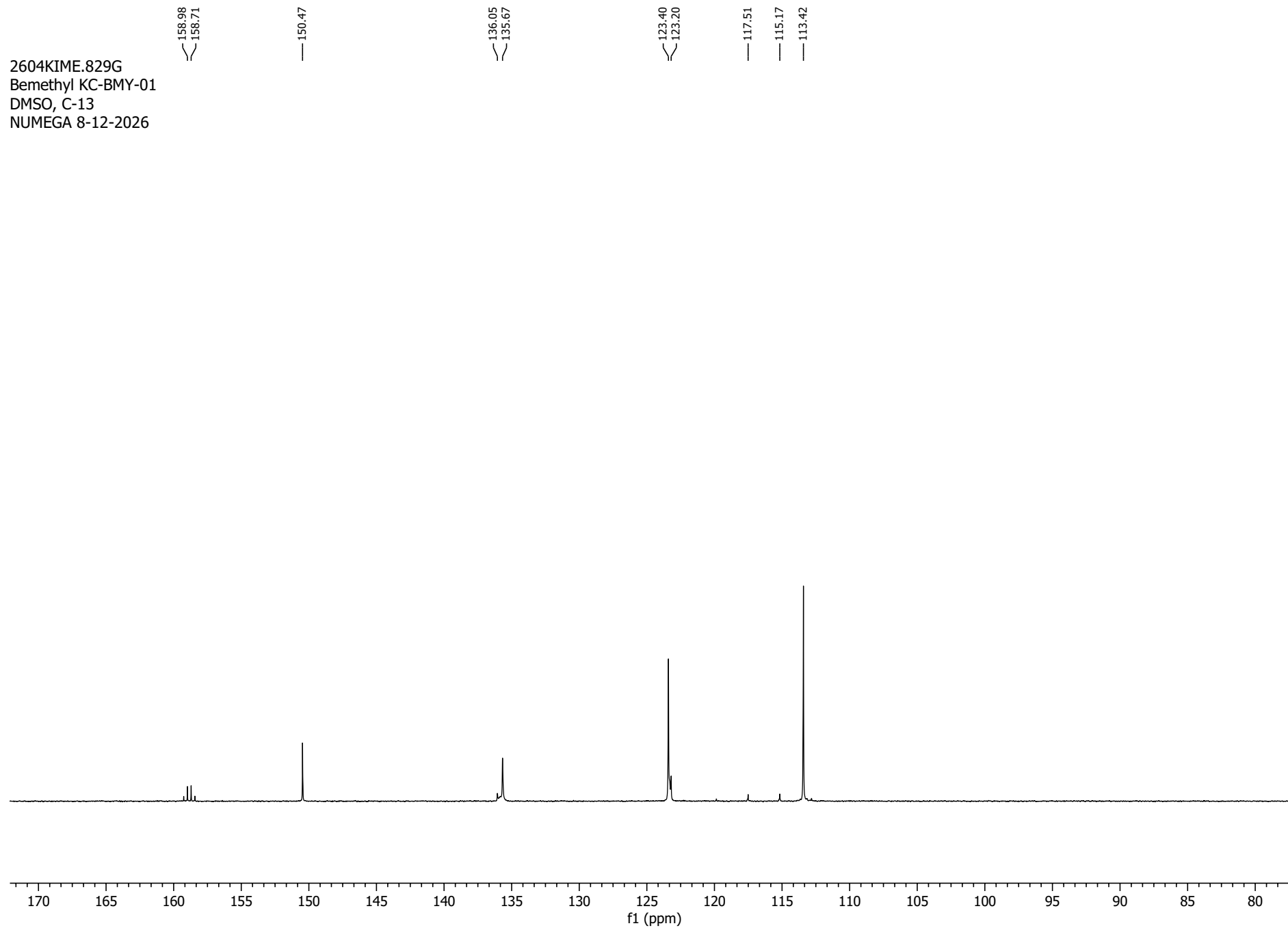
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Bemethyl KC-BMY-01
DMSO, H-1
NUMEGA 8-6-2026



