

July 10, 2026

Company: Kimera Chem

**NuMega Reference #**  
 2604KIME.193P

## Quantitative Analysis Report

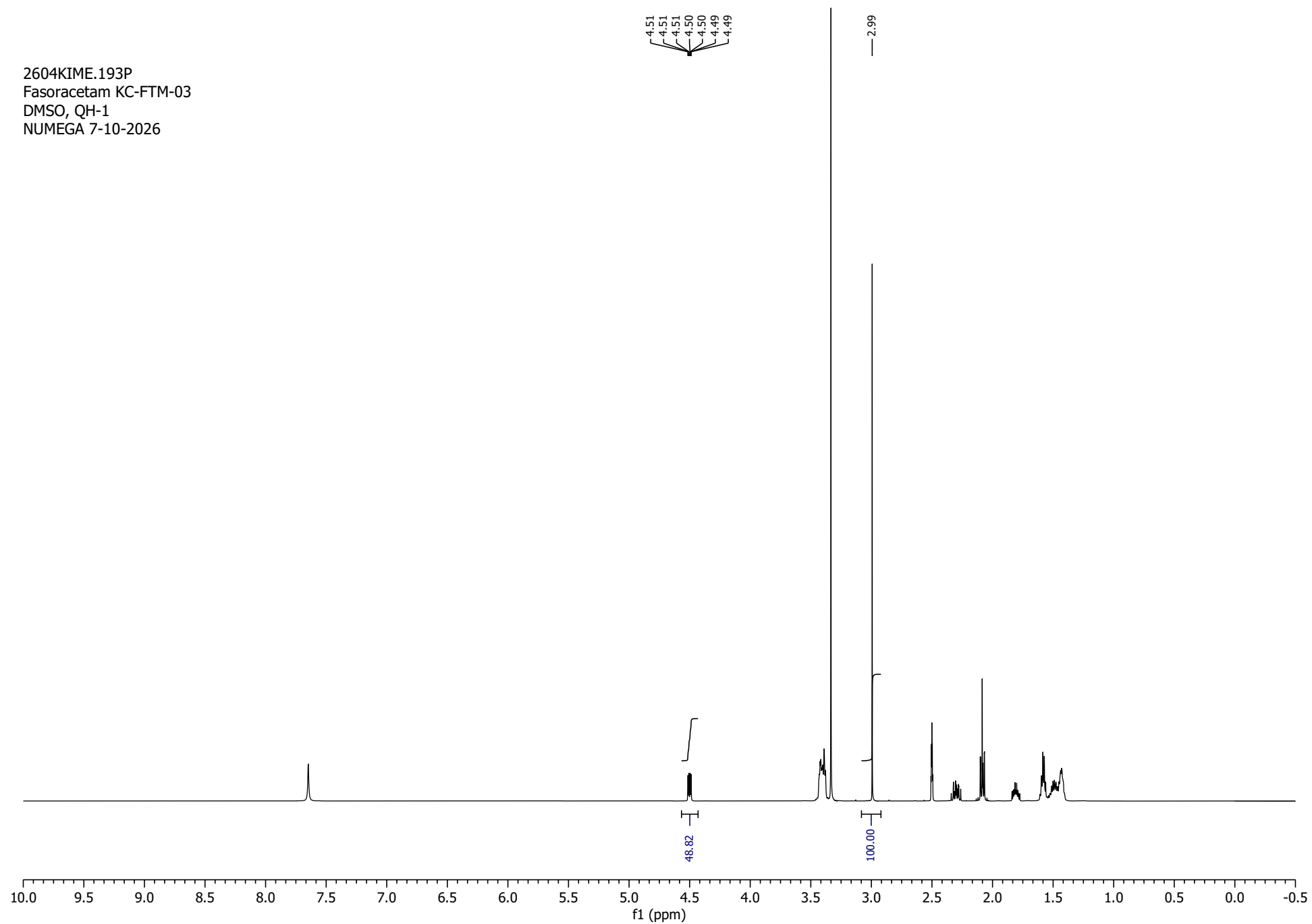
Bruker 500 MHz, AVII-500 and AV-500

|                                                       |                       |
|-------------------------------------------------------|-----------------------|
| Sample ID                                             | Fasoracetam KC-FTM-03 |
| Standard                                              | Dimethyl sulfone      |
| Weight of Standard (wt <sub>st</sub> )                | 1.565                 |
| Weight of Sample (wt <sub>sa</sub> )                  | 10.544                |
