

March 19, 2026

NuMega Reference #
 2601KIME.566L

Company: Kimera Chem

Quantitative Analysis Report

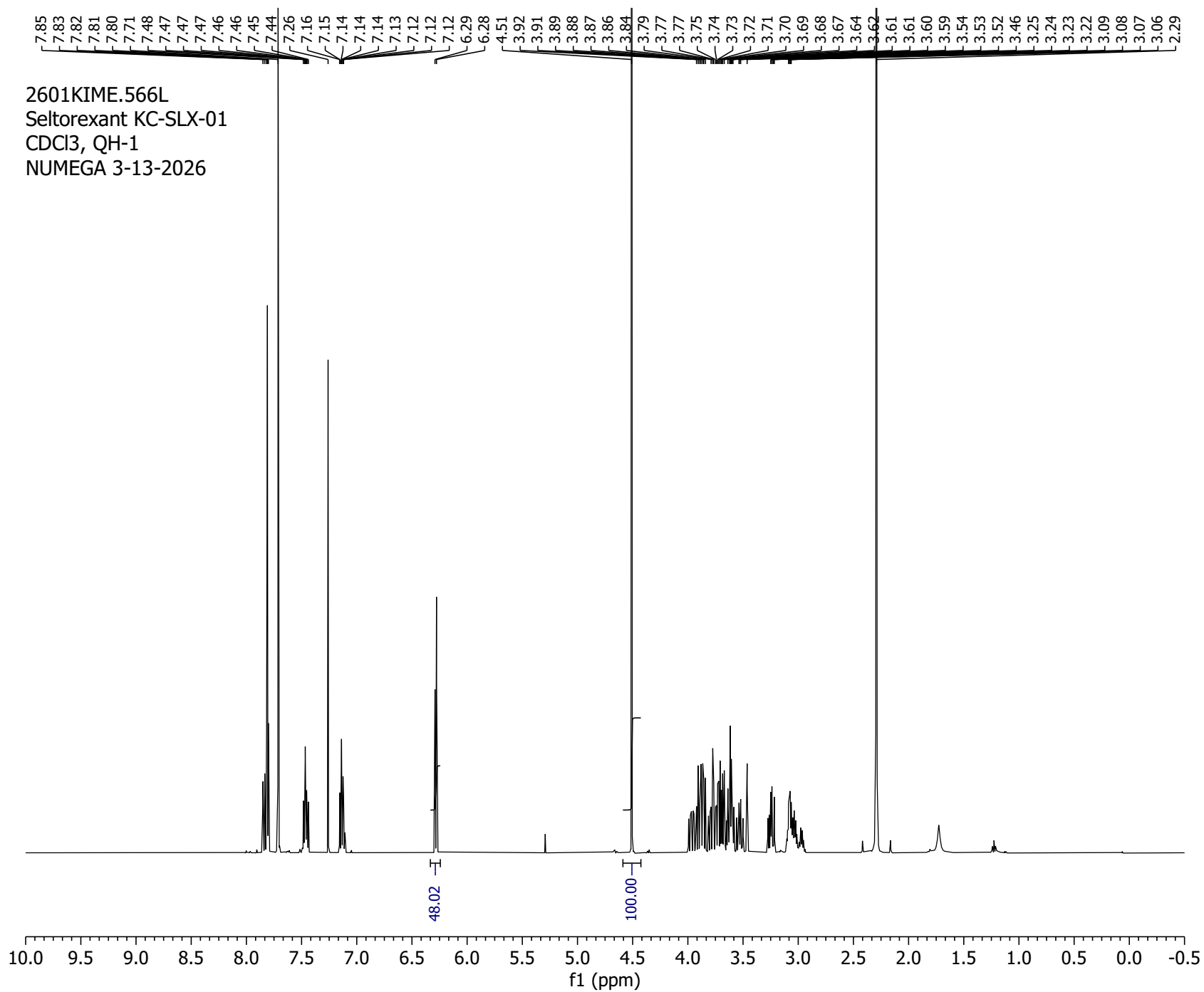
Bruker 500 MHz, AVII-500 and AV-500

Sample ID	Seltorexant KC-SLX-01
Standard	Ethylene Carbonate
Weight of Standard (wt _{st})	1.581
Weight of Sample (wt _{sa})	14.091
Sample Molecular Weight (MW _{sa})	407.4
Standard Molecular Weight (MW _{st})	88.06
Integration of Sample (I _{sa})	48.02
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 %	99.4

