

July 10, 2026

NuMega Reference #
2604KIME.193Q

Company: Kimera Chem

Quantitative Analysis Report

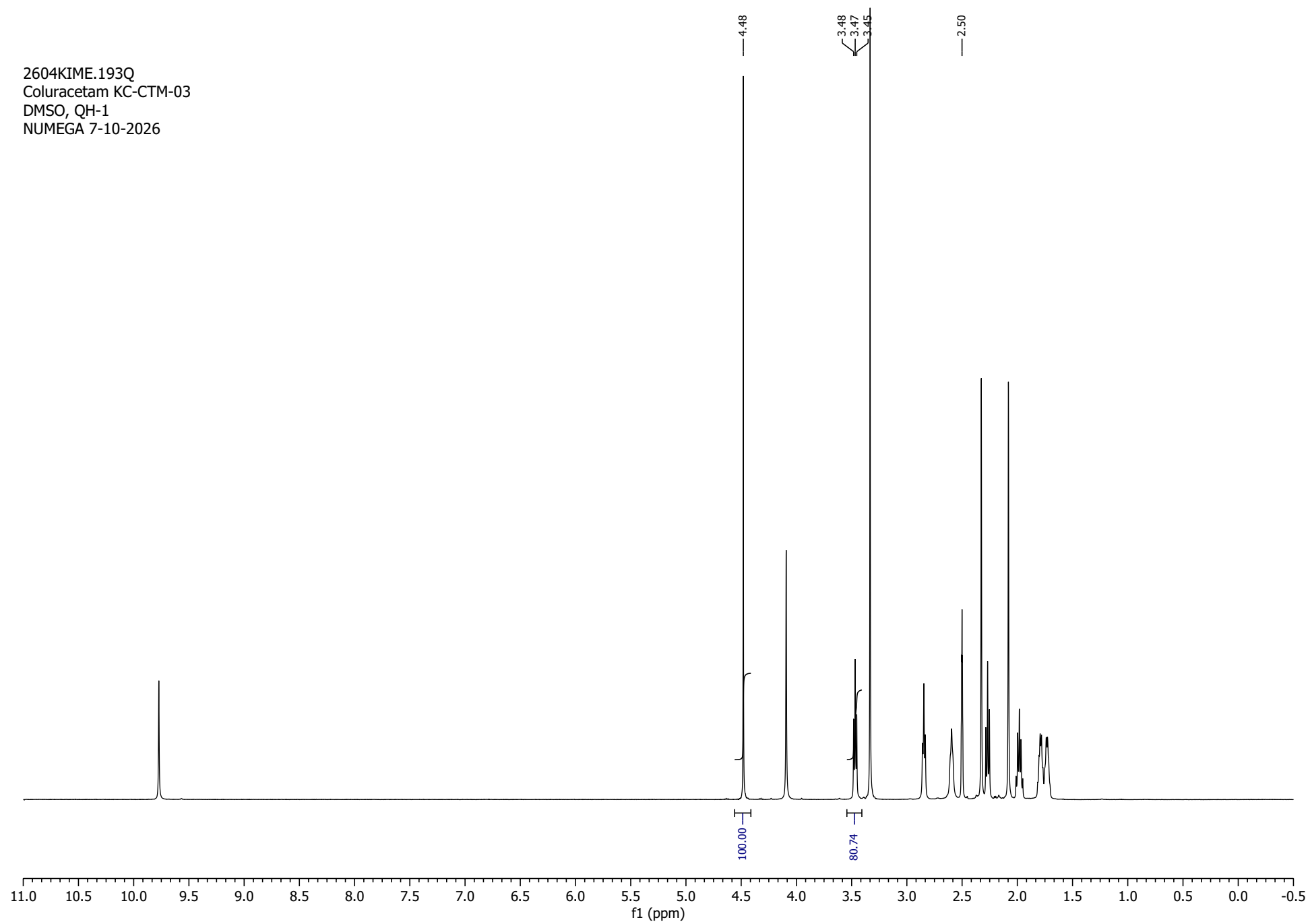
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Coluracetam KC-CTM-03
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	1.723
Weight of Sample (wt _{sa})	10.911
Assumed Sample Molecular Weight (MW _{sa})	341.40
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	80.74
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 %	98.6

