

Certificate of Analysis

Tesofensine capsules 500 mcg

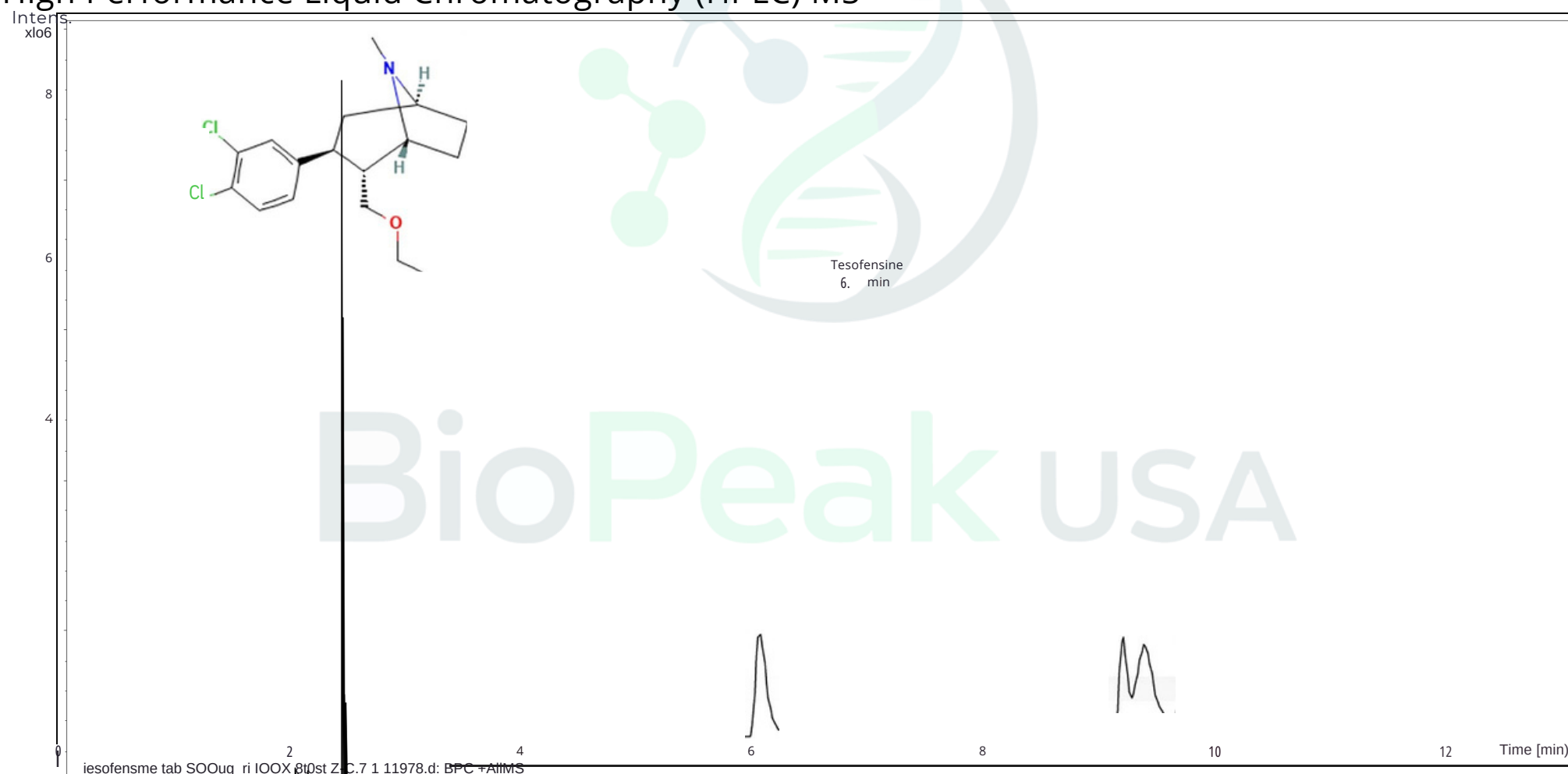
(1R,2R,3R,5R)-3-(3,4-dichlorophenyl)-2-(ethoxymethyl)-8-methyl-8-azabicyclo[3.2.1]octane

Compound : Tesofensine
Lot number : MP828
Analysis date : 2025-05-06
Quantity : 545.2 mcg/capsule
Method : HPLC-MS