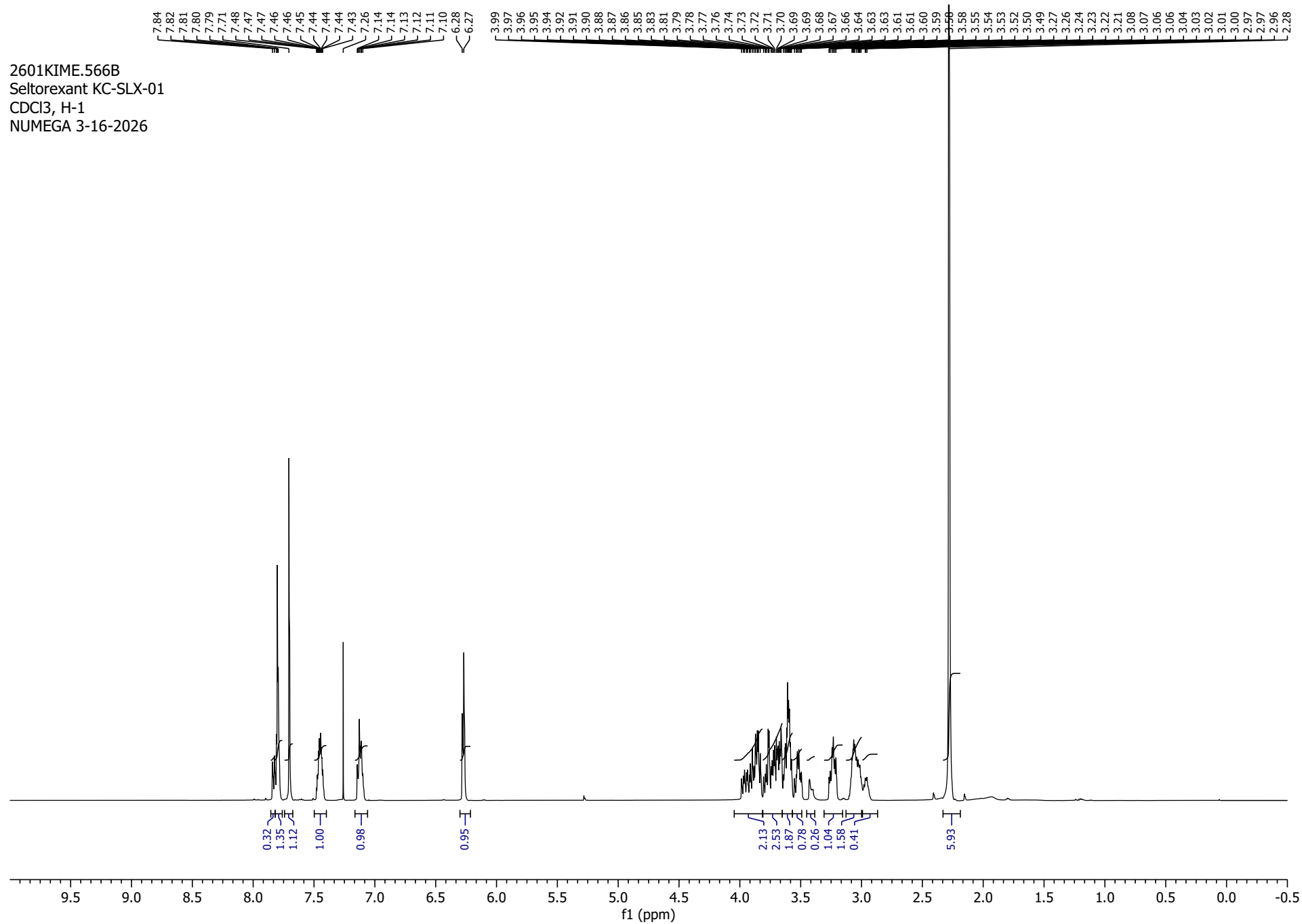
Formula Used for Calculation:

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

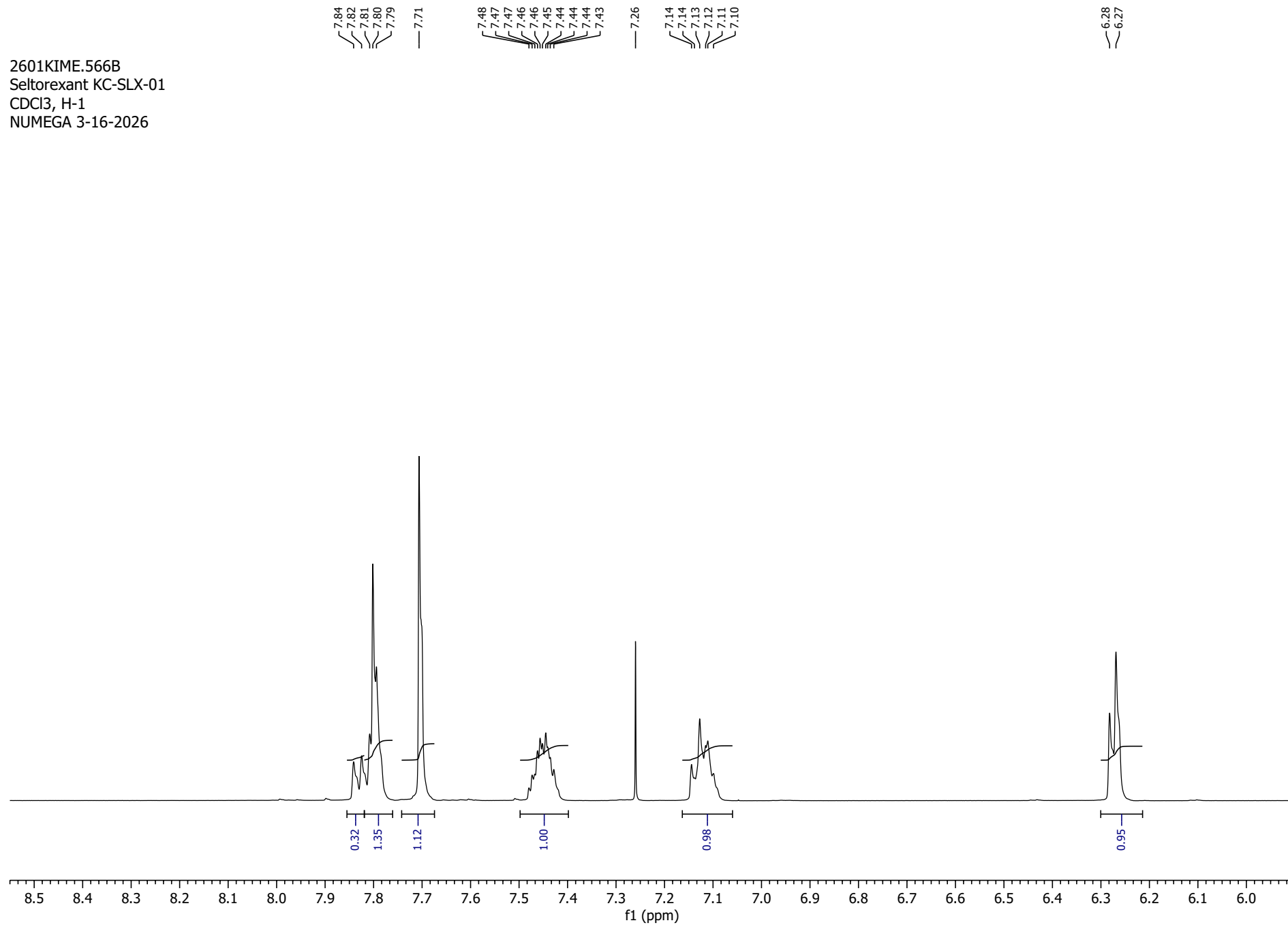
2601KIME.566L
Seltorexant KC-SLX-01
CDCl₃, QH-1
NUMEGA 3-13-2026



