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January 16, 2026

NuMega Reference #

2600KIME.237B

Kimera Chems

Quantitative Analysis Report

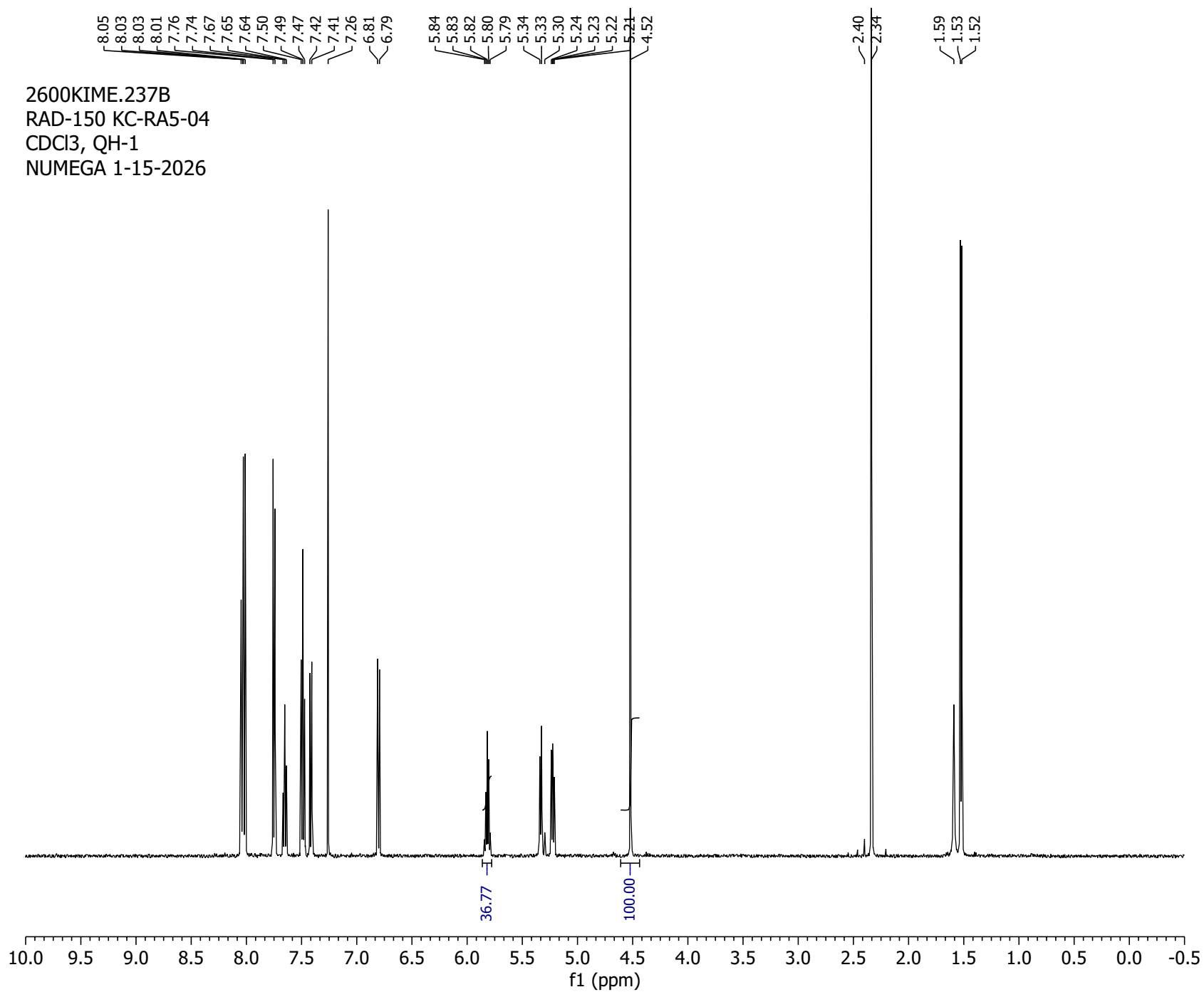
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	RAD-150 KC-RA5-04
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	1.107
Weight of Sample (wt _{sa})	9.265
Assumed Sample Molecular Weight (MW _{sa})	497.94
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	36.77
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 %	99.1%

