

# Certificate of Analysis

## Agomelatine

N-[2-(7-methoxynaphthalen-1-yl)ethyl]acetamide

**Compound** : Agomelatine  
**Lot number** : ULN-53022  
**Analysis date** : 2023-08-30  
**Purity %** : 99.69%  
**Method** : Mass Spectrometry & UV

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

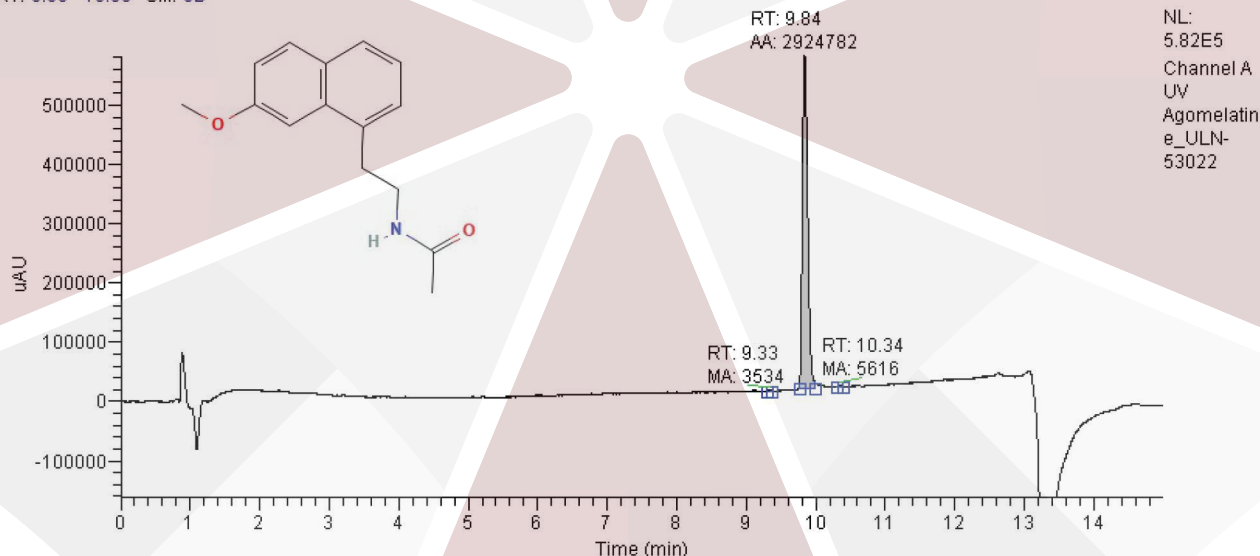
PubChem CID: 82148

<https://pubchem.ncbi.nlm.nih.gov/compound/82148>

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8/30/2023 2:56:28 PM

RT: 0.00 - 15.00 SM: 3B



PEAK LIST	Number of detected peaks: 3		
Time (min)	Area	%Area	
9.33	3.53E+03	0.12	
<b>9.84</b>	<b>2.92E+06</b>	<b>99.69</b>	<b>Agomelatine</b>
10.34	5.62E+03	0.19	

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: 243.1 g  
 Measured mass: 243.1 g  
 Molecular weight confirmed



2023-08-30