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December 22, 2025

NuMega Reference #

2509KIME.717D

Kimera Chems

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Quantitative Analysis Report

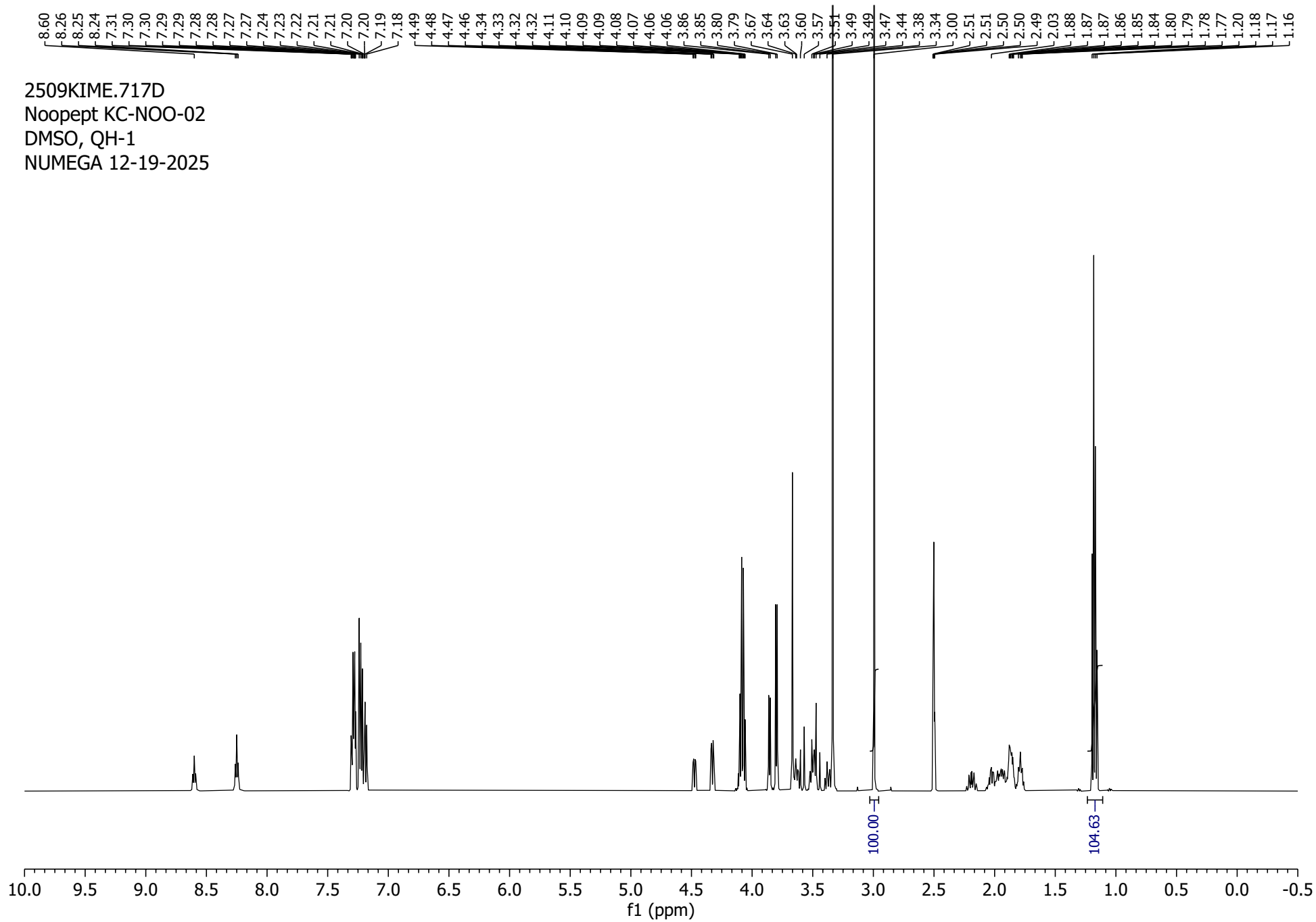
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Noopept KC-NOO-02
Standard	Dimethyl sulfone
Weight of Standard (wt _{st})	1.634
Weight of Sample (wt _{sa})	11.574
Assumed Sample Molecular Weight (MW _{sa})	318.40
Standard Molecular Weight (MW _{st})	94.13
Integration of Sample (I _{sa})	104.63
Integration of Standard (I _{st})	100
# of Equivalent Nuclei in Standard (n _{st})	6
# of Equivalent Nuclei in Sample (n _{sa})	3
Assigned Purity of Standard % (P)	99.82
Purity %	99.8%

