

Certificate of Analysis

RAD-140

2-chloro-4-[[[(1R,2S)-1-[5-(4-cyanophenyl)-1,3,4-oxadiazol-2-yl]-2-hydroxypropyl]amino]-3-methylbenzonitrile

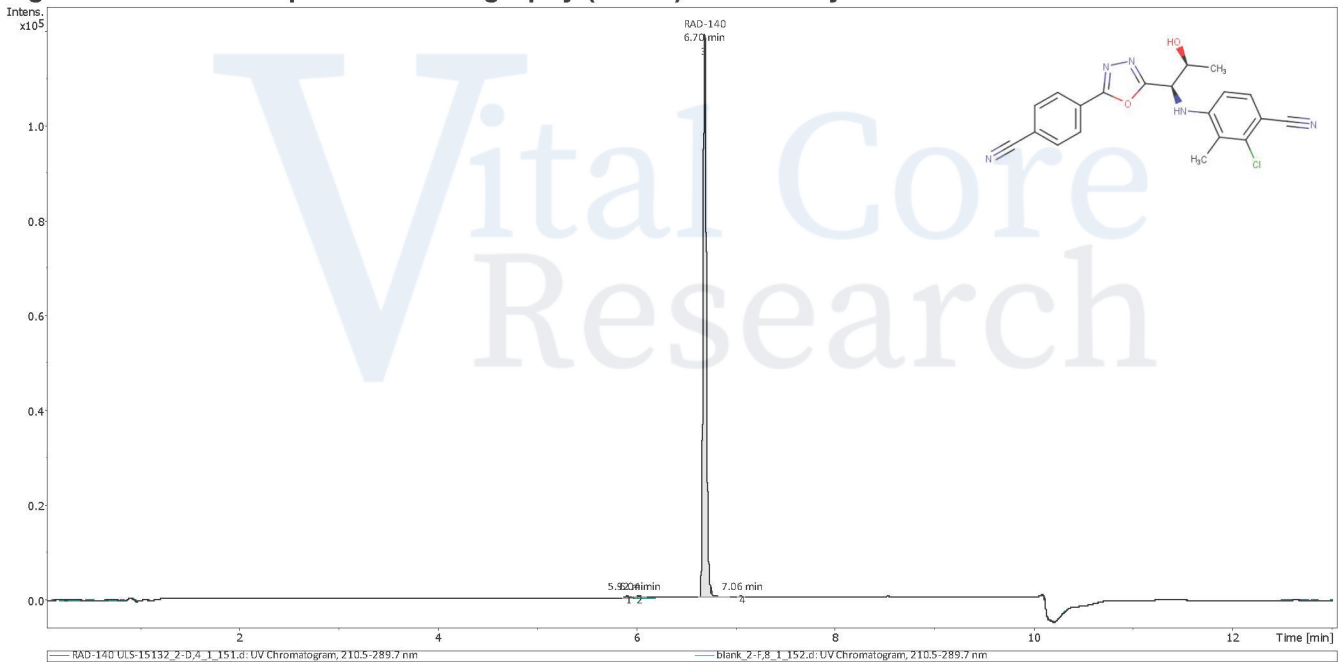
Compound : RAD-140
Lot number : ULS-15132
Analysis date : 2024-10-26
Purity % : 99.28%
Method : HPLC-UV-MS

Client : VITAL CORE RESEARCH

PubChem CID: 44200882

<https://pubchem.ncbi.nlm.nih.gov/compound/44200882>

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST				Number of detected peaks: 4	
	Time (min)	Area	%Area		
1	5.92	6.93E+02	0.25		
2	6.04	9.65E+02	0.34		
3	6.70	2.80E+05	99.28	RAD-140	
4	7.06	3.81E+02	0.14		

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



2024-10-29



MZ Biolabs
1635 E 18th St
Tucson, AZ 85719
contact@mzbiolabs.com
www.mzbiolabs.com

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Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

Molecular weight calculated using monoisotopic m/z values from mass spectrum

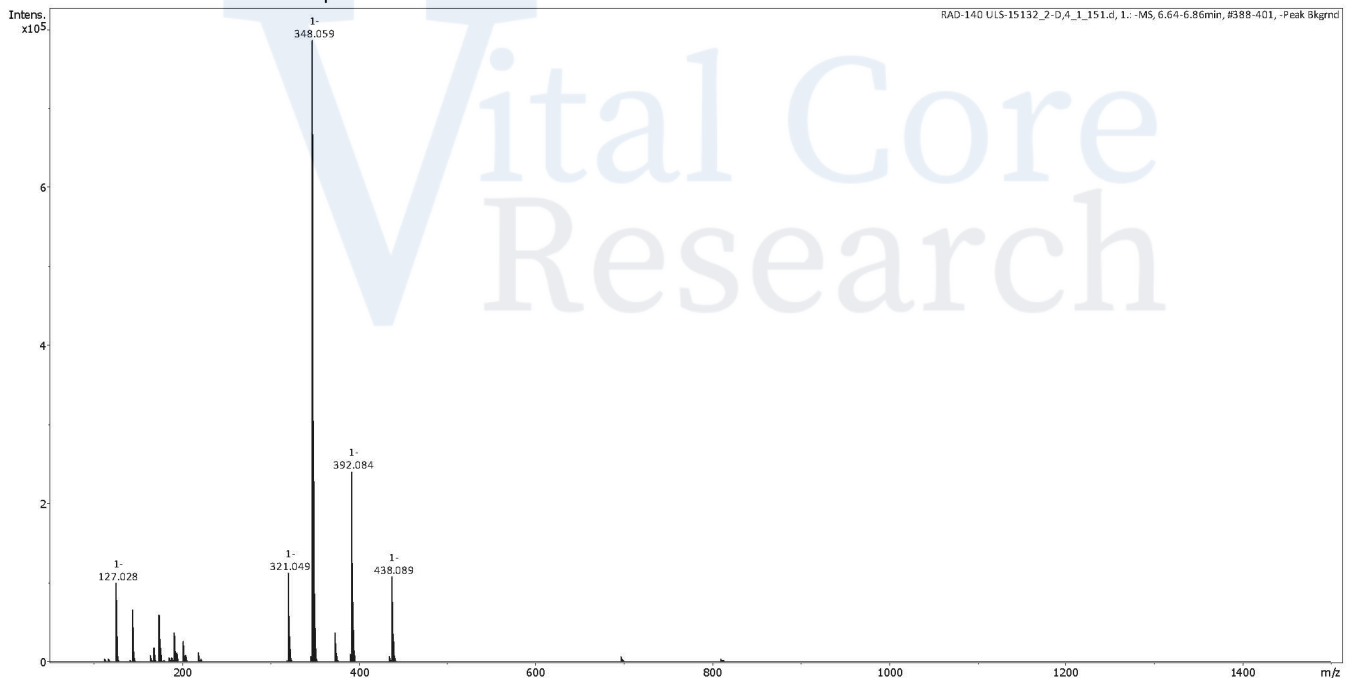
Expected monoisotopic mass : 393.10 Da

Measured monoisotopic mass : 393.08 Da

Molecular weight confirmed

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides.
The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

Recorded MS spectrum



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