

Client: NextGen Bioactive
support@nextgenbio.io
nextgenbio.io

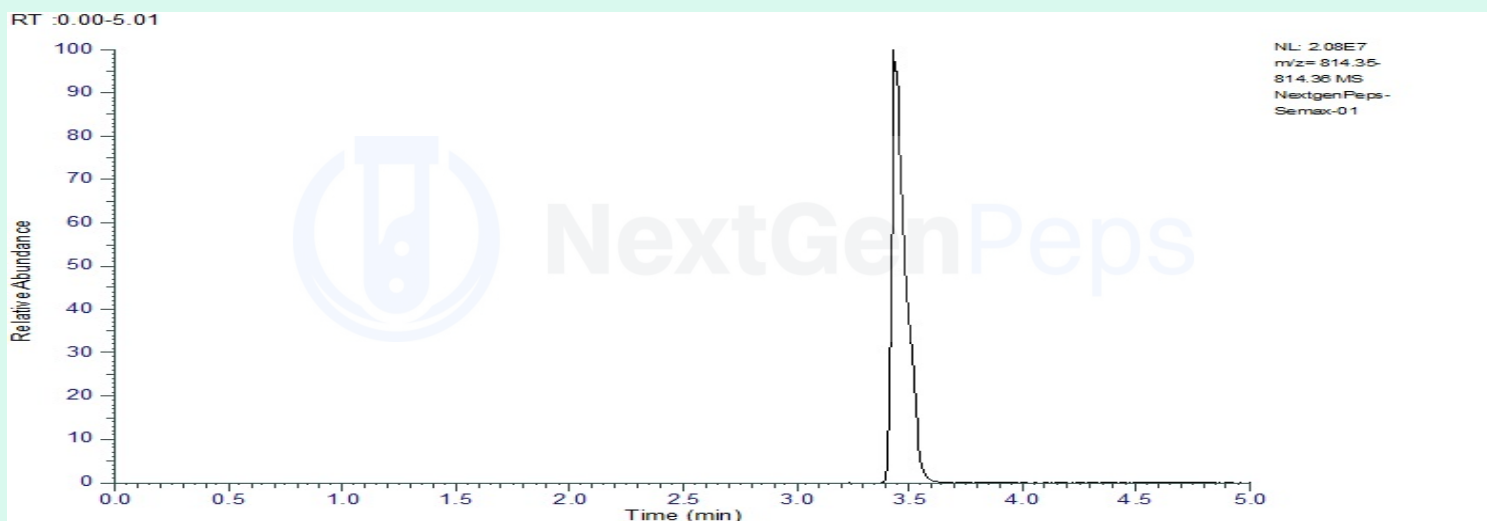
Sample received: **07/09/25**
Analysis conducted: **07/17/25**

Compound:	Semax	CAS:	80714-61-0
Batch/Lot #:	MG2025661XA10	Formula:	C39H54N10O10S
Appearance:	White lyophilized powder	Mol Wt:	854.99 g/mol

Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry
Pubchem CID: 9811102
[Pubchem - Semax](#)

	Specification	Result	
Identity Test:	Semax	Semax	Conforms
Quantity:	10 mg	-	N/A
Purity:	>98%	99.71%	Conforms

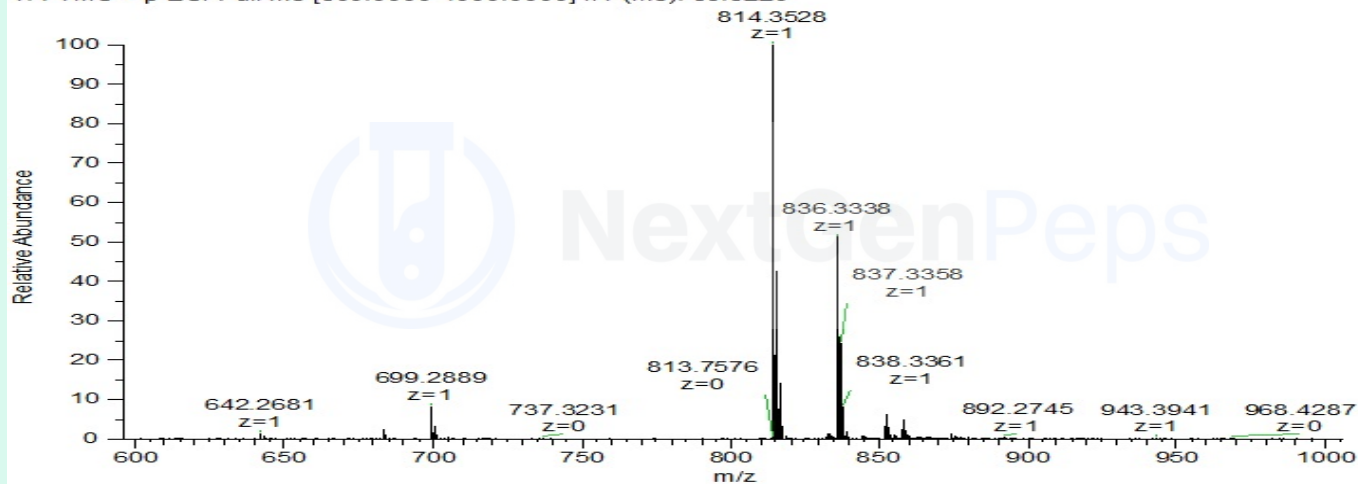
LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis

NextgenPeps-Semax-01 #4113 RT: 3.45 AV: 1 NL: 1.96E7

T: FTMS + p ESI Full ms [600.0000-1000.0000] IIT (ms): 53.6220



Analysis Performed by

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Analytical Chemist
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Roberto Marin

COA #10673
Security Key **NEXTPEPS0**
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