

July 10, 2026

**NuMega Reference #**  
**2604KIME.087O**

Company: Kimera Chem

## Quantitative Analysis Report

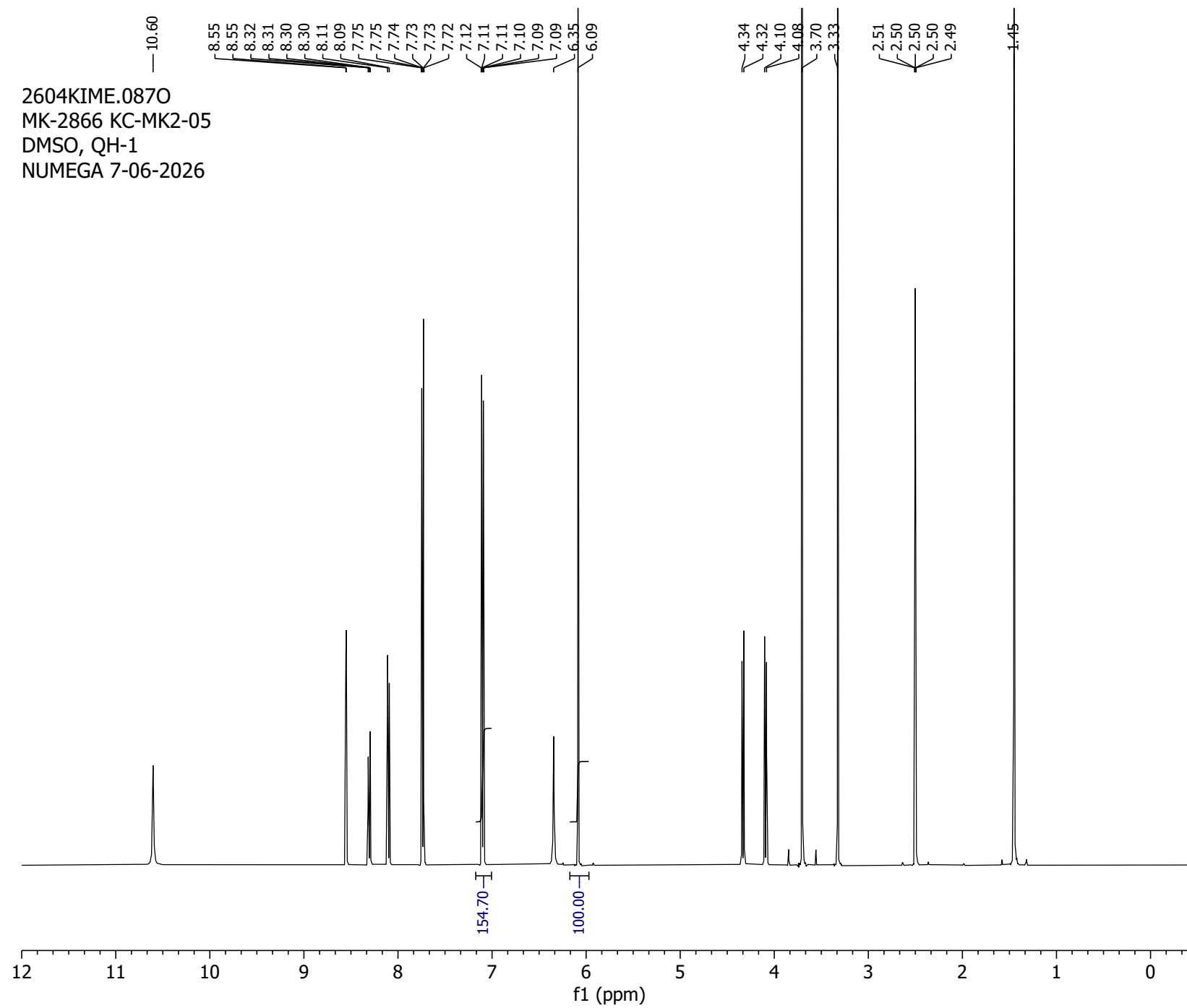
Bruker 500 MHz, AVII-500 and AV-500

|                                                       |                         |
|-------------------------------------------------------|-------------------------|
| Sample ID                                             | MK-2866 KC-MK2-05       |
| Standard                                              | 1,3,5-trimethoxybenzene |
| Weight of Standard (wt <sub>st</sub> )                | 1.921                   |
| Weight of Sample (wt <sub>sa</sub> )                  | 10.317                  |
| Assumed Sample Molecular Weight (MW <sub>sa</sub> )   | 389.33                  |
| Standard Molecular Weight (MW <sub>st</sub> )         | 168.19                  |
| Integration of Sample (I <sub>sa</sub> )              | 154.7                   |
| Integration of Standard (I <sub>st</sub> )            | 100                     |
| # of Equivalent Nuclei in Standard (n <sub>st</sub> ) | 3                       |
| # of Equivalent Nuclei in Sample (n <sub>sa</sub> )   | 2                       |
| Assigned Purity of Standard % (P)                     | 99.83                   |
| Purity %                                              | 99.8                    |

