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

Certificate of Analysis

SLU-PP-332 Tablets

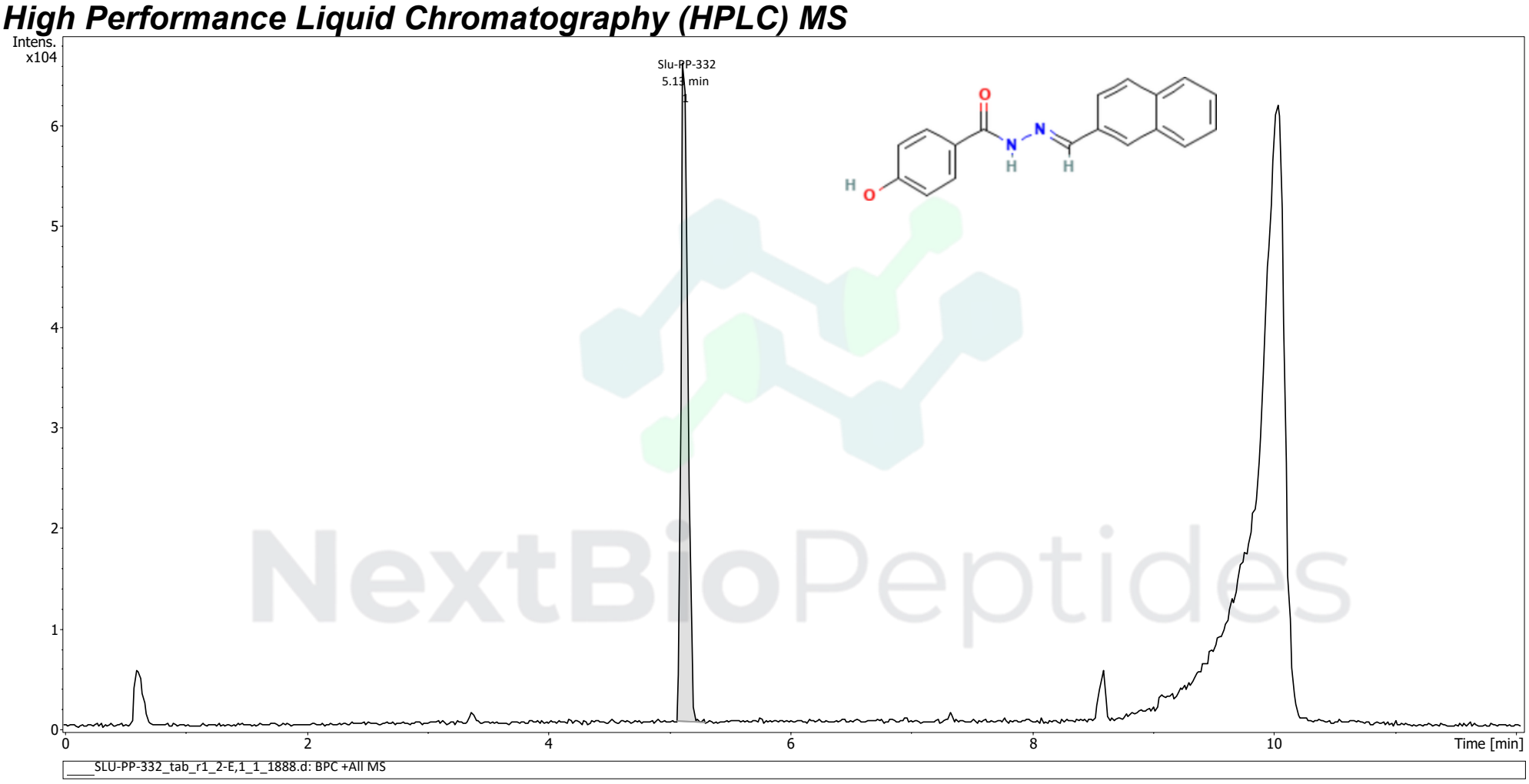
4-hydroxy-N-[(E)-naphthalen-2-ylmethylideneamino]benzamide

Compound ***: SLU-PP-332***
Lot number ***: 2024-12-19***
Analysis date ***: 2025-01-10***
Quantity ***: 341 mcg/tablet :***
Method ***HPLC-MS***

Client : NextBioPeptides
nextbiopeptides.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

QuantificationbyHPLC-MS

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

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

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



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