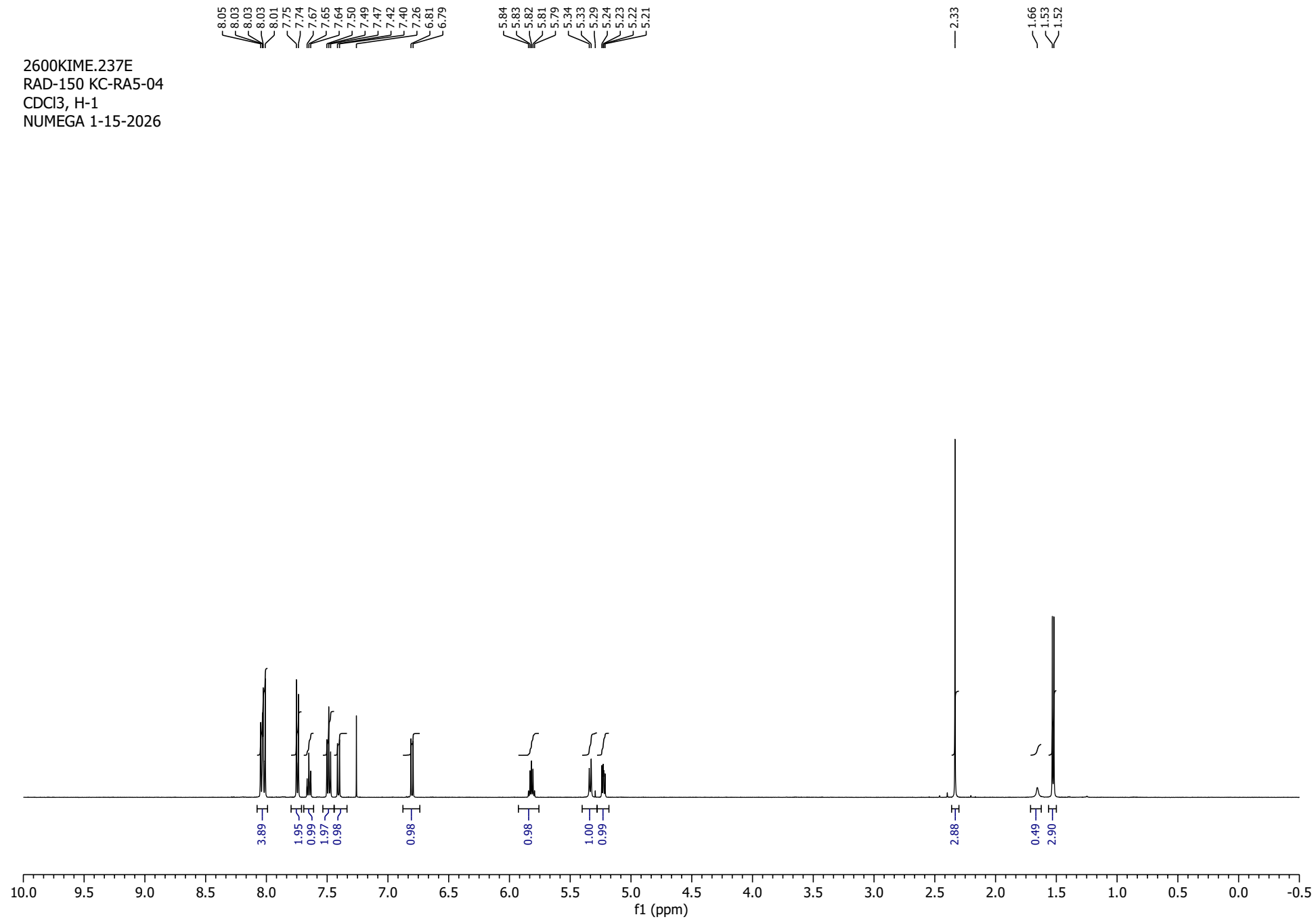
Formula Used for Calculation:

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

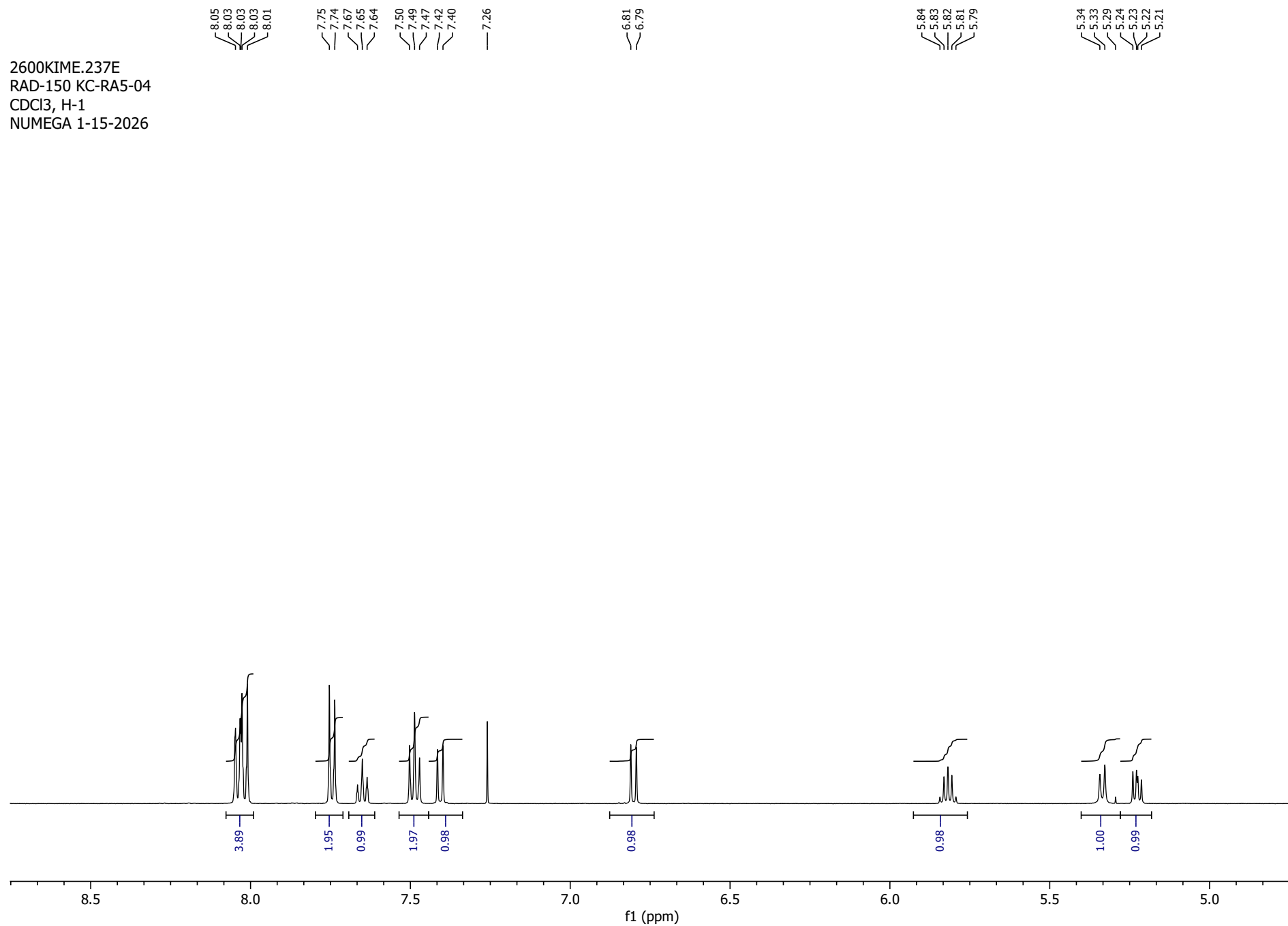
2600KIME.237B
RAD-150 KC-RA5-04
CDCl₃, QH-1
NUMEGA 1-15-2026