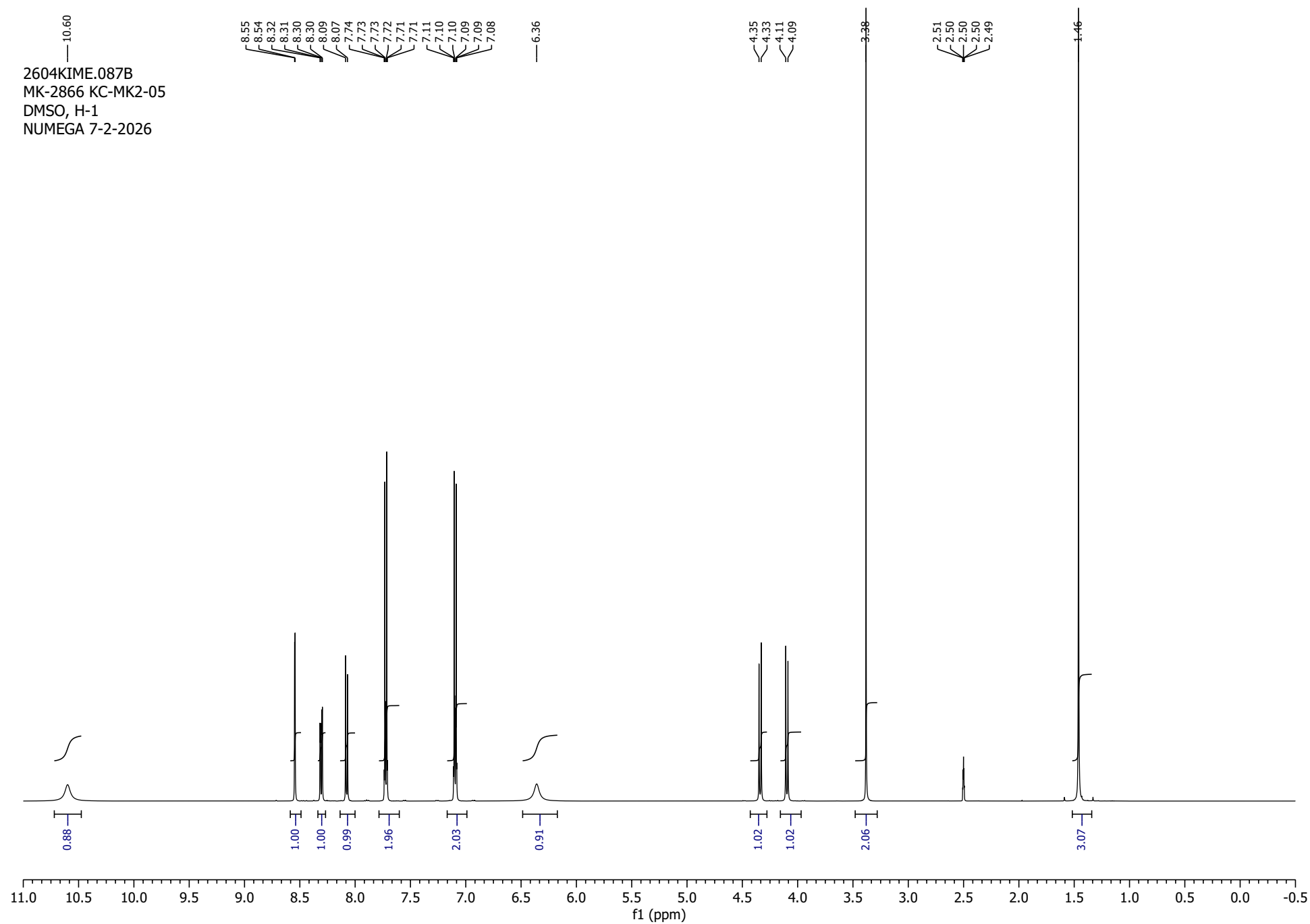
Formula Used for Calculation:

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

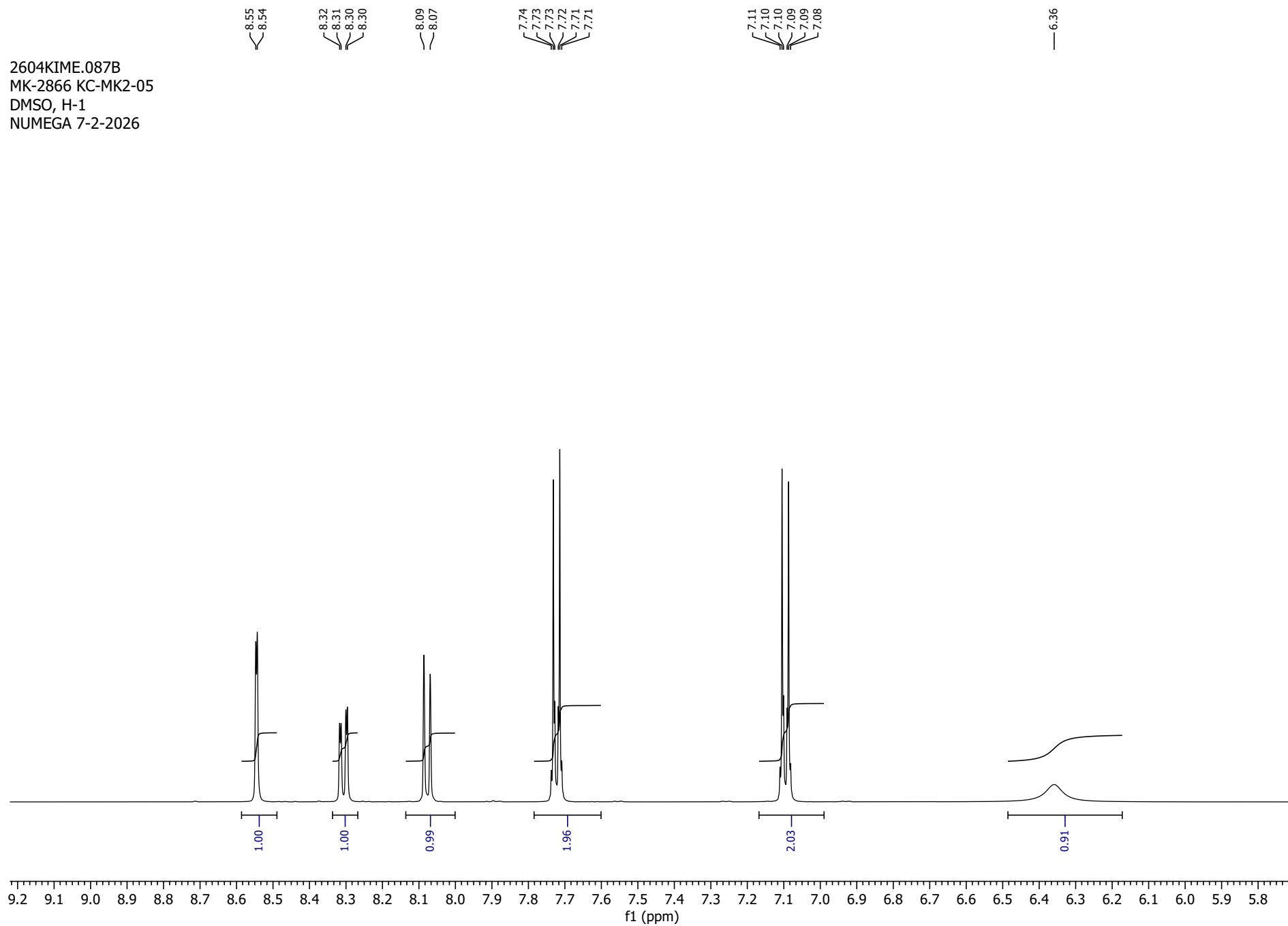
2604KIME.087O  
MK-2866 KC-MK2-05  
DMSO, QH-1  
NUMEGA 7-06-2026