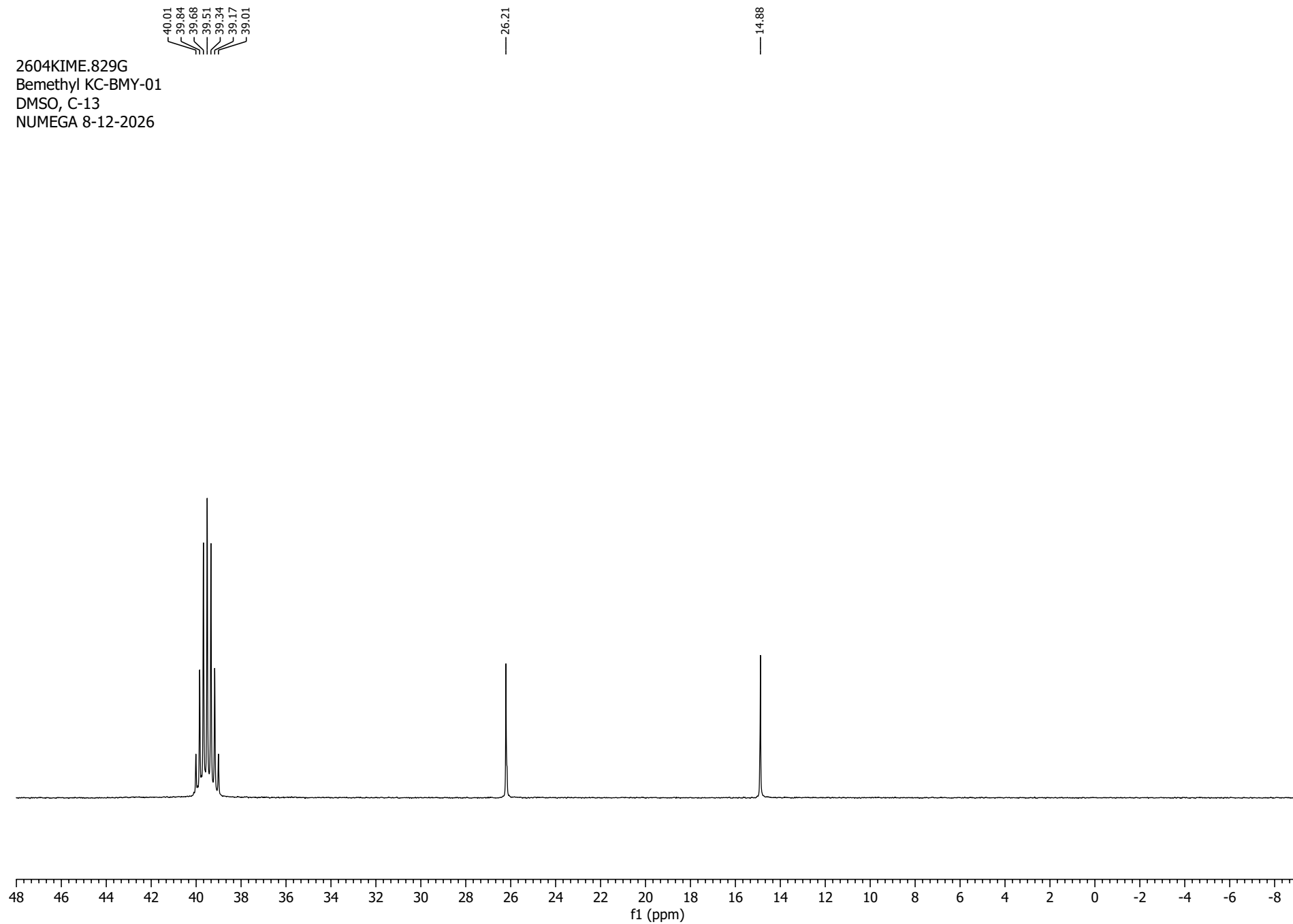
2604KIME.829G
Bemethyl KC-BMY-01
DMSO, C-13
NUMEGA 8-12-2026