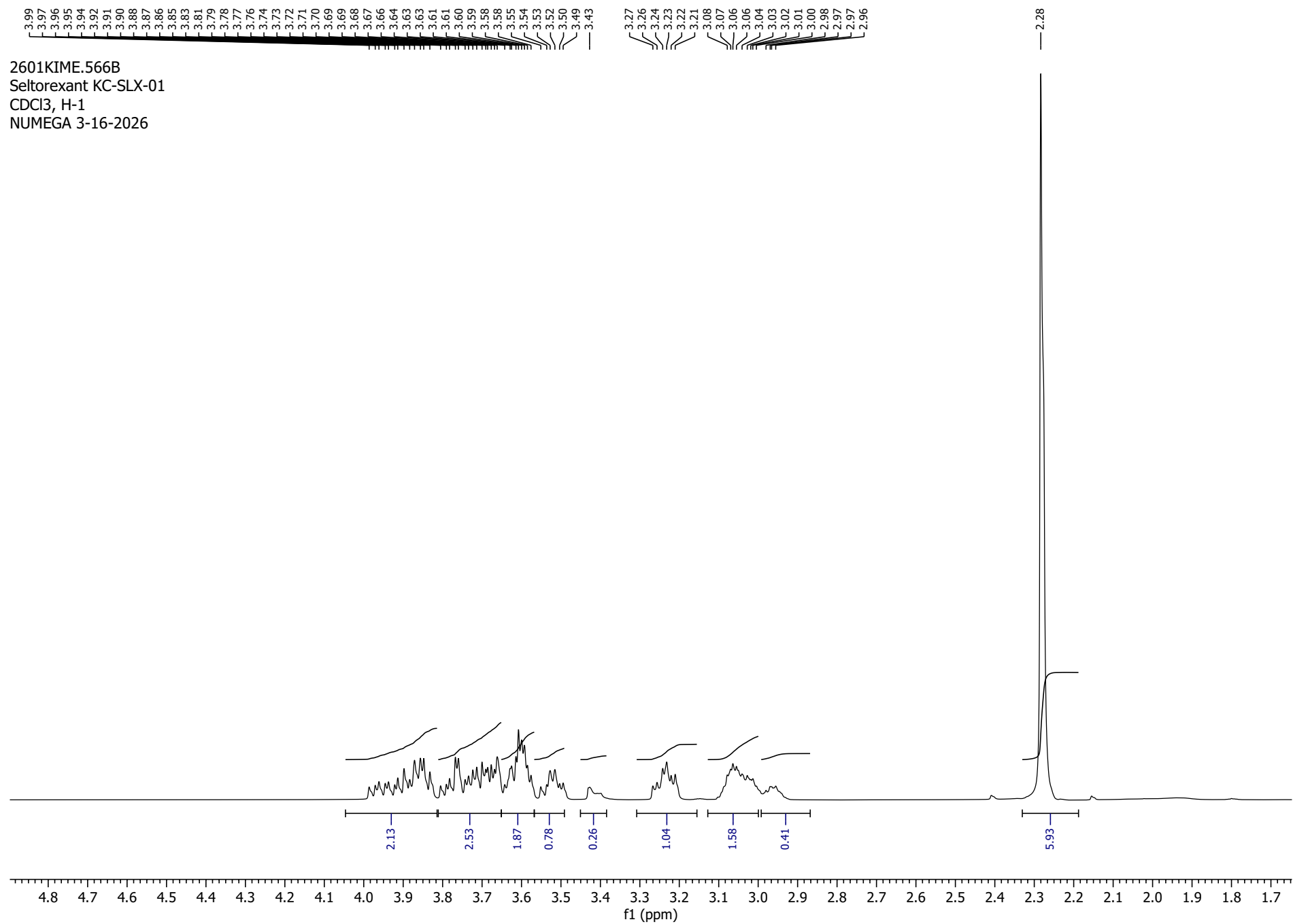
2601KIME.566B
Seltorexant KC-SLX-01
CDCl₃, H-1
NUMEGA 3-16-2026



