

# Certificate of Analysis

## MK-677 (Ibutamoren)

2-amino-2-methyl-N-[(2R)-1-(1-methylsulfonylspiro[2H-indole-3,4'-piperidine]-1'-yl)-1-oxo-3-phenylmethoxypropan-2-yl]propanamide;methanesulfonic acid

<b>Compound</b>	: <b>MK-677</b>	<b>Client</b>	: <b>Prime Research</b>
<b>Lot number</b>	: <b>2023-02-21</b>		: <a href="https://primeresearch.is/">https://primeresearch.is/</a>
<b>Analysis Date</b>	: <b>2023-02-23</b>		: <a href="mailto:info@primeresearch.is">info@primeresearch.is</a>
<b>Purity %</b>	: <b>99.38%</b>		
<b>Method</b>	: <b>Mass Spectrometry &amp; UV</b>		

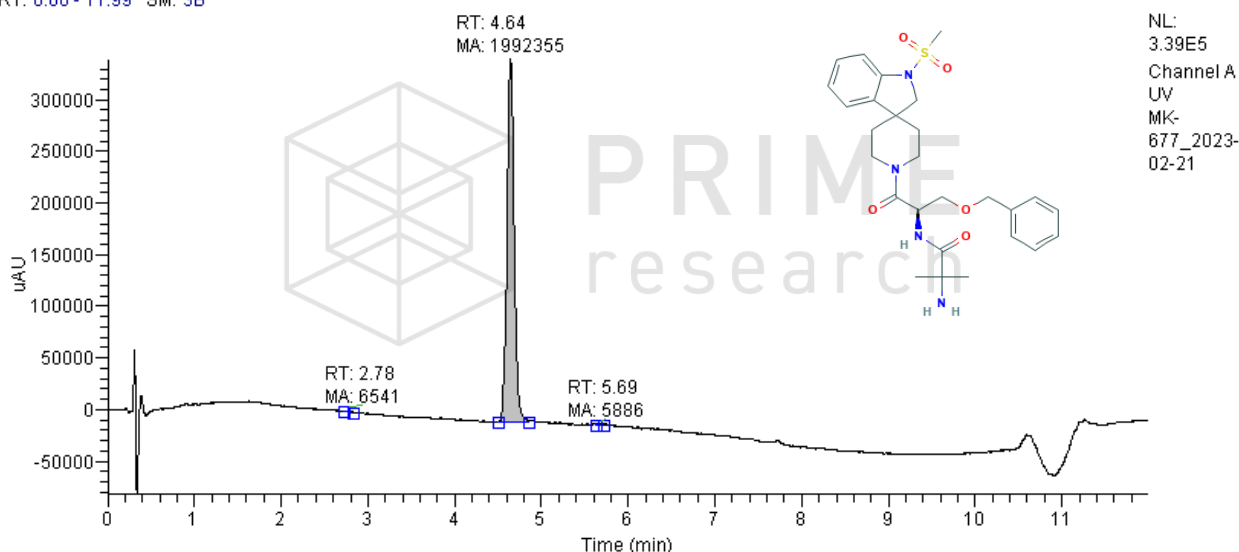
PubChem CID: 178024

<https://pubchem.ncbi.nlm.nih.gov/compound/178024>

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RT: 0.00 - 11.99 SM: 3B



PEAK LIST	Number of detected peaks: 3		
Time (min)	Area	%Area	
2.78	6.54E+03	0.33	
<b>4.64</b>	<b>1.99E+06</b>	<b>99.38</b>	<b>MK-677</b>
5.69	5.89E+03	0.29	

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: 528.2 g  
 Measured mass: 528.1 g  
 Molecular weight confirmed



2023-02-24