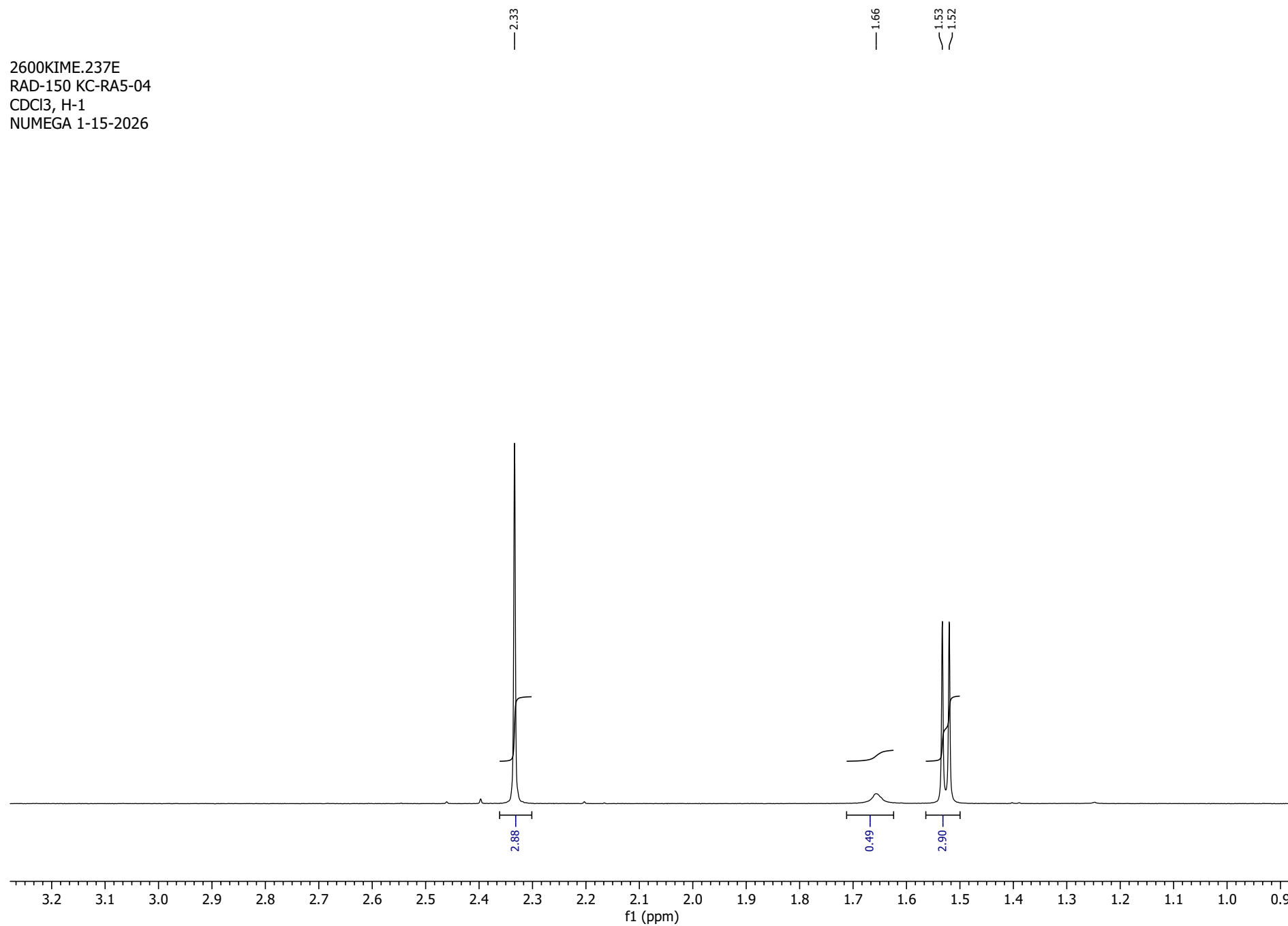
2600KIME.237E
RAD-150 KC-RA5-04
CDCl₃, H-1
NUMEGA 1-15-2026