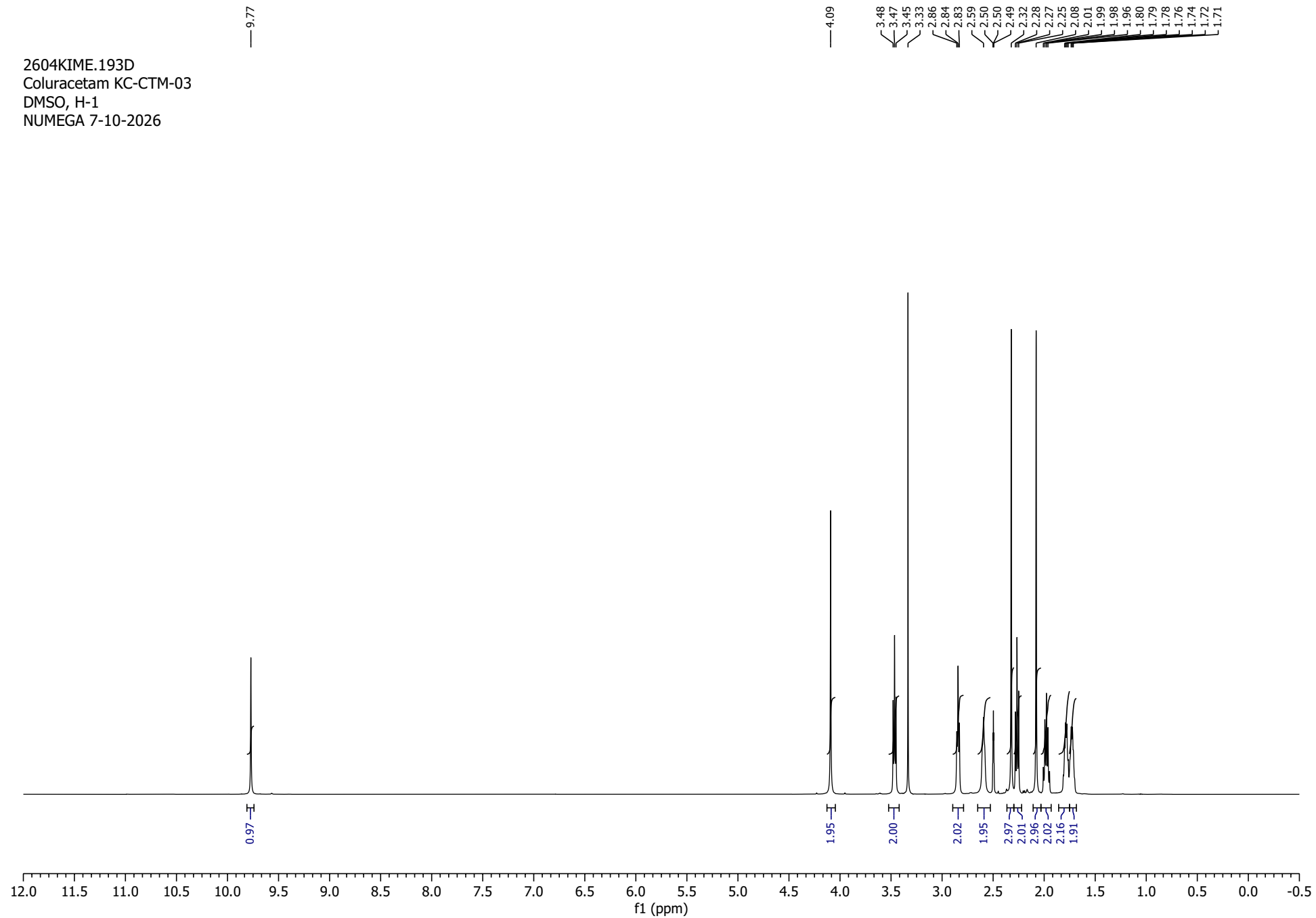
Formula Used for Calculation:

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

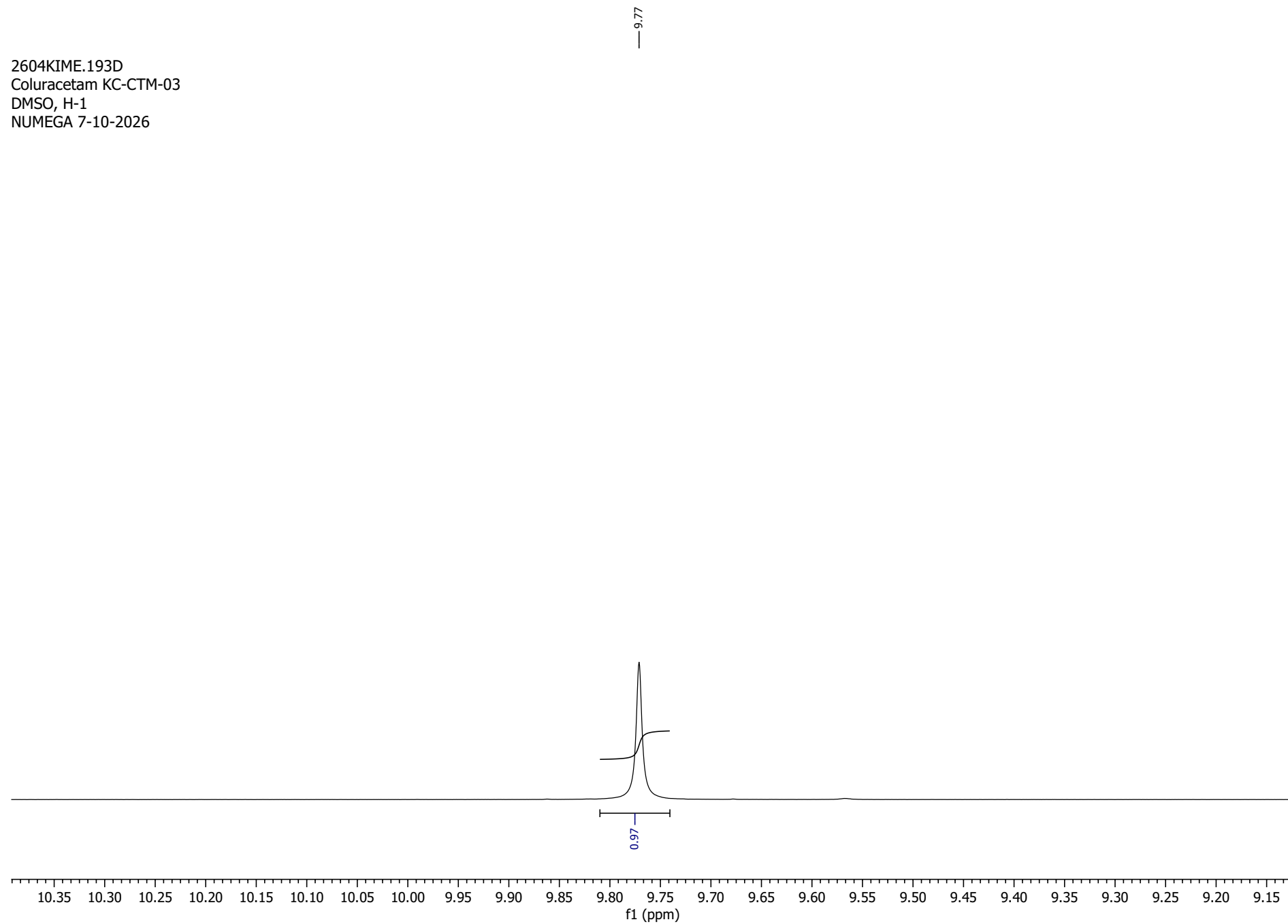
2604KIME.193Q
Coluracetam KC-CTM-03
DMSO, QH-1
NUMEGA 7-10-2026



