Horizon Analytical

Certificate of Analysis

Lot Number: **VP-4892263**
Client Name: **Valkyrie Peptides**
Identity: **https://www.valkyriepeptides.com**

Received Date: **01/08/2026**
Analysis Conducted: **01/12/2026**
Searchable via: **horizonanalytical.com**

Compound:	Retatrutide
Lot:	VP-4892263
Appearance:	White Lyophilized Powder

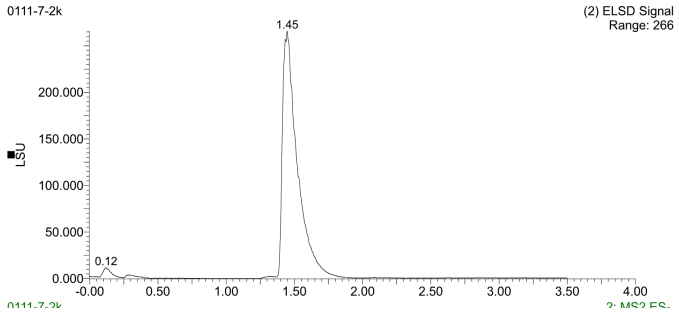
CAS:	2381089-83-2
Formula:	$C_{221}H_{342}N_{46}O_{68}$
Mol Weight:	~4731 g/mol

Pubchem CID: 171390338

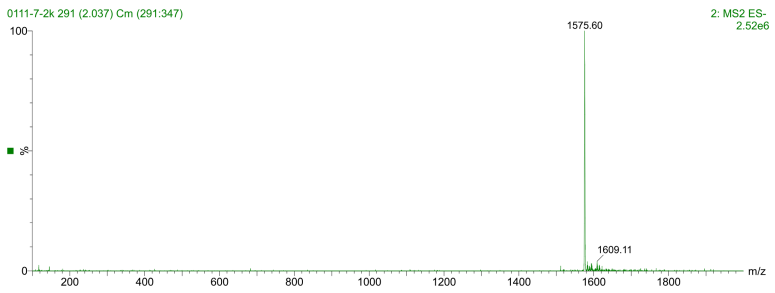
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	**Retatrutide**	**Retatrutide**	
Quantity:	**30mg**	**30.25mg**	
Purity:	**>98%**	99.31%	

UPLC



MS



Aleksey Yevtodiyenko 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.

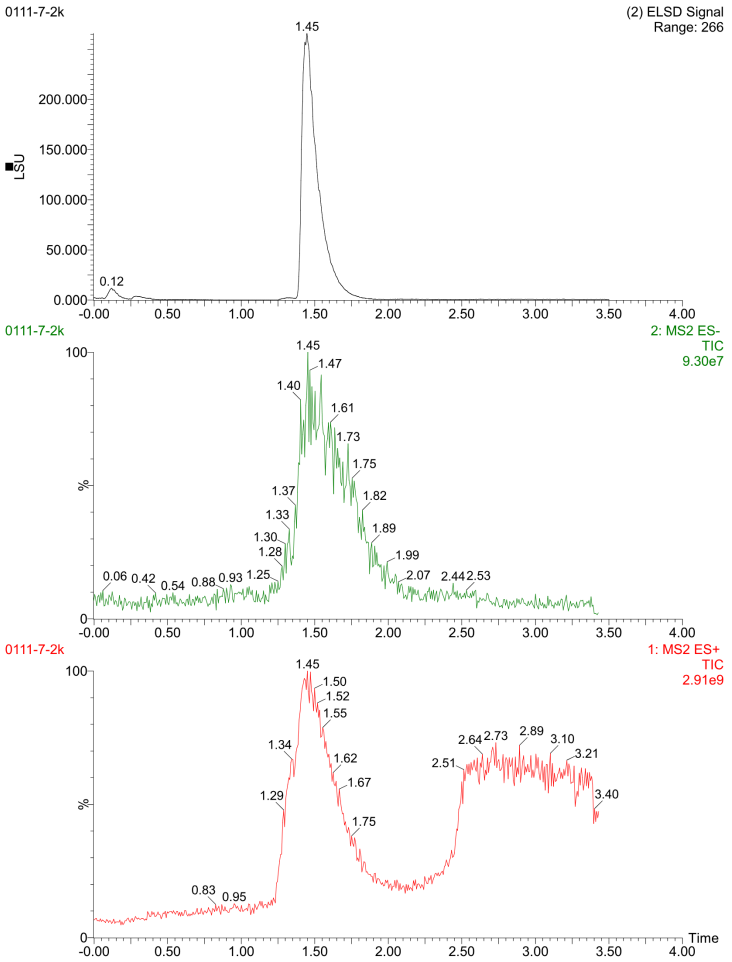
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Retatrutide (30mg) • Pubchem CID: 171390338
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

