

Certificate of Analysis

SLU-PP-332 capsules

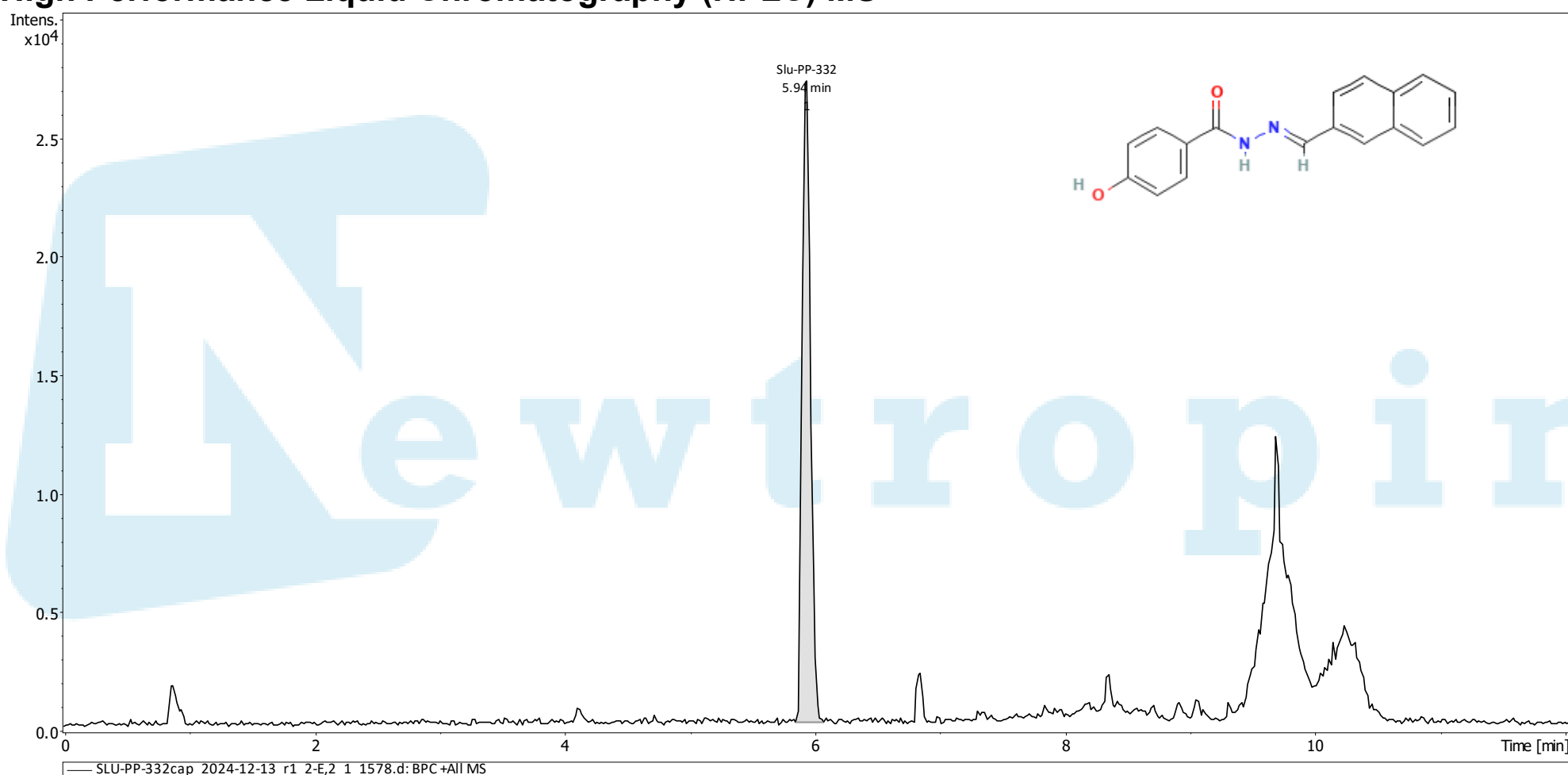
4-hydroxy-N-[(E)-naphthalen-2-ylmethylideneamino]benzamide

Compound : SLU-PP-332
Lot number : 2024-12-13
Analysis date : 2024-12-30
Quantity : 101.9 mcg/capsule
Method : HPLC-MS

