

August 24, 2026

Company: Kimera Chem

NuMega Reference #
2605KIME.065I

Quantitative Analysis Report

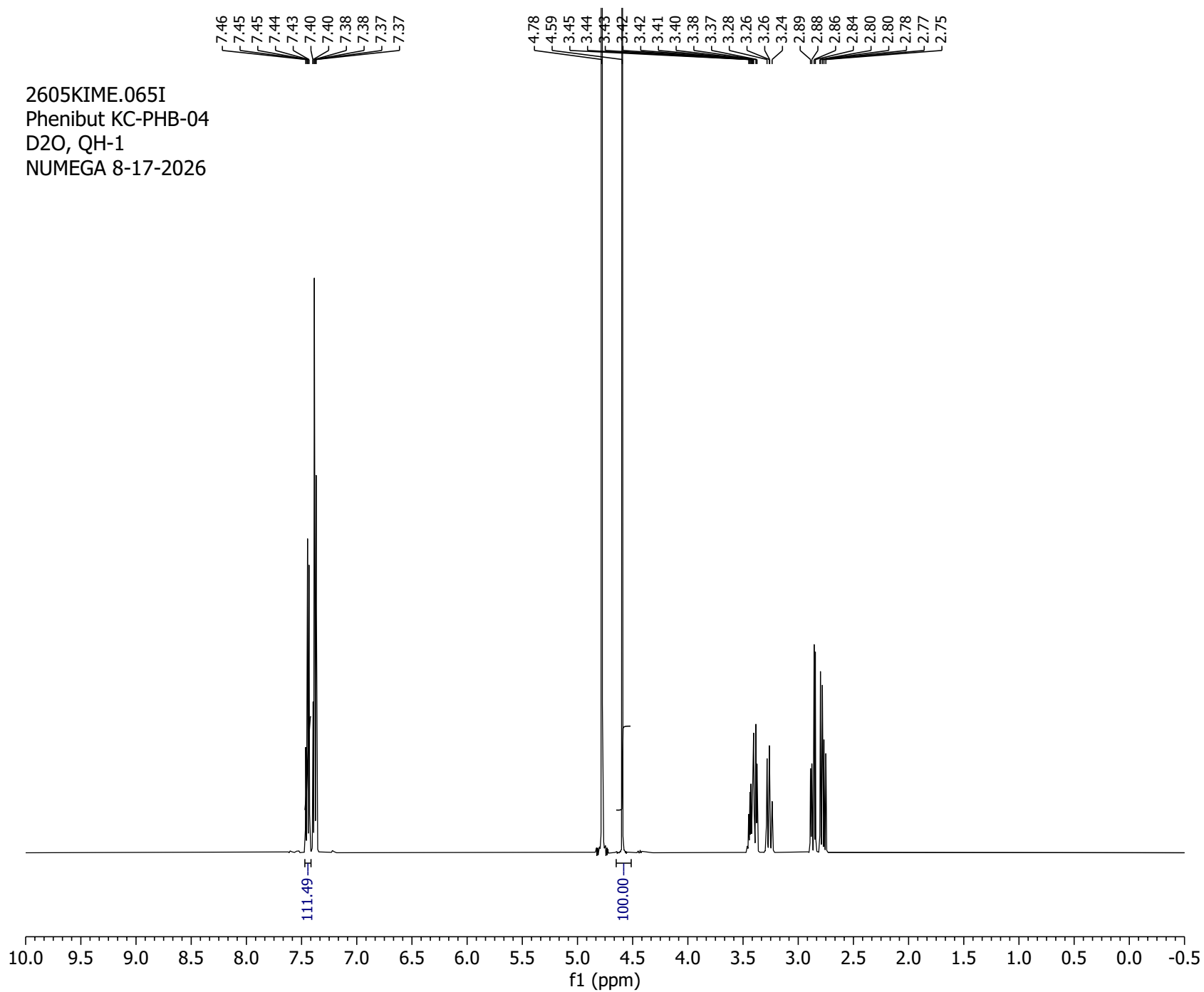
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Phenibut KC-PHB-04