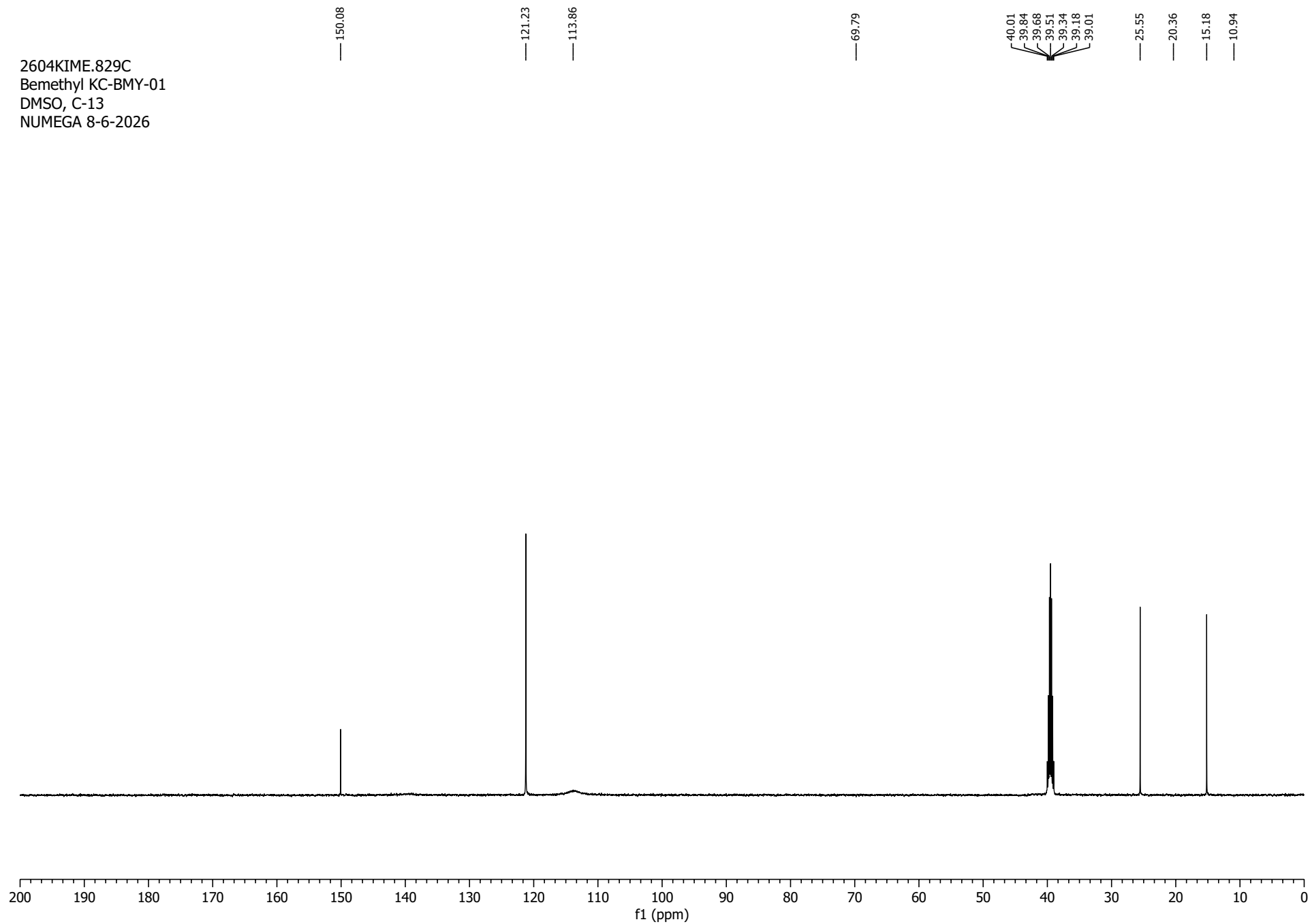
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Bemethyl KC-BMY-01
DMSO, C-13
NUMEGA 8-12-2026



