

July 6, 2026

NuMega Reference #
2603KIME.967T

Company: Kimera Chem

Quantitative Analysis Report

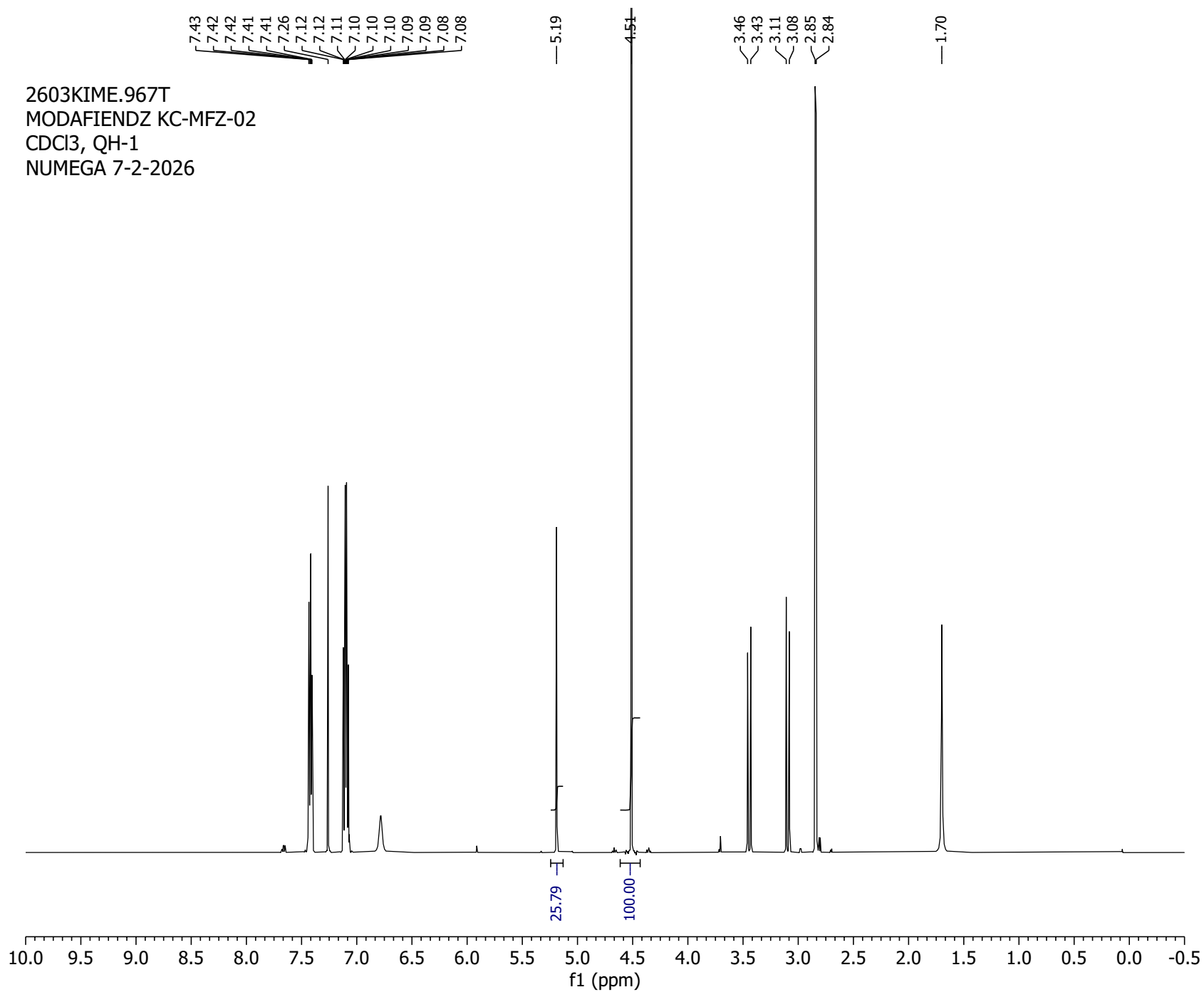
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	MODAFIENDZ KC-MFZ-02
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	2.490
Weight of Sample (wt _{sa})	9.978
Assumed Sample Molecular Weight (MW _{sa})	323.36
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	25.79
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 %	94.3