| Assumed Sample Molecular Weight (MW <sub>sa</sub> )   | 196.25                |
| Standard Molecular Weight (MW <sub>st</sub> )         | 94.13                 |
| Integration of Sample (I <sub>sa</sub> )              | 48.82                 |
| Integration of Standard (I <sub>st</sub> )            | 100                   |
| # of Equivalent Nuclei in Standard (n <sub>st</sub> ) | 6                     |
| # of Equivalent Nuclei in Sample (n <sub>sa</sub> )   | 1                     |
| Assigned Purity of Standard % (P)                     | 99.82                 |
| Purity %                                              | 90.5                  |

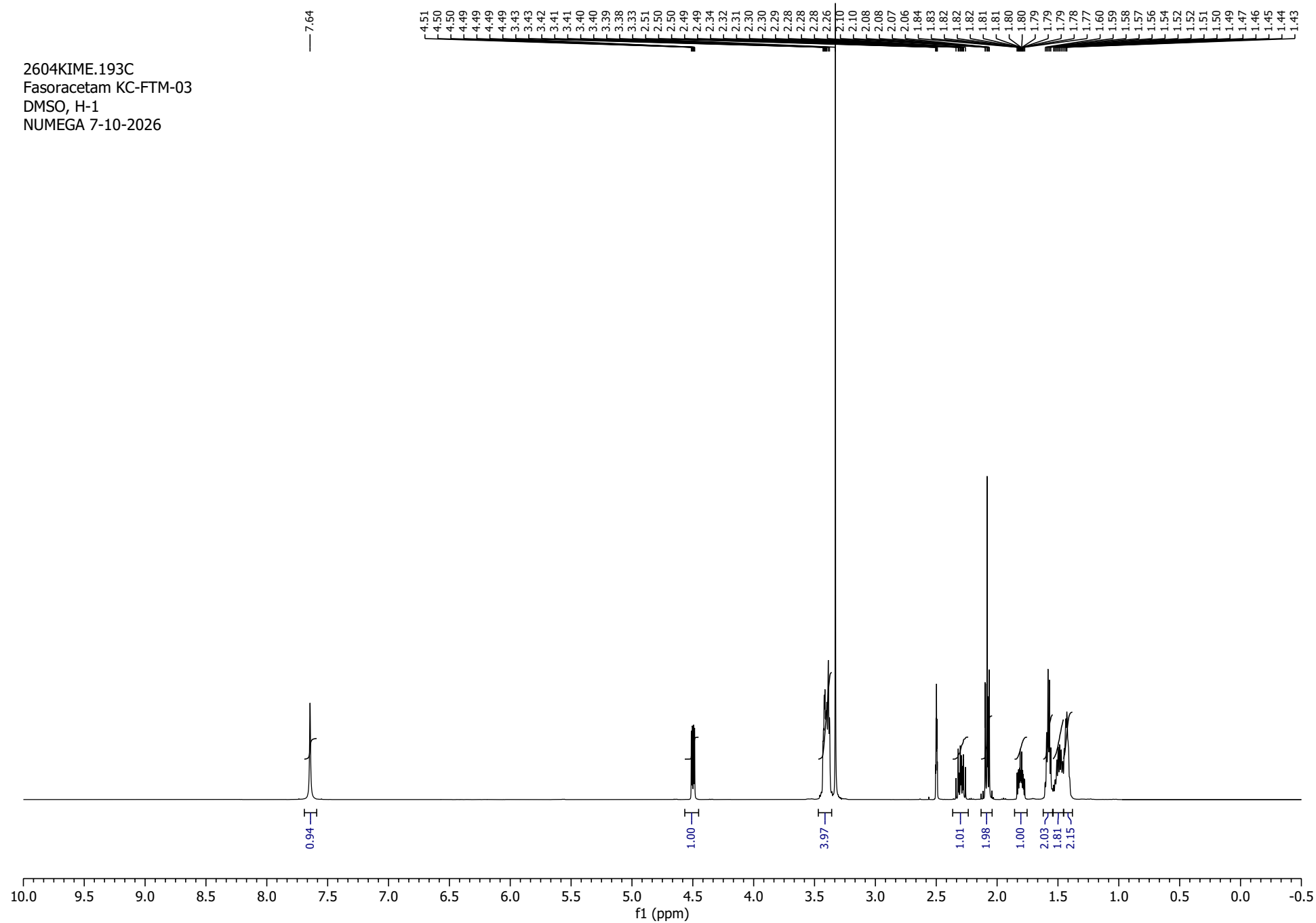
Formula Used for Calculation:

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

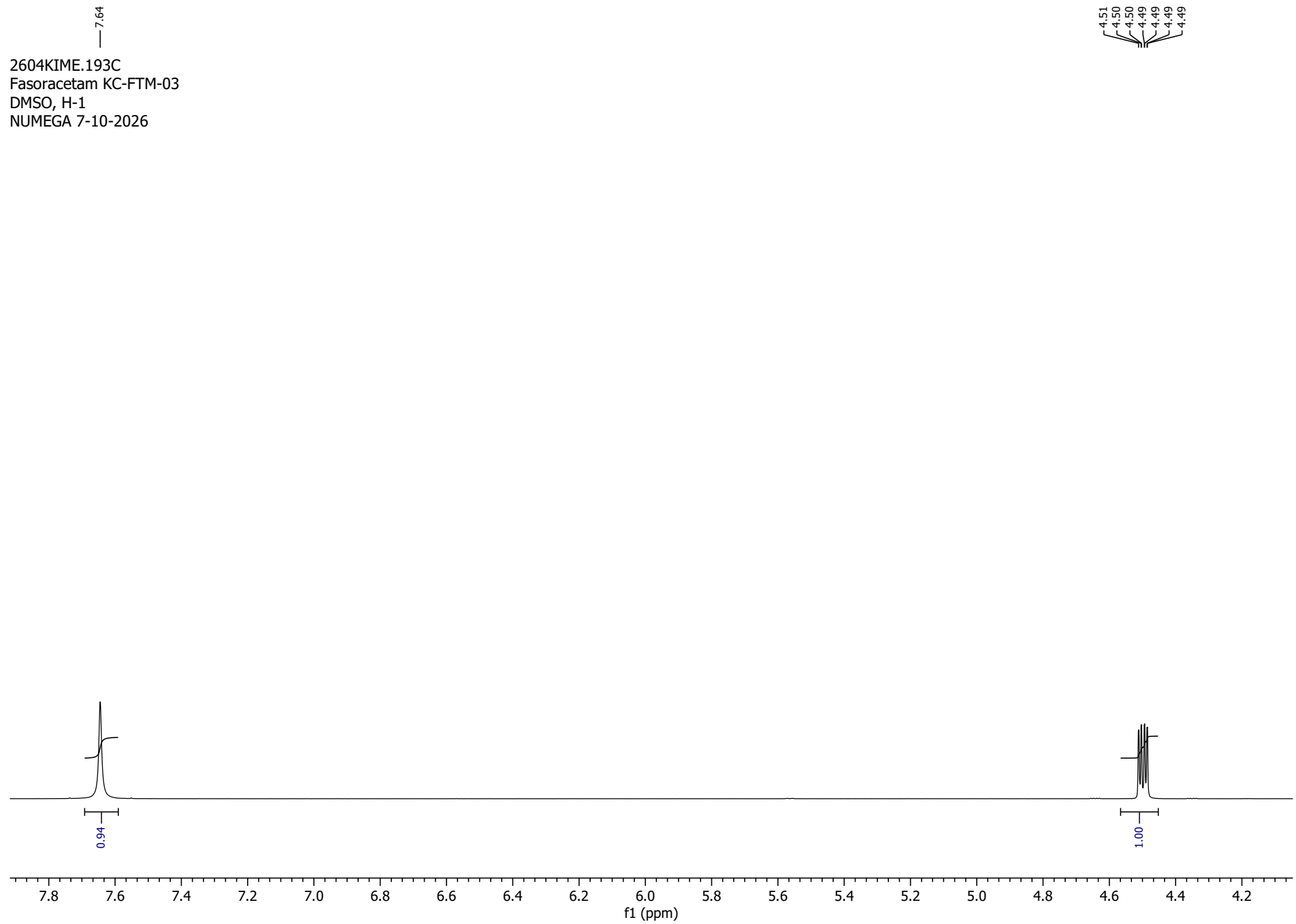
2604KIME.193P  
Fasoracetam KC-FTM-03  
DMSO, QH-1  
NUMEGA 7-10-2026