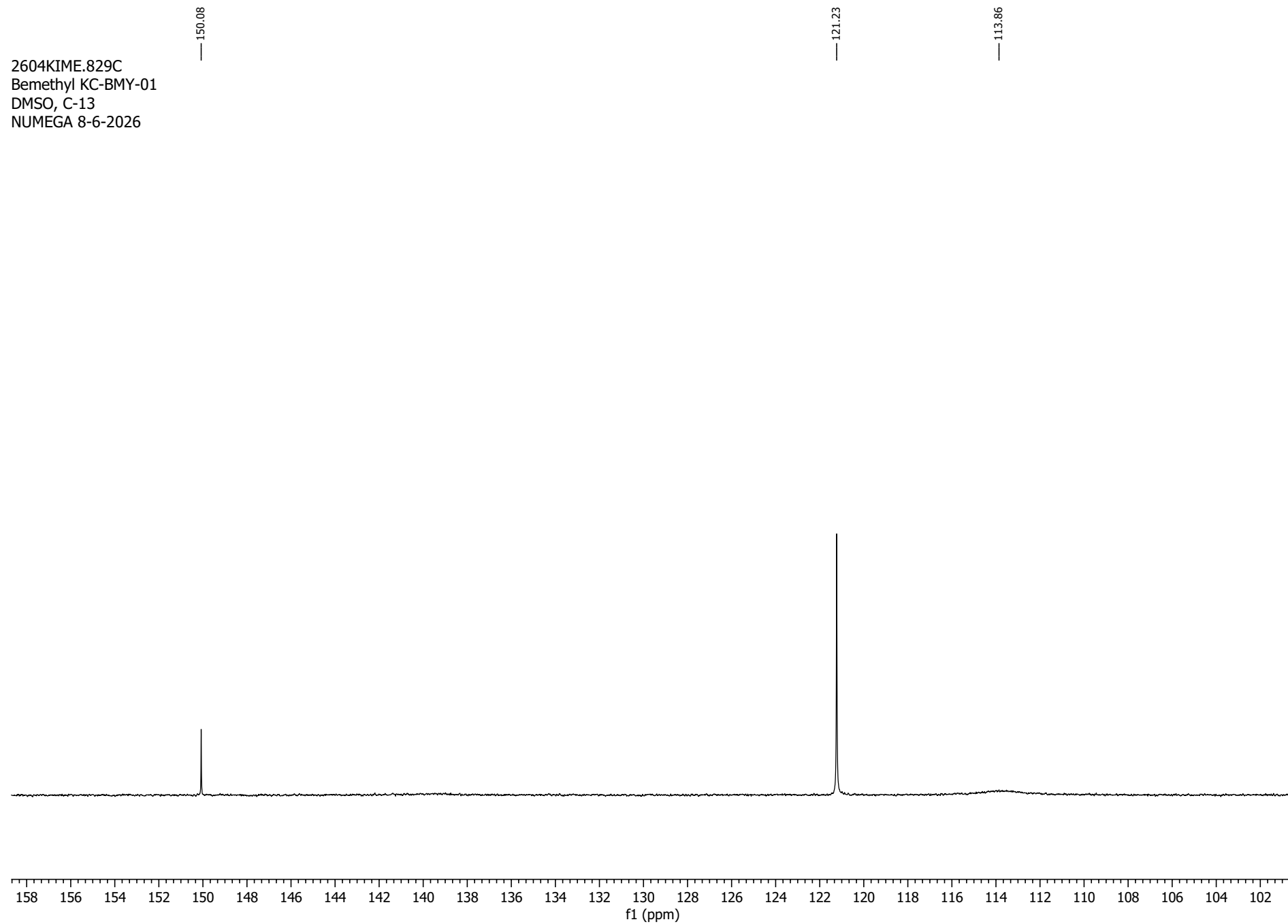
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Bemethyl KC-BMY-01
DMSO, C-13
NUMEGA 8-12-2026