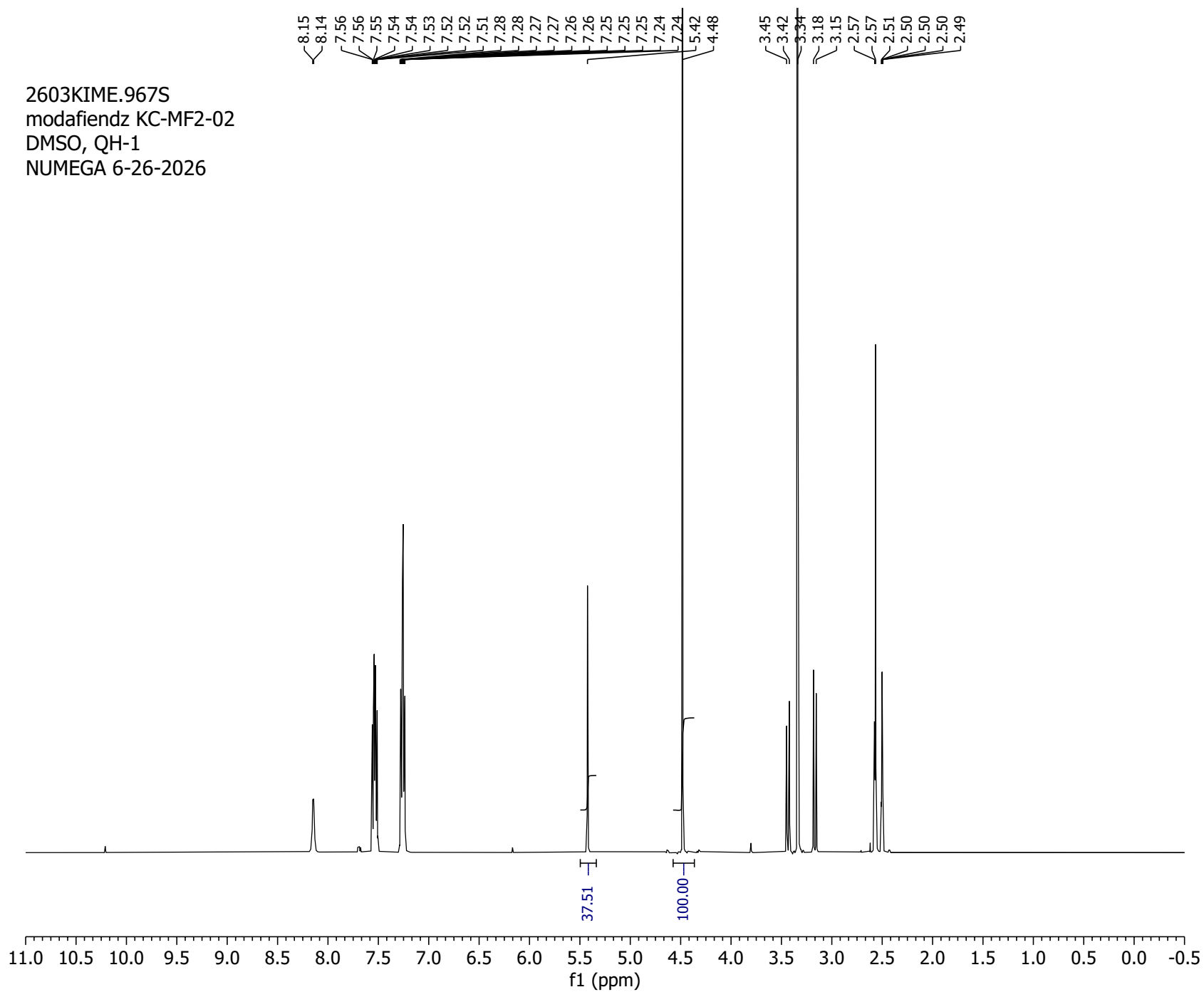
Formula Used for Calculation:

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

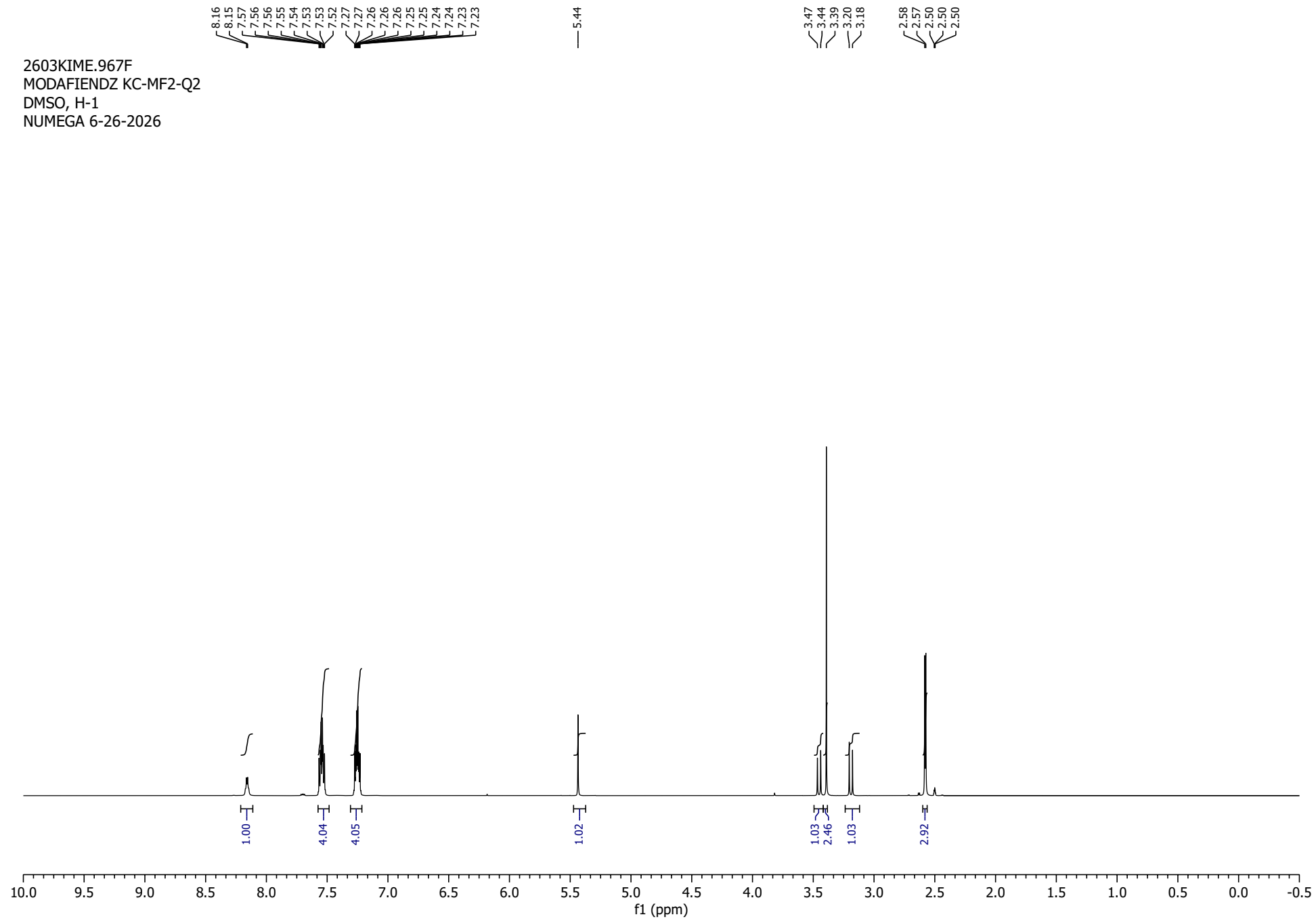
2603KIME.967T
MODAFIENDZ KC-MFZ-02
CDCl₃, QH-1
NUMEGA 7-2-2026