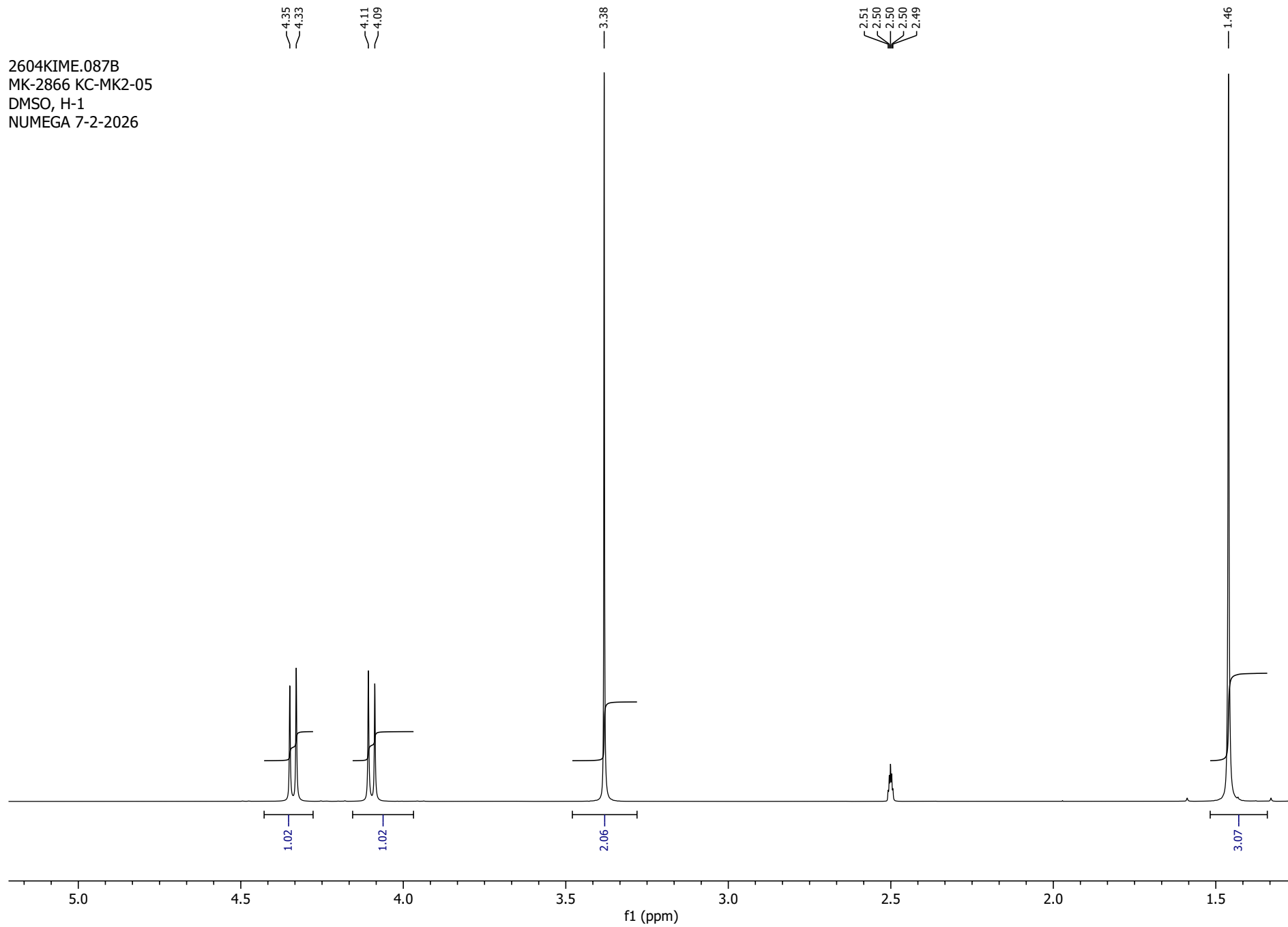
2604KIME.087B  
MK-2866 KC-MK2-05  
DMSO, H-1  
NUMEGA 7-2-2026