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	1.770
Weight of Sample (wt _{sa})	9.714
Assumed Sample Molecular Weight (MW _{sa})	215.677
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	111.49
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 %	99.2

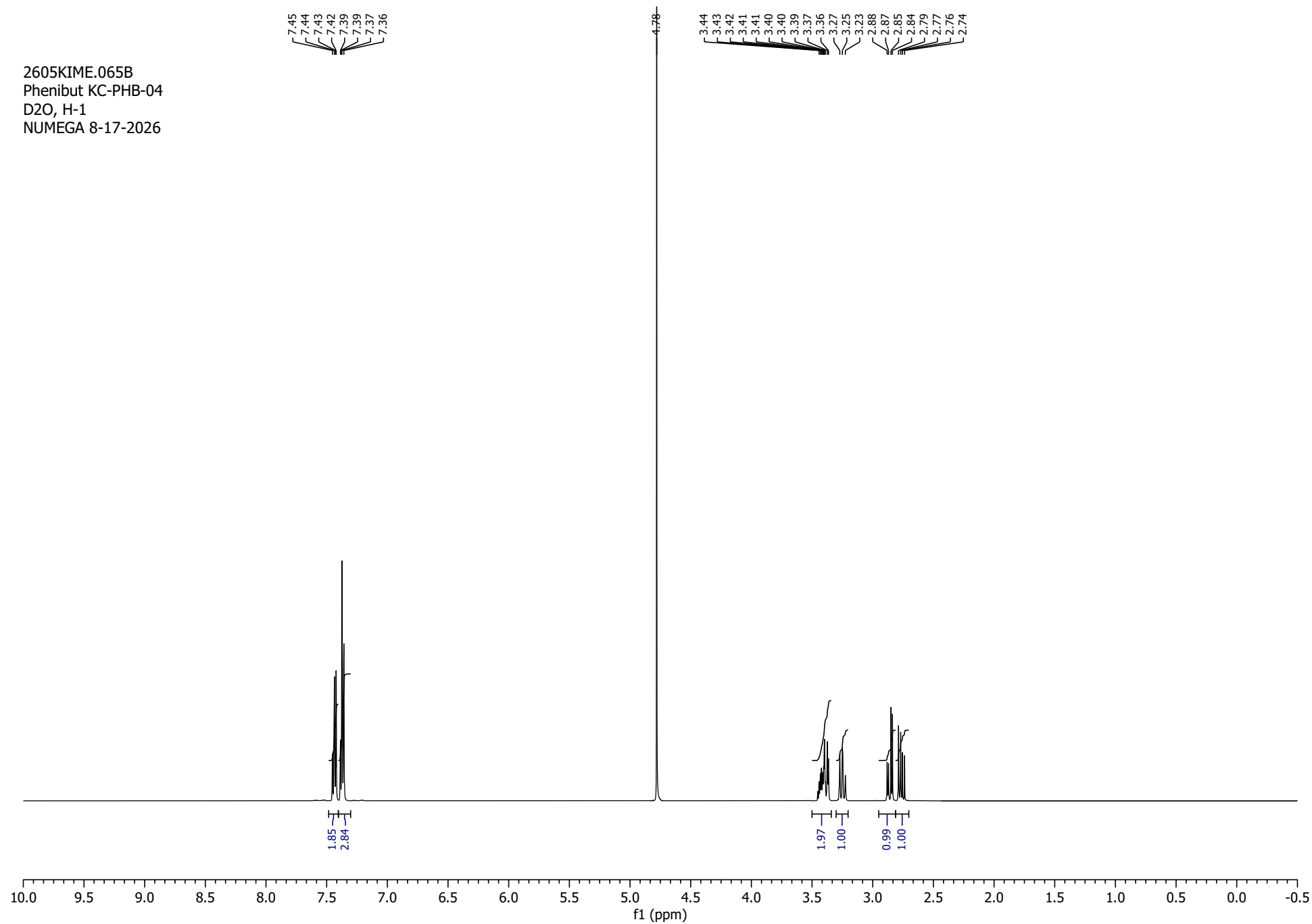
Formula Used for Calculation:

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

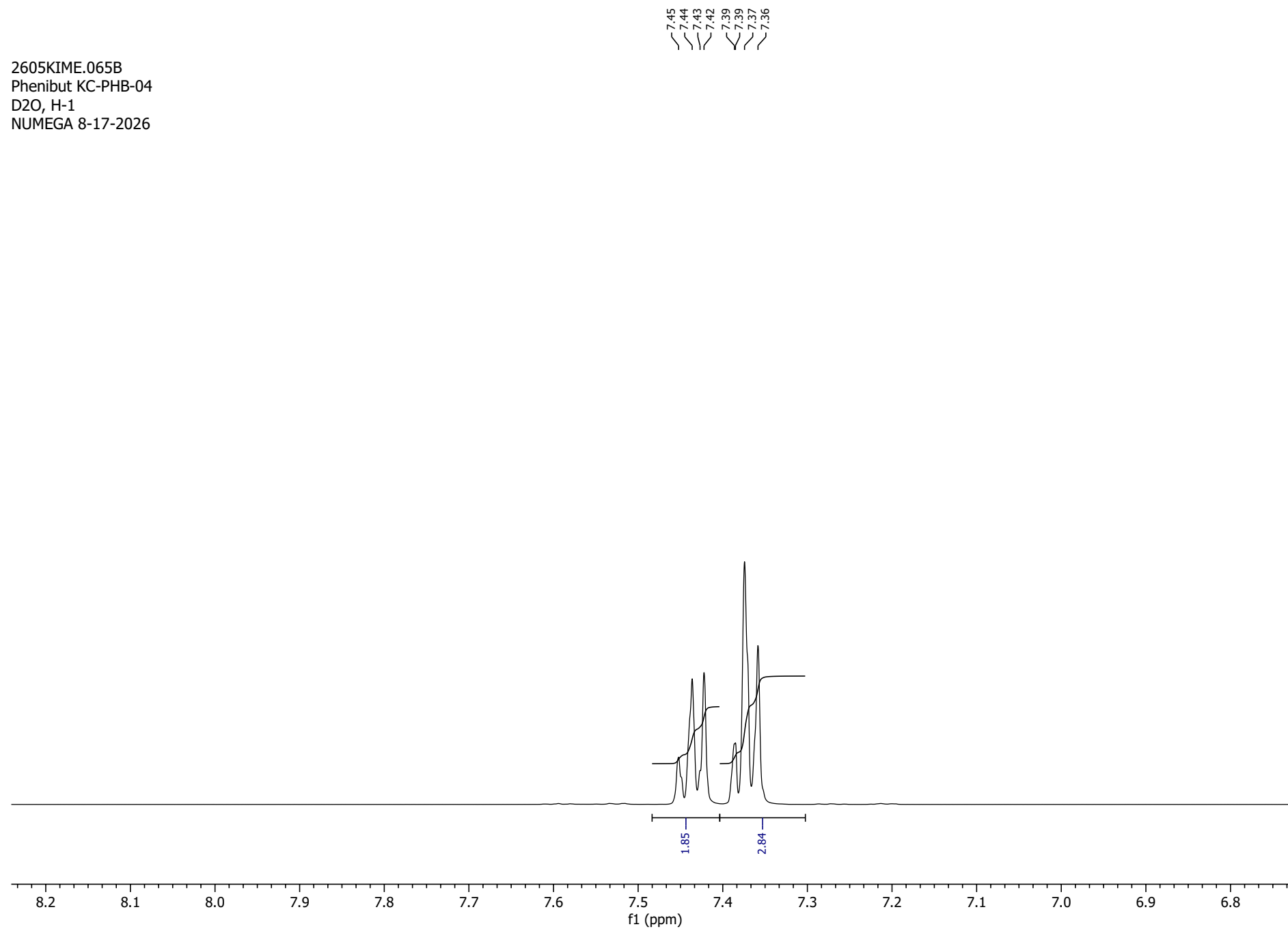
