

Certificate of Analysis

Tesofensine

(5R)-5-(piperidine-1-carbonyl)pyrrolidin-2-one

Compound : Tesofensine **Client** : Amino Amigos
Lot number : 2024-05-13
Analysis date : 2024-05-21
Quantity : 300.2 mcg/capsule
Method : HPLC-UV-MS

PubChem CID: 11370864

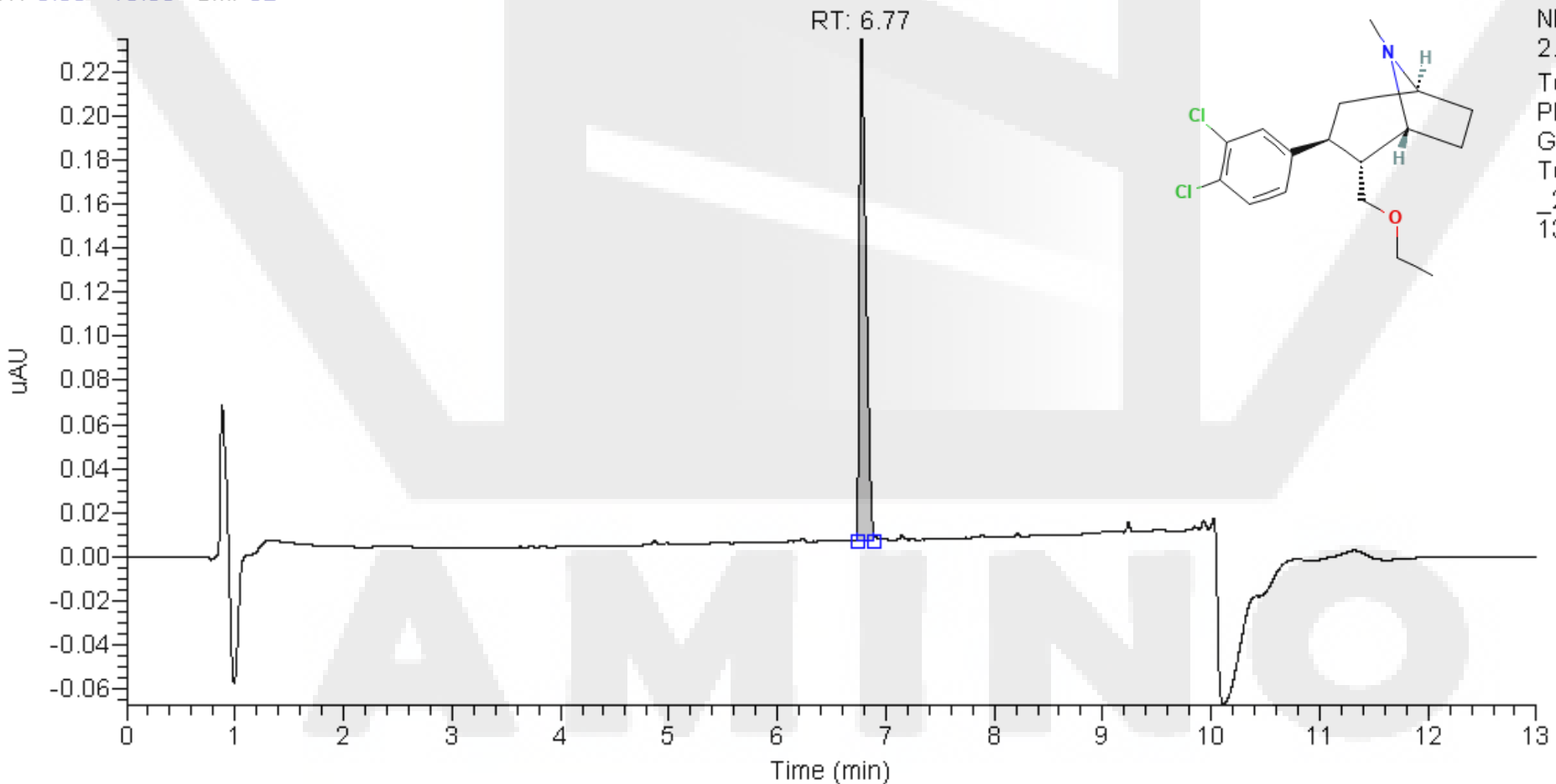
<https://pubchem.ncbi.nlm.nih.gov/compound/11370864>

