

# Certificate of Analysis

## NSI-189 phosphate

(4-Benzylpiperazin-1-yl)(2-(isopentylamino)pyridin-3-yl)methanone; phosphate

**Compound** : NSI-189 phosphate  
**Lot number** : ULN-53012  
**Analysis date** : 2023-09-11  
**Purity %** : 99.39%  
**Method** : Mass Spectrometry & UV

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

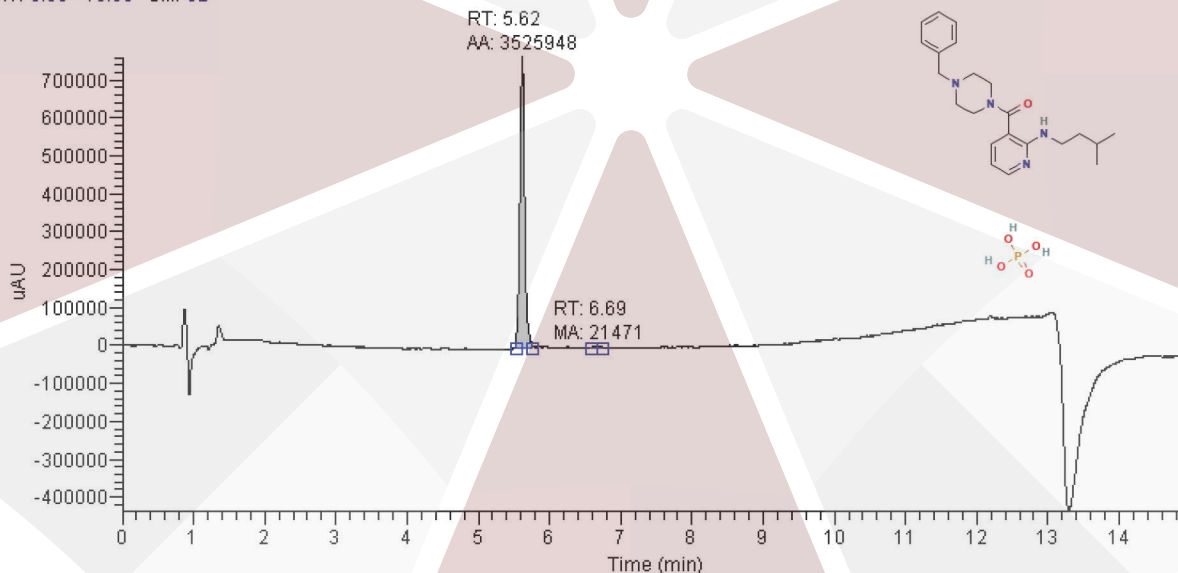
PubChem CID: 50922680

<https://pubchem.ncbi.nlm.nih.gov/compound/50922680>

NSI-189\_PO4\_ULN-53012\_230911121348

9/11/2023 12:13:48 PM

RT: 0.00 - 15.00 SM: 3B



NL:  
 7.80E5  
 Channel A  
 UV  
 NSI-  
 189\_PO4\_  
 ULN-  
 53012\_230  
 911121348

PEAK LIST	Number of detected peaks: 1		
Time (min)	Area	%Area	
5.62	3.53E+06	99.39	NSI-189
6.69	2.15E+04	0.61	

Analysis Performed by  
 Ken Pendarvis, ChE  
 Analytical Chemist  
 MZ Biolabs  
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Determined using UV detection  
 Peak identity confirmed by mass spectrum evaluation  
 Expected mass: 366.2 g  
 Measured mass: 366.2 g  
 Molecular weight confirmed



2023-09-11