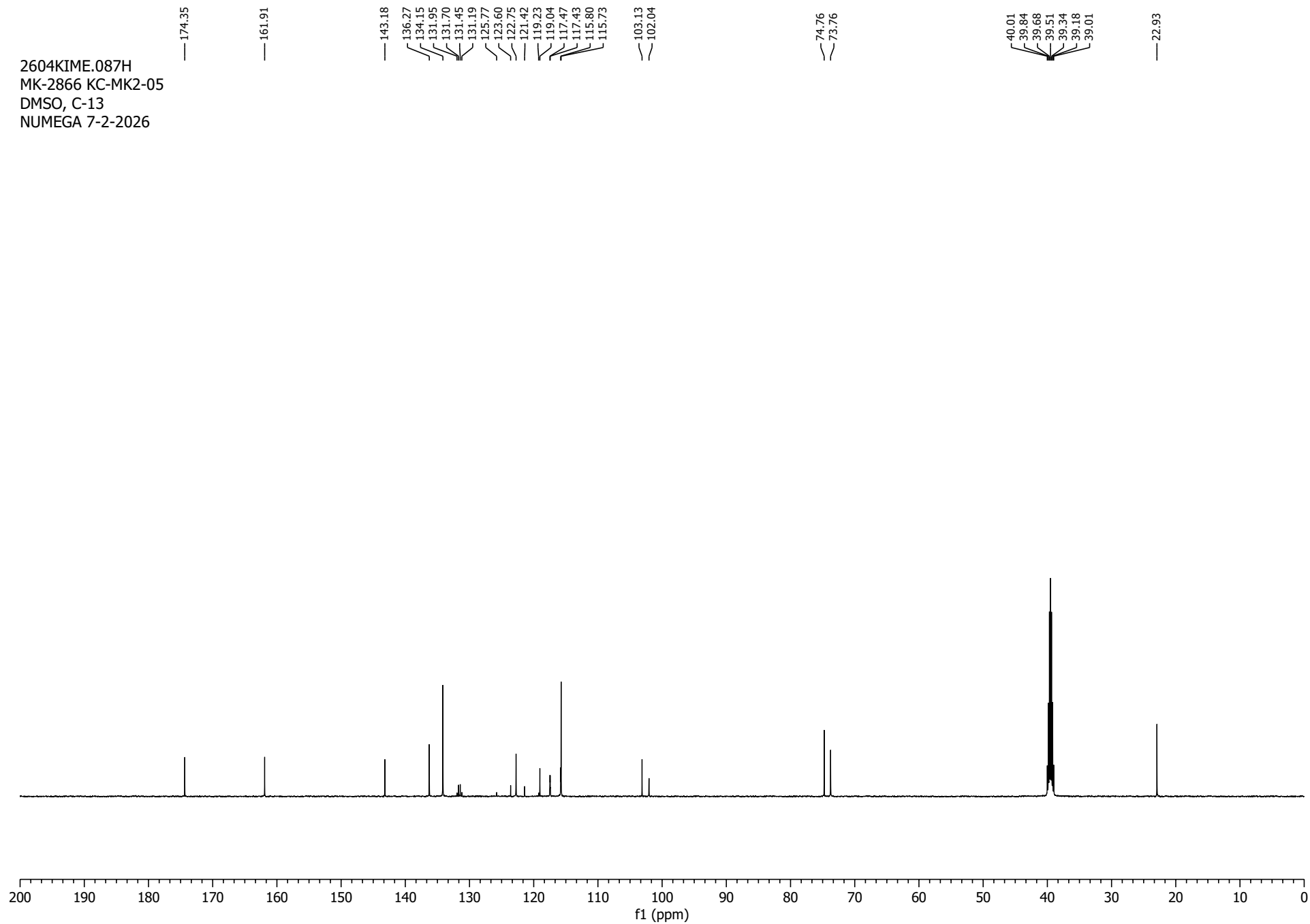
2604KIME.087B  
MK-2866 KC-MK2-05  
DMSO, H-1  
NUMEGA 7-2-2026



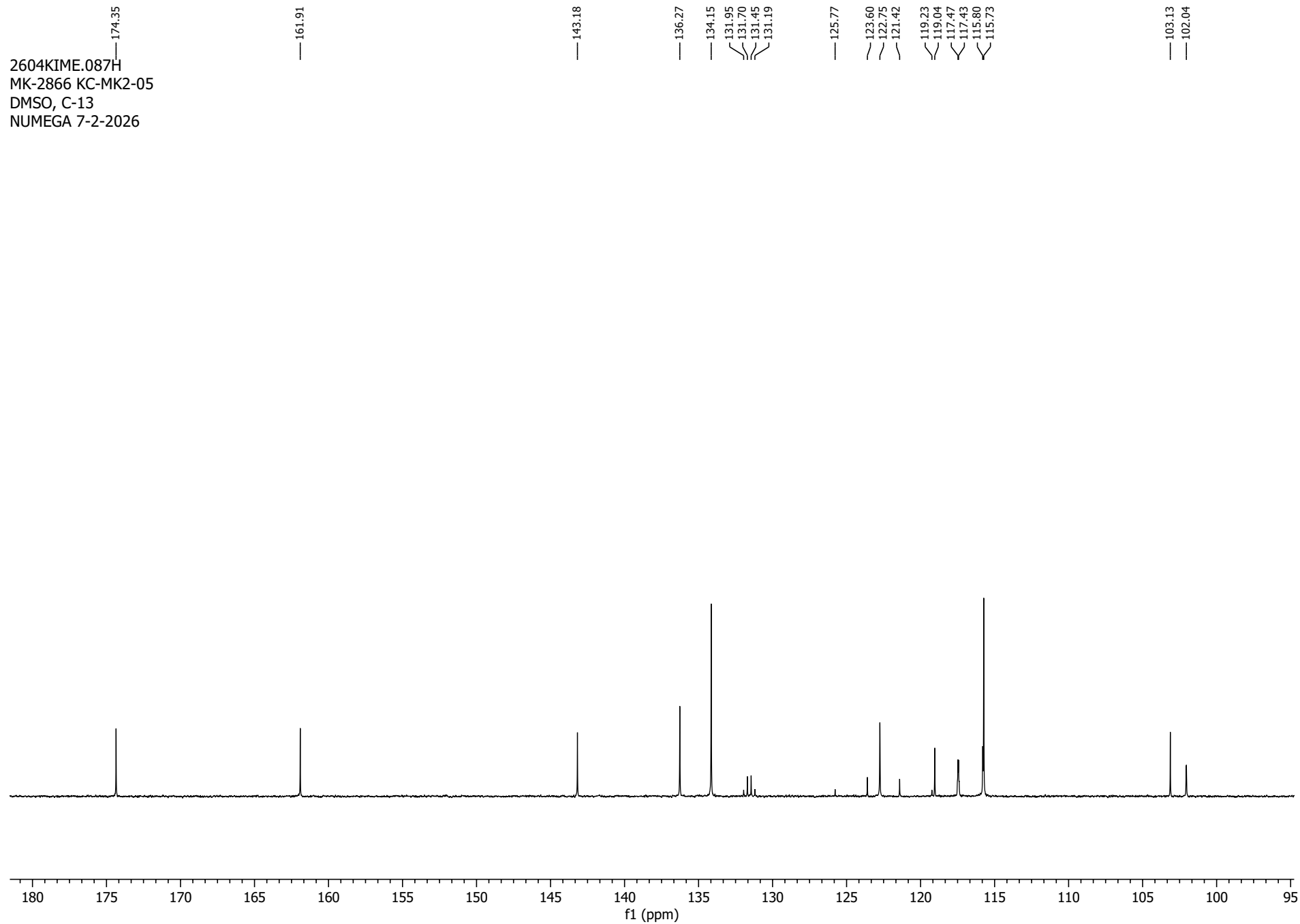
2604KIME.087B  
MK-2866 KC-MK2-05  
DMSO, H-1  
NUMEGA 7-2-2026