High Performance Liquid Chromatography (HPLC) UV

Tesofensine_2024-05-13_r1

5/21/2024 1:21:53 PM

RT: 0.00 - 13.00 SM: 3B



Tesofensine detected at 6.77 minutes

Background peaks due to capsule filler

Quantification by HPLC-UV

Replicates	mcg/capsule
Tesofensine_2024-05-13_r1	264.5
Tesofensine_2024-05-13_r2	298.9
Tesofensine_2024-05-13_r3	337.1
Average mcg/capsule	300.2

Analysis Performed by
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2024-05-21

Tesofensine

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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 : 327.20 Da

Molecular weight confirmed

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

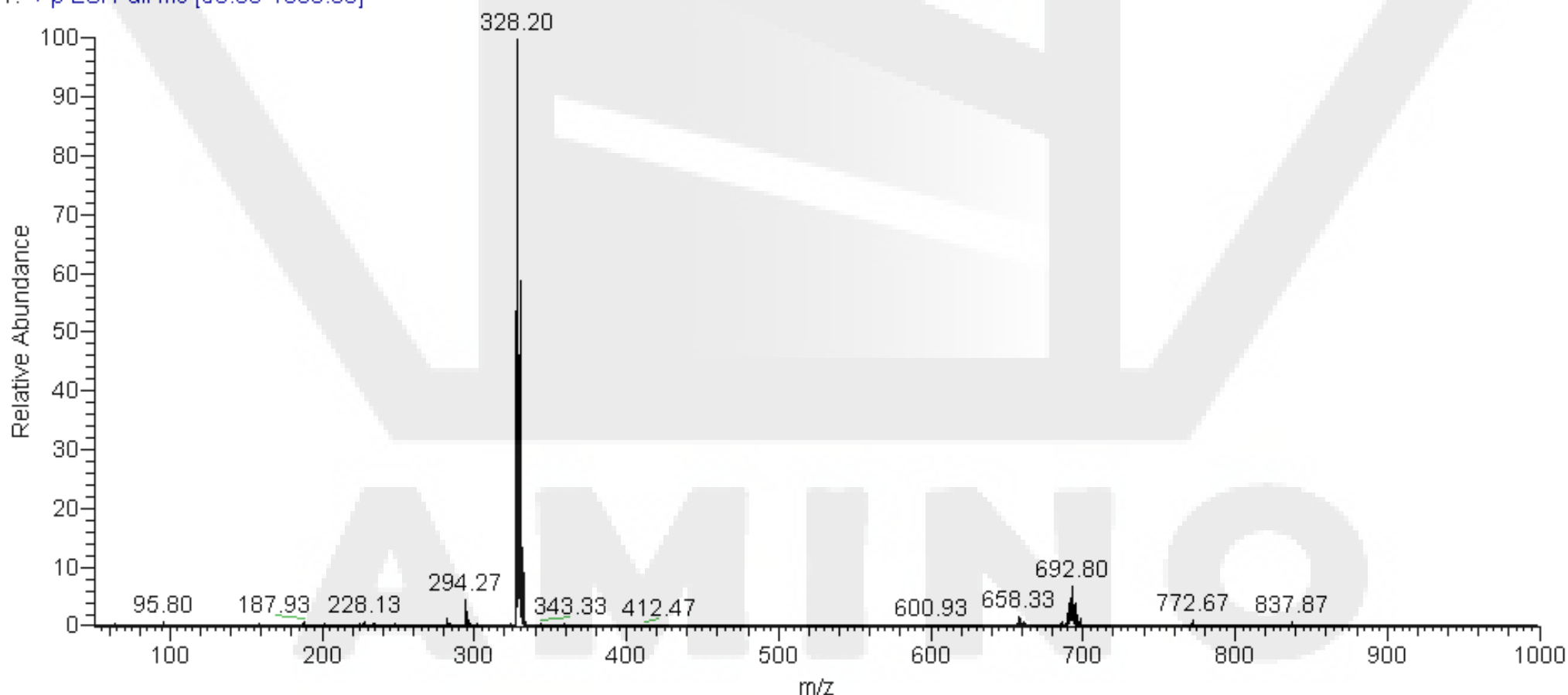
The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

Recorded MS spectrum

Tesofensine_2024-05-13_r1

5/21/2024 1:21:53 PM

Tesofensine_2024-05-13_r1 #440 RT: 6.85 AV: 1 NL: 7.05E8
T: + p ESI Full ms [50.00-1000.00]



AMIGOS

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