

July 10, 2026

NuMega Reference #
 2604KIME.193O

Company: Kimera Chem

Quantitative Analysis Report

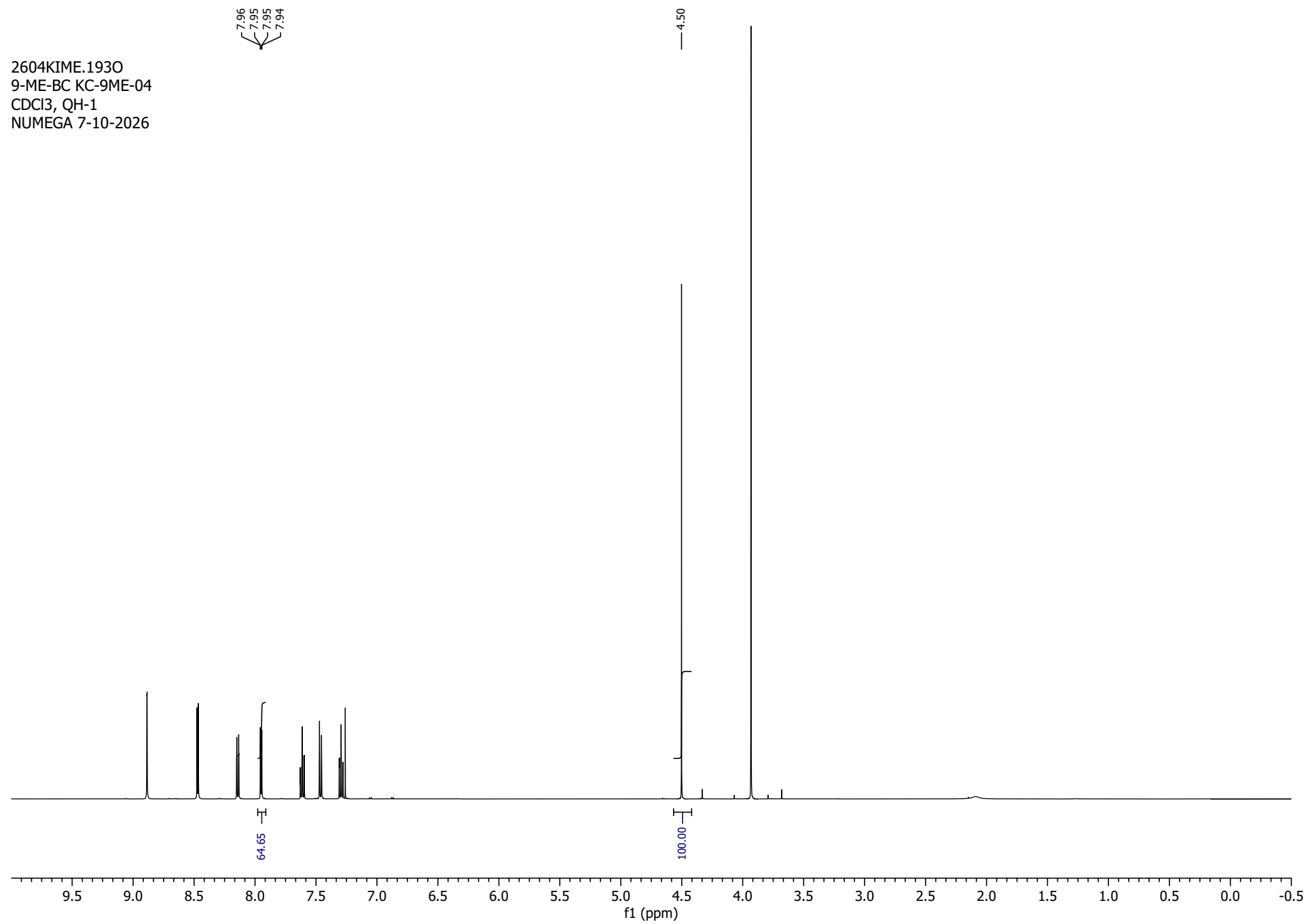
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	9-ME-BC KC-9ME-04
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	1.915
Weight of Sample (wt _{sa})	10.701
Assumed Sample Molecular Weight (MW _{sa})	182.22
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	64.65
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 %	95.5