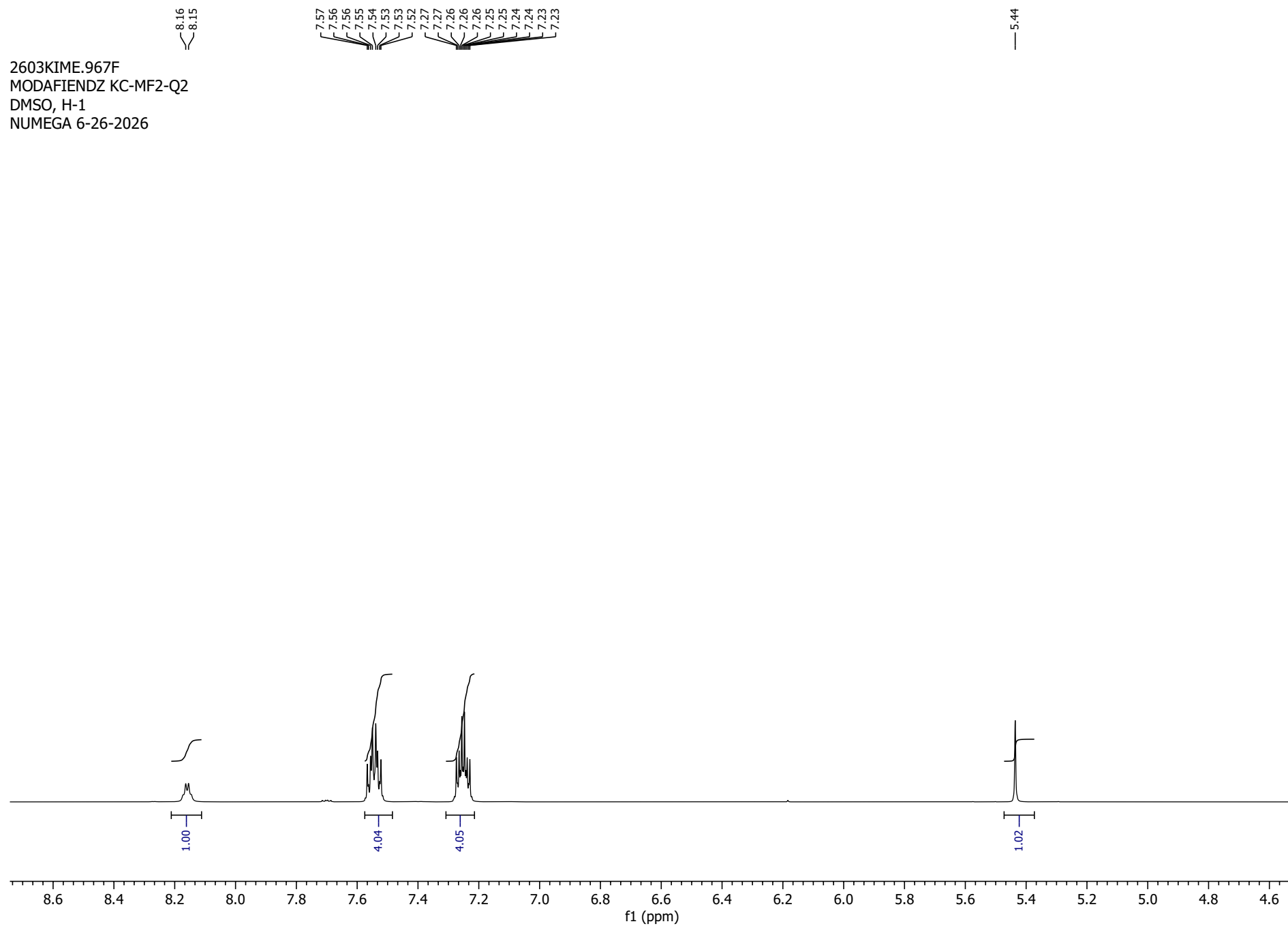
2603KIME.967S
modafiendz KC-MF2-02
DMSO, QH-1
NUMEGA 6-26-2026



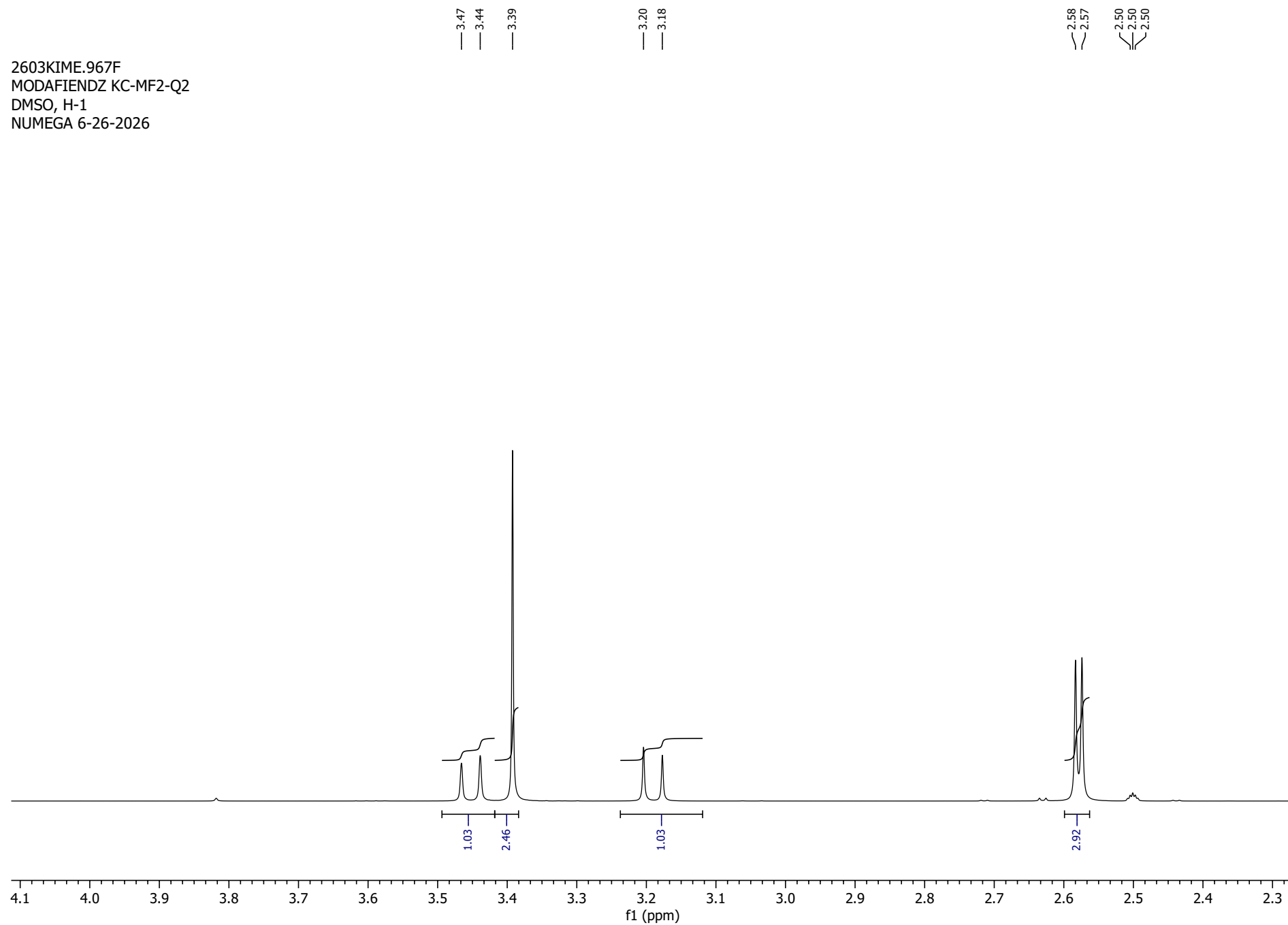
2603KIME.967F
MODAFIENDZ KC-MF2-Q2
DMSO, H-1
NUMEGA 6-26-2026