Formula Used for Calculation:

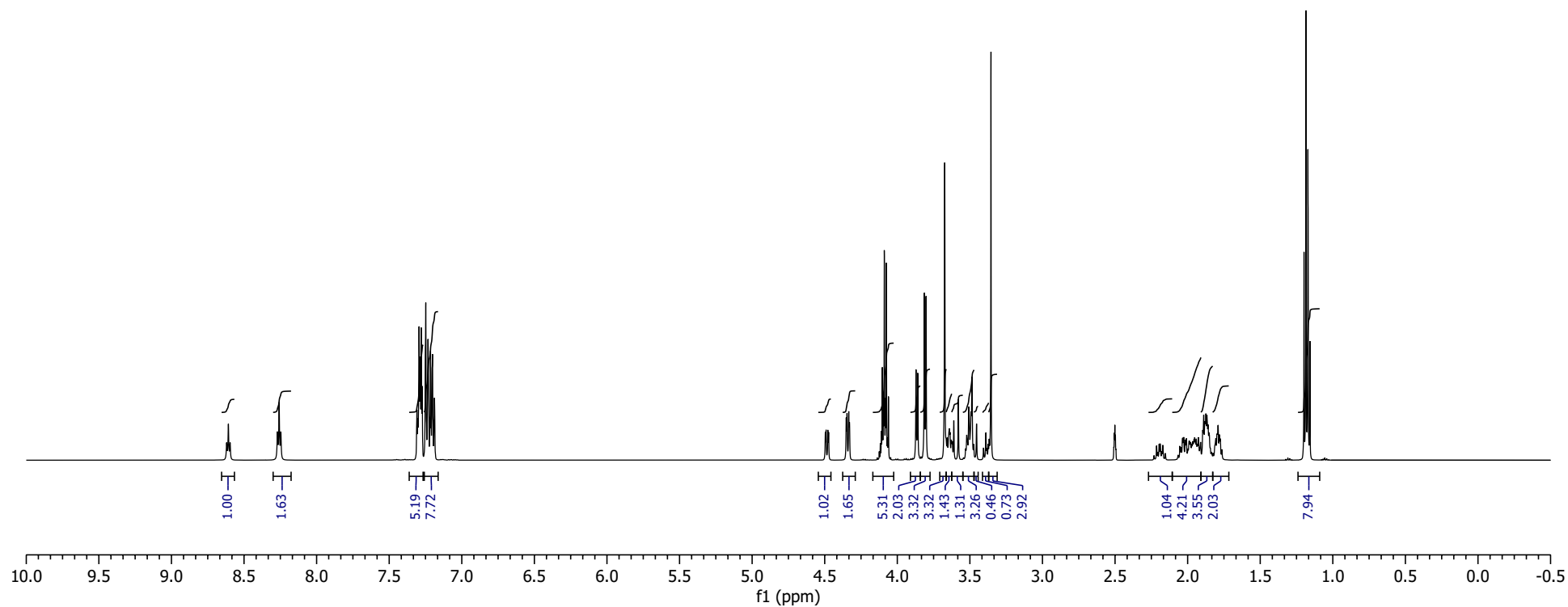
$$WT\% = \frac{wt_{st}}{wt_{sa}} \times \frac{MW_{sa}}{MW_{st}} \times \frac{I_{sa}}{I_{st}} \times \frac{n_{st}}{n_{sa}} \times P$$

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Noopept KC-NOO-02
DMSO, QH-1
NUMEGA 12-19-2025