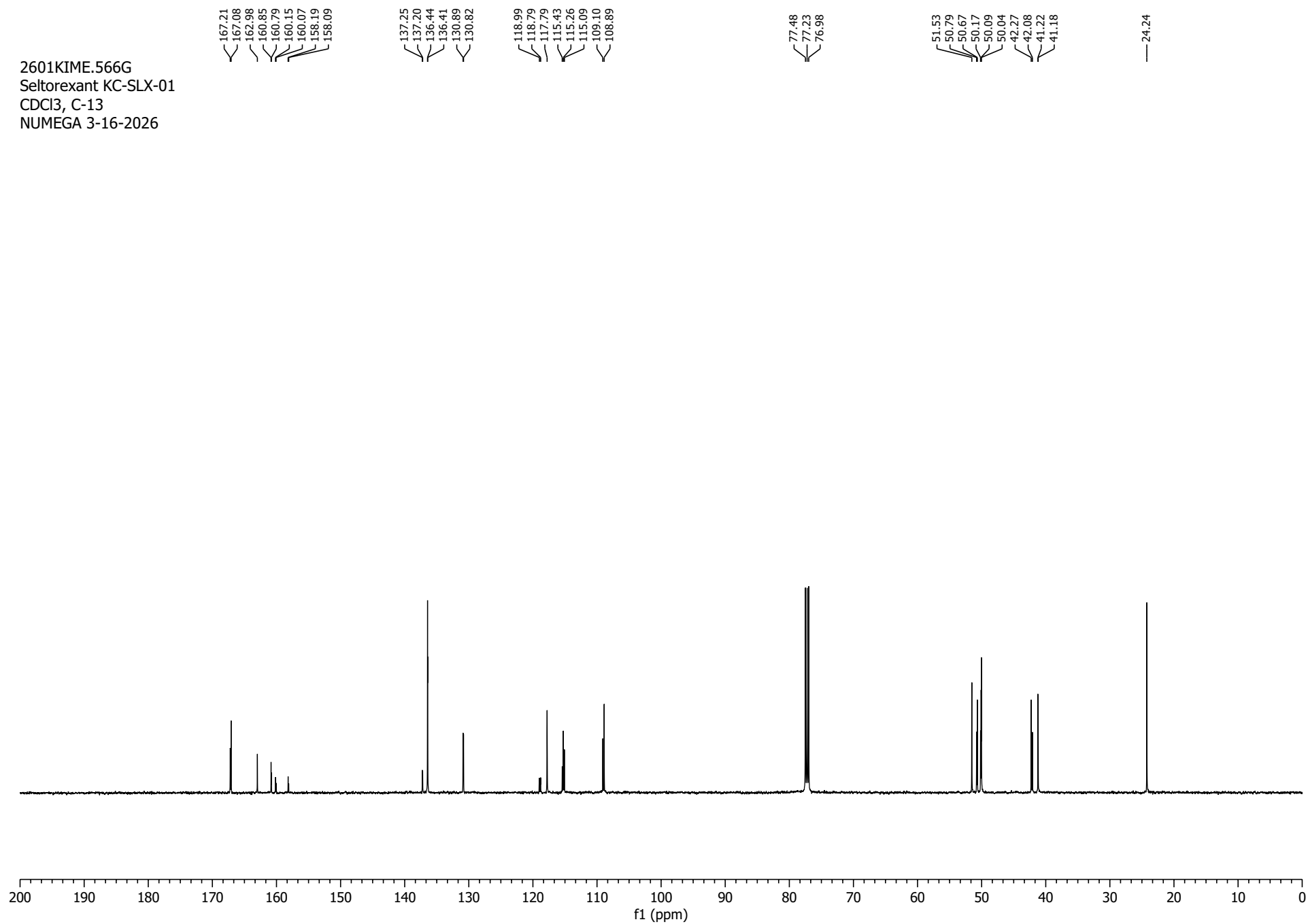
2601KIME.566B
Seltorexant KC-SLX-01
CDCl₃, H-1
NUMEGA 3-16-2026