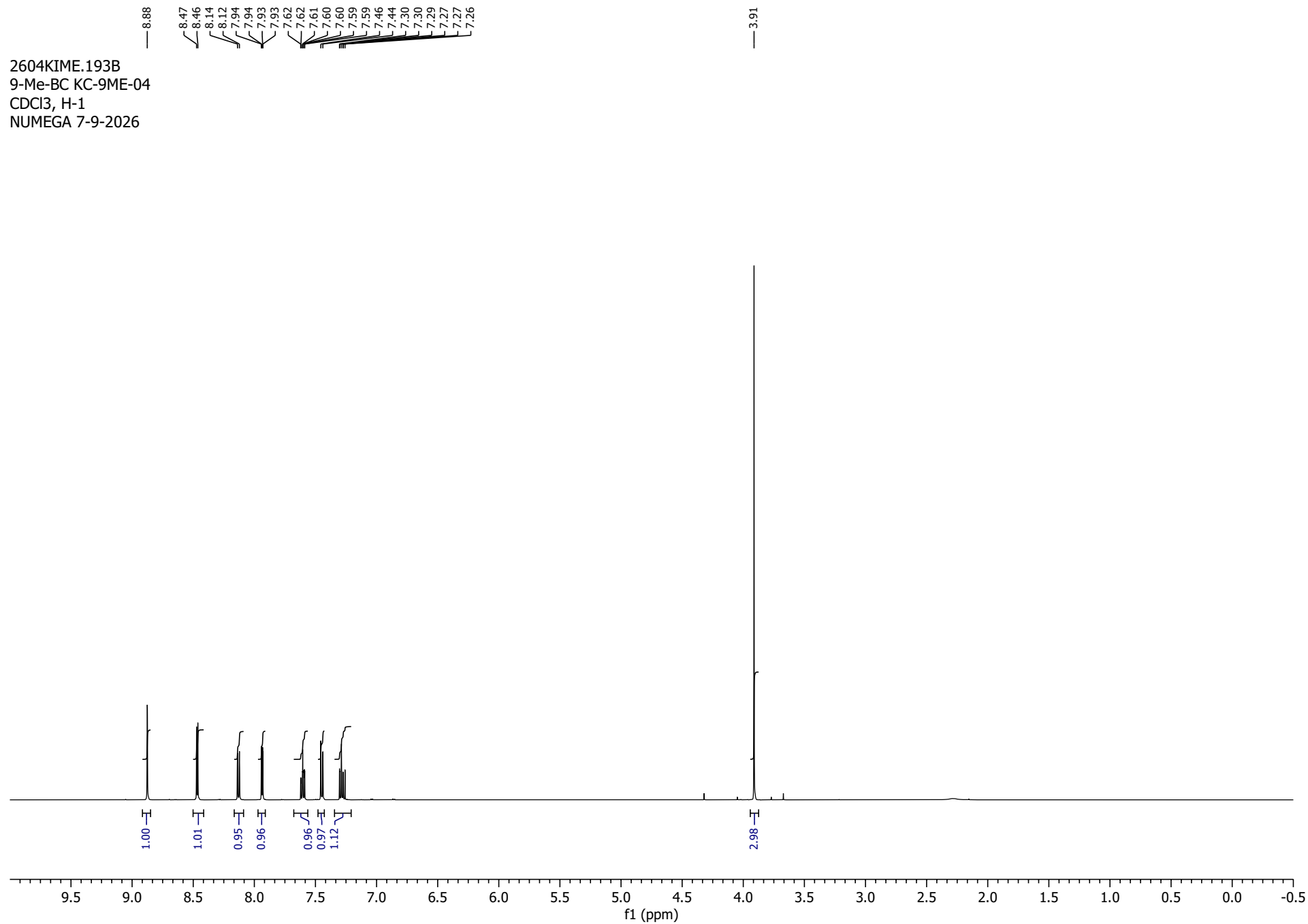
Formula Used for Calculation:

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

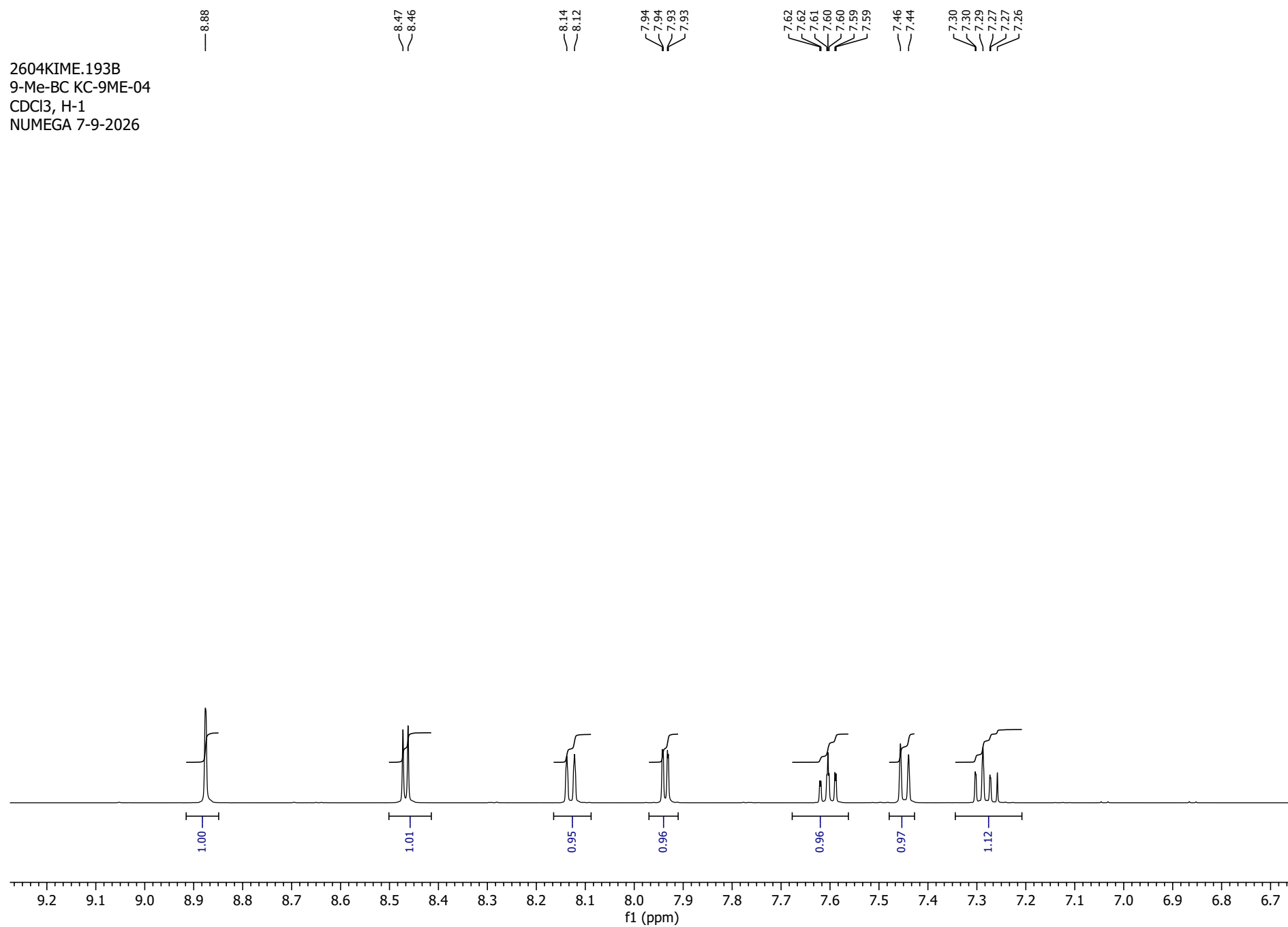
2604KIME.193O
9-ME-BC KC-9ME-04
CDCl₃, QH-1
NUMEGA 7-10-2026



