

Certificate of Analysis

Pre-084

2-morpholin-4-ylethyl 1-phenylcyclohexane-1-carboxylate

Compound : Pre-084
Lot number : ULN-54440
Analysis date : 2024-09-20
Purity % : 99.72%
Method : HPLC-UV-MS

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

PubChem CID: 126402

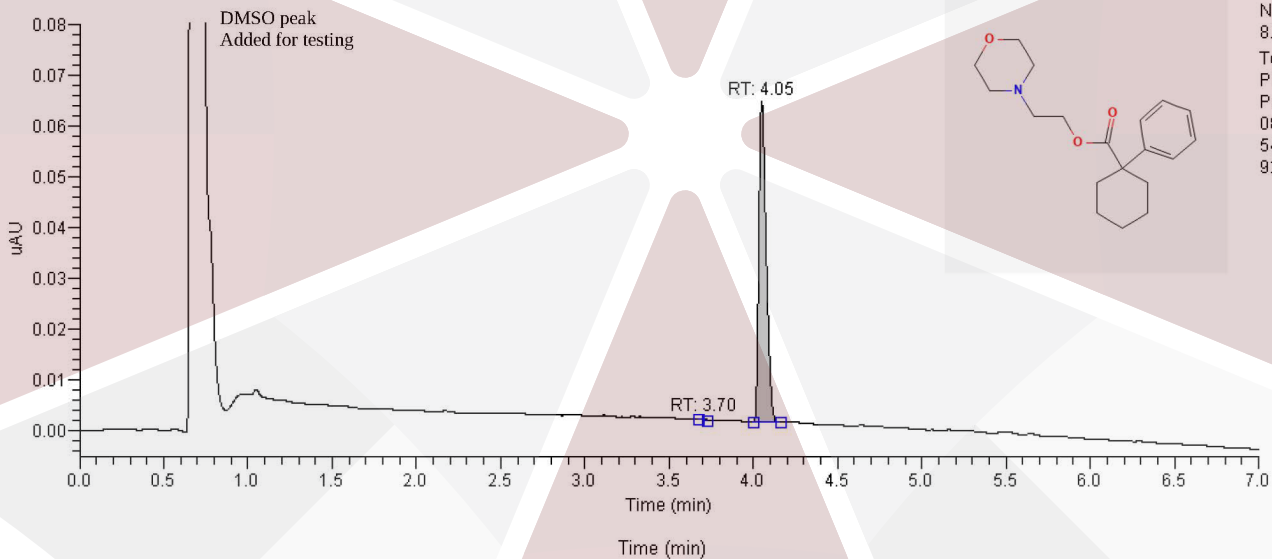
<https://pubchem.ncbi.nlm.nih.gov/compound/126402>

High Performance Liquid Chromatography (HPLC) UV – Purity Test

Pre-084_ULN-54440_240920173621

9/20/2024 5:36:21 PM

RT: 0.00 - 7.00 SM: 3B



NL:
8.00E-2
Total Scan
PDA
Pre-
084_ULN-
54440_240
920173621

PEAK LIST		Number of detected peaks: 2		
	Time (min)	Area	%Area	
1	3.70	1.00E-03	0.28	
2	4.05	1.92E-01	99.72	Pre-084

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



2024-09-23

Pre-084

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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 : 317.20 Da

Measured monoisotopic mass : 317.20 Da

Molecular weight confirmed

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides.

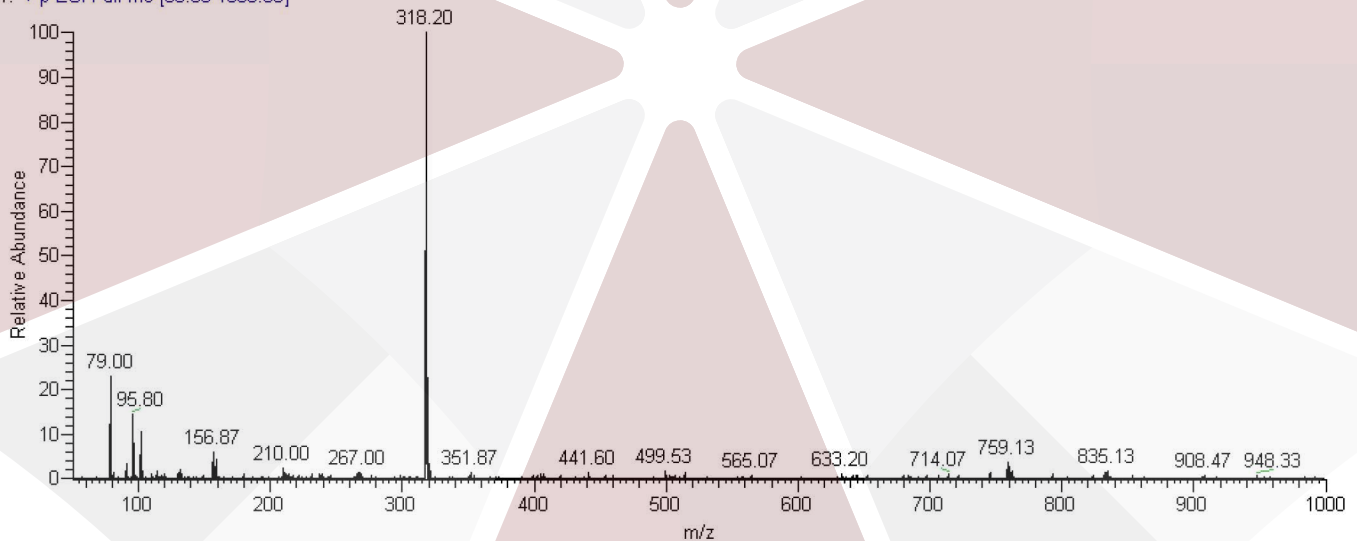
The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

Recorded MS spectrum

C:\Xcalibur\...Pre-084_ULN-54440

9/16/2024 9:47:13 PM

Pre-084_ULN-54440 #275 RT: 4.29 AV: 1 NL: 2.35E7
T: + p ESI Full ms [50.00-1000.00]



Analysis Performed by
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