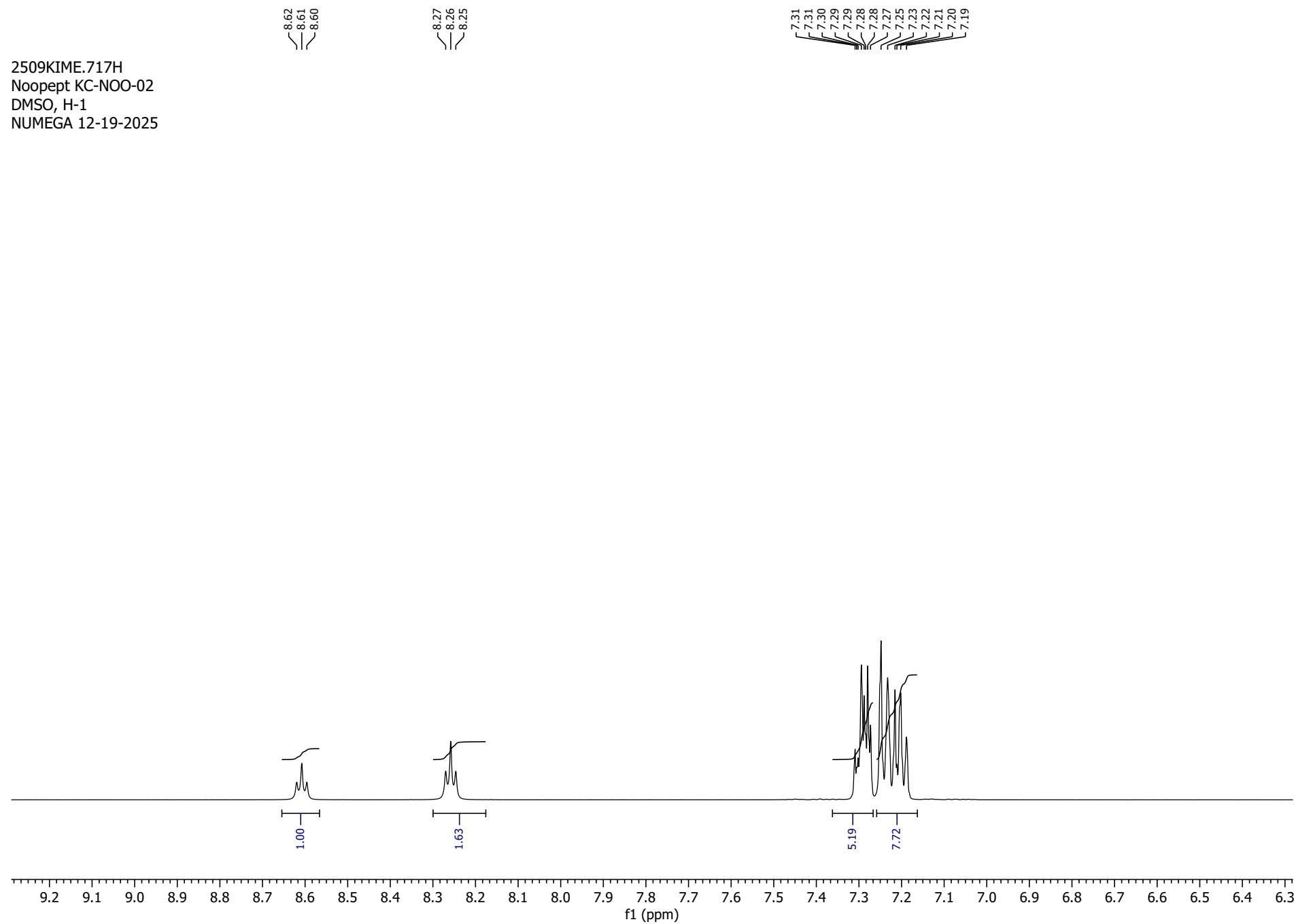


8.62
8.61
8.60
8.27
8.26
8.25
7.31
7.30
7.29
7.29
7.28
7.27
7.25
7.23
7.22
7.21
7.20
7.19
4.50
4.49
4.48
4.47
4.35
4.35
4.33
4.33
4.12
4.11
4.10
4.10
4.09
4.08
4.08
4.07
4.06
3.87
3.86
3.81
3.80
3.67
3.66
3.64
3.64
3.63
3.62
3.61
3.58
3.52
3.51
3.49
3.49
3.47
3.45
3.39
3.37
3.37
3.35
3.35
2.50
2.50
2.50
2.20
2.19
2.03
2.03
2.03
2.02
2.01
2.01
1.99
1.98
1.97
1.96
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1.93
1.91
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1.88
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1.16

