

Certificate of Analysis

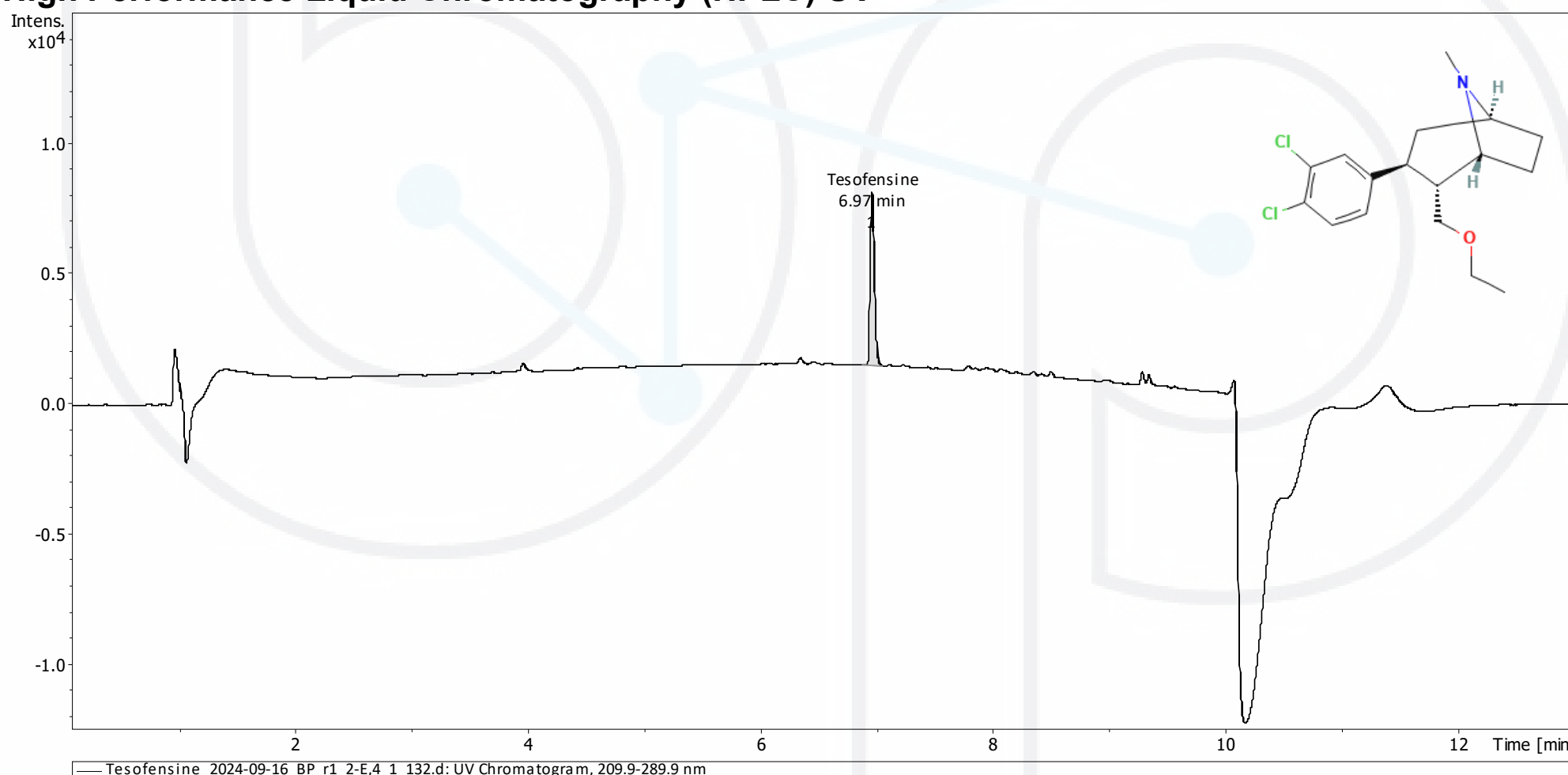
Tesofensine 250 mcg

Compound : Tesofensine
Lot number : 24255
Analysis date : 2024-10-10
Quantity : 267.7 mcg/tablet
Method : HPLC-UV-MS