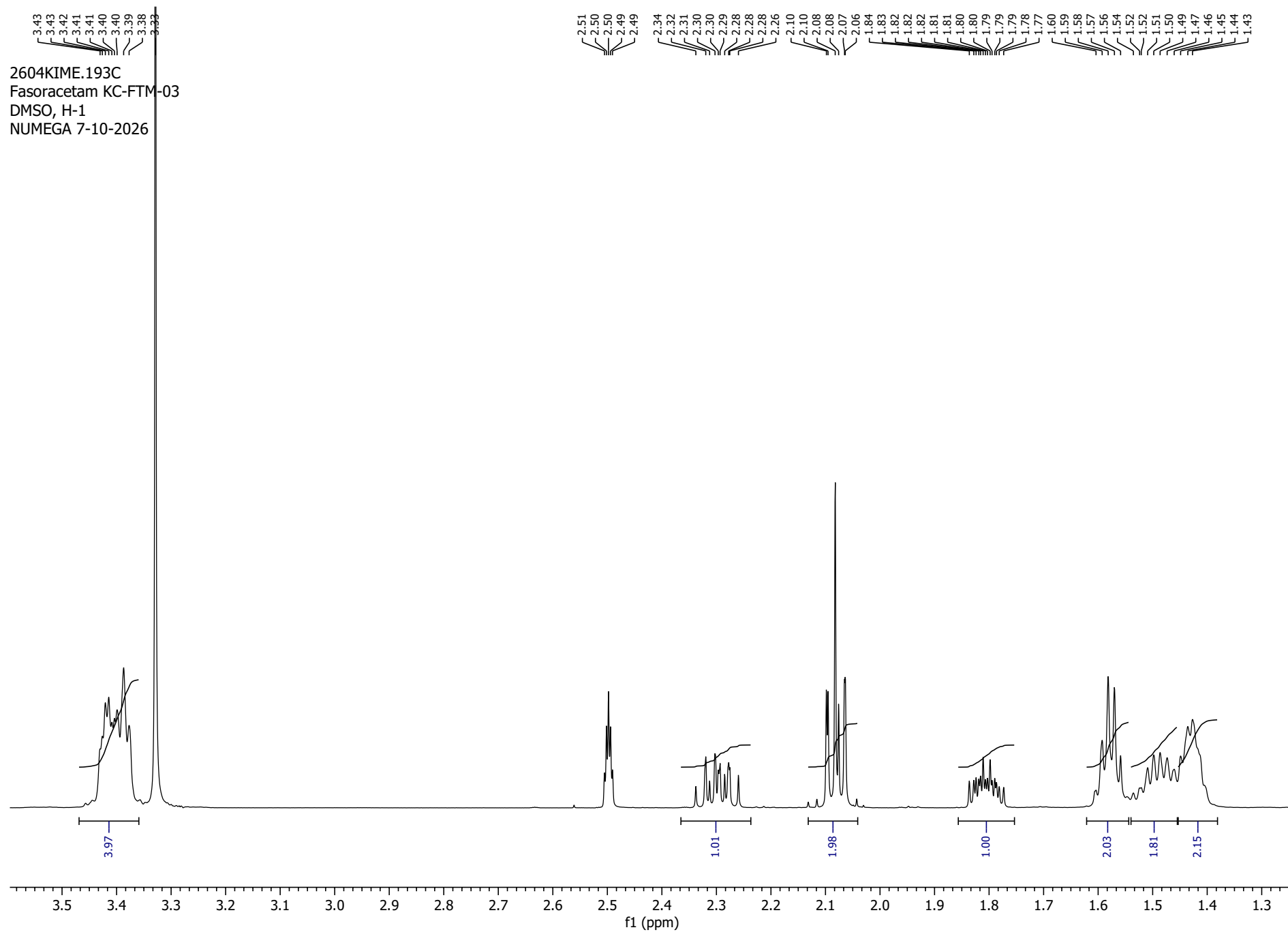
2604KIME.193C  
Fasoracetam KC-FTM-03  
DMSO, H-1  
NUMEGA 7-10-2026