Client: **Bio Peak USA**
www.biopeakusa.com/

PubChem CID: 11370864
<https://pubchem.ncbi.nlm.nih.gov/compound/11370864>

High Performance Liquid Chromatography (HPLC) MS



Tesofensine detected at 6.99 minutes

Background peaks due to capsule filler

Quantification by HPLC-MS

Replicates	mcg/capsule
Tesofensine_ tab_ 500ug_r1_	500.0
Biost Tesofensine_ tab_	541.2
500ug_r2_Biost Tesofensine_	594.3
tab_ 500ug_r3_Biost	545.2
Average mcg/capsule	545.2

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

IC 2025-05-09



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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 : 327.12 Da

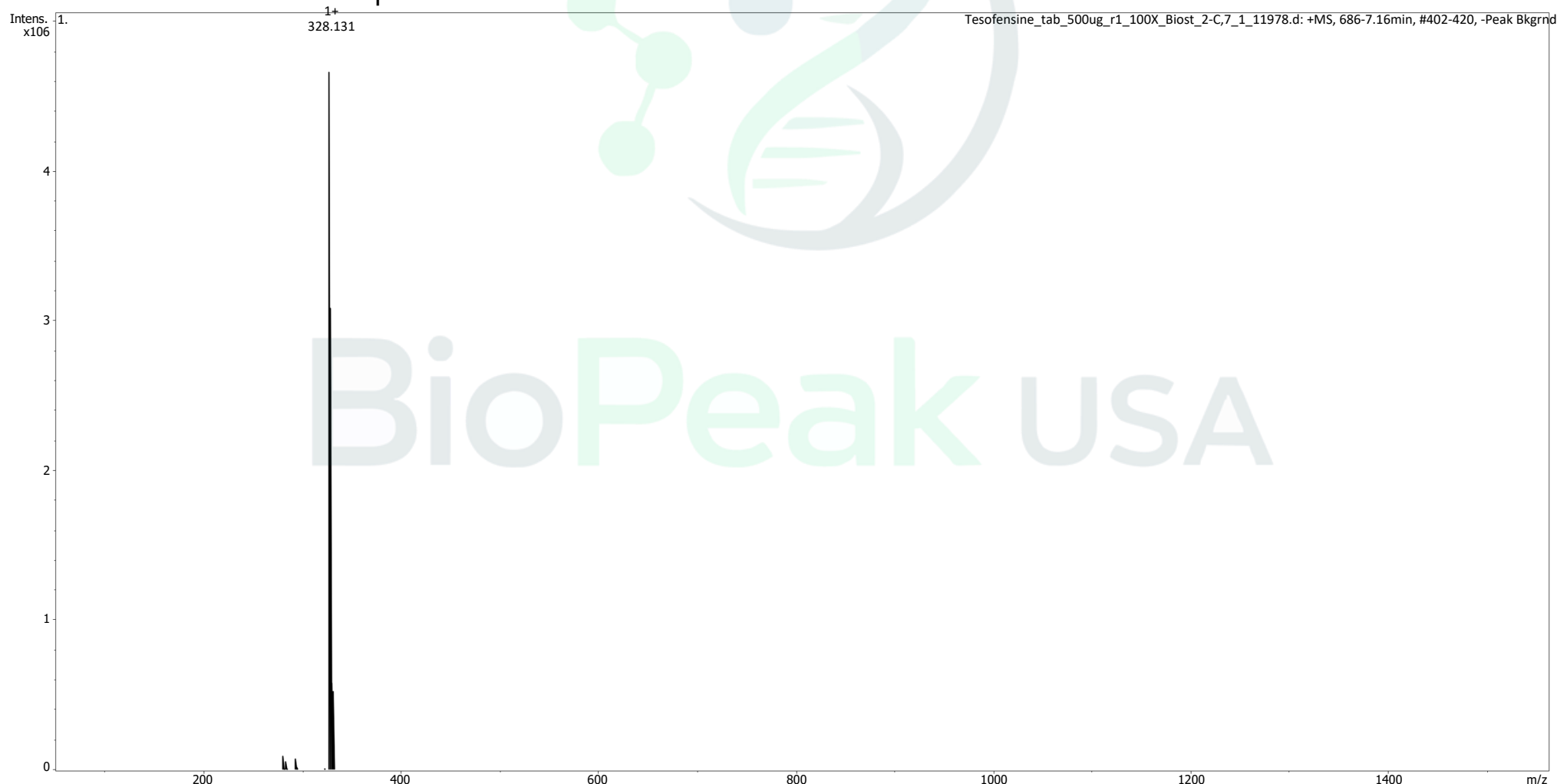
Measured monoisotopic mass : 327.13 Da

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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