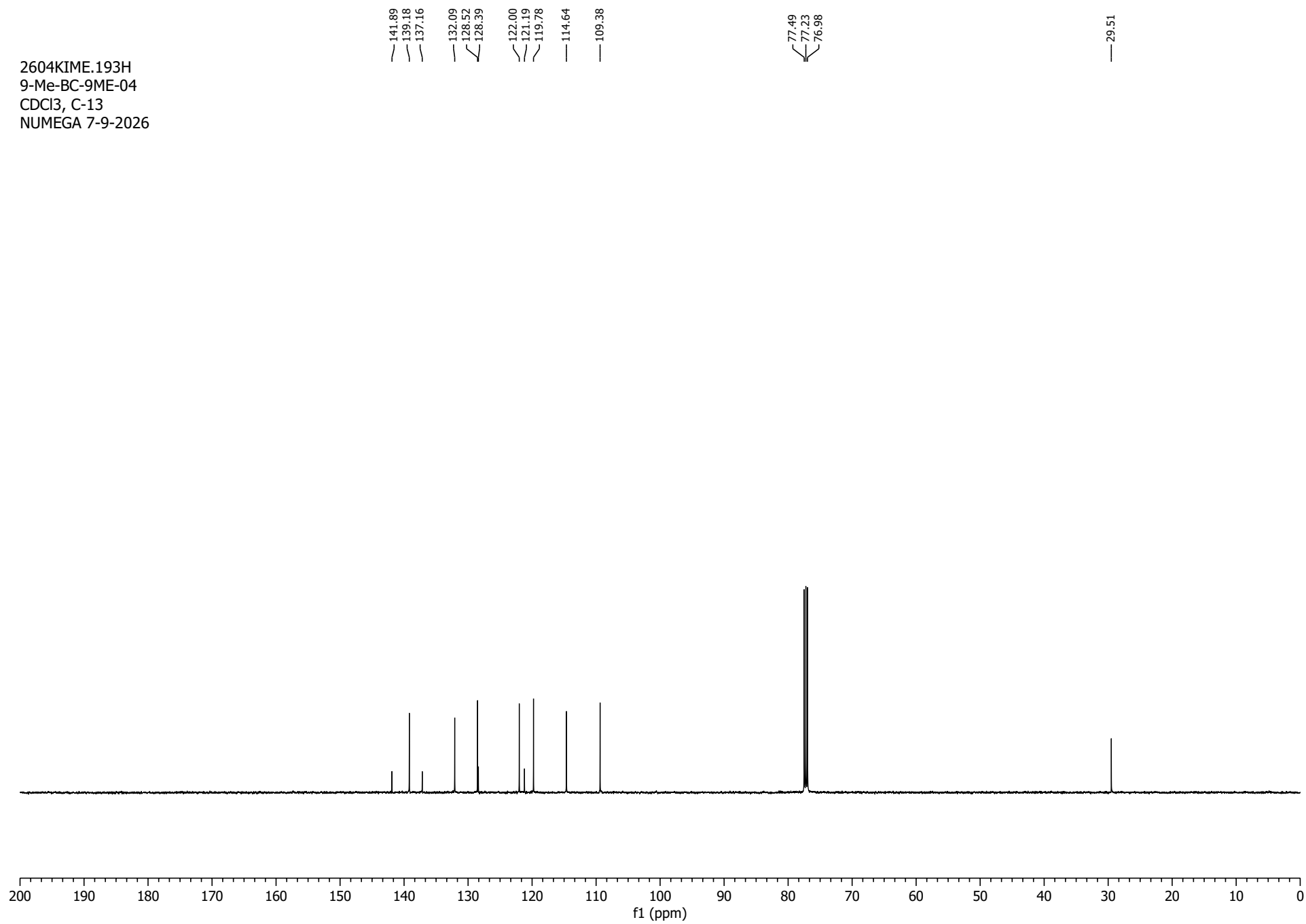
2604KIME.193B
9-Me-BC KC-9ME-04
CDCl₃, H-1
NUMEGA 7-9-2026