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Phenibut KC-PHB-04
D2O, QH-1
NUMEGA 8-17-2026



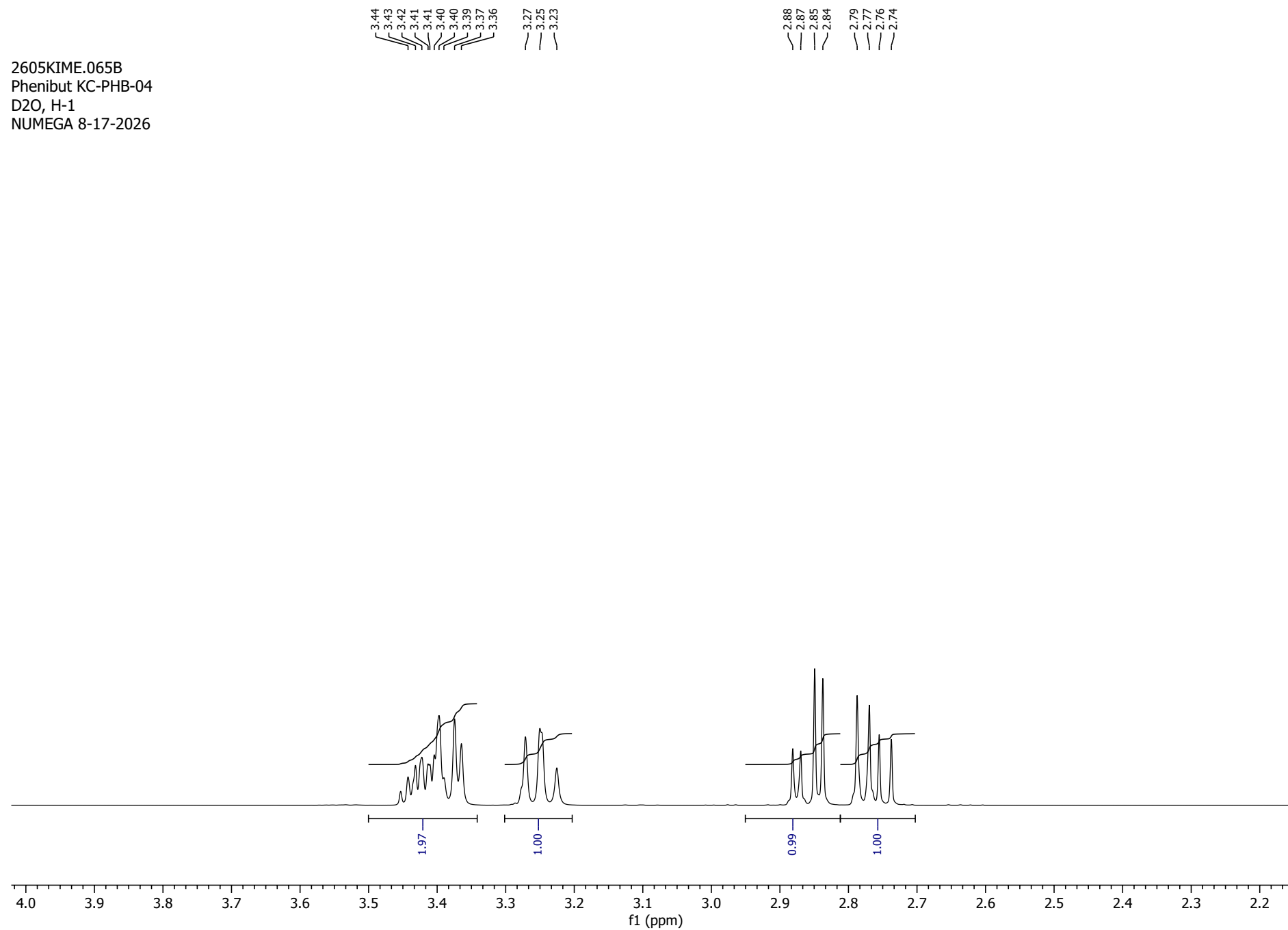
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Phenibut KC-PHB-04
D2O, H-1