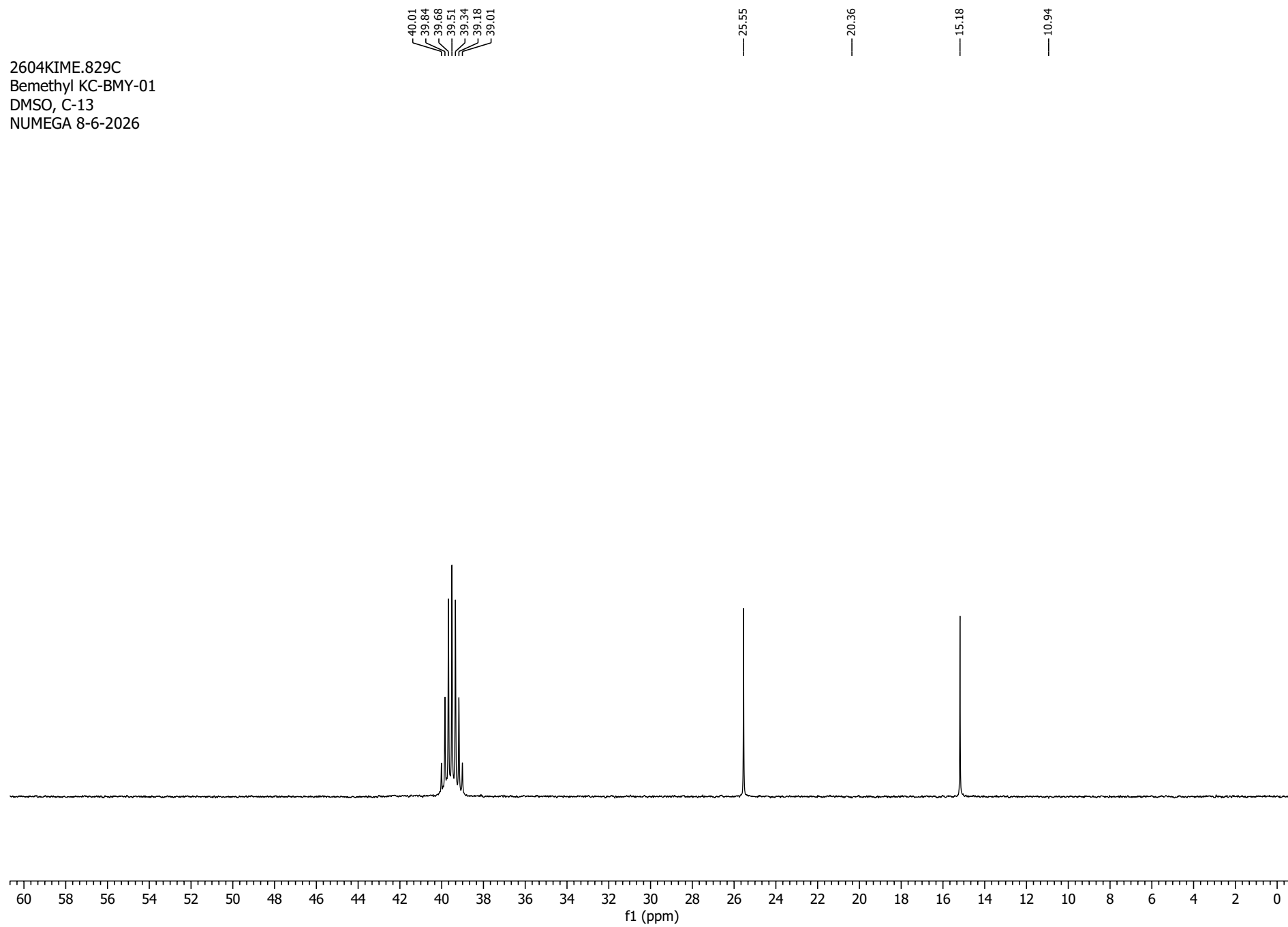
2604KIME.829C
Bemethyl KC-BMY-01
DMSO, C-13
NUMEGA 8-6-2026