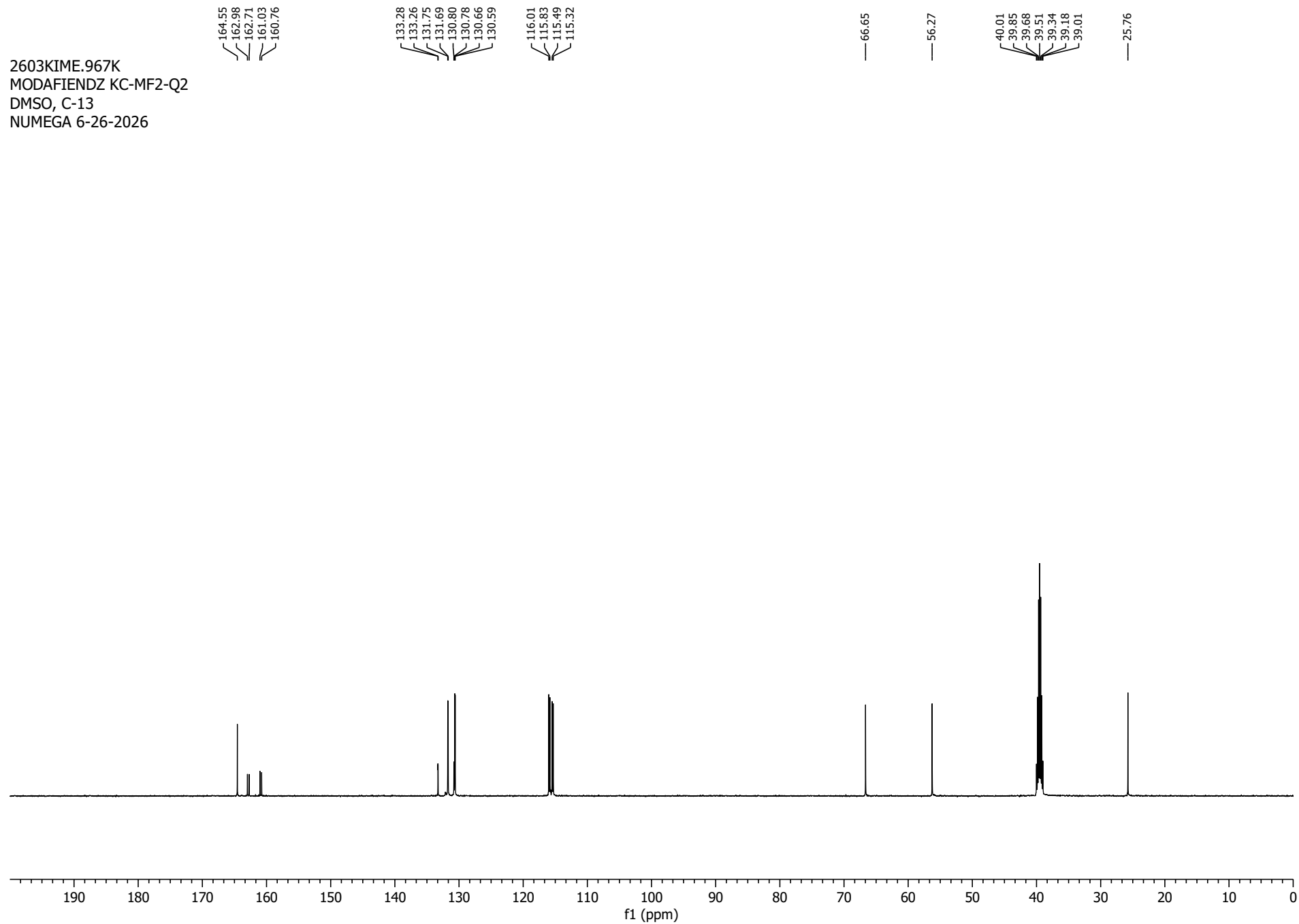
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MODAFIENDZ KC-MF2-Q2
DMSO, H-1
NUMEGA 6-26-2026