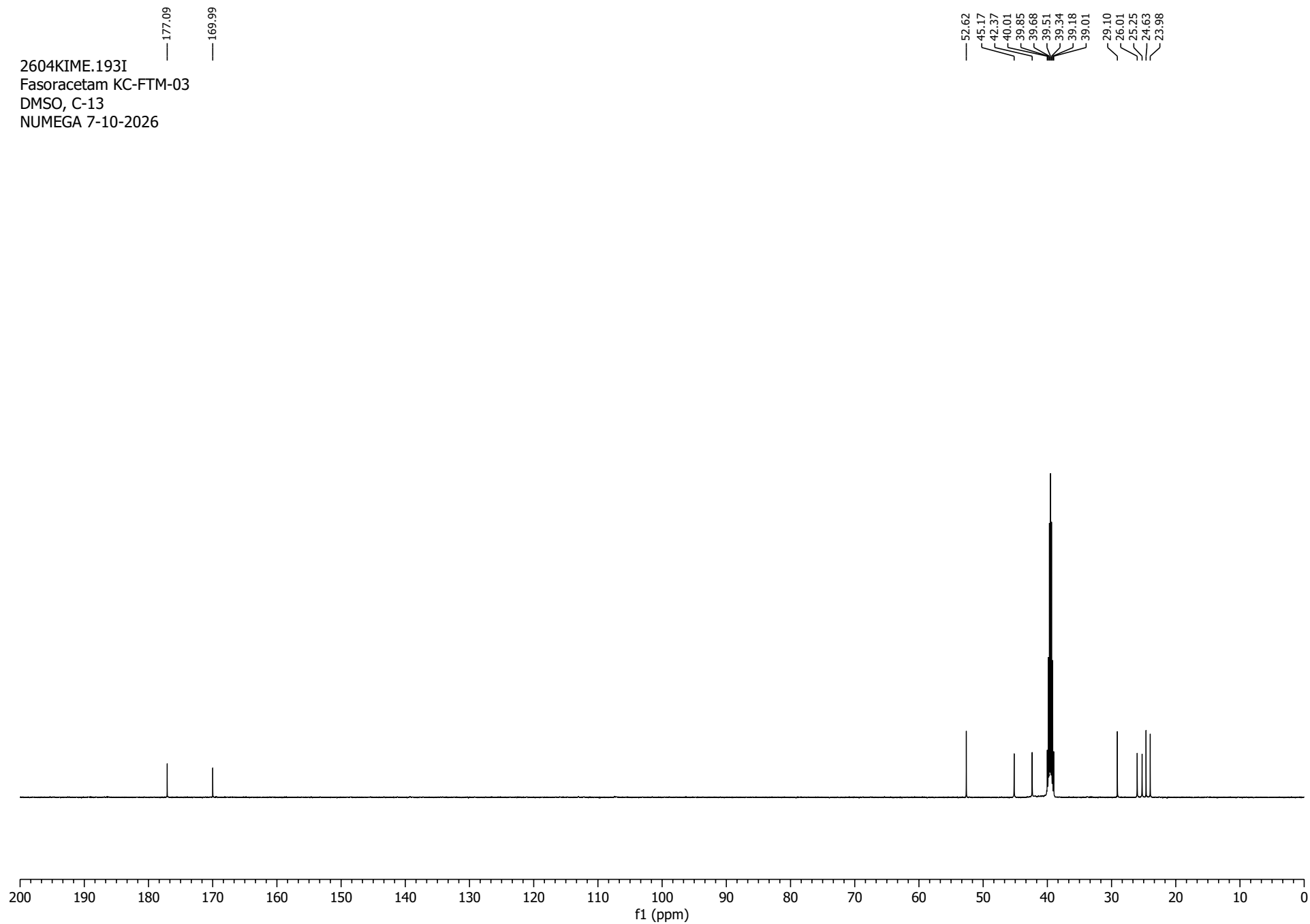
2604KIME.193C  
Fasoracetam KC-FTM-03  
DMSO, H-1  
NUMEGA 7-10-2026



2604KIME.193C  
Fasoracetam KC-FTM-03  
DMSO, H-1  
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2604KIME.193I  
Fasoracetam KC-FTM-03  
DMSO, C-13  
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2604KIME.193I  
Fasoracetam KC-FTM-03  
DMSO, C-13  
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