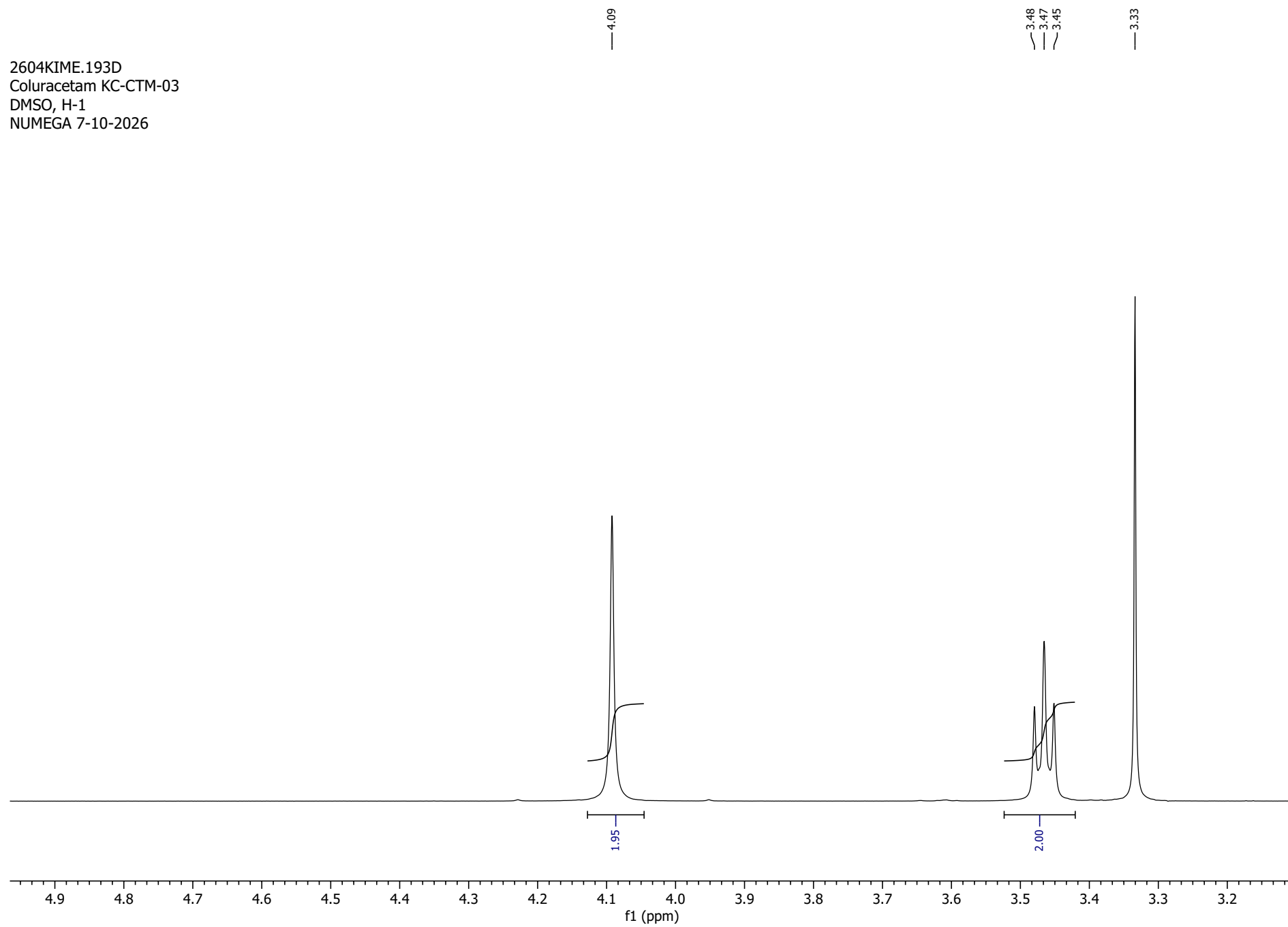
2604KIME.193D
Coluracetam KC-CTM-03
DMSO, H-1
NUMEGA 7-10-2026



