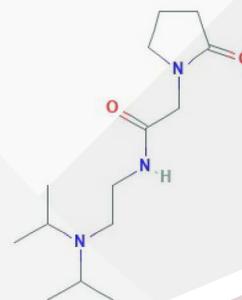


# Certificate of Analysis

## Pramiracetam

N-[2-[di(propan-2-yl)amino]ethyl]-2-(2-oxopyrrolidin-1-yl)acetamide

**Compound** : Pramiracetam  
**Lot number** : 2020-07-20  
**Date** : 2020-07-26  
**Purity %** : 99.77%  
**Method** : Mass Spectrometry



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

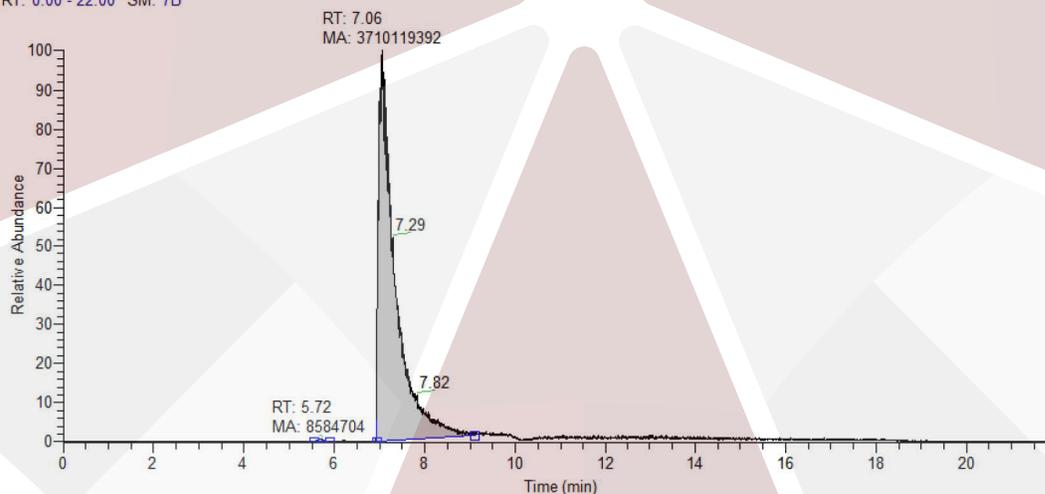
PubChem CID: 51712  
<https://pubchem.ncbi.nlm.nih.gov/compound/51712>

BG\_Pramiracetam\_100ug\_2020-07-20\_2020...

07/27/20 08:48:35

Background subtracted file

RT: 0.00 - 22.00 SM: 7B



NL:  
 1.49E8  
 TIC MS  
 BG\_Pramirace  
 tam\_100ug\_20  
 20-07-  
 20\_202007262  
 22045

PEAK LIST	Number of detected peaks: 2		
Time (min)	Area	%Area	
5.72	8.58E+06	0.23	
<b>7.06</b>	<b>3.71E+09</b>	<b>99.77</b>	<b>Pramiracetam</b>

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

Peak identity confirmed by mass spectrum evaluation



2020/07/27