Client : BioPep Research Peptides

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

High Performance Liquid Chromatography (HPLC) UV



Tesofensine detected at 6.97 minutes

Background peaks due to tablet filler

Quantification by HPLC-UV

Replicates	mcg/tablet
Tesofensine_2024-09-16_BP_r1	344.8
Tesofensine_2024-09-16_BP_r2	214.6
Tesofensine_2024-09-16_BP_r3	243.7
Average mcg/tablet	267.7

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



2024-10-11

Tesofensine 250 mcg

PubChem CID: 11370864

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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

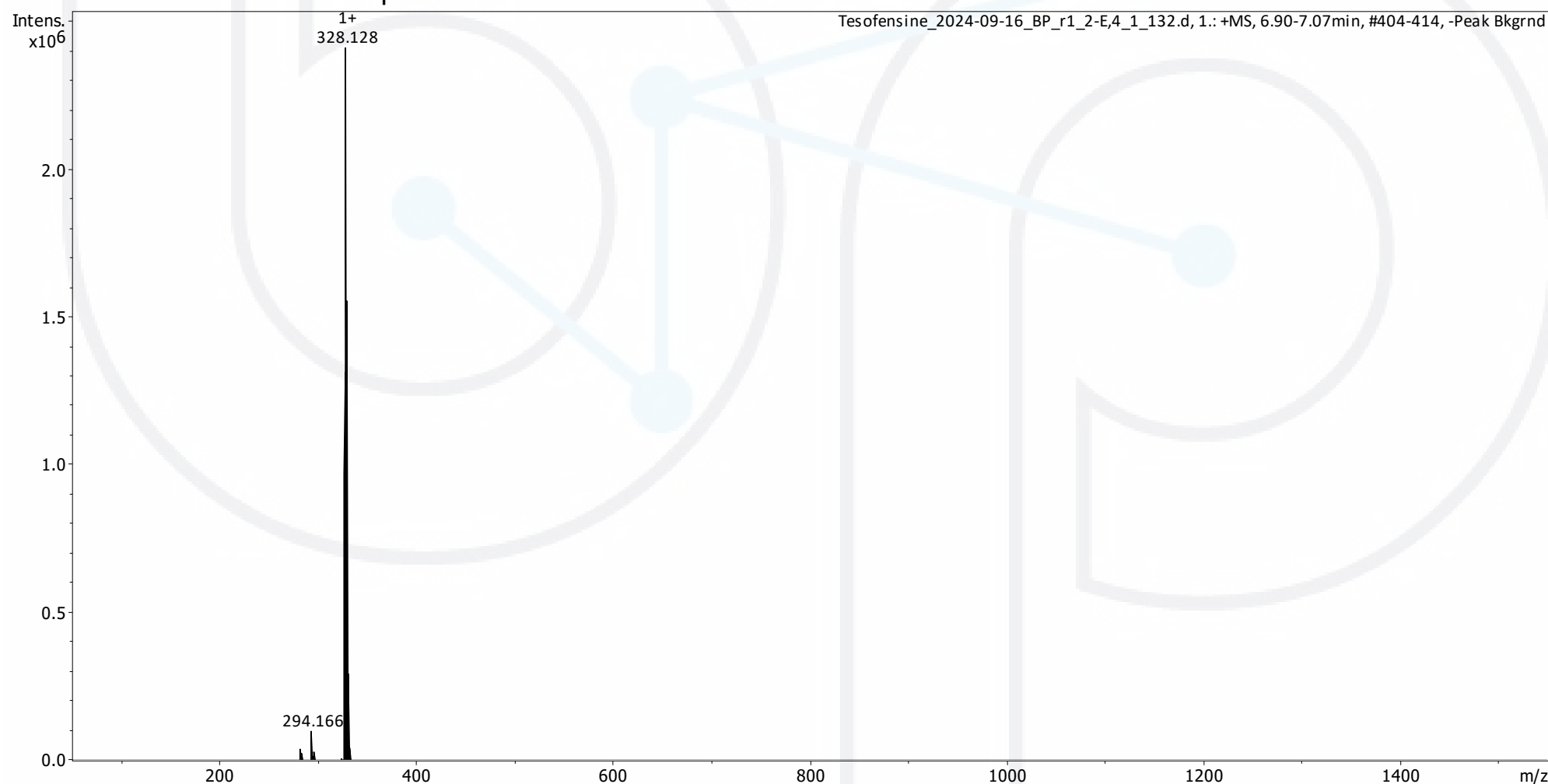
Measured monoisotopic mass : 327.13 Da

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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