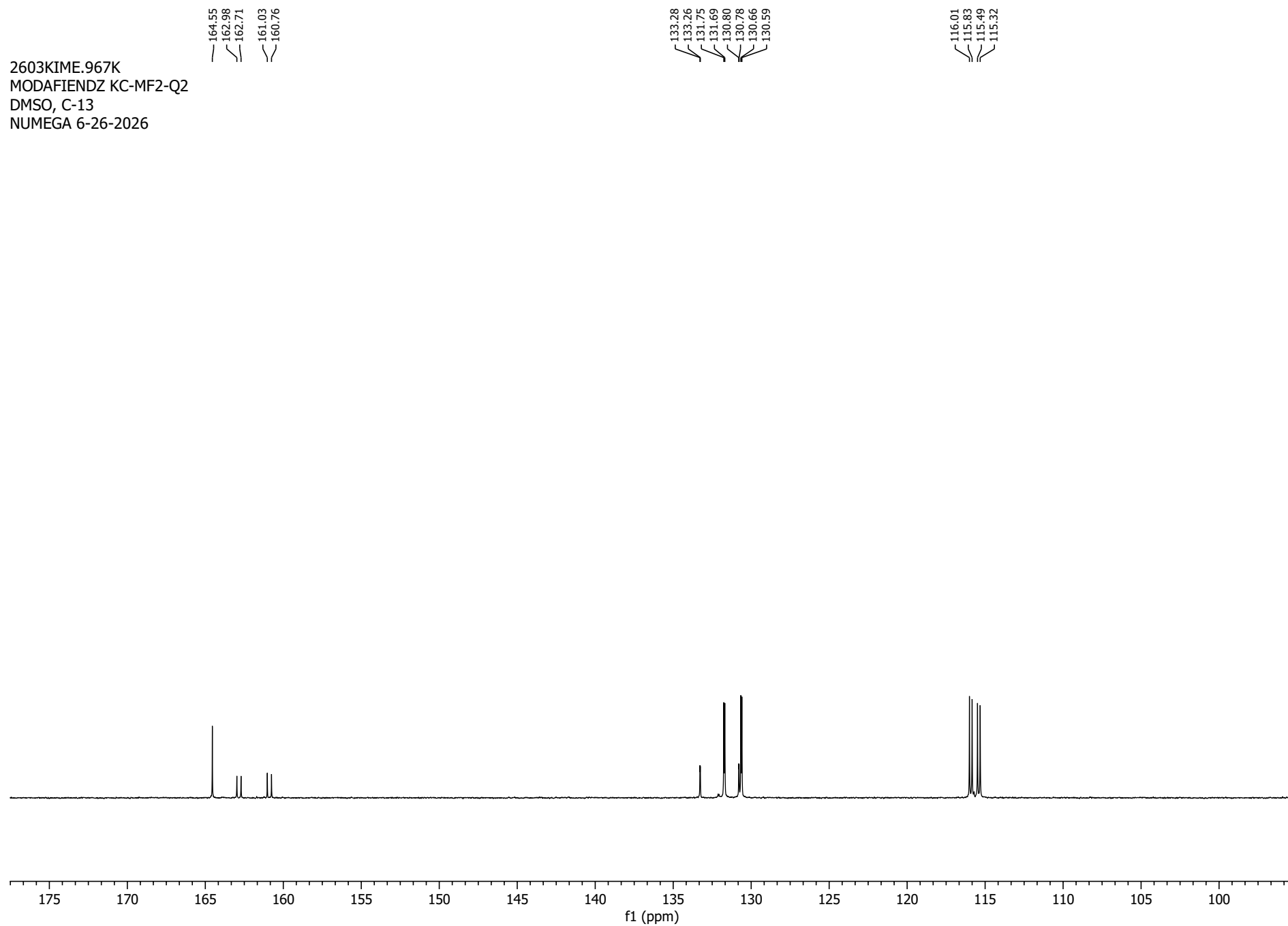
2603KIME.967F
MODAFIENDZ KC-MF2-Q2
DMSO, H-1
NUMEGA 6-26-2026