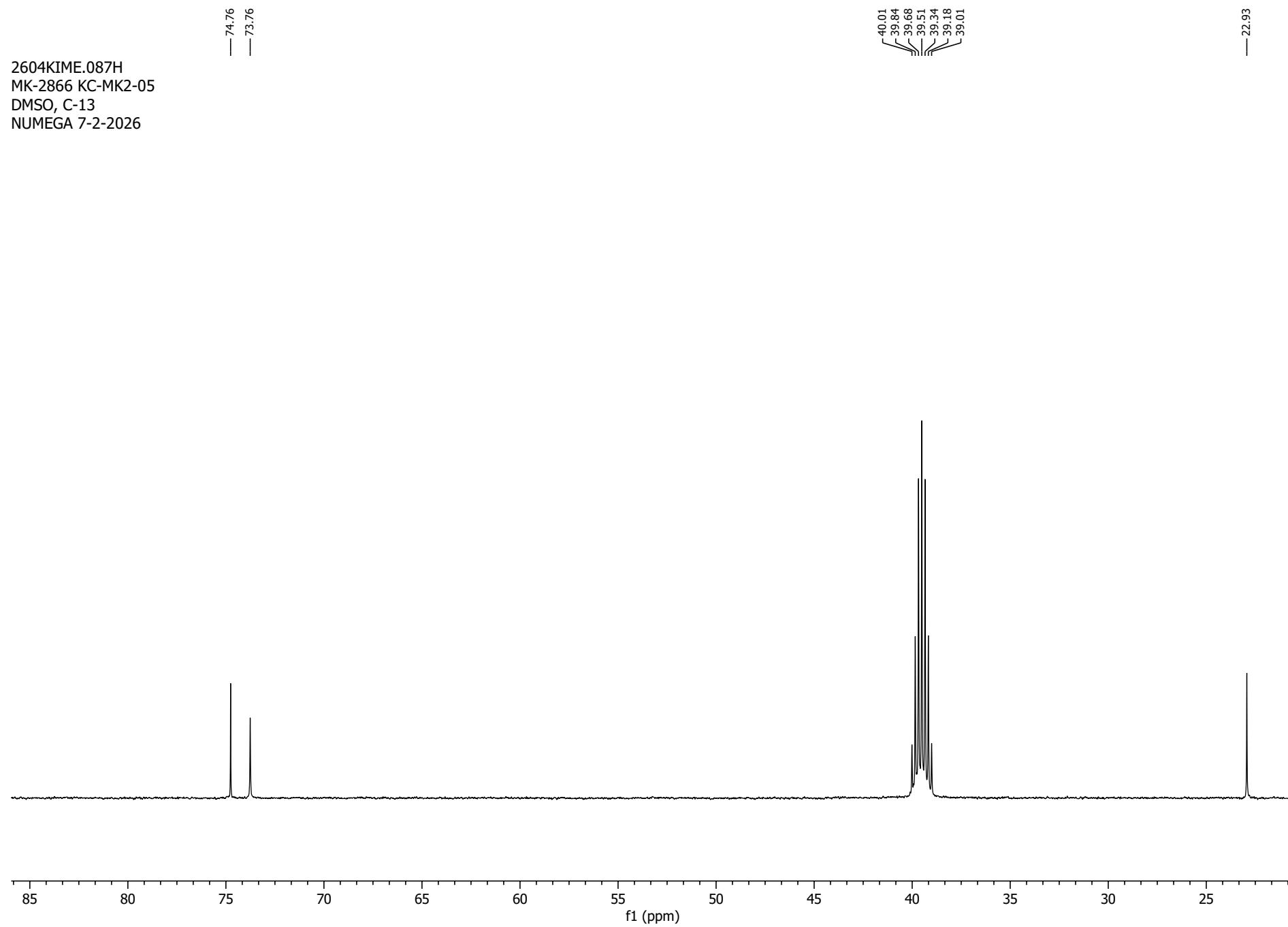
2604KIME.087H  
MK-2866 KC-MK2-05  
DMSO, C-13  
NUMEGA 7-2-2026



