

# Certificate of Analysis

## Fladrafinil

2-[bis(4-fluorophenyl)methylsulfinyl]-N-hydroxyacetamide

**Compound** : Fladrafinil  
**Lot number** : ULN-52142  
**Analysis date** : 2023-04-12  
**Purity %** : 99.03%  
**Method** : Mass Spectrometry & UV

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

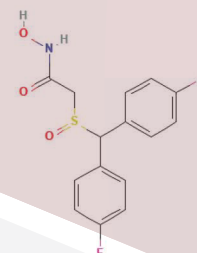
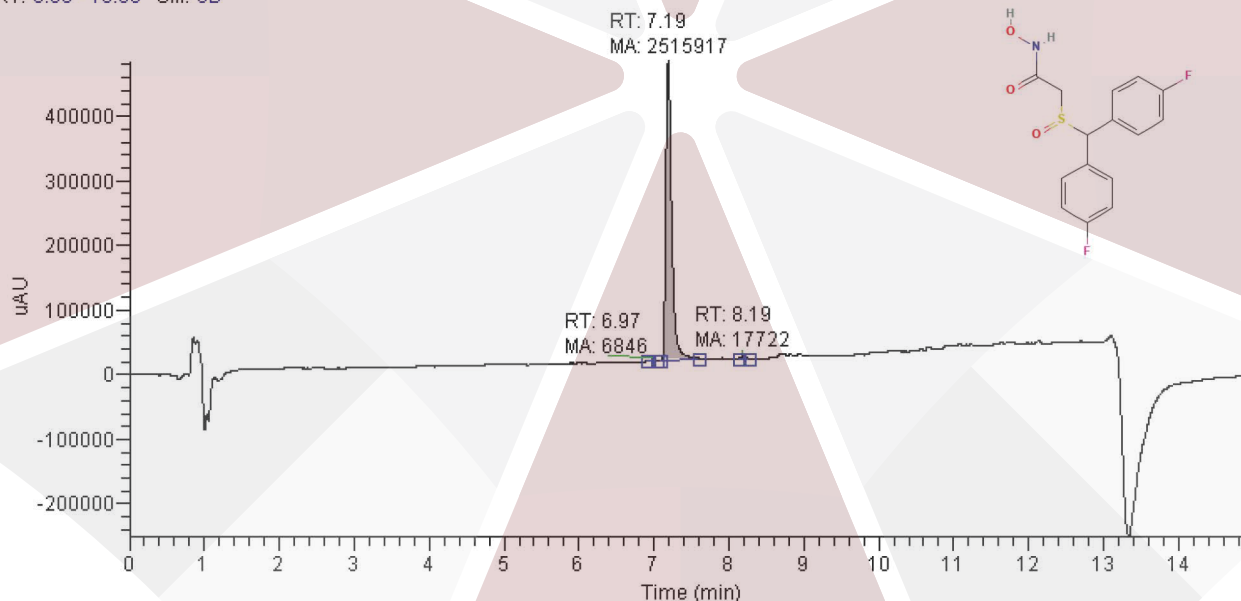
PubChem CID: 13316557

<https://pubchem.ncbi.nlm.nih.gov/compound/13316557>

C:\Xcalibur\...\Fladrafinil\_ULN-52142

4/12/2023 3:20:58 PM

RT: 0.00 - 15.00 SM: 3B



NL: 4.85E5  
 Channel A  
 UV  
 Fladrafinil\_  
 ULN-  
 52142

PEAK LIST	Number of detected peaks: 2		
Time (min)	Area	%Area	
6.97	6.85E+03	0.27	
<b>7.19</b>	<b>2.52E+06</b>	<b>99.03</b>	<b>Fladrafinil</b>
8.19	1.77E+04	0.70	

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: 325.1 g  
 Measured mass: 325.2 g  
 Molecular weight confirmed



2023-04-14