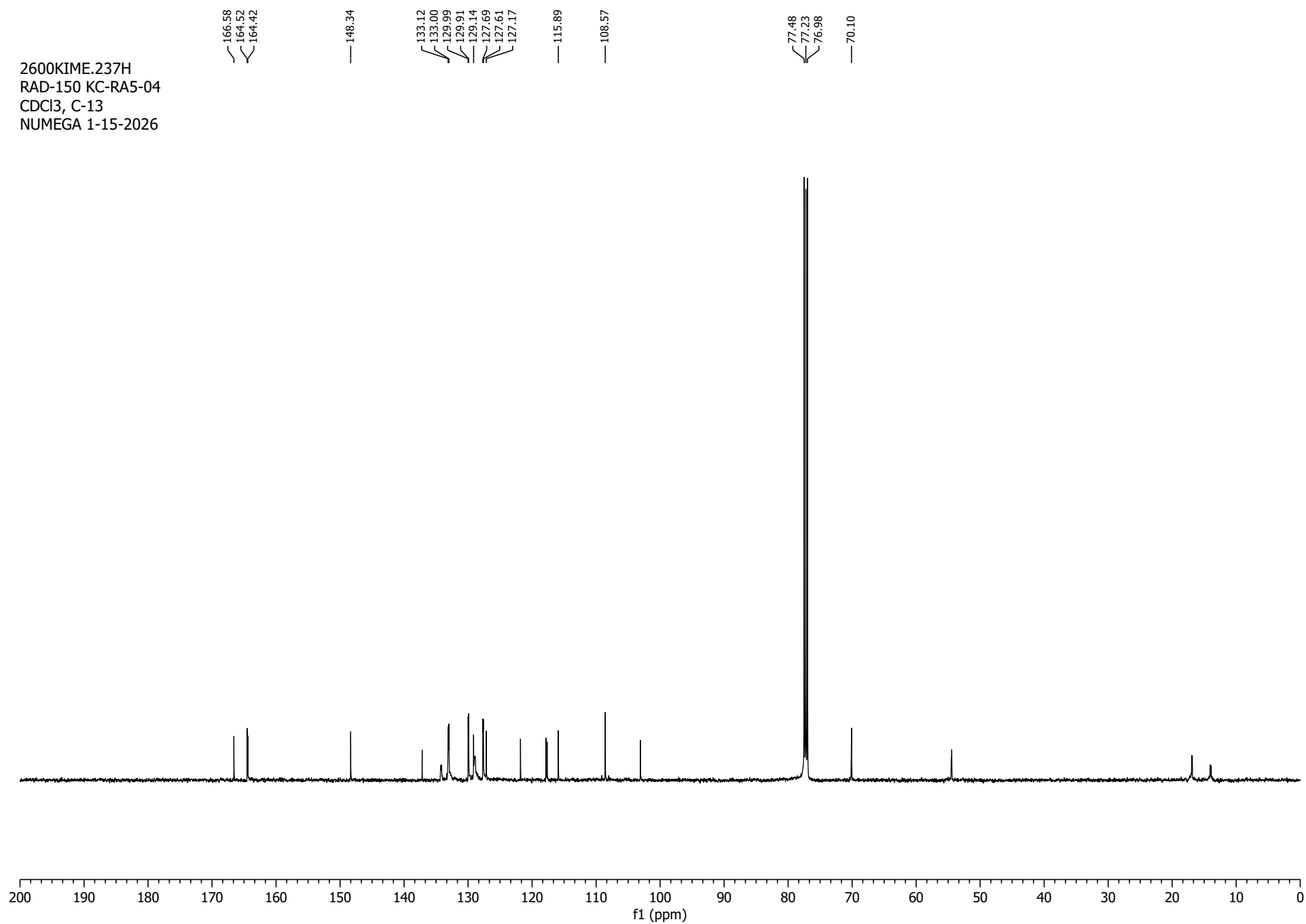
2600KIME.237E
RAD-150 KC-RA5-04
CDCl₃, H-1
NUMEGA 1-15-2026