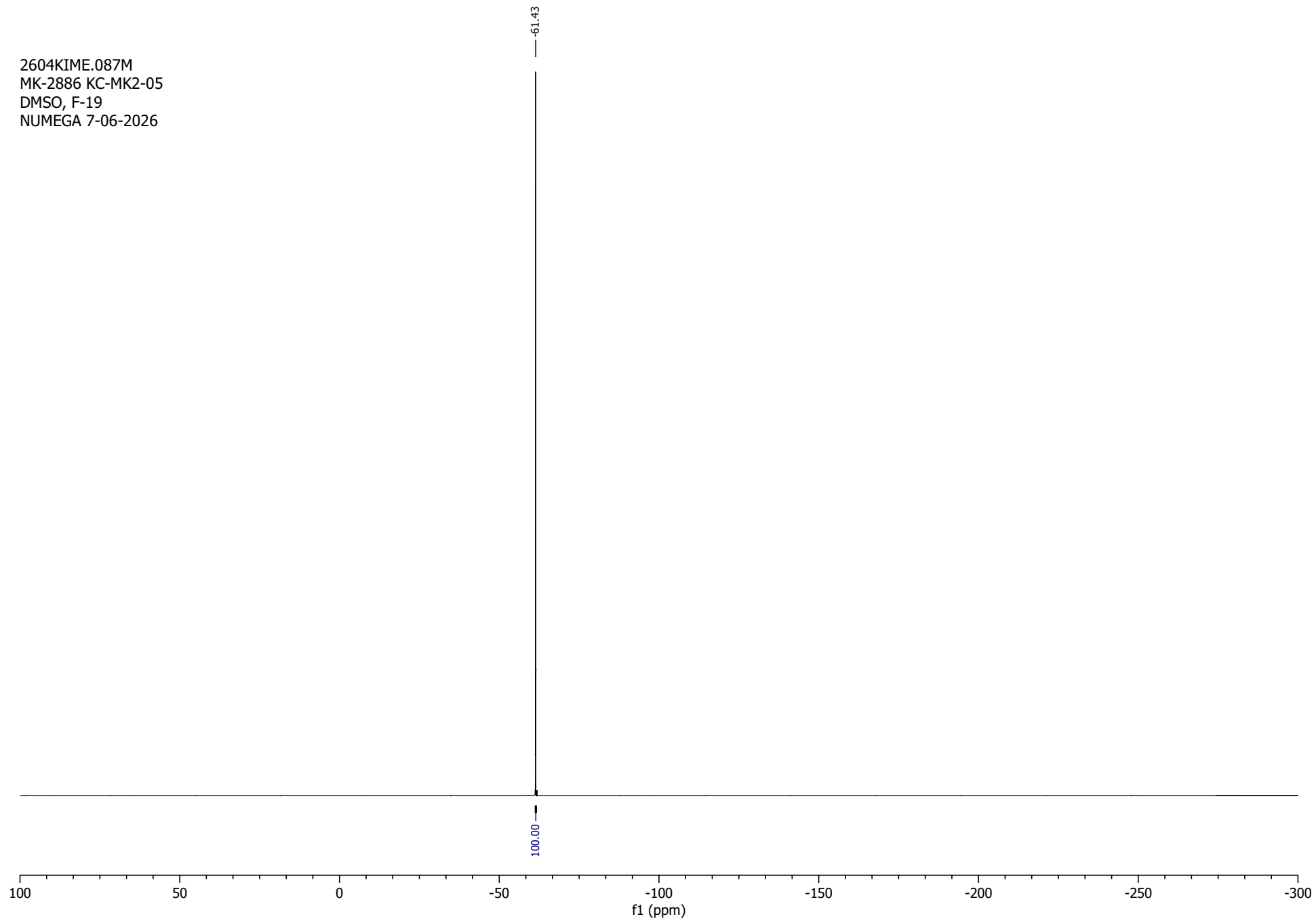
2604KIME.087H  
MK-2866 KC-MK2-05  
DMSO, C-13  
NUMEGA 7-2-2026