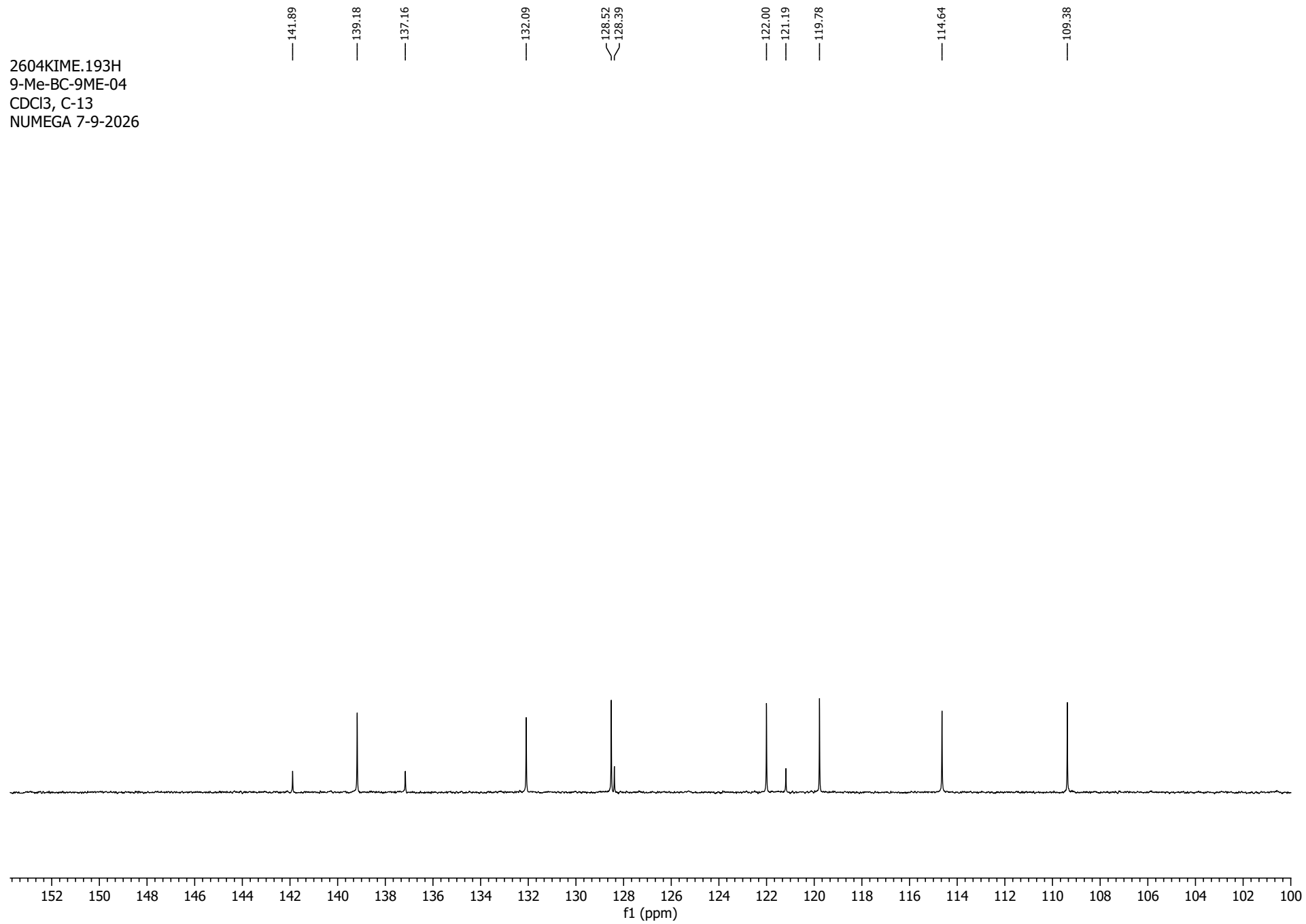
2604KIME.193B
9-Me-BC KC-9ME-04
CDCl₃, H-1
NUMEGA 7-9-2026



2604KIME.193H
9-Me-BC-9ME-04
CDCl₃, C-13
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2604KIME.193H
9-Me-BC-9ME-04
CDCl₃, C-13
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2604KIME.193H
9-Me-BC-9ME-04
CDCl₃, C-13
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77.49
77.23
76.98

29.51

