MZ Biolabs
2102 N Country Club Rd
Tucson, AZ 85716
contact@mzbiolabs.com
www.mzbiolabs.com

Certificate of Analysis

Tesofensinecapsules 500 mcg

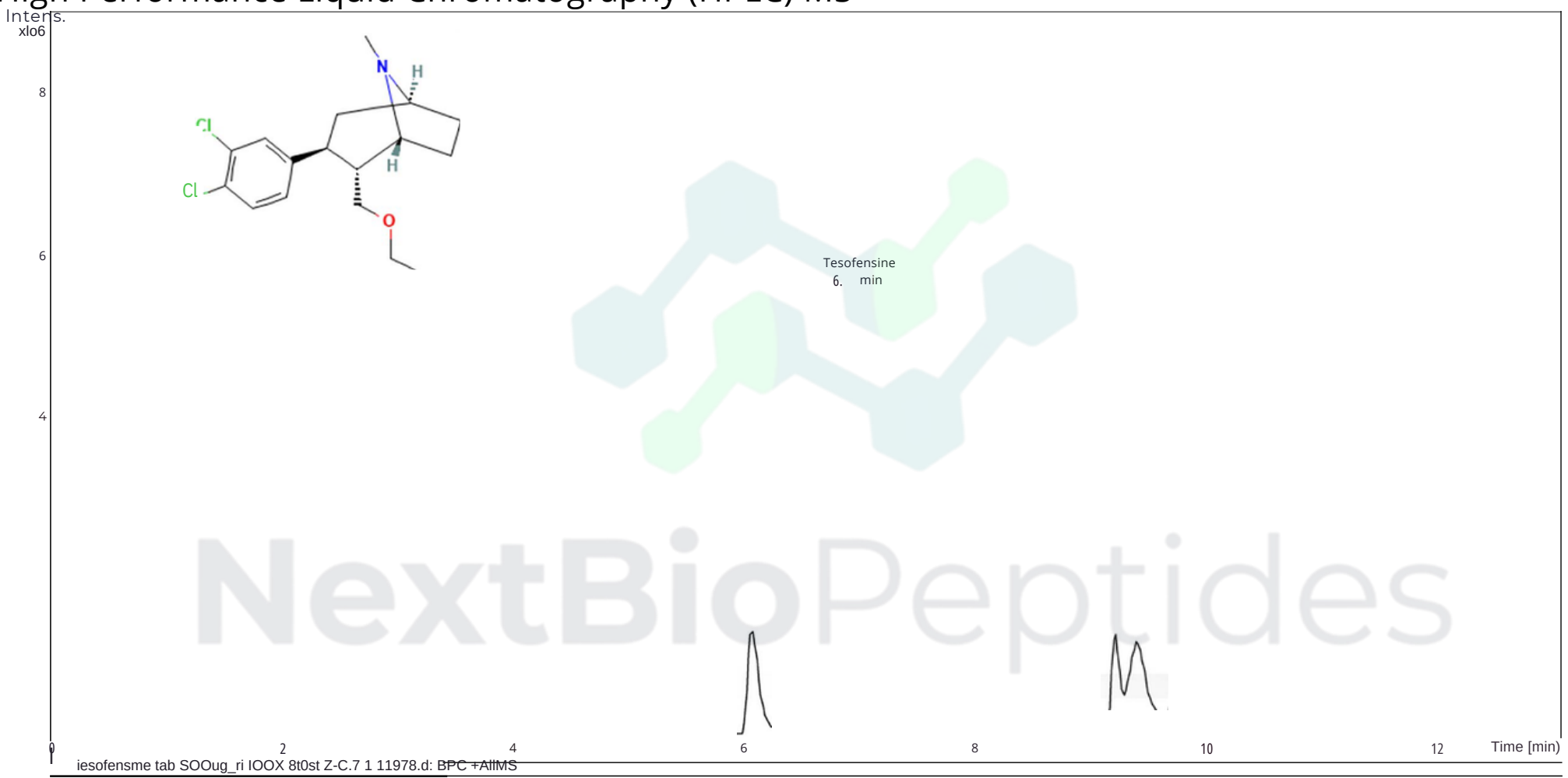
(1R,2R,38,58)-3-(3,4-dichlorophenyl)-2-(ethoxymethyl)-8-methyl-8-azabicyclo[3.2.1]octane

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

Client: NextBioPeptides
nextbiopeptides.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