NUMEGA 8-17-2026



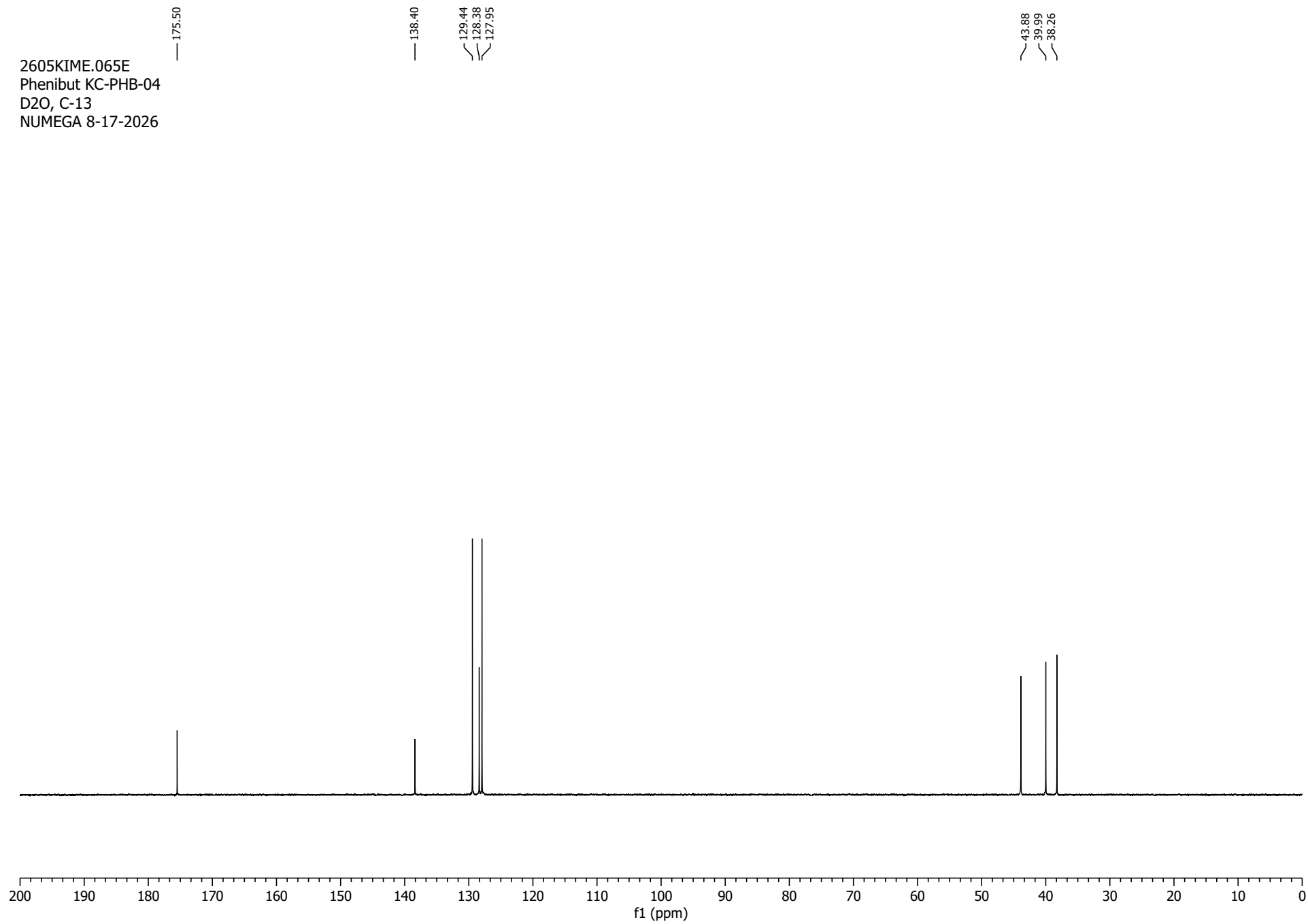
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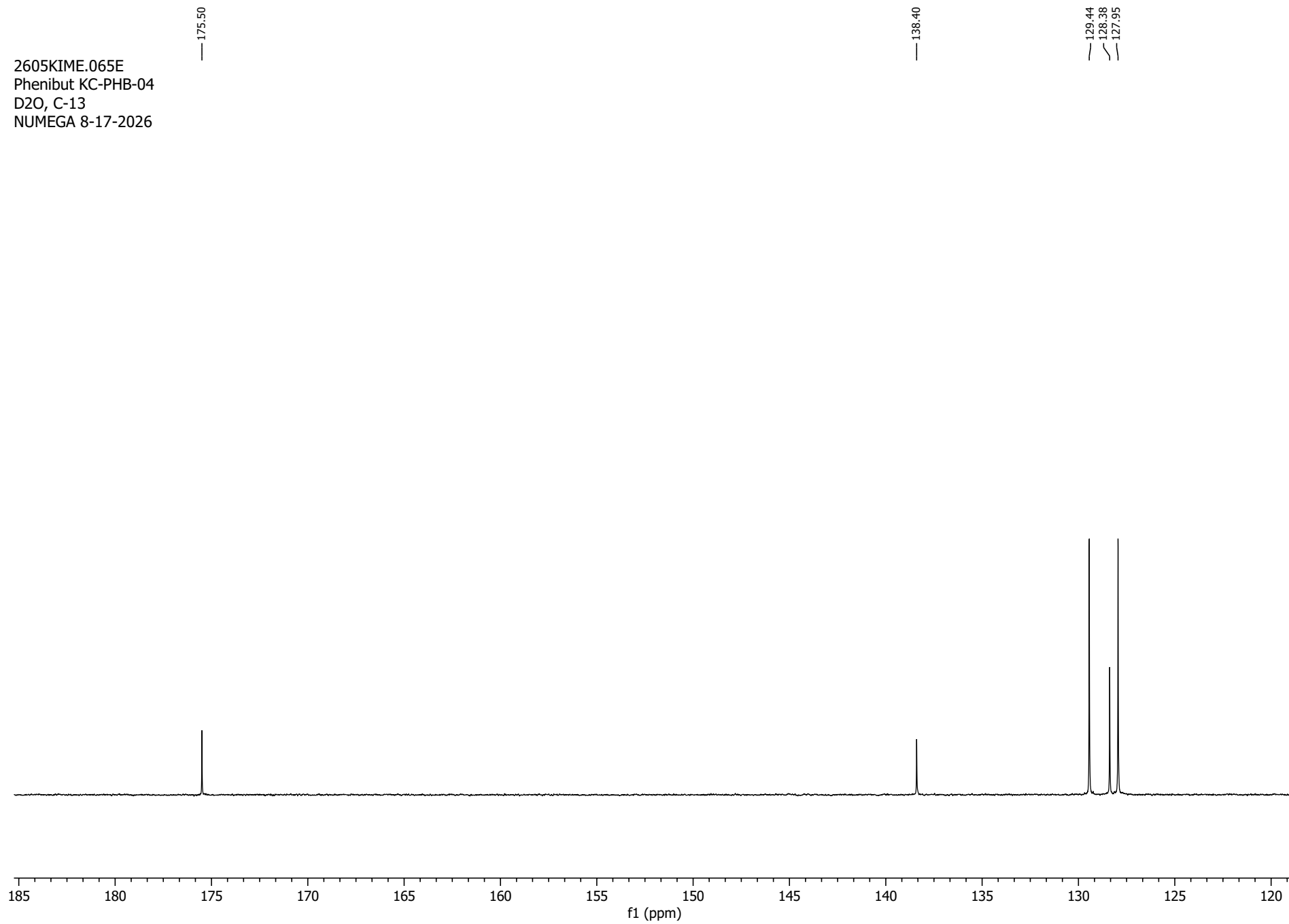
2605KIME.065B
Phenibut KC-PHB-04
D2O, H-1
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2605KIME.065E
Phenibut KC-PHB-04
D2O, C-13
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2605KIME.065E
Phenibut KC-PHB-04
D2O, C-13
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