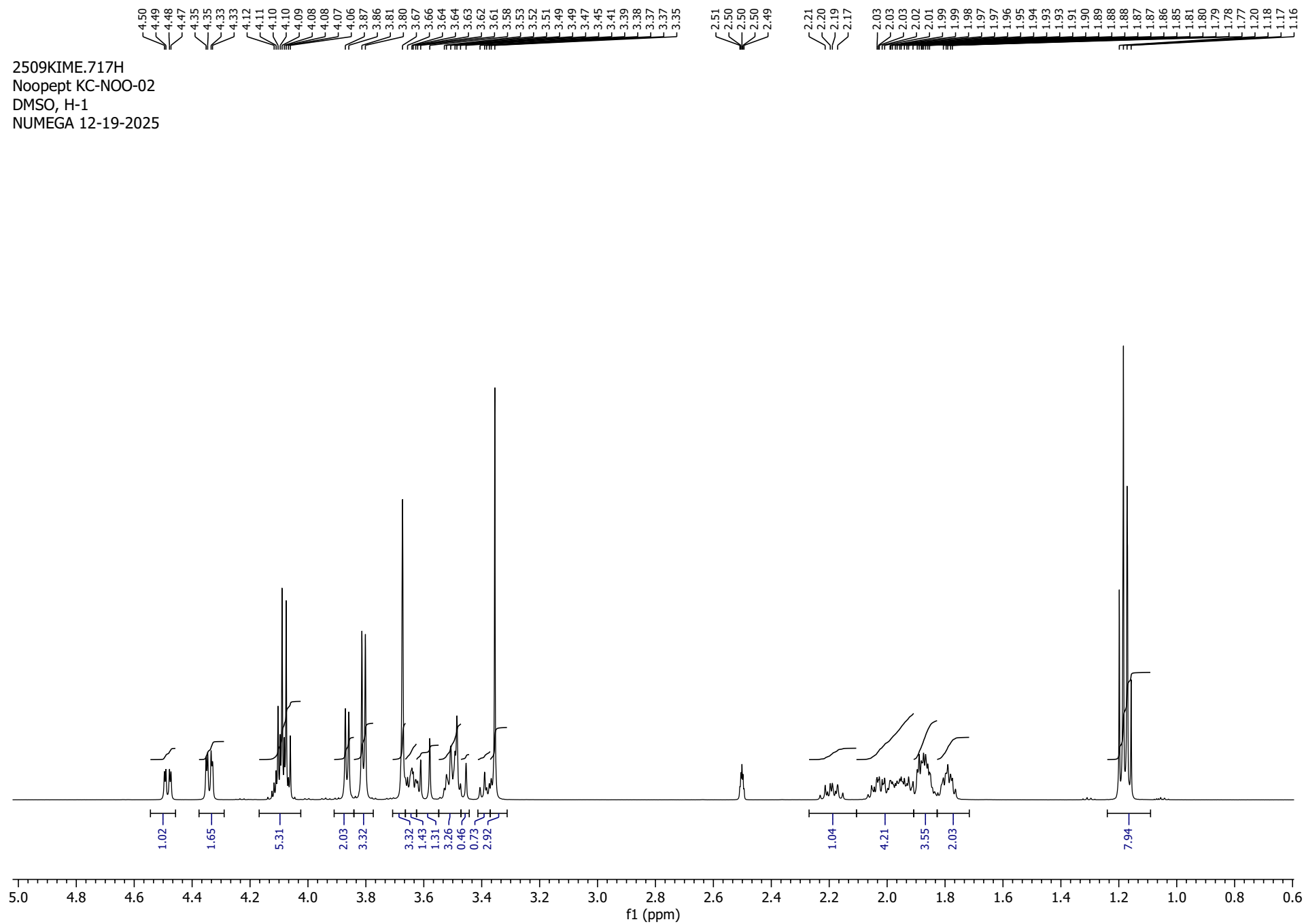
2509KIME.717H
Noopept KC-NOO-02
DMSO, H-1
NUMEGA 12-19-2025