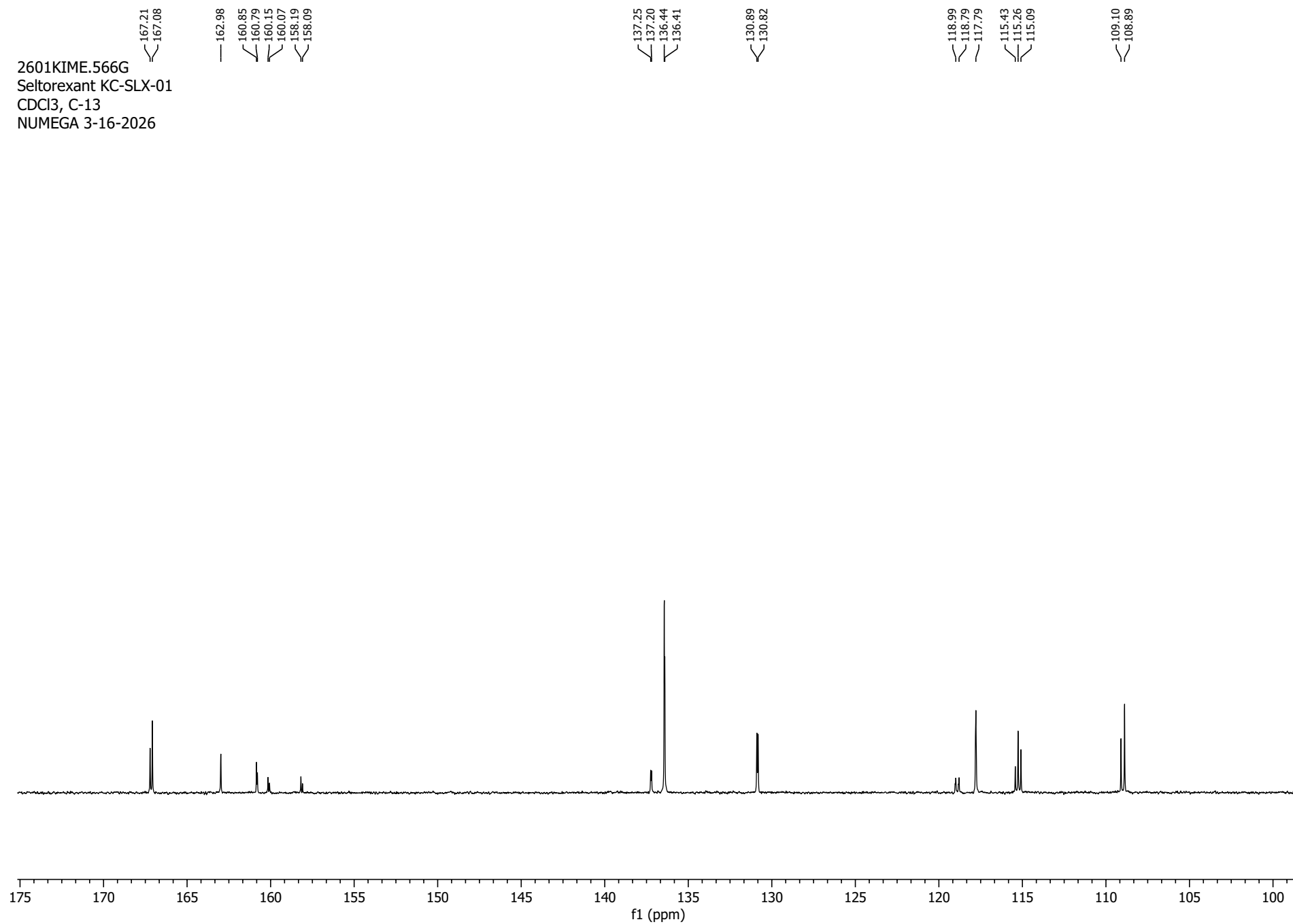
2601KIME.566B
Seltorexant KC-SLX-01
CDCl₃, H-1
NUMEGA 3-16-2026



2601KIME.566G
Seltorexant KC-SLX-01
CDCl₃, C-13
NUMEGA 3-16-2026



2601KIME.566G
Seltorexant KC-SLX-01
CDCl₃, C-13
NUMEGA 3-16-2026



2601KIME.566G
Seltorexant KC-SLX-01
CDCl₃, C-13
NUMEGA 3-16-2026