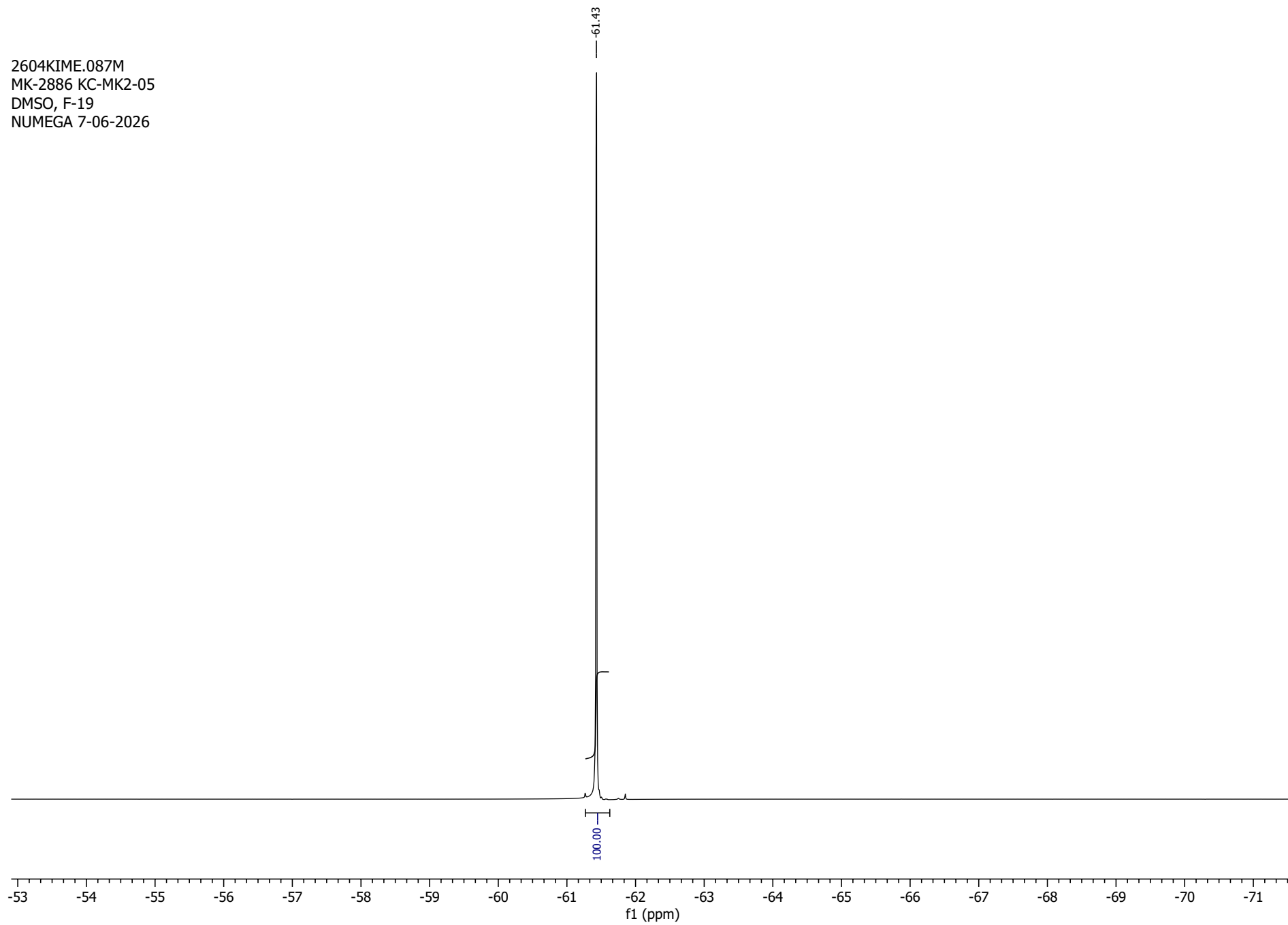
2604KIME.087H  
MK-2866 KC-MK2-05  
DMSO, C-13  
NUMEGA 7-2-2026



2604KIME.087M  
MK-2886 KC-MK2-05  
DMSO, F-19  
NUMEGA 7-06-2026



2604KIME.087M  
MK-2886 KC-MK2-05  
DMSO, F-19  
NUMEGA 7-06-2026



NuMega Resonance Labs  
Sample Name: MK-2866\_KC-MK2-05 2604KIME.087B  
Acq. Date: Thursday, July 02, 2026

Polarity/Scan Type: Positive Q1 MS

