

**Client: NextgenPeps**  
 support@nextgenpeps.com  
 nextgenpeps.com

 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

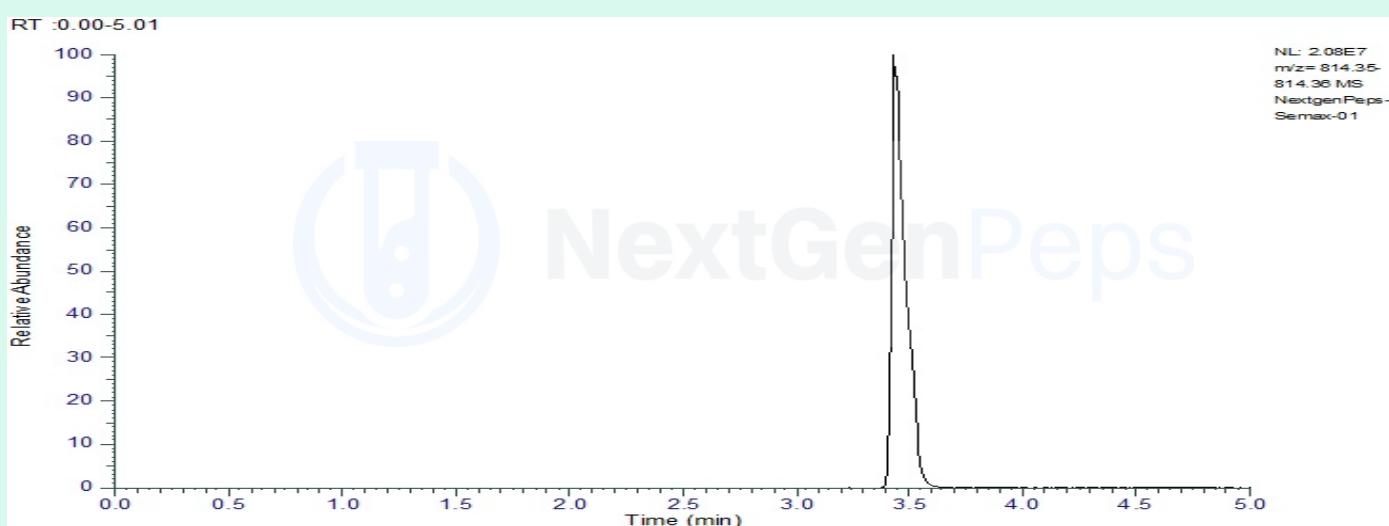
**Method:** Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

**Pubchem CID:** 9811102

[Pubchem - Semax](#)

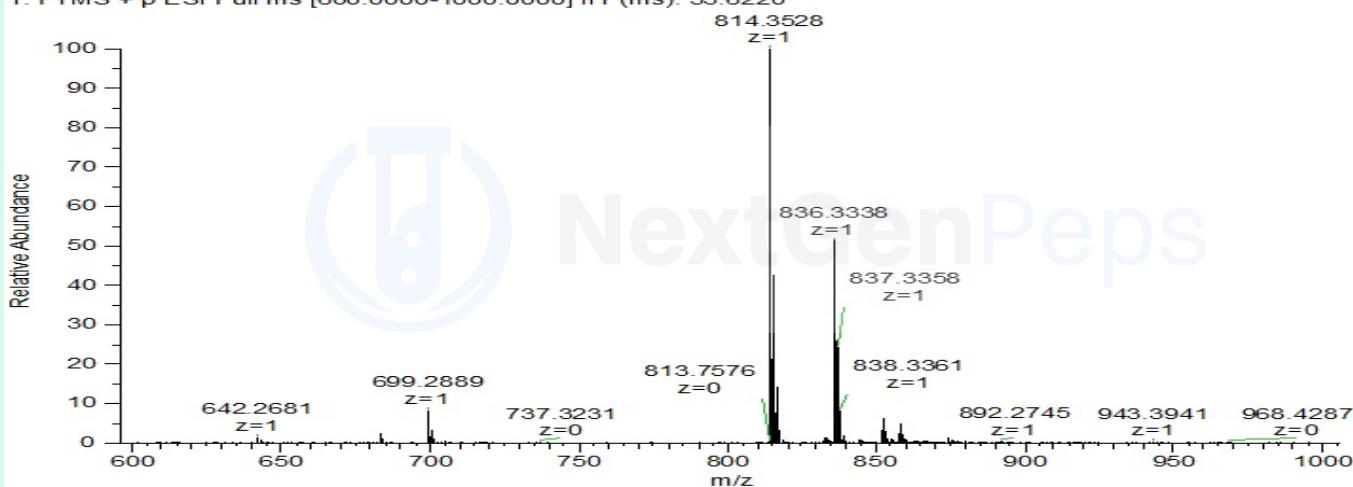
	Specification	Result	
Identity Test:	Semax	<b>Semax</b>	<b>Conforms</b>
Quantity:	10 mg	-	<b>N/A</b>
Purity:	>98%	<b>99.71%</b>	<b>Conforms</b>

### LC-MS Chromatogram: Retention Time and Peak Analysis



## Full Scan Mass Spectrometry Analysis

NextgenPeps-Semax-01 #413 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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