



9-Chloro-2-ethyl-1-methyl-3-(2,2,2-trifluoroethyl)-3h-pyrrolo(3,2-f)quinolin-7(6h)-one

Client : Kimera Chems
Kimerachems.co

<https://pubchem.ncbi.nlm.nih.gov/compound/25195253>

The chromatogram displays the UV absorbance of LGD-3303 over time. A significant peak is observed at 8.59 minutes, corresponding to the compound. A smaller peak at 1.2 minutes is identified as DMF, added for testing. The chemical structure of LGD-3303 is provided for reference.

Chemical structure of LGD-3303: CC1=C(C2=CC=CC3=C2N(C(F)(F)F)CC3=CC(=O)N=C1Cl)C

Peak Number	Retention Time (min)	Intensity (x10 ⁴)
1	1.2	~1.7
2	7.28	~0.1
3	7.96	~0.1
4	8.29	~0.1
5	8.59	~3.5
6	8.86	~0.1
7	9.24	~0.1

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

2025-03-06

LGD-3303

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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

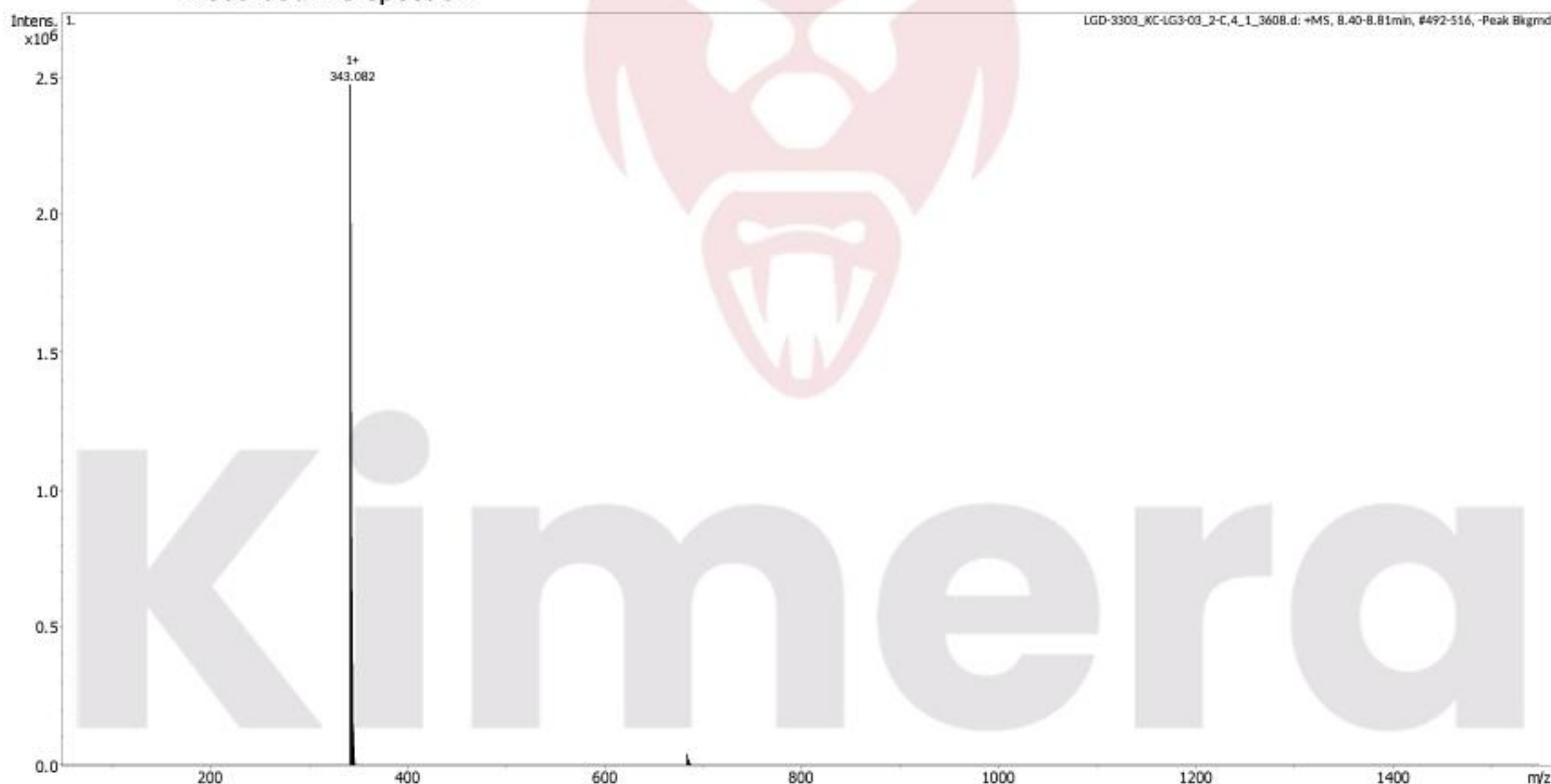
Expected monoisotopic mass : 342.07 Da

Measured monoisotopic mass : 342.08 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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