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December 22, 2025

NuMega Reference #

2509KIME.717B

Kimera Chems

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Quantitative Analysis Report

Bruker 500 MHz, AVII-500 and AV-500

Sample ID	5-amino-1MQ Chloride KC-5AQ-04
Standard	Dimethyl sulfone
Weight of Standard (wt _{st})	1.481
Weight of Sample (wt _{sa})	11.650
Assumed Sample Molecular Weight (MW _{sa})	159.21
Standard Molecular Weight (MW _{st})	94.13
Integration of Sample (I _{sa})	154.96
Integration of Standard (I _{st})	100
# of Equivalent Nuclei in Standard (n _{st})	6
# of Equivalent Nuclei in Sample (n _{sa})	2
Assigned Purity of Standard % (P)	99.82
Purity %	99.8%

Formula Used for Calculation:

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

9.45
9.44
9.32
9.31

7.88
7.87
7.85
7.84
7.84
7.82
7.34
7.32
7.27
7.04
7.03

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5-amino-1MQ Chloride KC-5AQ-04
DMSO, QH-1
NUMEGA 12-19-2025

4.42

3.36

3.00

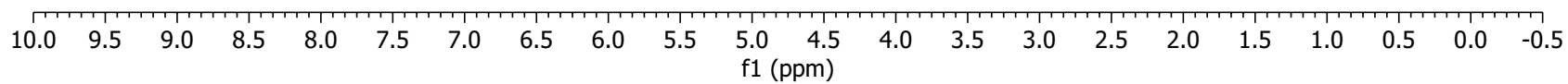
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2.51

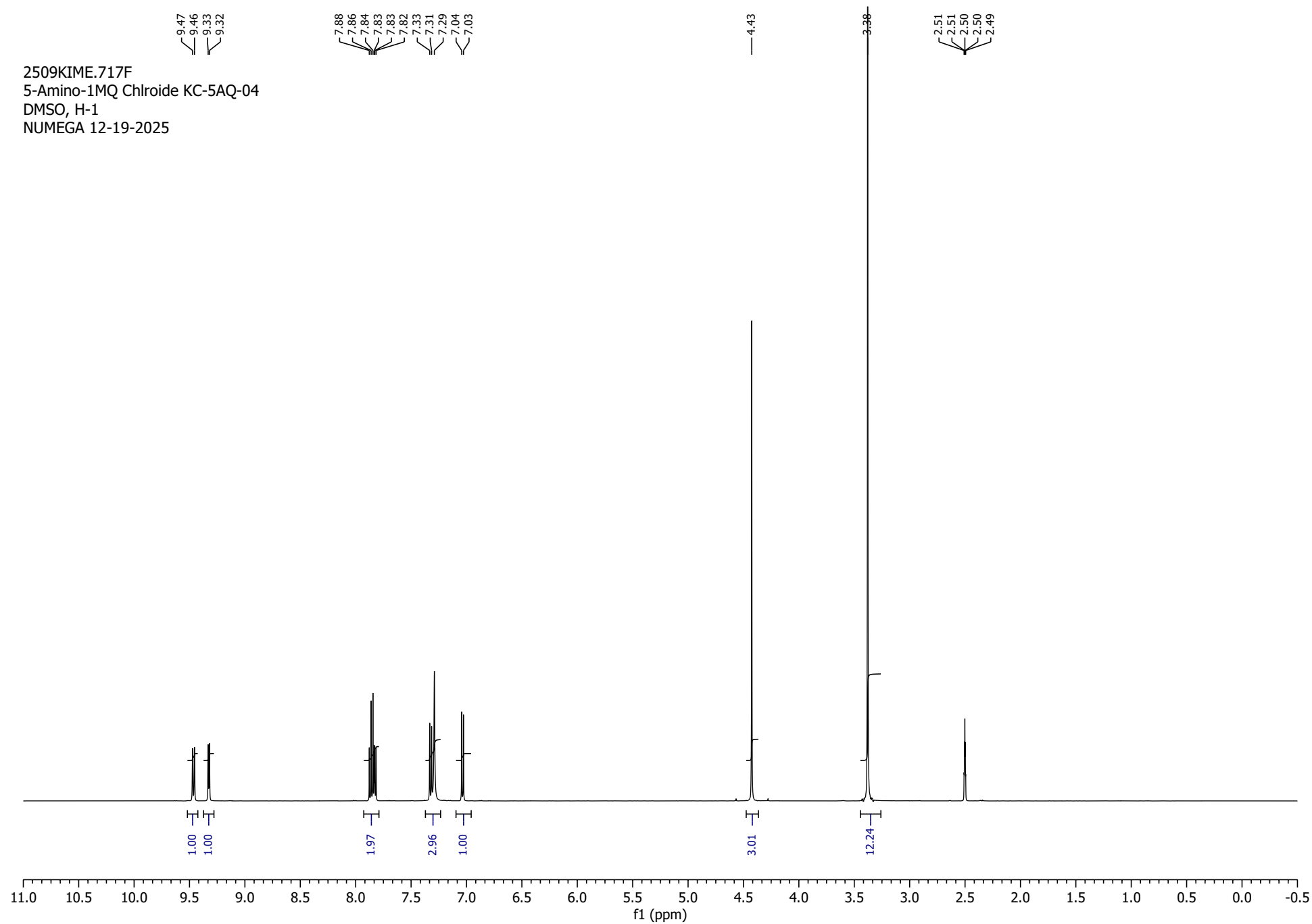
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2.50