Client : Newtropin
<http://www.Newtropin.com/>

PubChem CID: 135741221
<https://pubchem.ncbi.nlm.nih.gov/compound/135741221>

High Performance Liquid Chromatography (HPLC) MS



SLU-PP-332 detected at 5.94 minutes

Background peaks due to capsule filler

Quantification by HPLC-MS

Replicates	mcg/capsule
SLU-PP-332cap_2024-12-13_r1	94.0
SLU-PP-332cap_2024-12-13_r2	16.9
SLU-PP-332cap_2024-12-13_r3	210.6
SLU-PP-332cap_2024-12-13_r4	78.1
Average mcg/capsule	101.9

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



2025-01-02

SLU-PP-332 capsules

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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 : 290.11 Da

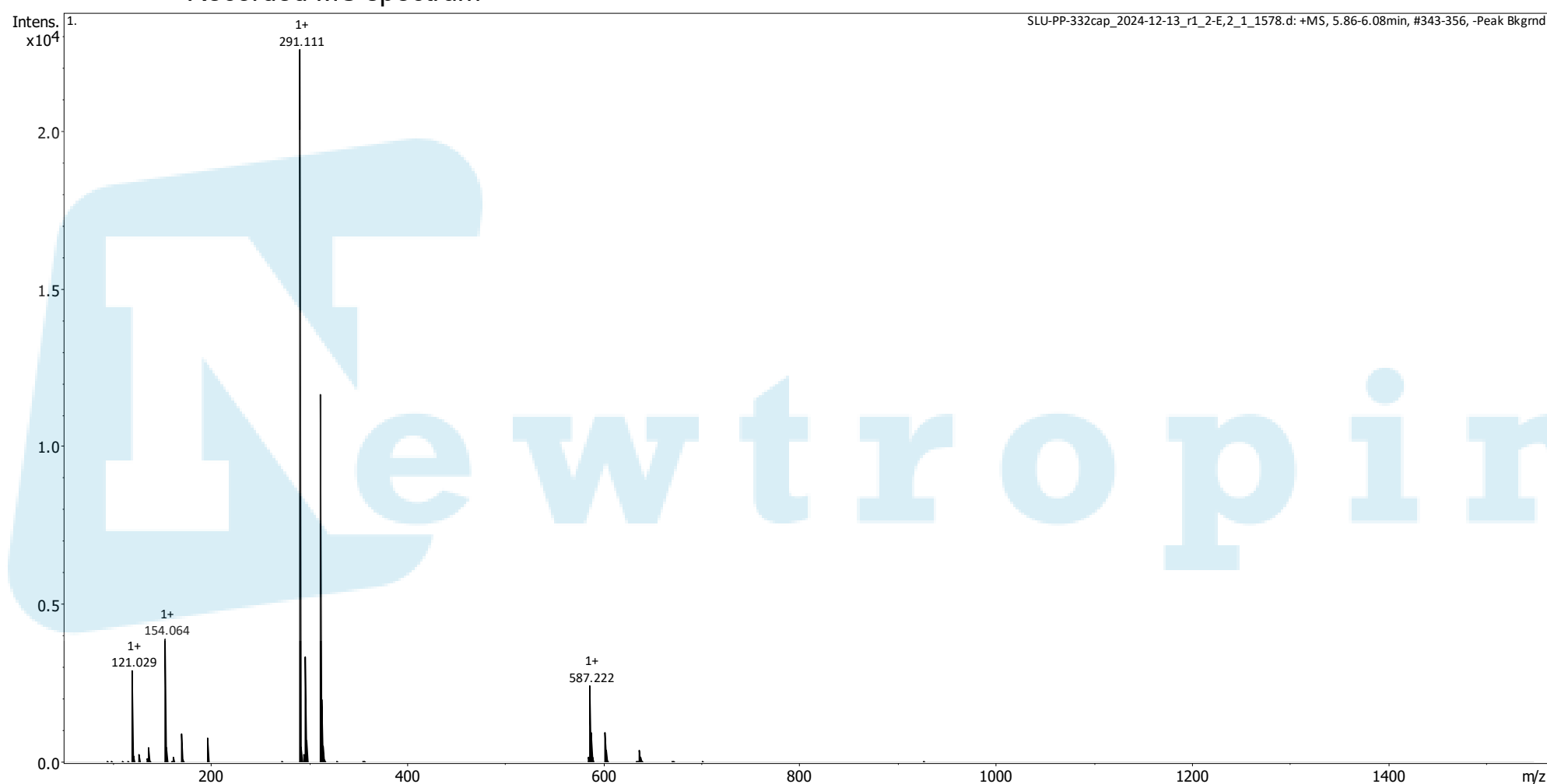
Measured monoisotopic mass : 290.11 Da

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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