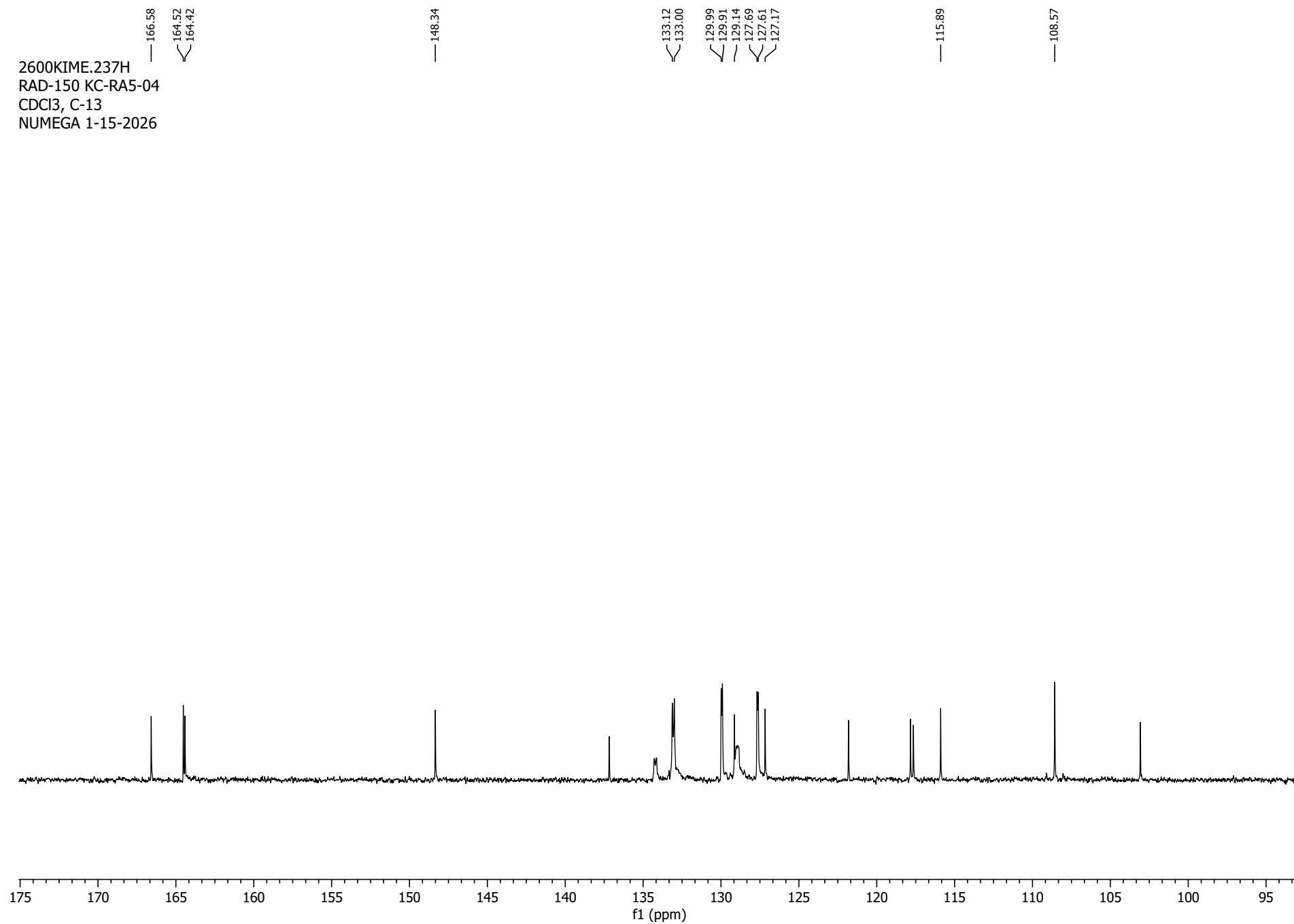
2600KIME.237E
RAD-150 KC-RA5-04
CDCl₃, H-1
NUMEGA 1-15-2026