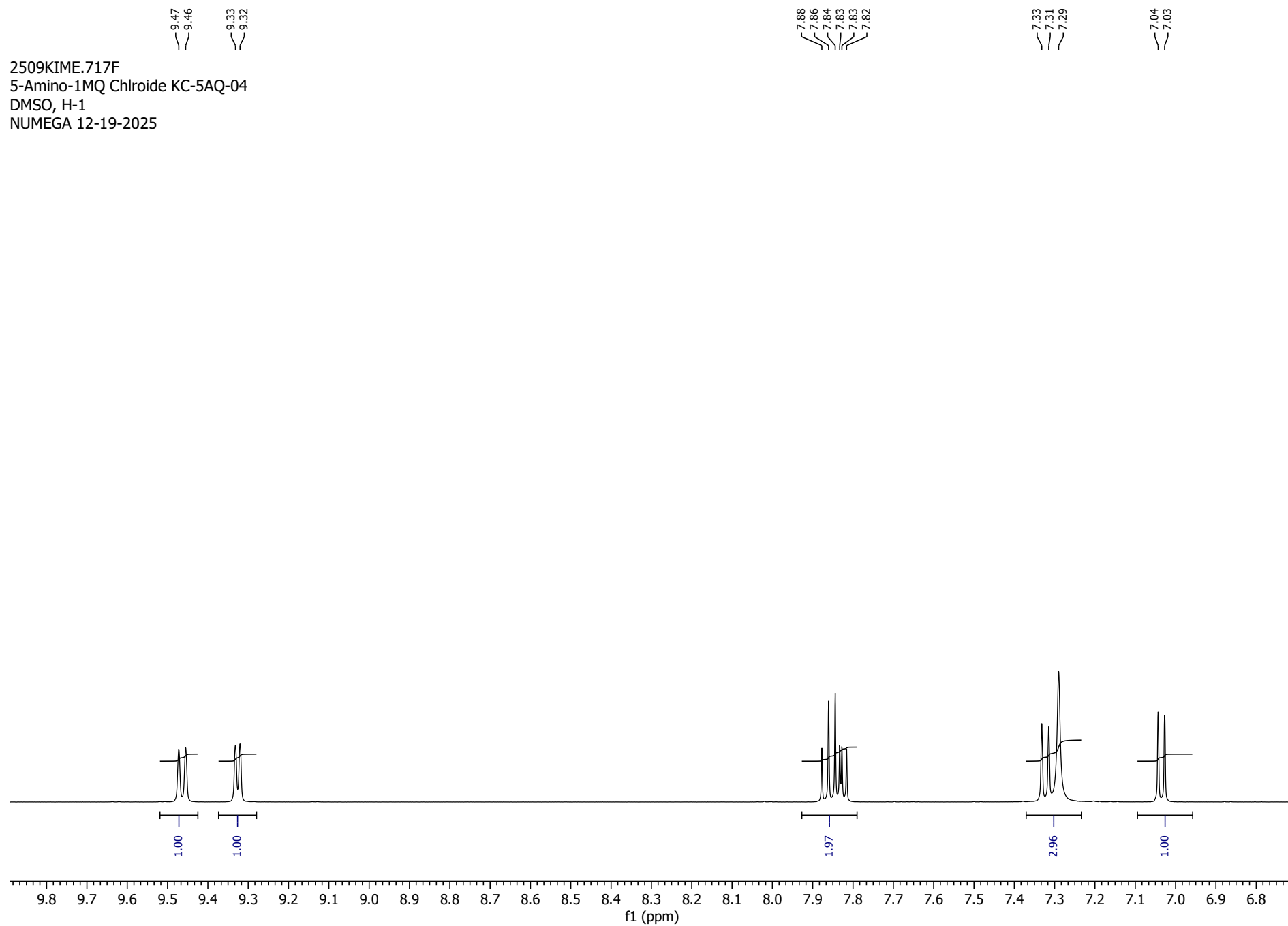
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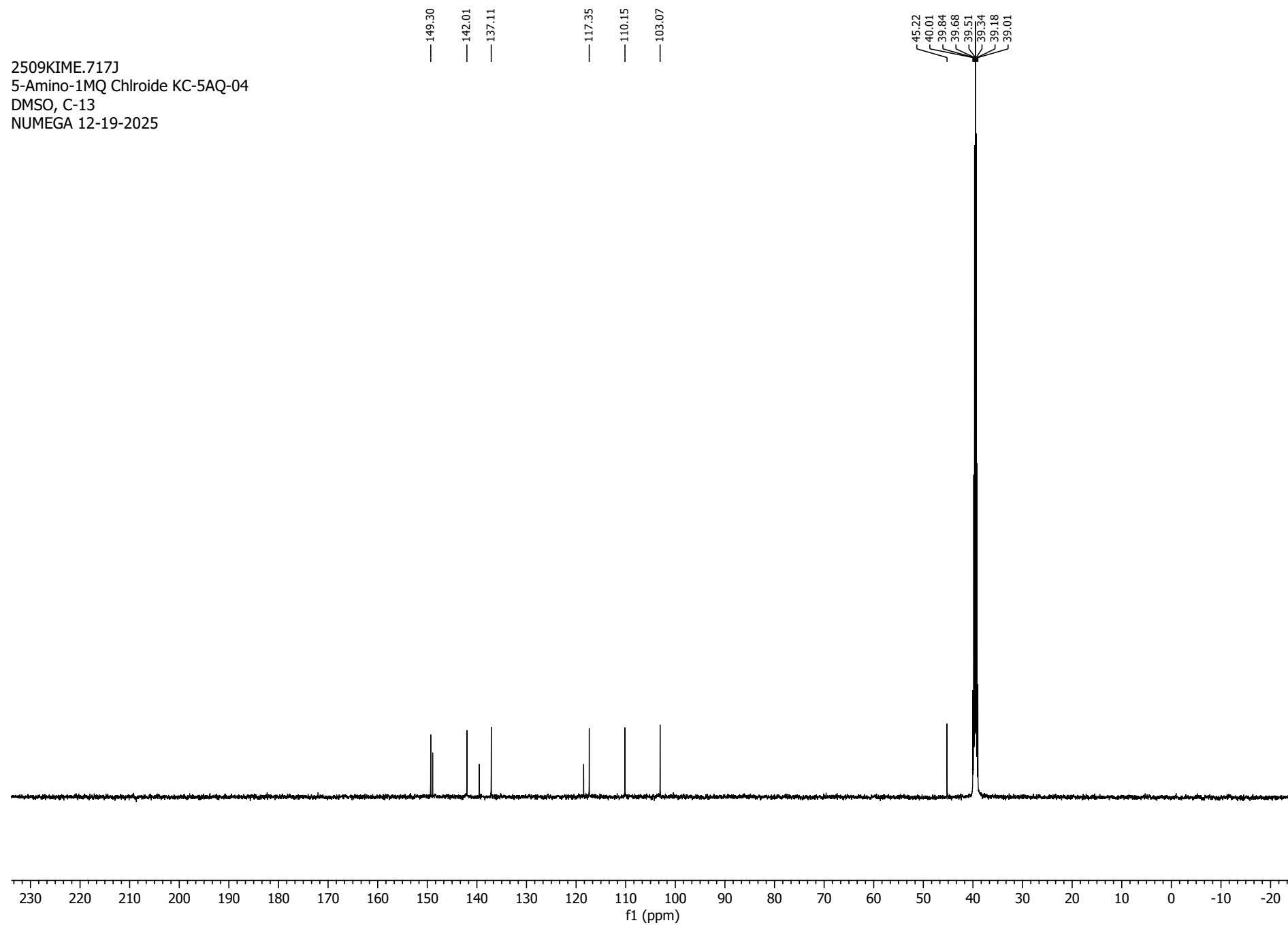
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5-Amino-1MQ Chloride KC-5AQ-04
DMSO, H-1
NUMEGA 12-19-2025