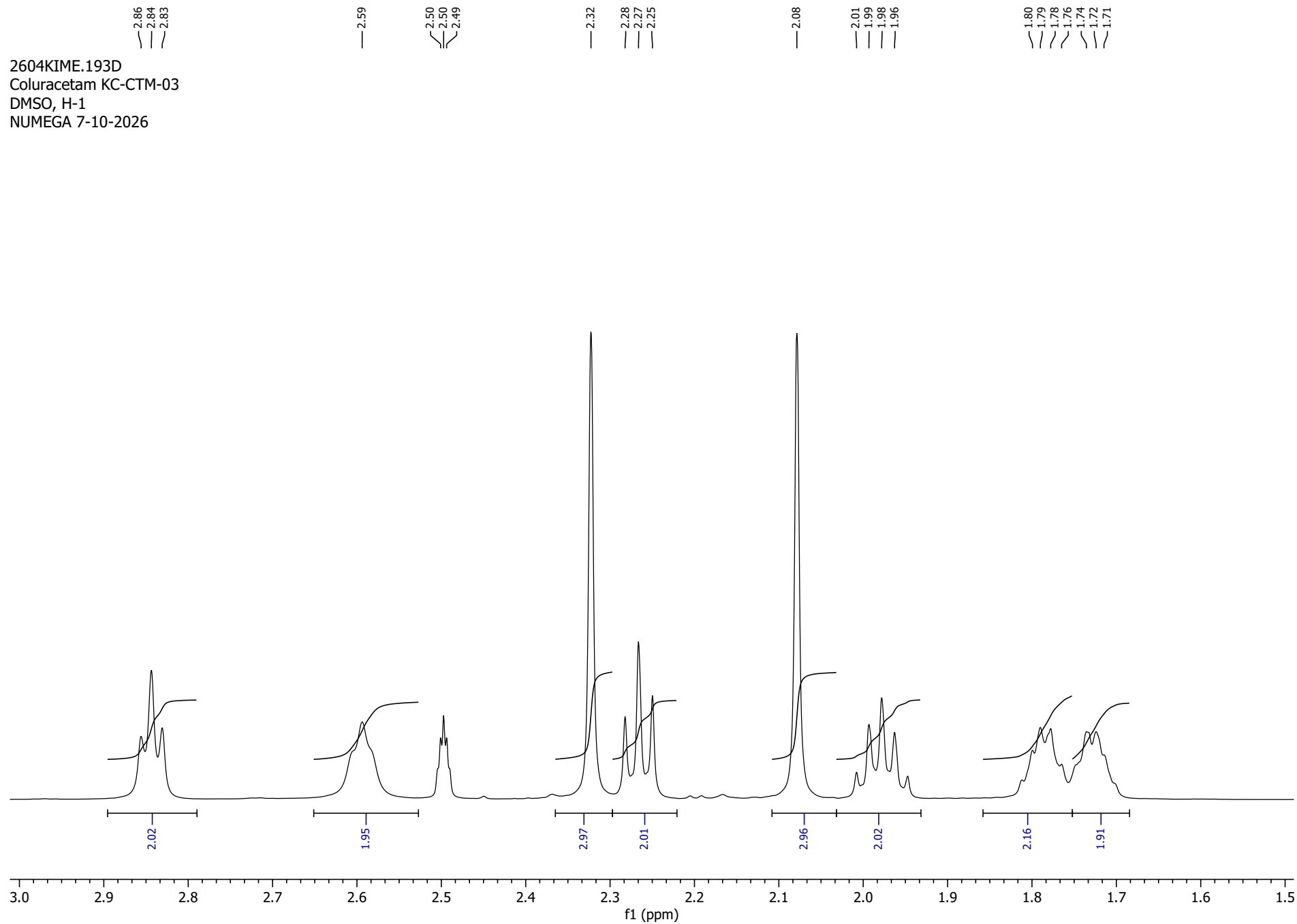
2604KIME.193D
Coluracetam KC-CTM-03
DMSO, H-1
NUMEGA 7-10-2026



