

Certificate of Analysis

SLU-PP-332 Tablets

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

Compound : SLU-PP-332

Lot number : 2024-12-19

Analysis date : 2025-01-10

Quantity : 341 mcg/tablet

Method : HPLC-MS

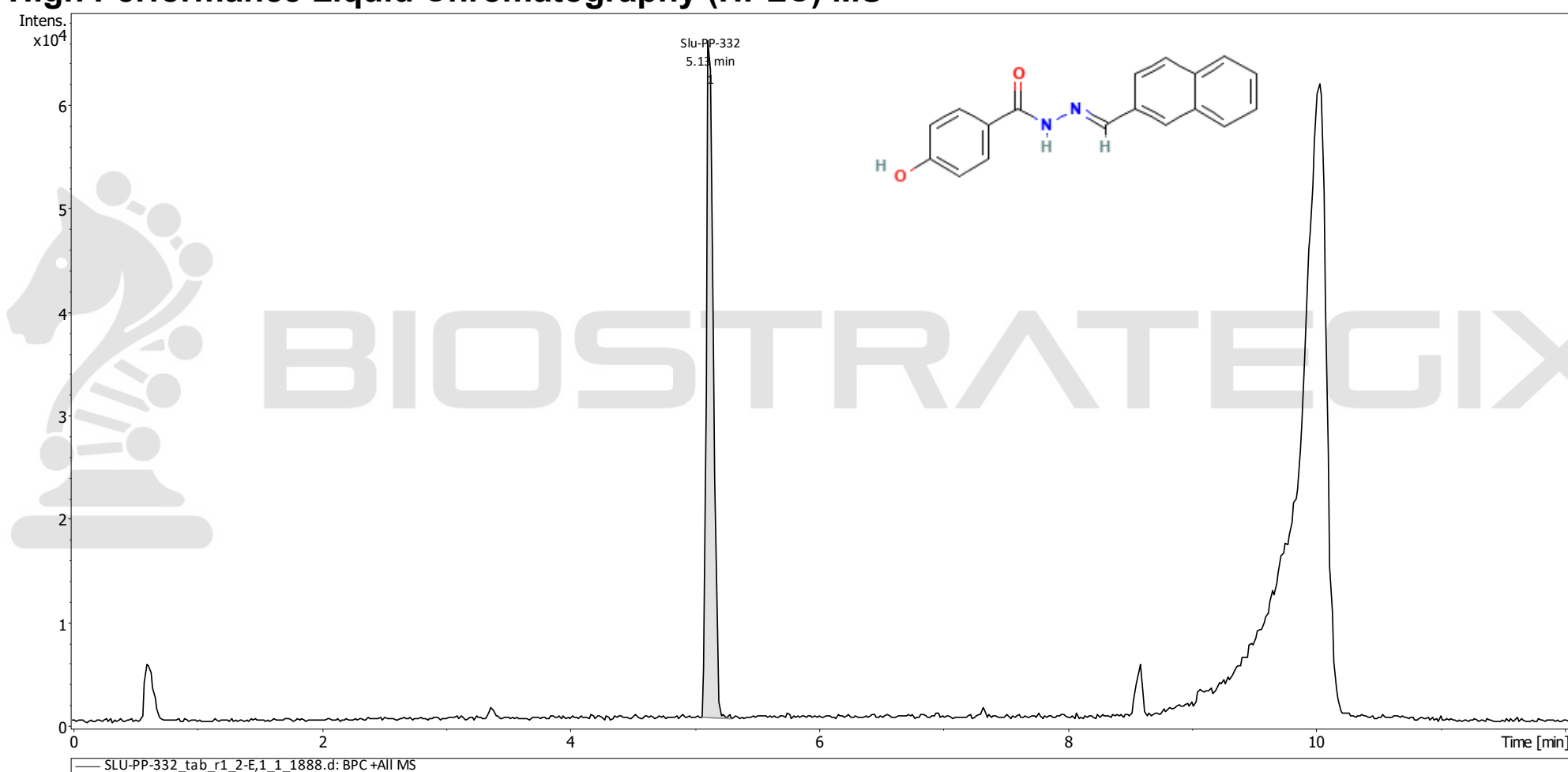
Client : Biostrategix

<https://biostrategix.com/>

PubChem CID: 135741221

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

High Performance Liquid Chromatography (HPLC) MS



SLU-PP-332 detected at 5.13 minutes

Background peaks due to tablet filler

Quantification by HPLC-MS

Replicates	mcg/tablet
SLU-PP-332_tab_r1	304.6
SLU-PP-332_tab_r2	318.2
SLU-PP-332_tab_r3	354
SLU-PP-332_tab_r4	350.7
Average mcg/tablet	341.0