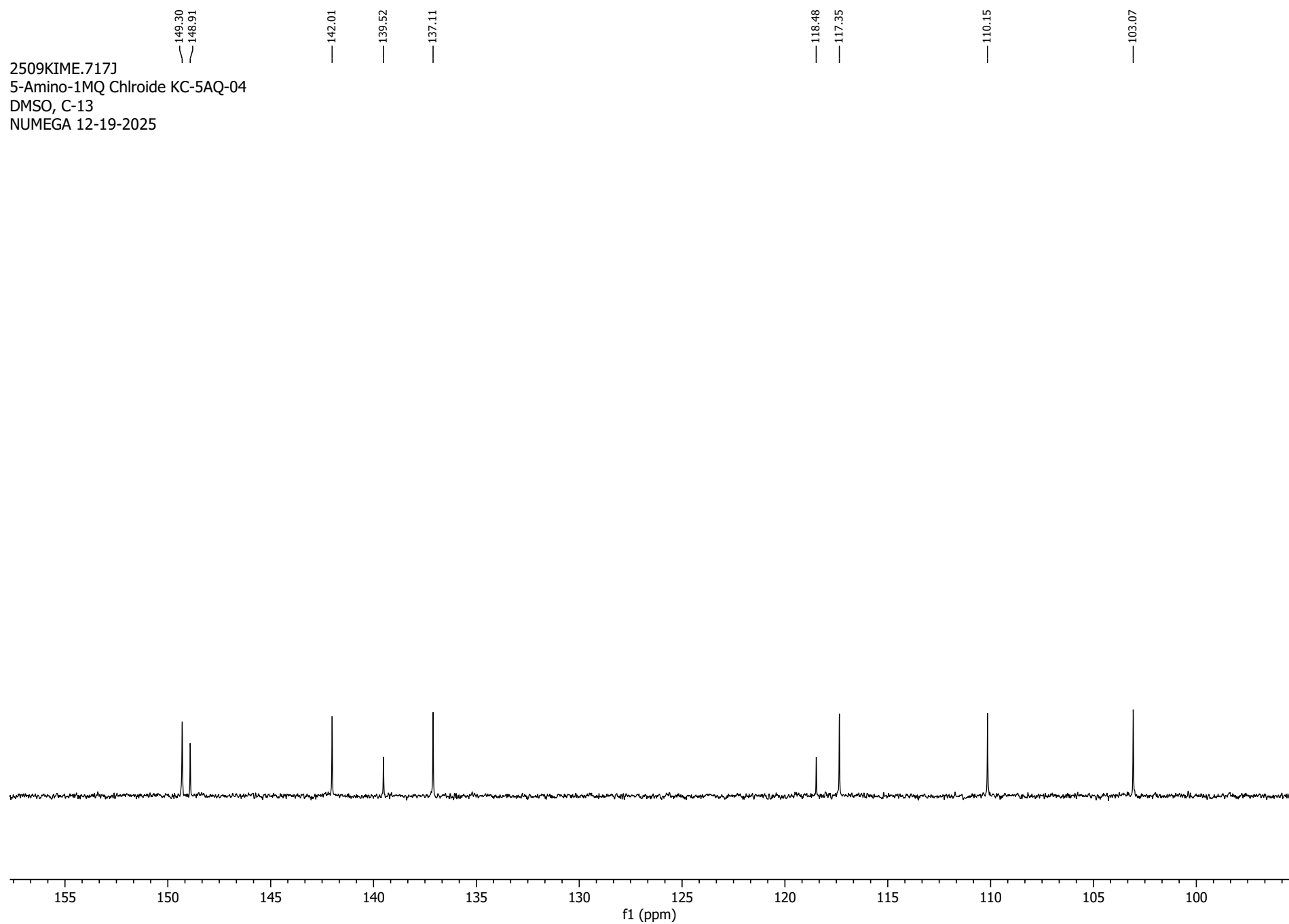
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5-Amino-1MQ Chloride KC-5AQ-04
DMSO, H-1