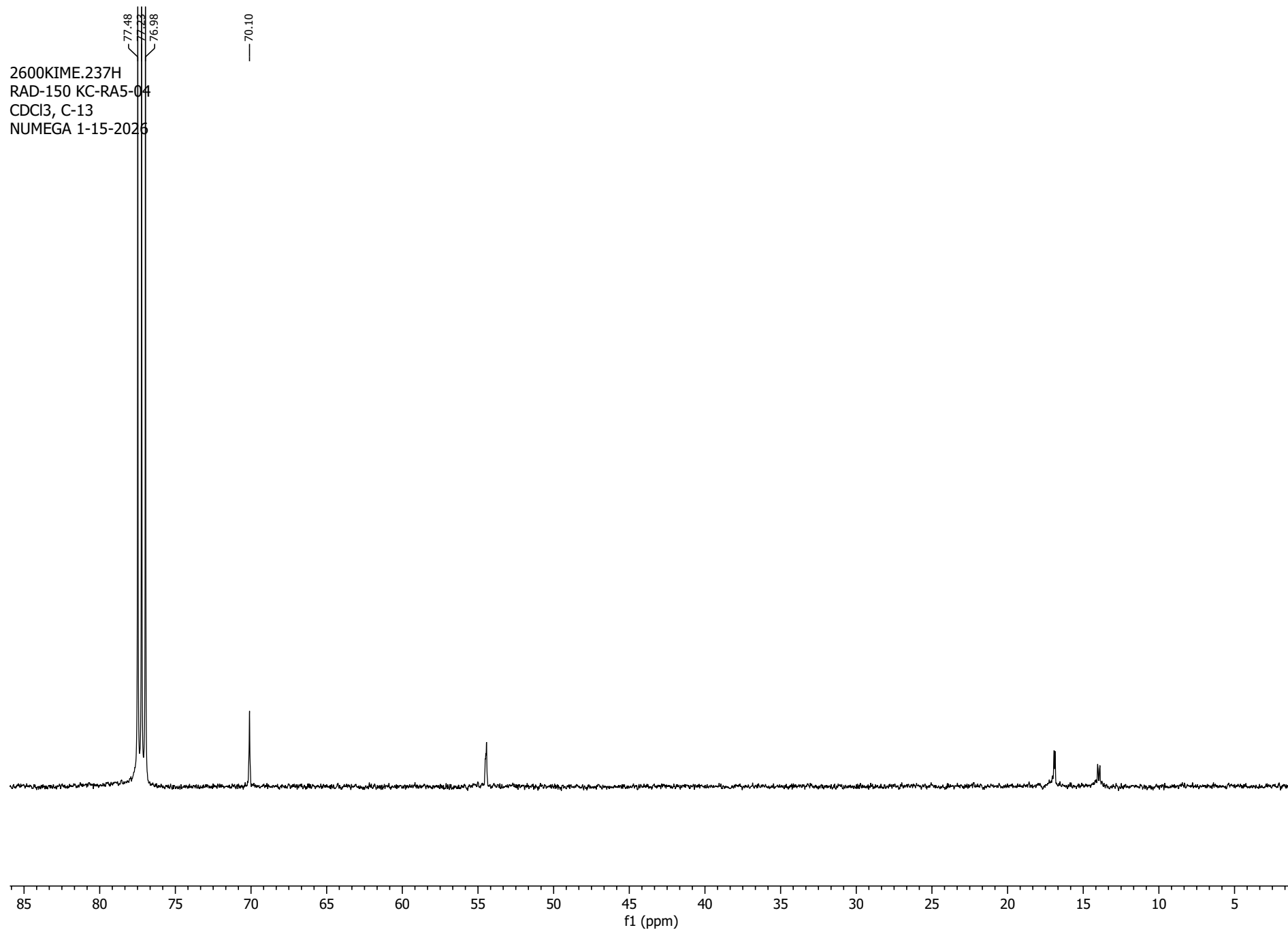
2600KIME.237H
RAD-150 KC-RA5-04
CDCl₃, C-13
NUMEGA 1-15-2026