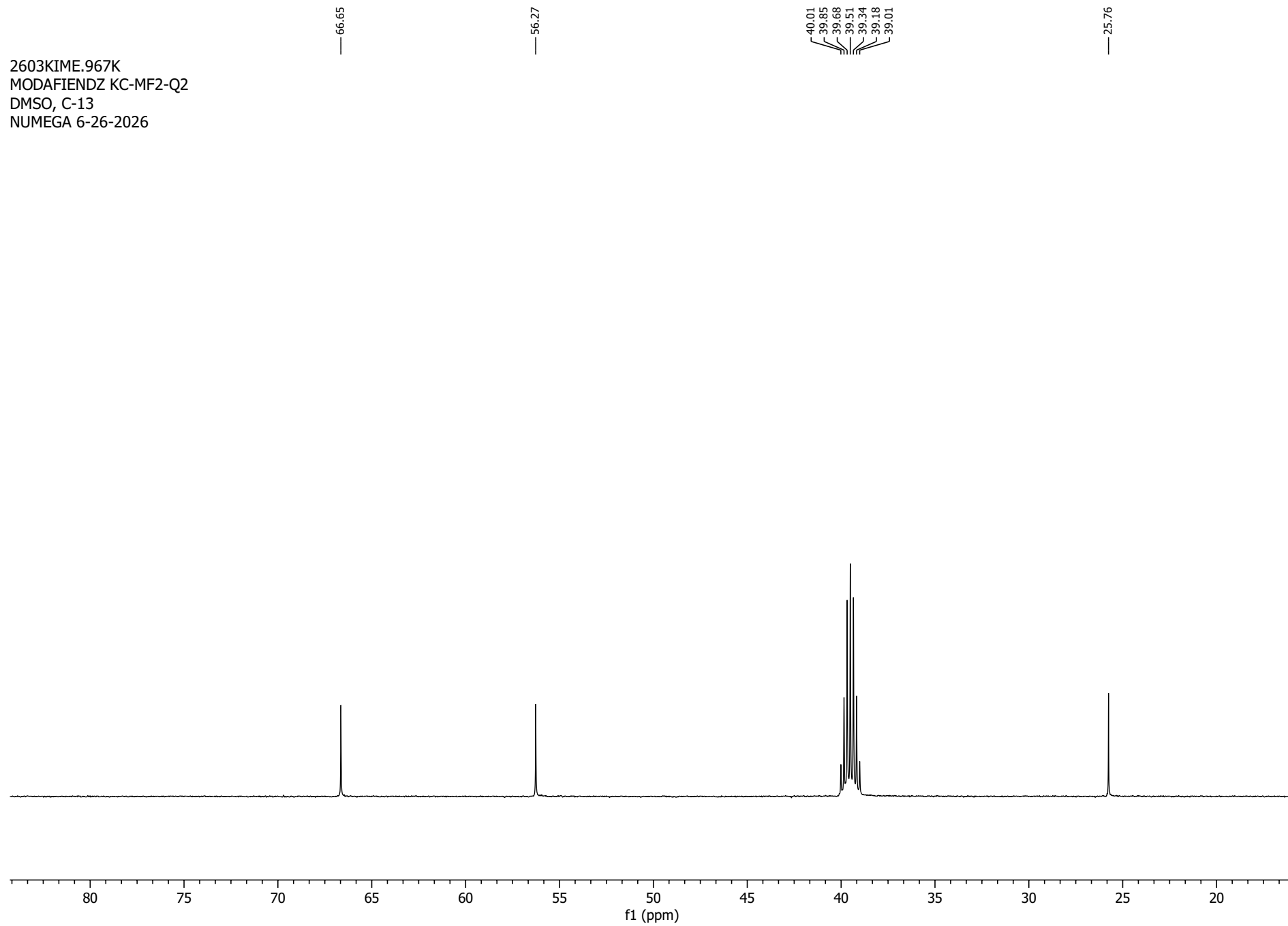
2603KIME.967K
MODAFIENDZ KC-MF2-Q2
DMSO, C-13
NUMEGA 6-26-2026



