

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

Sample received: **12/18/25**  
 Analysis conducted: **12/31/25**

Compound:	Retatrutide (10 mg)	CAS:	2381089-83-2
Batch/Lot #:	N/A	Formula:	C221H342N46O68
Appearance:	White lyophilized powder	Mol Wt:	4845.444 g/mol

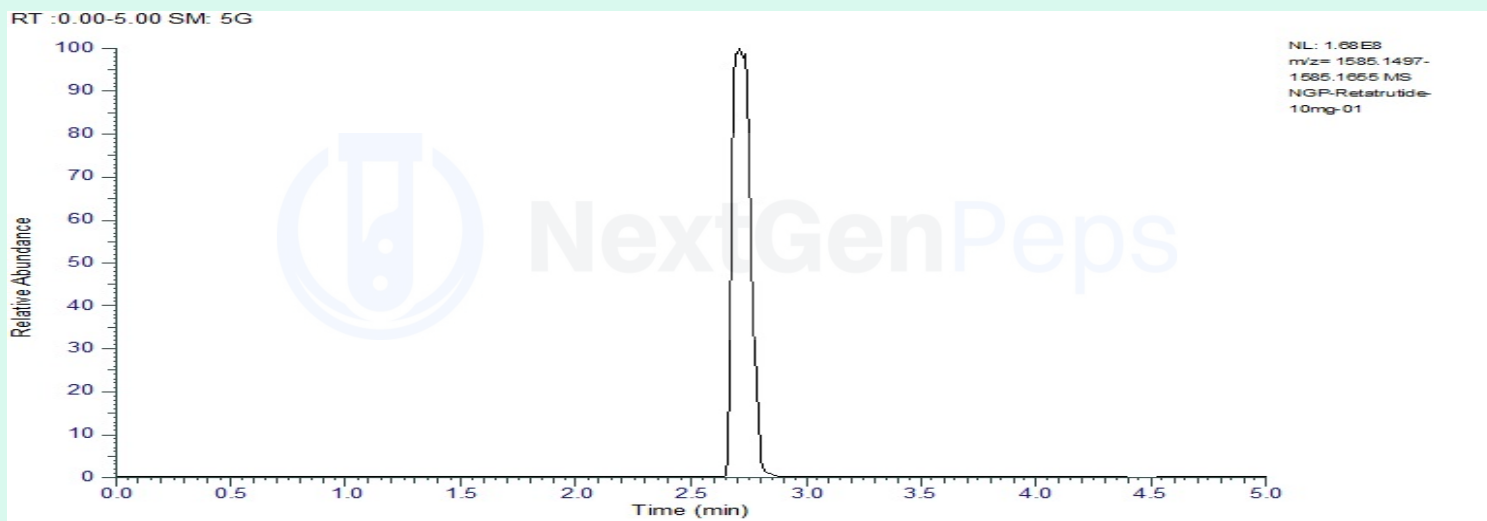
**Method:** Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

**Pubchem CID:** 171390338

Retatrutide | C221H342N46O68 | Pubchem CID 171390338

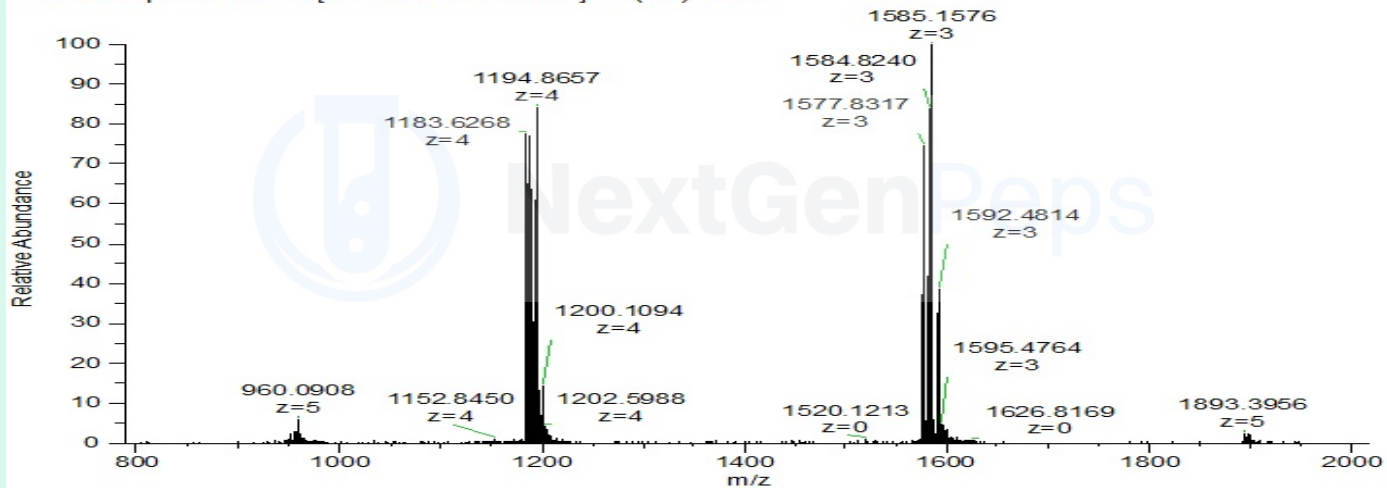
	Specification	Result	
Identity Test:	Retatrutide	<b>Retatrutide</b>	<b>Conforms</b>
Purity:	>99%	<b>99.79%</b>	<b>Conforms</b>

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



# Full Scan Mass Spectrometry Analysis

NGP-Retatrutide-10mg-01 #314 RT: 2.73 AV: 1 NL: 1.63E8  
T: FTMS + p ESI Full ms [800.0000-2000.0000] IIT (ms): 0.15



## Analysis Performed by

Dr. Roberto Marin  
Analytical Chemist  
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*Roberto Marin*