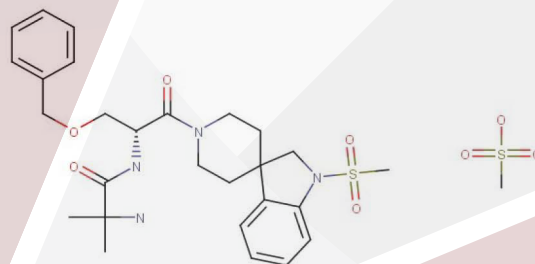


Certificate of Analysis

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

Compound : MK-677
Lot number : 2021-01-07
Analysis Date : 2021-01-11
Purity % : 99.48%
Method : Mass Spectrometry & UV



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

PubChem CID: 178024

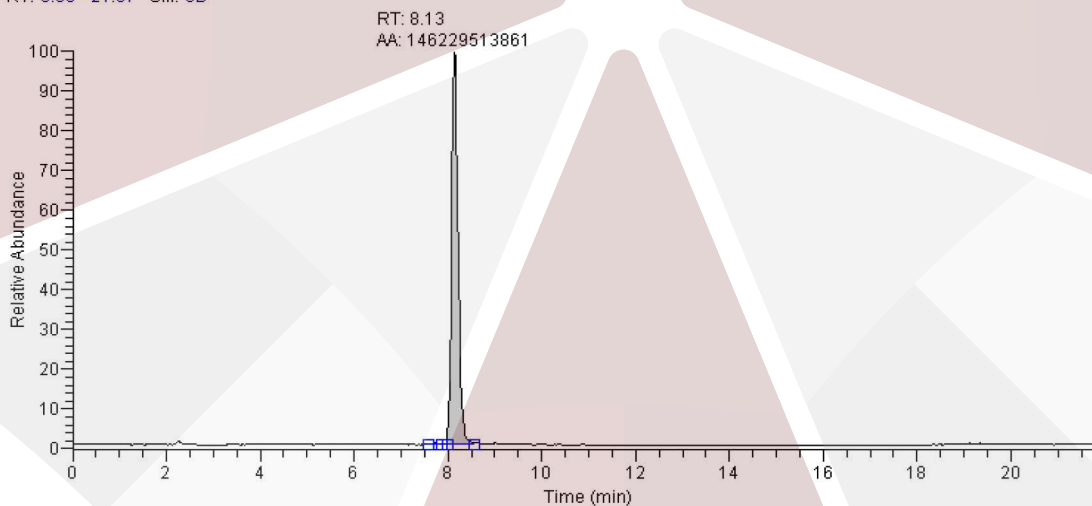
<https://pubchem.ncbi.nlm.nih.gov/compound/178024>

C:\Xcalibur\...BG_MK-677_2021-01-07

1/11/2021 10:13:06 PM

Background subtracted file

RT: 0.00 - 21.97 SM: 3B



NL:
 1.52E10
 TIC MS
 BG_MK-
 677_2021-
 01-07

PEAK LIST	Number of detected peaks: 2		
Time (min)	Area	%Area	
7.72	7.59E+08	0.52	
8.13	1.46E+11	99.48	MK-677

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

Peak purity confirmed using UV detection
 Peak identity confirmed by mass spectrum evaluation
 Expected mass: 528.2 g
 Measured mass: 528.1 g



1/13/2021