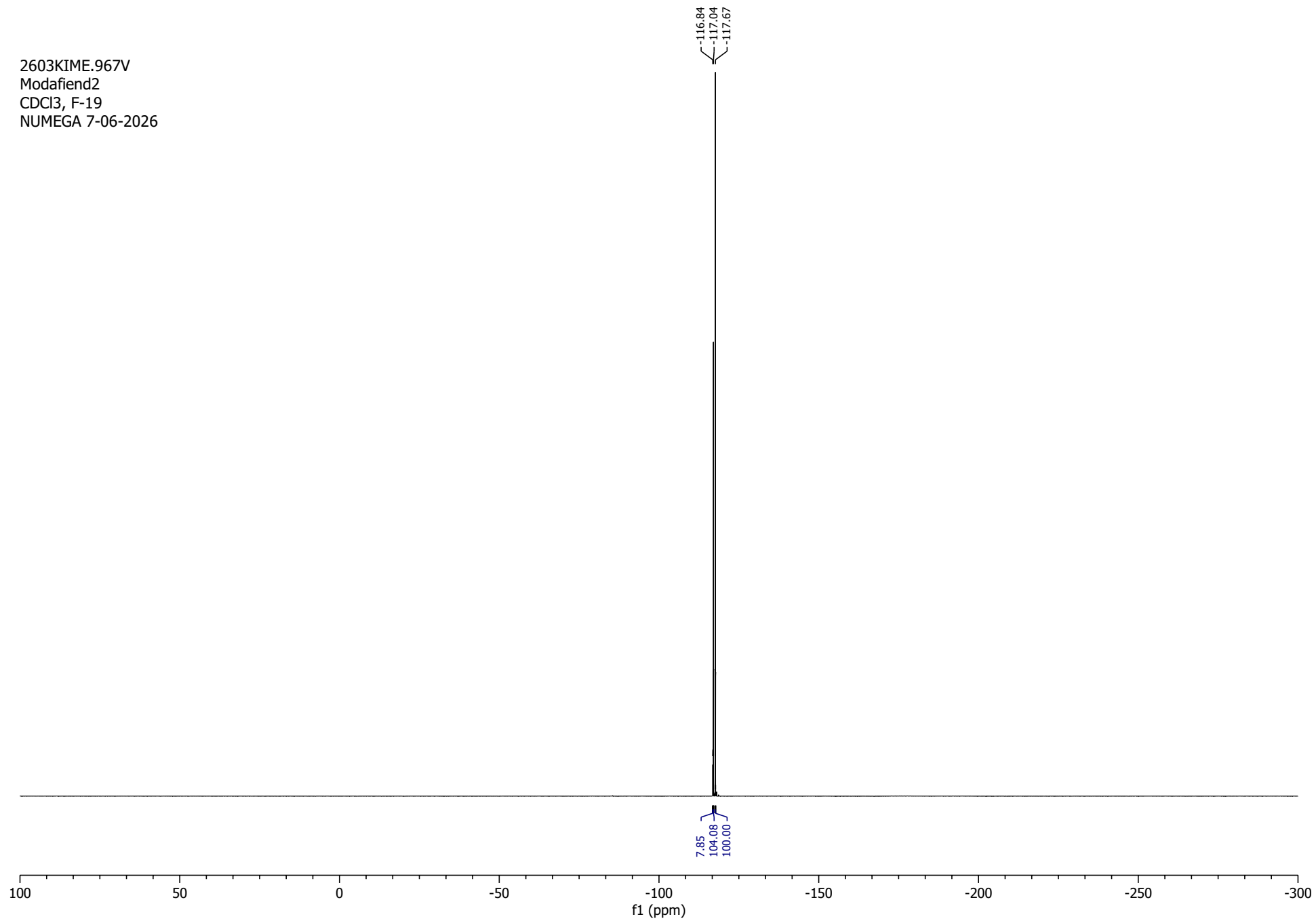
2603KIME.967K
MODAFIENDZ KC-MF2-Q2
DMSO, C-13
NUMEGA 6-26-2026



2603KIME.967K
MODAFIENDZ KC-MF2-Q2
DMSO, C-13
NUMEGA 6-26-2026



2603KIME.967V
Modafiend2
CDCl3, F-19
NUMEGA 7-06-2026



2603KIME.967V
Modafiend2
CDCl3, F-19
NUMEGA 7-06-2026

