

Lot Number: **PP-1106202-P**  
 Client Name: **Purple peptides**  
 Identity: <https://www.purplepeptides.net>


Received Date: **04/23/2026**  
 Analysis Conducted: **04/18/2026**  
 Searchable via: [horizonanalytical.com](https://horizonanalytical.com)

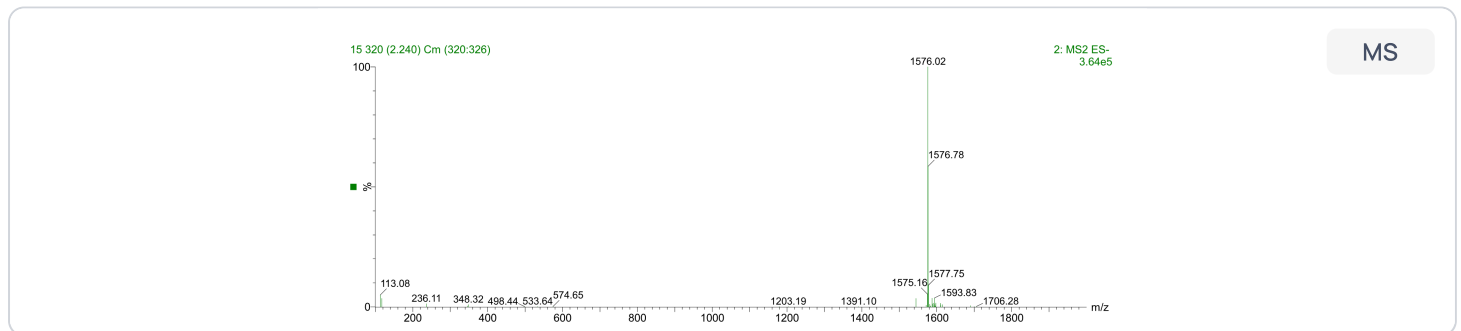
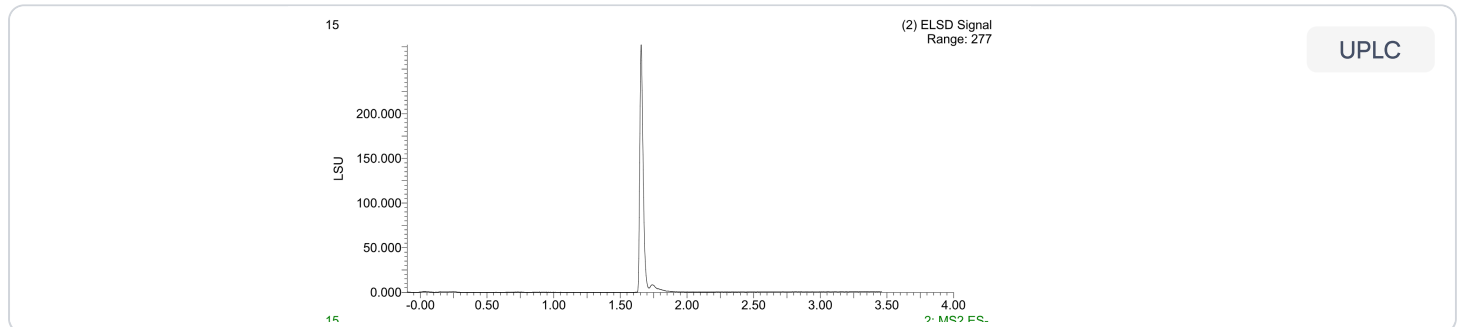
<b>Compound:</b>	Retatrutide
<b>Lot:</b>	PP-1106202-P
<b>Appearance:</b>	White Lyophilized Powder

<b>CAS:</b>	2381089-83-2
<b>Formula:</b>	C <sub>221</sub> H <sub>342</sub> N <sub>46</sub> O <sub>68</sub>
<b>Mol Weight:</b>	~4731 g/mol

Pubchem CID: 171390338

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

	Specification	Result	Scan to Validate:
Compound Test:	Retatrutide	Retatrutide	
Quantity:	30mg	29.8mg	
Purity:	>98%	99.38%	



**Aleksey Yevtodiyyenko PhD**  
 Research and Formulation Chemist

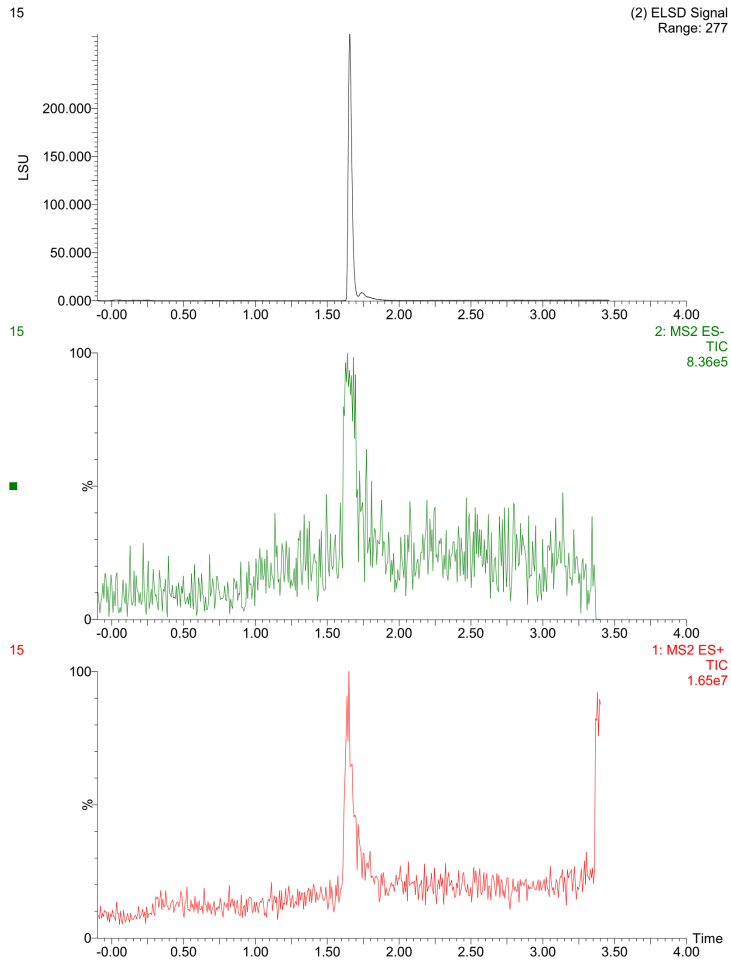


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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Retatrutide (30mg) • Pubchem CID: 171390338  
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