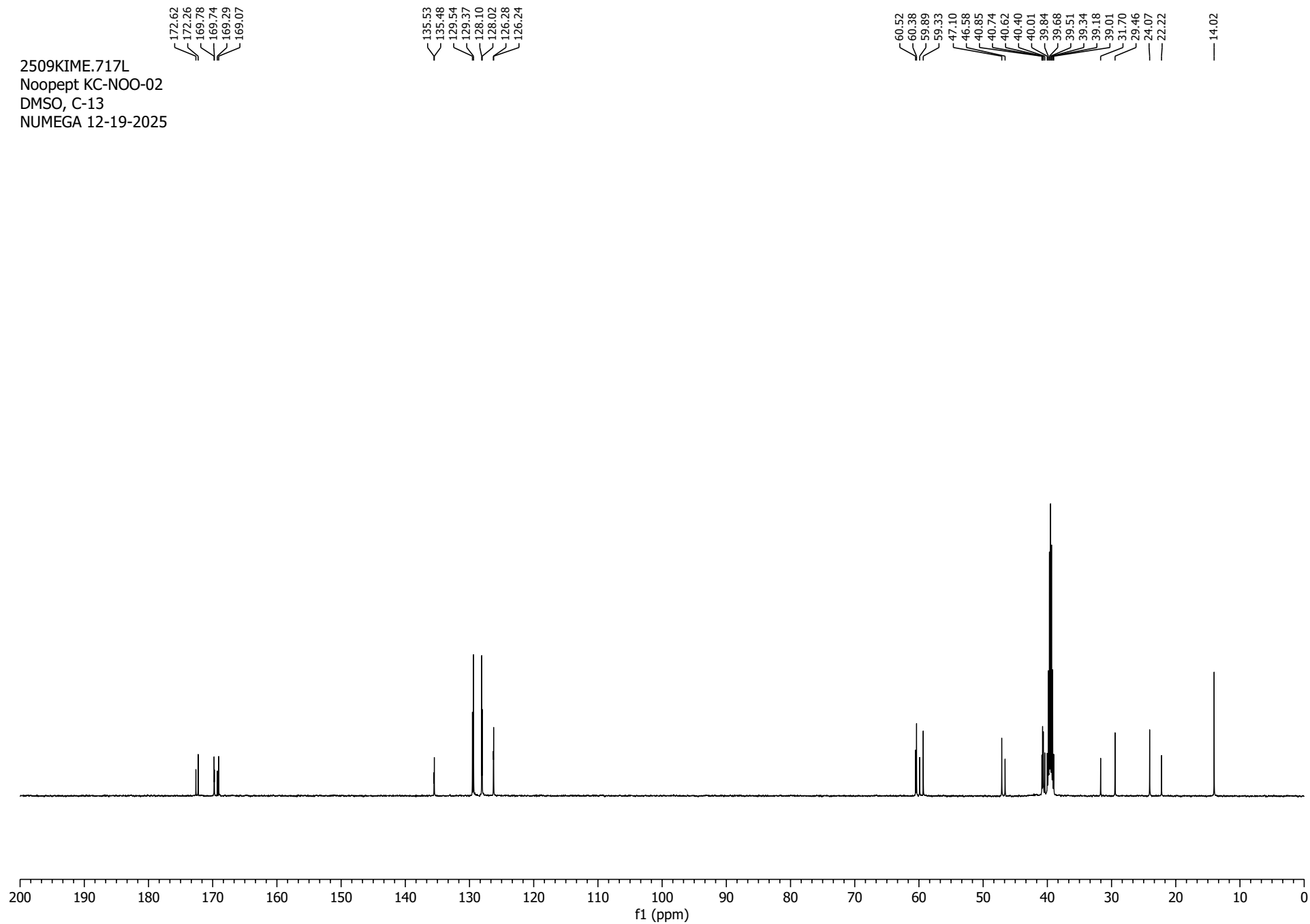
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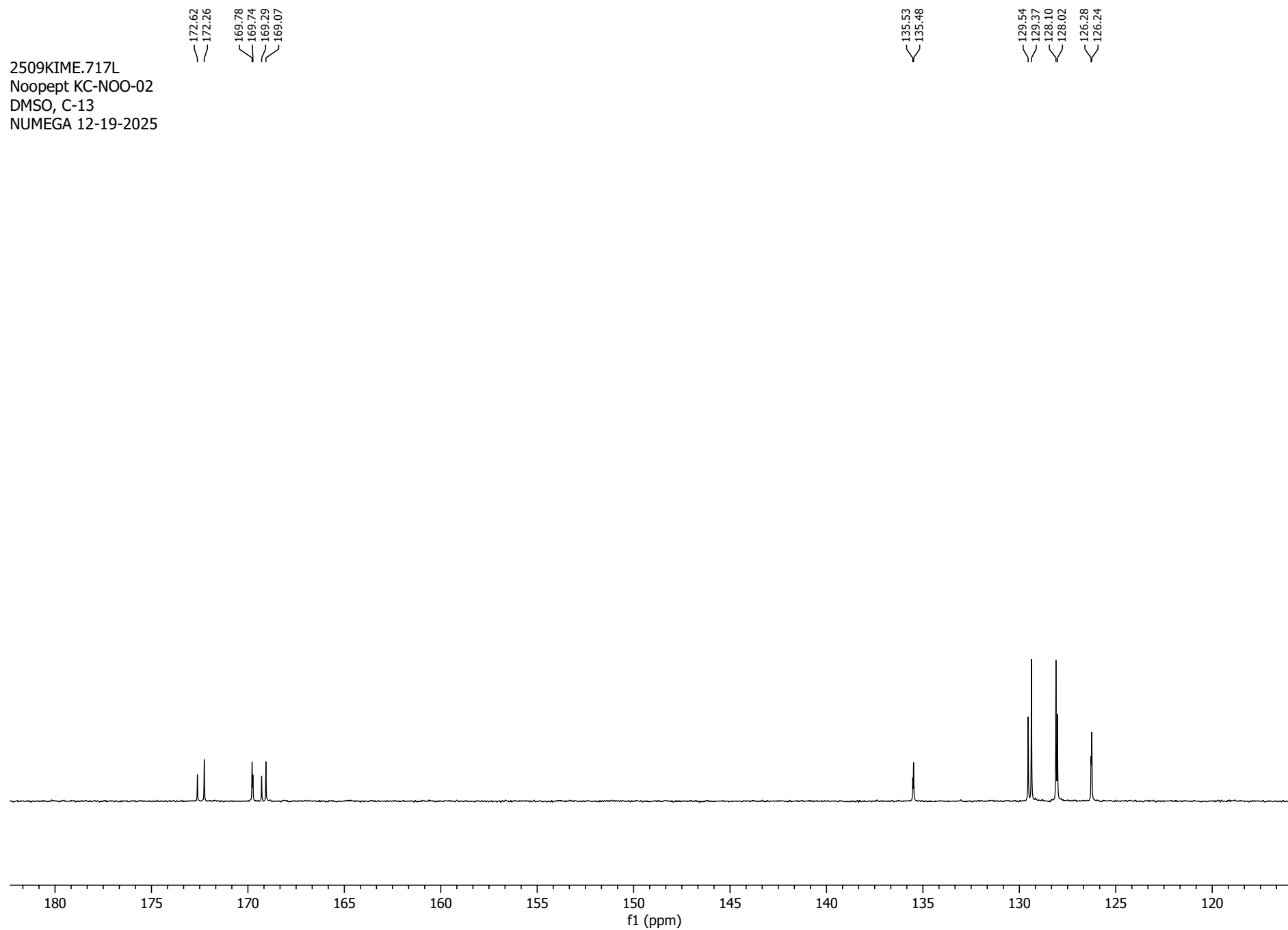
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Noopept KC-NOO-02
DMSO, H-1
NUMEGA 12-19-2025