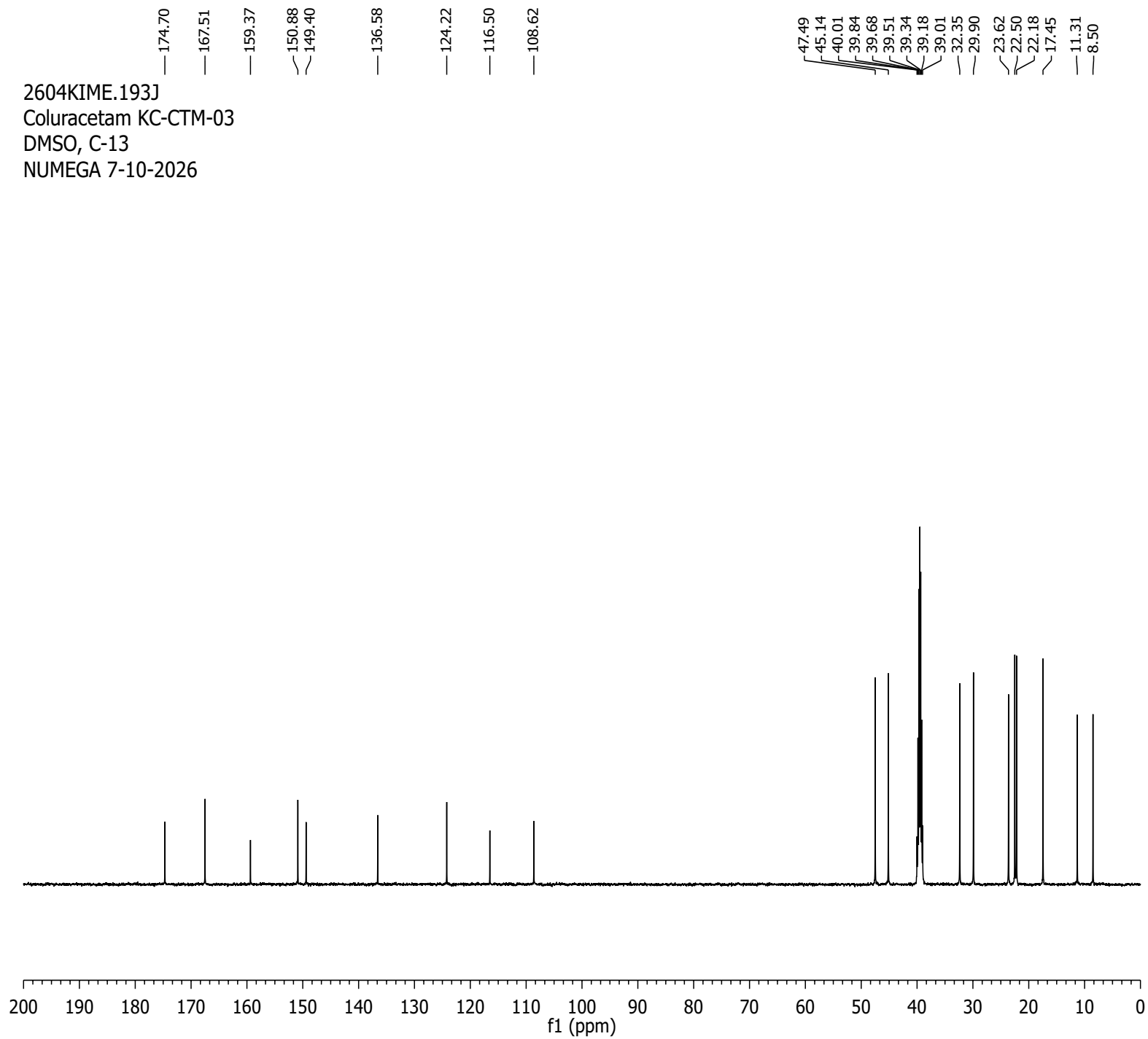
2604KIME.193D
Coluracetam KC-CTM-03
DMSO, H-1
NUMEGA 7-10-2026