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
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2025-01-13

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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

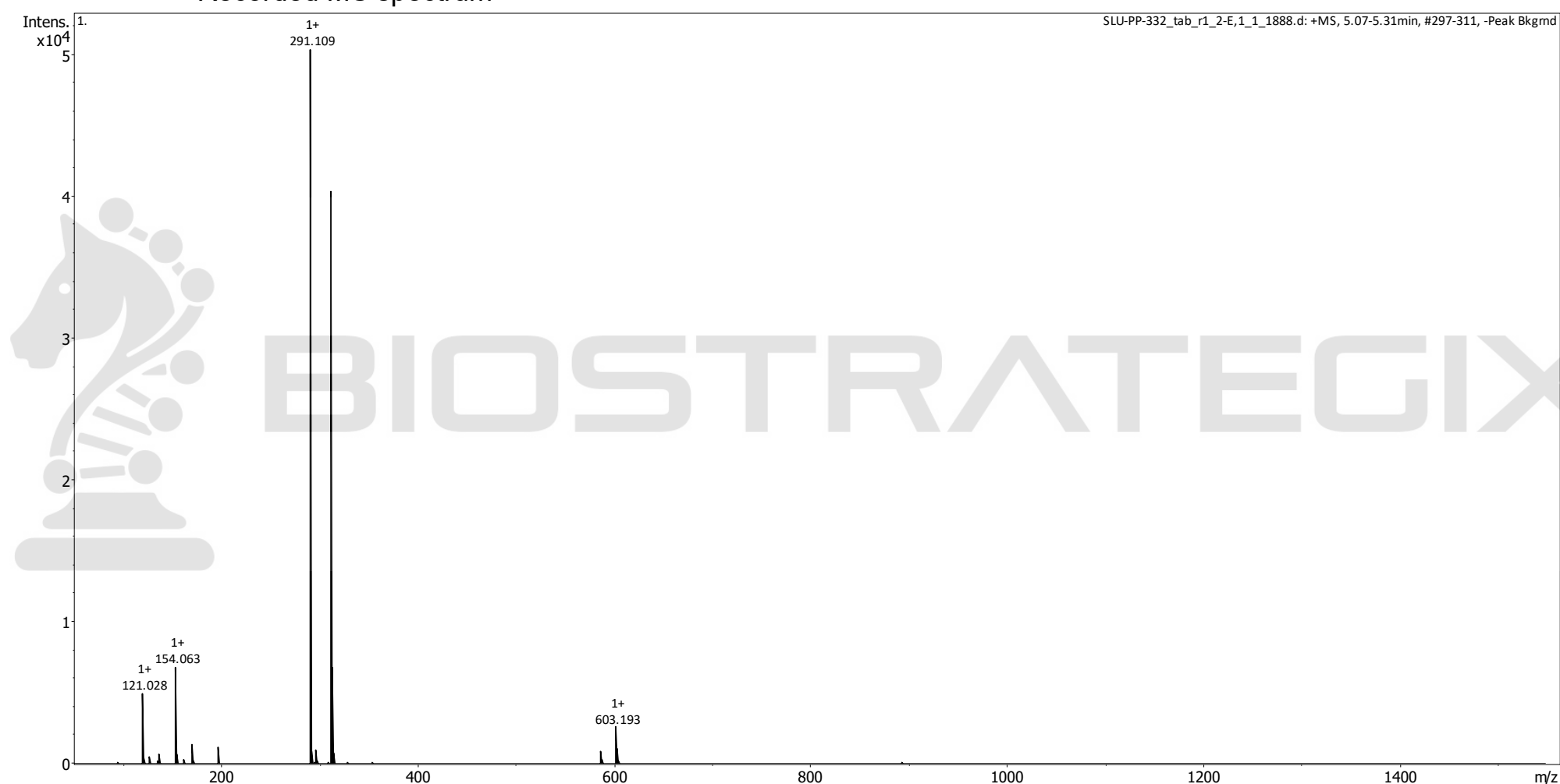
Measured monoisotopic mass : 290.11 Da

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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2025-01-13