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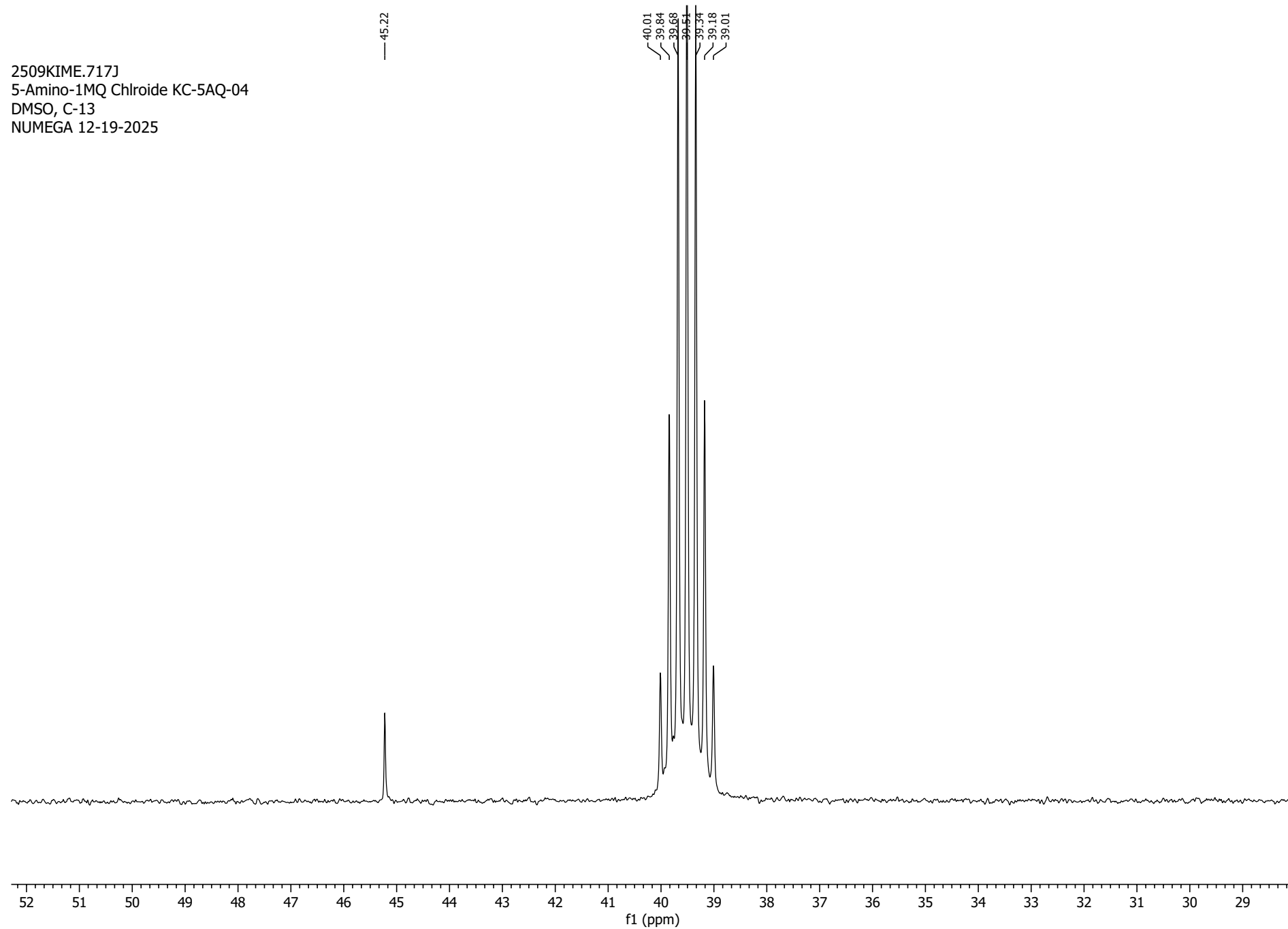
2509KIME.717J
5-Amino-1MQ Chloride KC-5AQ-04
DMSO, C-13
NUMEGA 12-19-2025