2600KIME.237H
RAD-150 KC-RA5-04
CDCl₃, C-13
NUMEGA 1-15-2026

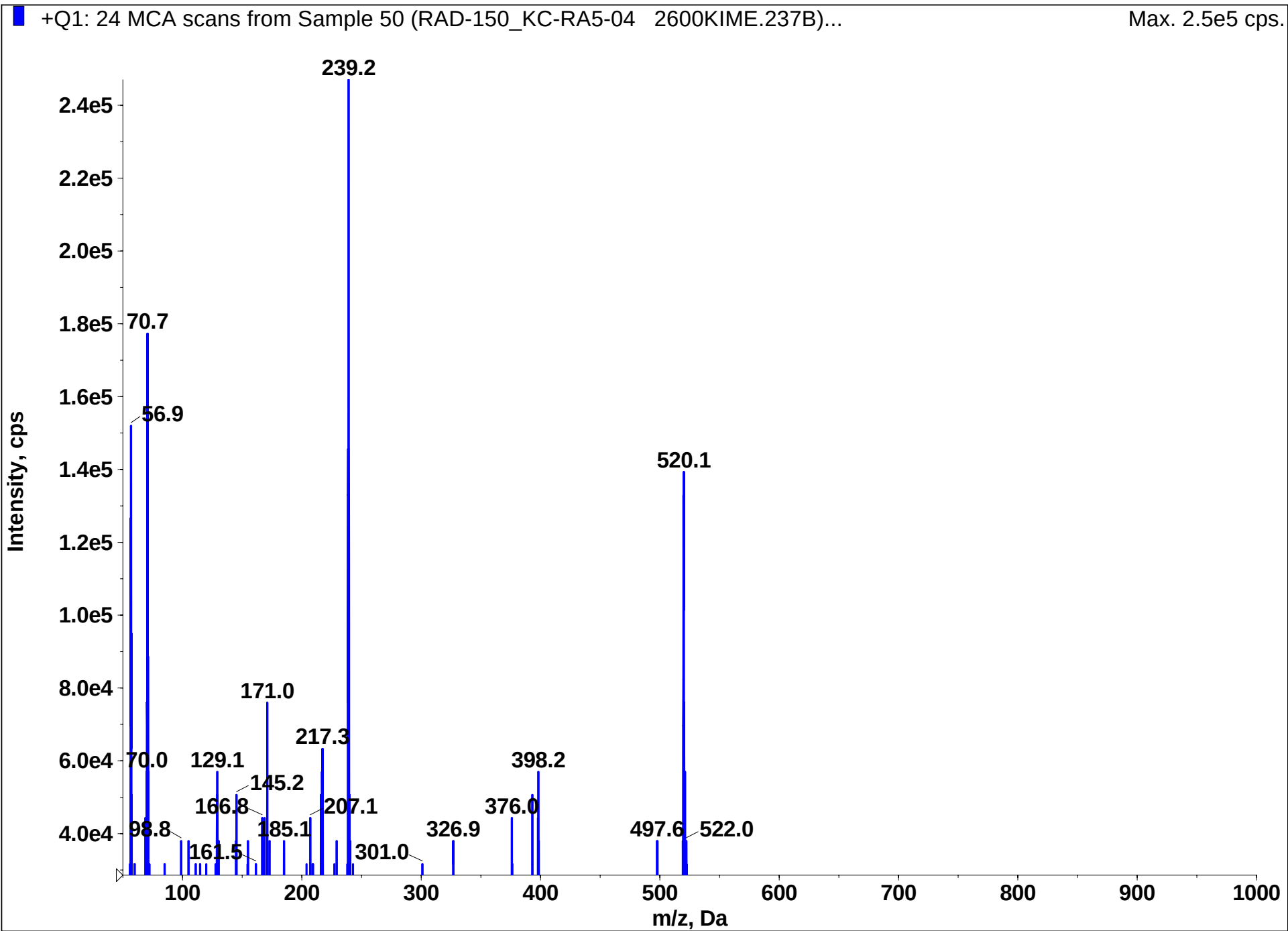


2600KIME.237H
RAD-150 KC-RA5-04
CDCl₃, C-13
NUMEGA 1-15-2025



NuMega Resonance Labs
Sample Name: RAD-150_KC-RA5-04 2600KIME.237B
Acq. Date: Thursday, January 15,
2026

Polarity/Scan Type: Positive Q1 MS



NuMega Resonance Labs
Sample Name: RAD-150_KC-RA5-04 2600KIME.237B
Acq. Date: Thursday, January 15,
2026

Polarity/Scan Type: Negative Q1 MS