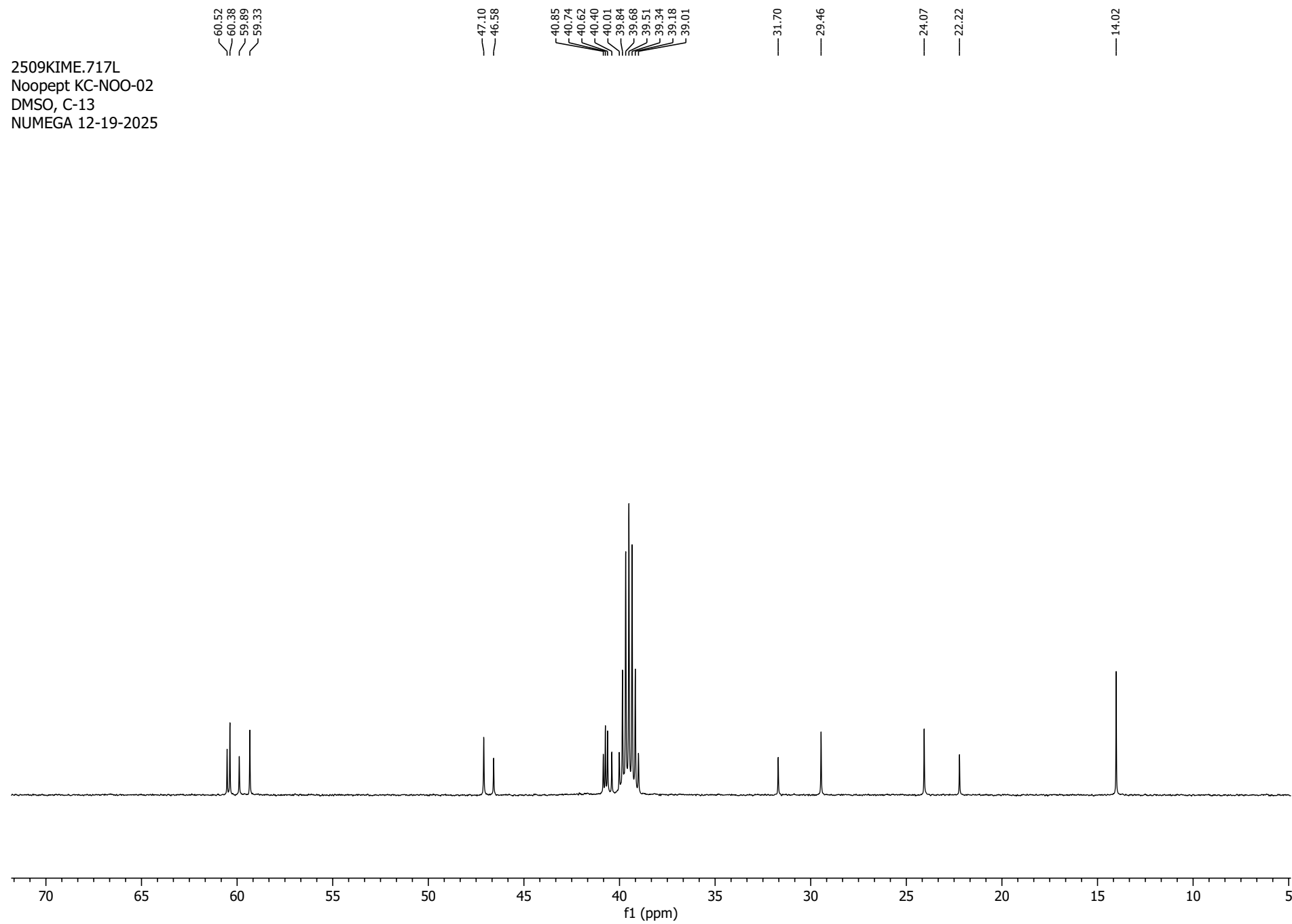
2509KIME.717L
Noopept KC-NOO-02
DMSO, C-13
NUMEGA 12-19-2025