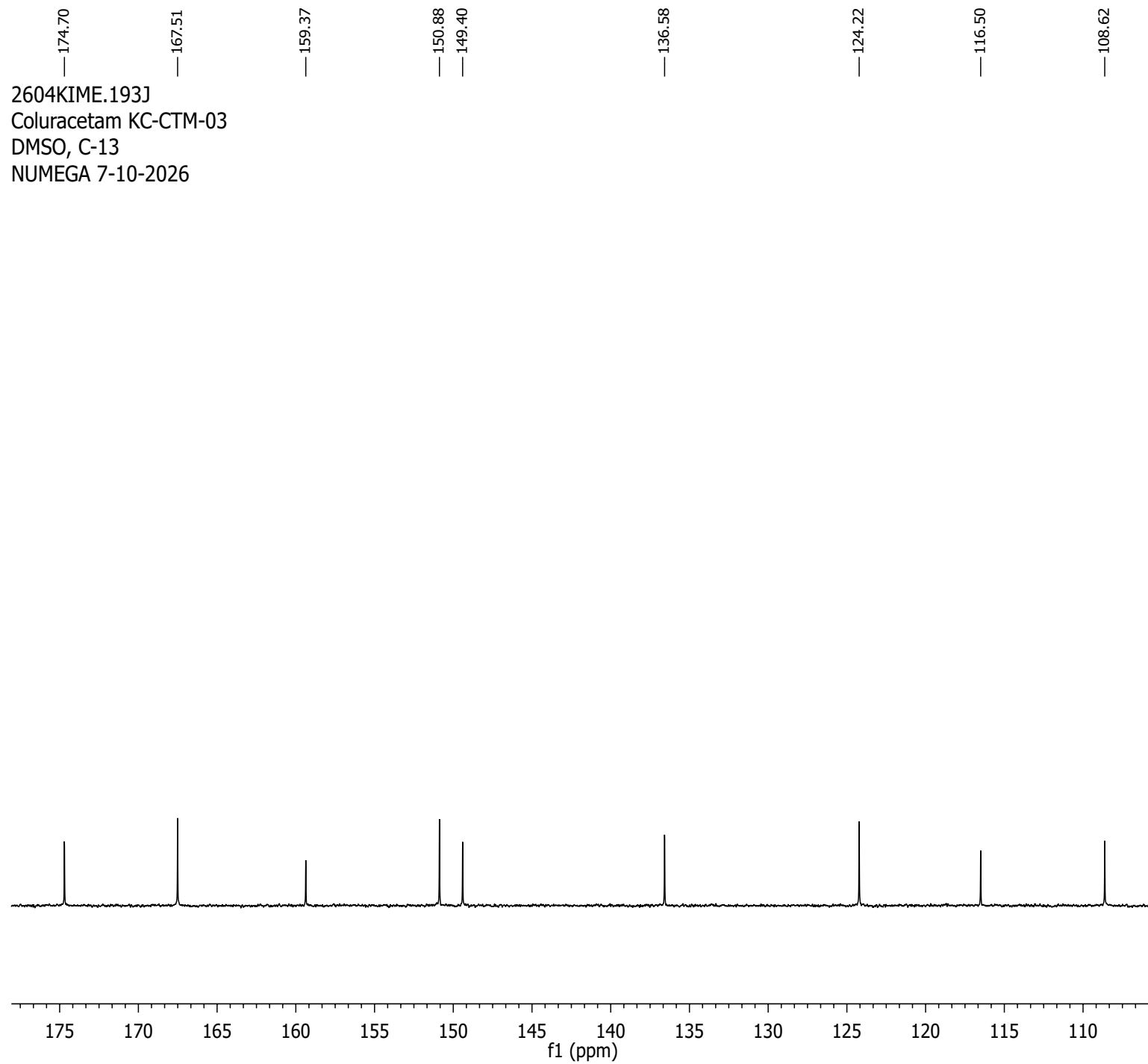


2604KIME.193D
Coluracetam KC-CTM-03
DMSO, H-1
NUMEGA 7-10-2026

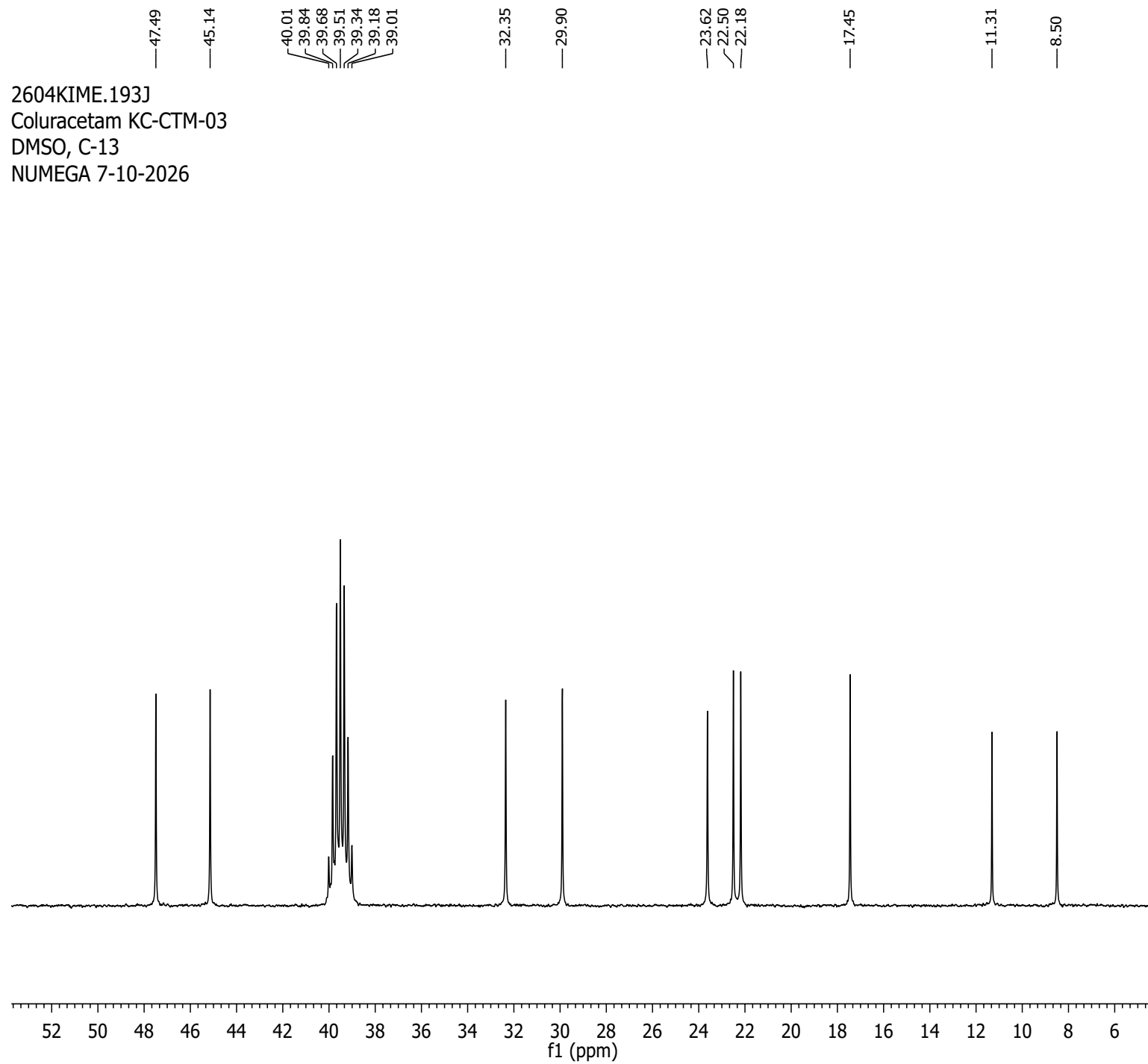


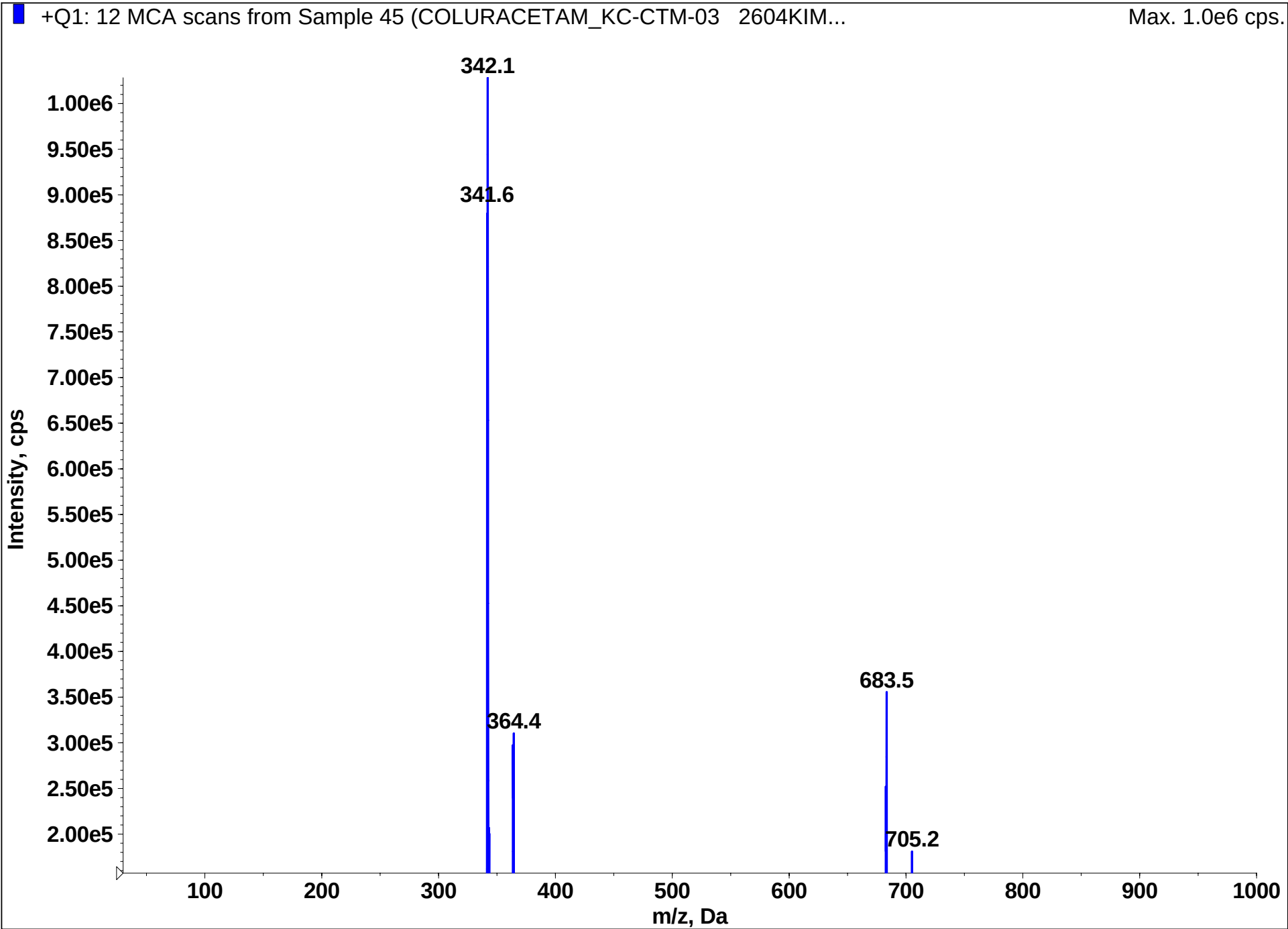
2604KIME.193J
Coluracetam KC-CTM-03
DMSO, C-13
NUMEGA 7-10-2026





2604KIME.193J
Coluracetam KC-CTM-03
DMSO, C-13
NUMEGA 7-10-2026





NuMega Resonance Labs
Sample Name: COLURACETAM_KC-CTM-03 2604KIME.193D
Acq. Date: Friday, July 10, 2026

Polarity/Scan Type: Negative Q1 MS

