

Certificate of Analysis

Oxiracetam

2-(4-hydroxy-2-oxopyrrolidin-1-yl)acetamide

Compound : Oxiracetam
Lot number : ULN-54450
Analysis Date : 2024-01-25
Purity % : 99.94%
Method : Mass Spectrometry & UV

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

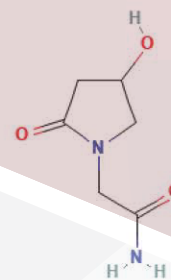
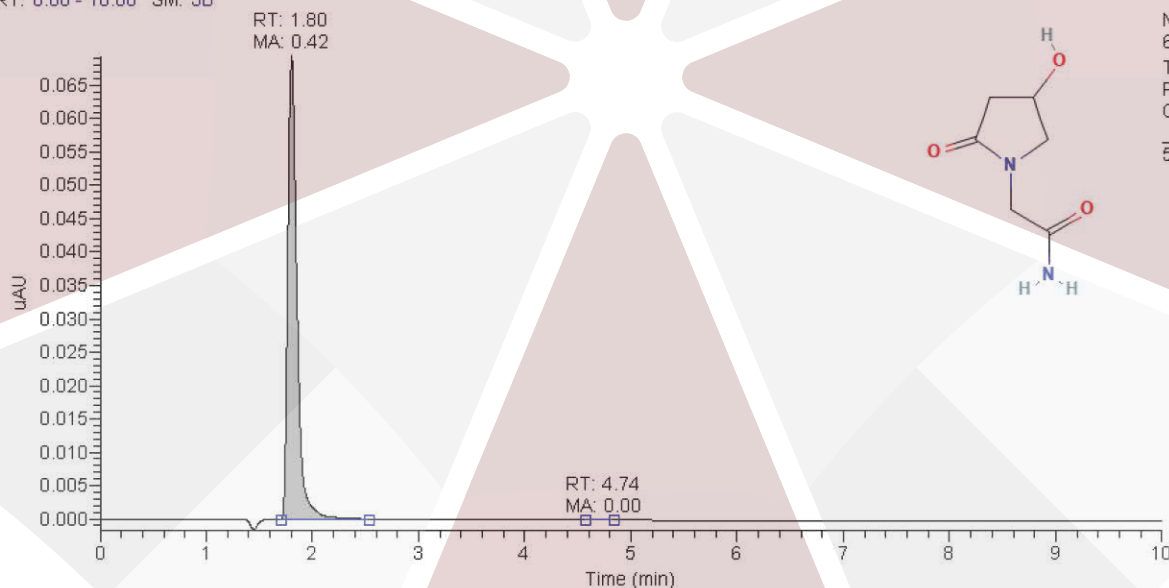
PubCem CID: 4626

<https://pubchem.ncbi.nlm.nih.gov/compound/4626>

C:\calibur\...\Oxiracetam_ULN-54450

1/25/2024 5:12:46 PM

RT: 0.00 - 10.00 SM: 3B

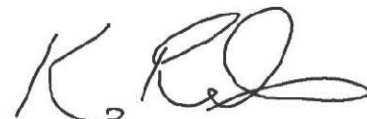


NL: 6.94E-2
 Total Scan
 PDA
 Oxiracetam
 ULN-54450

| PEAK LIST | Number of detected peaks: 2 | | |
|------------|-----------------------------|-------|------------|
| Time (min) | Area | %Area | |
| 1.8 | 4.17E-01 | 99.94 | Oxiracetam |
| 4.74 | 0.00E+00 | 0.06 | |

Analysis Performed by
 Ken Pendarvis, ChE
 Analytical Chemist
 MZ Biolabs
contact@mzbiolabs.com

Purity determined using UV detection
 Peak identity confirmed by mass spectrum evaluation
 Expected mass: 158.1 g
 Measured mass: 158.1 g
 Molecular weight confirmed



2024-01-25