

Certificate of Analysis

Nefiracetam

N-(2,6-dimethylphenyl)-2-(2-oxopyrrolidin-1-yl)acetamide

Compound : Nefiracetam
Lot number : ULN-53072
Analysis date : 2023-09-05
Purity % : 99.00%
Method : Mass Spectrometry and UV

Client : UMBRELLA.us
 3280 E Hemisphere Loop
 Tucson, Arizona 85706

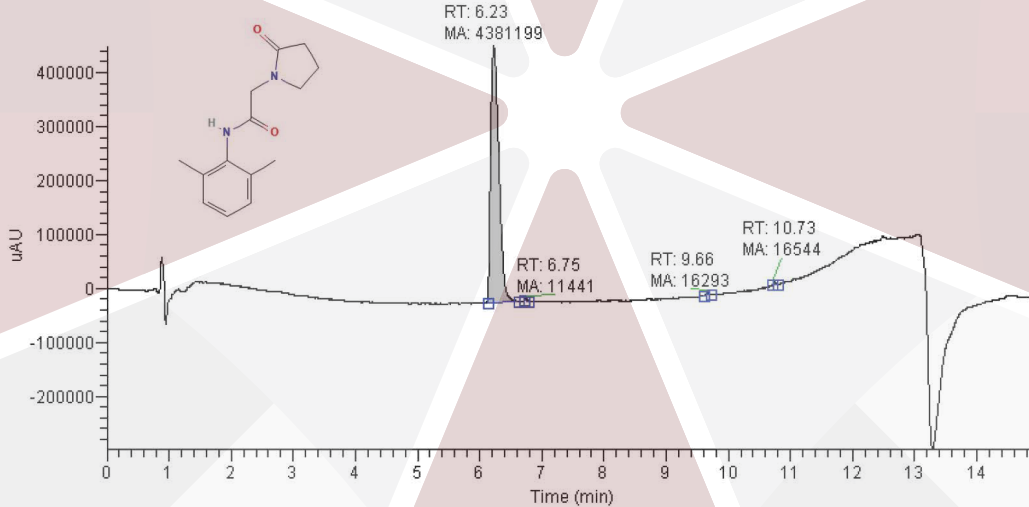
PubChem CID: 71157

<https://pubchem.ncbi.nlm.nih.gov/compound/71157>

Nefiracetam_ULN-53072_230905162725

9/5/2023 4:27:25 PM

RT: 0.00 - 15.00 SM: 3B



NL:
 4.49E5
 Channel A
 UV
 Nefiraceta
 m_ULN-
 53072_230
 905162725

PEAK LIST	Number of detected peaks: 4		
Time (min)	Area	%Area	
6.23	4.38E+06	99.00	Nefiracetam
6.75	1.14E+04	0.26	
9.66	1.63E+04	0.37	
10.73	1.65E+04	0.37	

Analysis Performed by
 Ken Pendarvis, ChE
 Analytical Chemist
 MZ Biolabs
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Purity determined using UV detection
 Peak identity confirmed by mass spectrum evaluation
 Expected mass : 246.1 g
 Measured mass : 246.1 g
 Molecular weight confirmed



2023-09-05