Quantificationby HPLC-MS

Replicates	mcg/capsule
Tesofensine_ tab_ 500ug_r1_ Biost	500.0
Tesofensine_ tab_ 500ug_r2_Biost	541.2
Tesofensine_ tab_ 500ug_r3_ Biost	594.3
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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Tesofensine capsules 500 mcg

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Mass Spectrometry (MS) – Identity Test

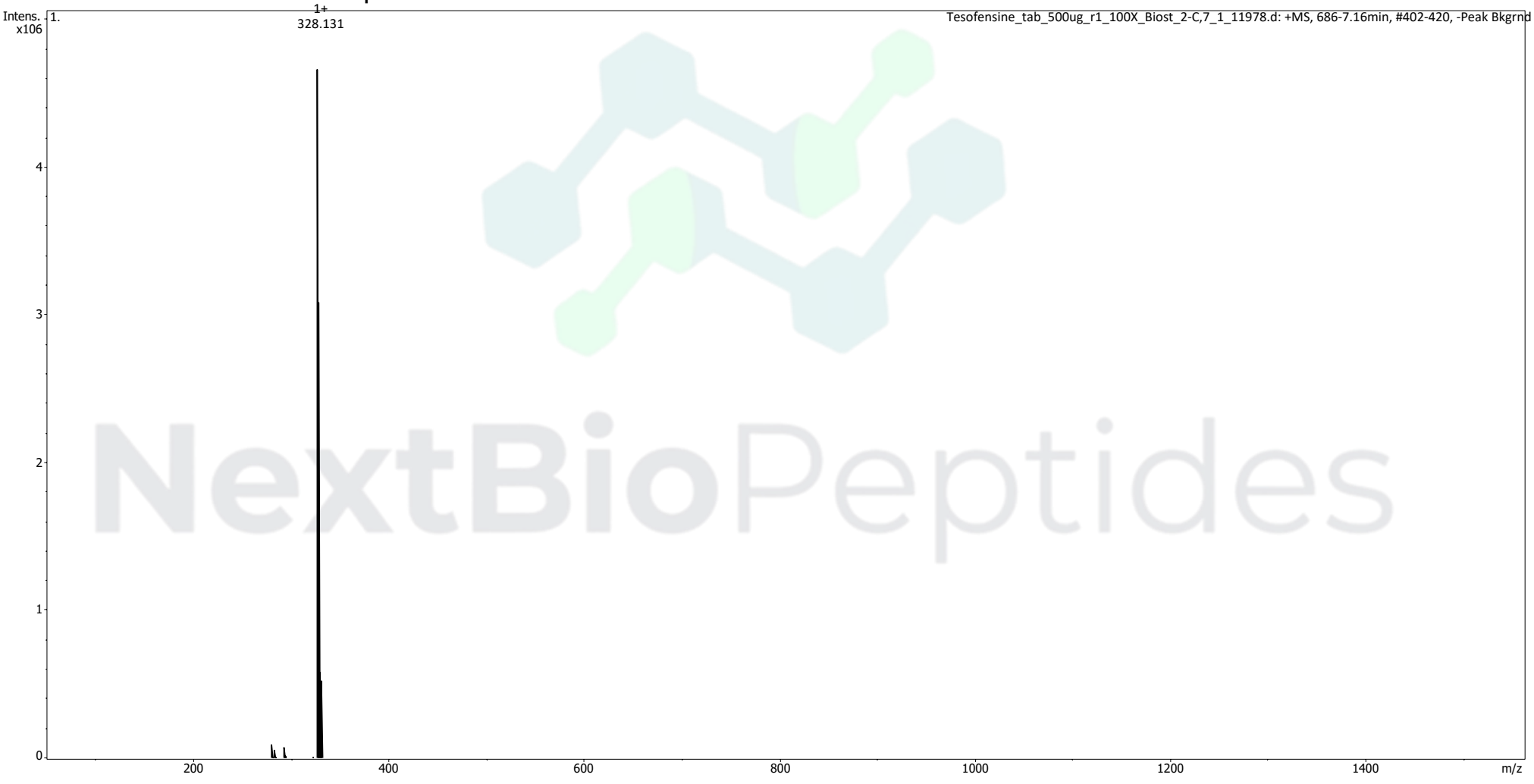
Identity confirmed using HPLC-MS
Molecular weight calculated using monoisotopic m/z values from mass spectrum

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



NextBioPeptides

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

2025-05-09