2509KIME.717L
Noopept KC-NOO-02
DMSO, C-13
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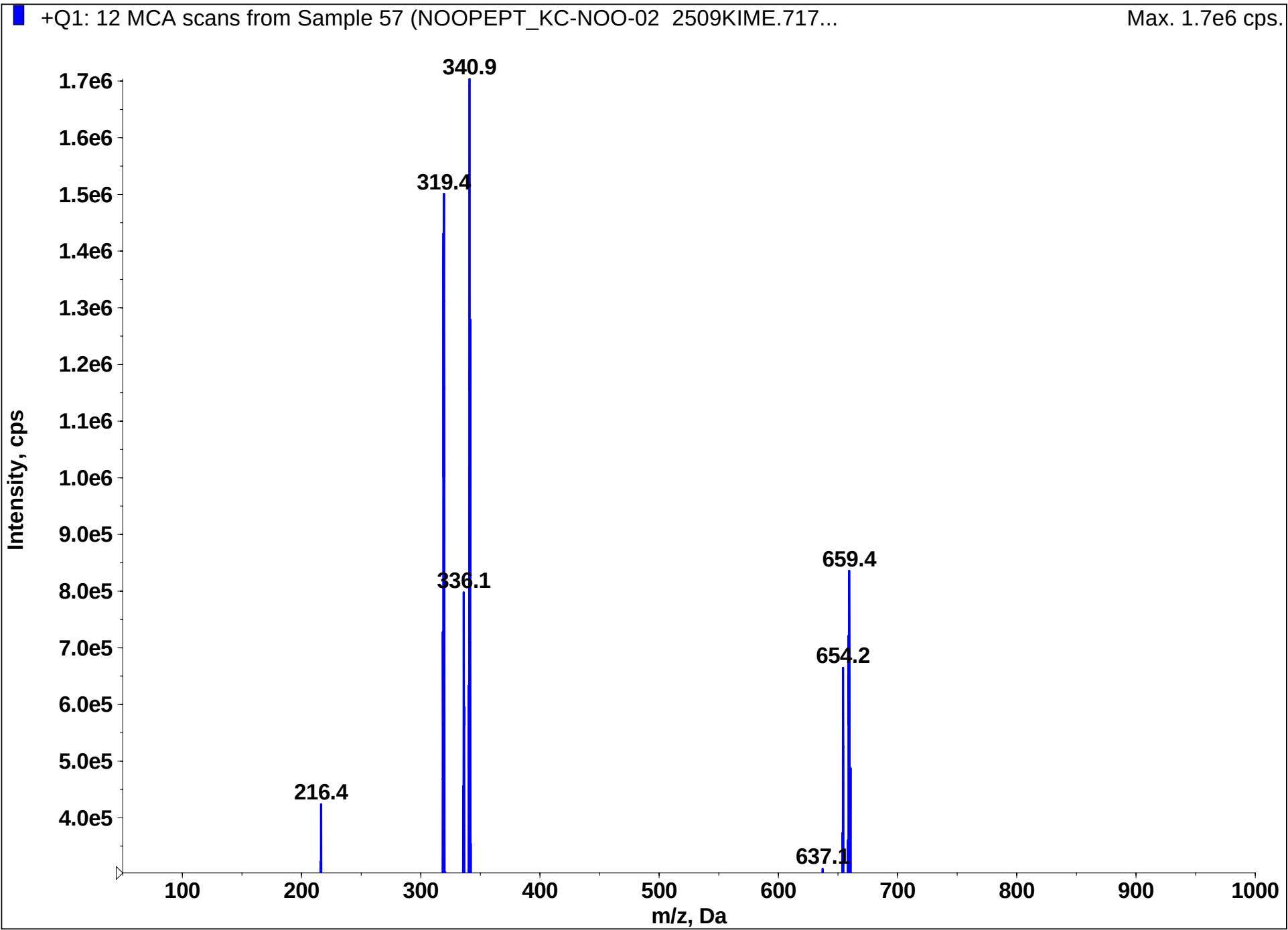


2509KIME.717L
Noopept KC-NOO-02
DMSO, C-13
NUMEGA 12-19-2025



NuMega Resonance Labs
Sample Name: NOOPEPT_KC-NOO-02 2509KIME.717D
Acq. Date: Friday, December 19,
2025

Polarity/Scan Type: Positive Q1 MS



NuMega Resonance Labs
Sample Name: NOOPEPT_KC-NOO-02 2509KIME.717D
Acq. Date: Friday, December 19,
2025

Polarity/Scan Type: Negative Q1 MS