2604KIME.829C
Bemethyl KC-BMY-01
DMSO, C-13
NUMEGA 8-6-2026

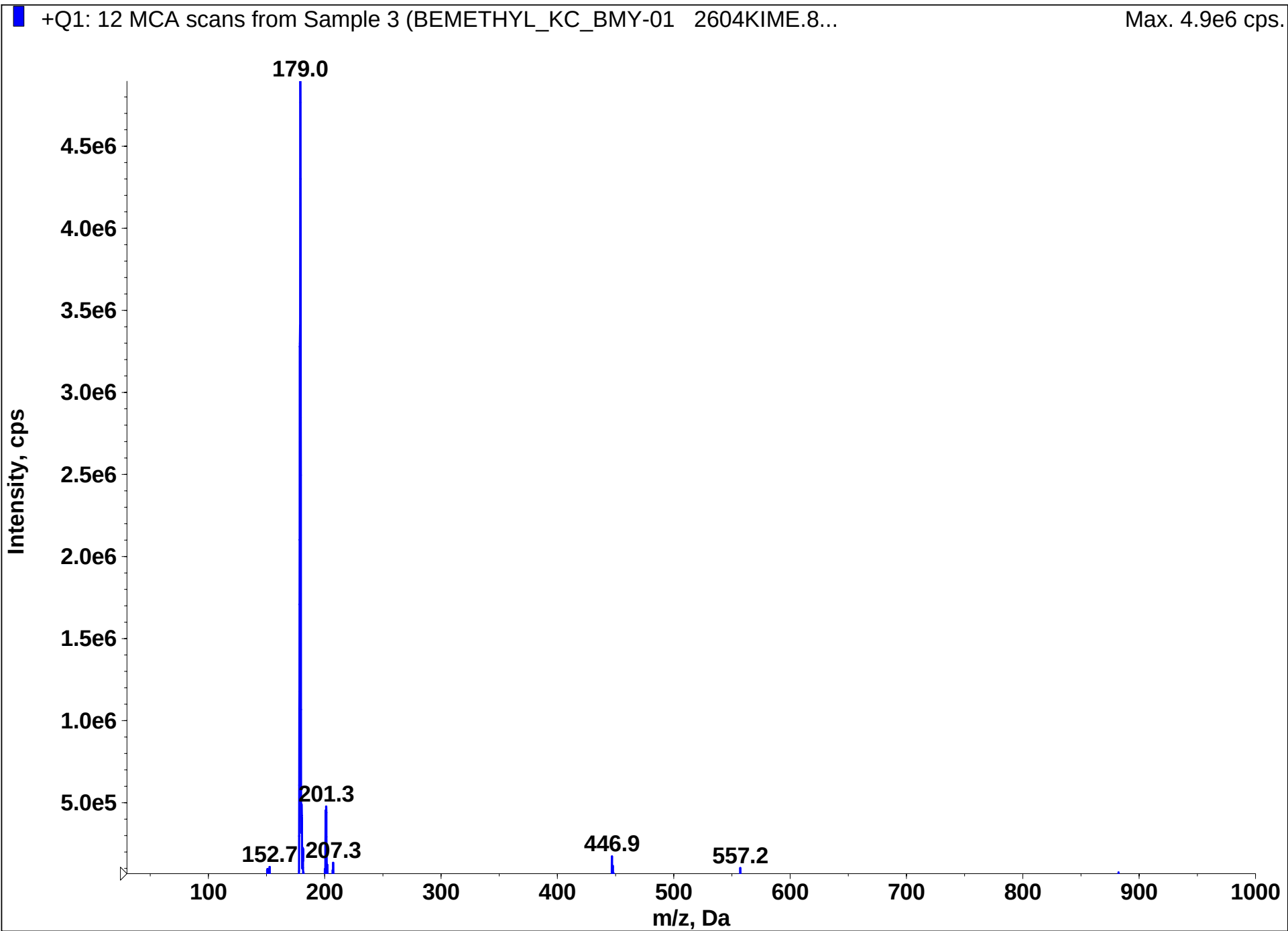


2604KIME.829C
Bemethyl KC-BMY-01
DMSO, C-13
NUMEGA 8-6-2026



NuMega Resonance Labs
Sample Name: BEMETHYL_KC_BMY-01 2604KIME.829A
Acq. Date: Thursday, August 06,
2026

Polarity/Scan Type: Positive Q1 MS



NuMega Resonance Labs
Sample Name: BEMETHYL_KC_BMY-01 2604KIME.829A
Acq. Date: Thursday, August 06,
2026

Polarity/Scan Type: Negative Q1 MS