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5-Amino-1MQ Chloride KC-5AQ-04
DMSO, C-13
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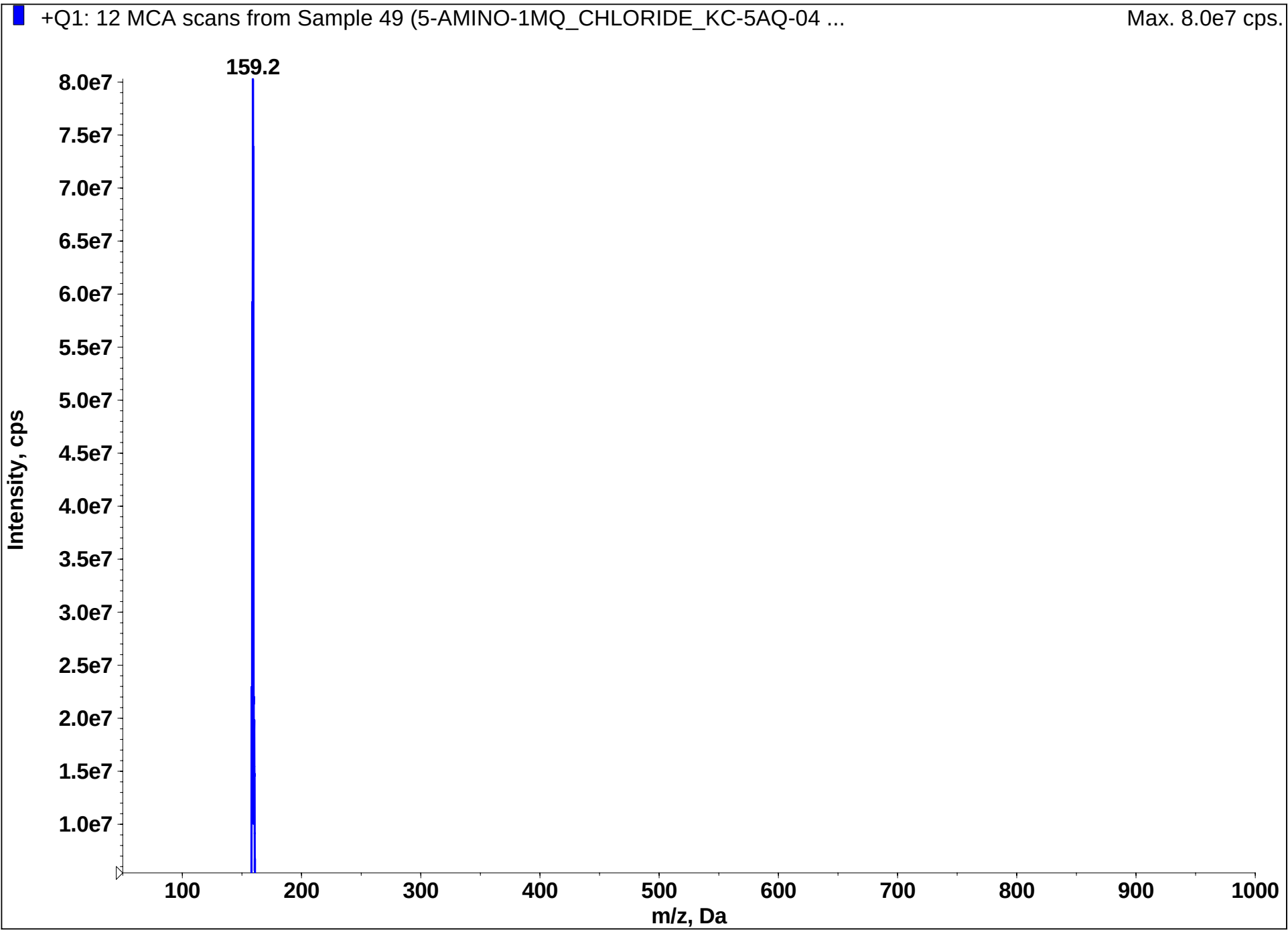


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5-Amino-1MQ Chloride KC-5AQ-04
DMSO, C-13
NUMEGA 12-19-2025



NuMega Resonance Labs
Sample Name: 5-AMINO-1MQ_CHLORIDE_KC-5AQ-04 2509KIME.717B
Acq. Date: Friday, December 19,
2025

Polarity/Scan Type: Positive Q1 MS



NuMega Resonance Labs
Sample Name: 5-AMINO-1MQ_CHLORIDE_KC-5AQ-04 2509KIME.717B
Acq. Date: Friday, December 19,
2025

Polarity/Scan Type: Negative Q1 MS

