Horizon Analytical

Certificate of Analysis

Lot Number: DPS-4391130
Brand / Distributed by: Direct Peptides
Identity: directpeptides.com
Product Type: Lyophilized Vials

Analysis Date: 10/05/2026
Searchable via: horizonanalytical.com

Compound:	Retatrutide
Report Number:	1030182
Appearance:	White Lyophilized Powder

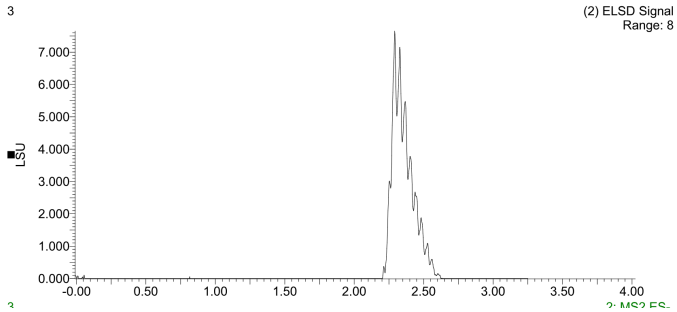
CAS:	2381089-83-2
Formula:	$C_{221}H_{342}N_{46}O_{68}$
Mol Weight:	~4731 g/mol

Pubchem CID: 171390338

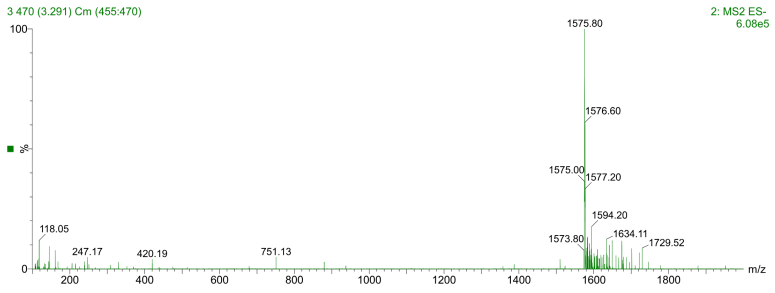
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Identification:	Retatrutide	Retatrutide	
Quantitation:	15mg	14.95mg	
Purity:	>98%	99.47%	

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.

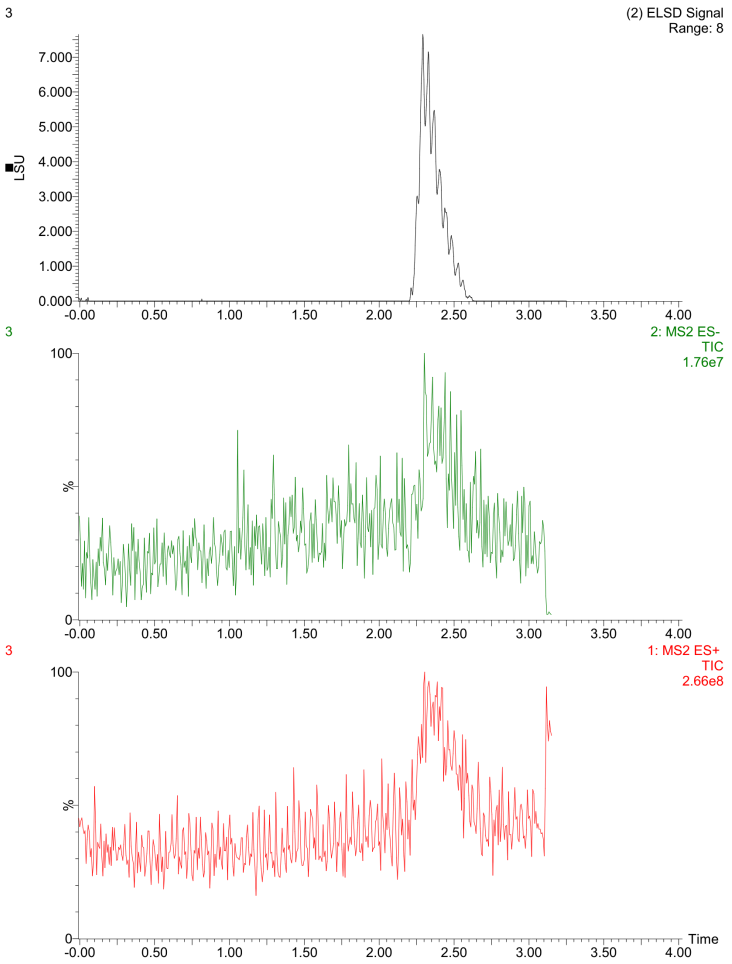
Horizon Analytical

Certificate of Analysis

Lot Number: DPS-4391130
Brand / Distributed by: Direct Peptides
Identity: directpeptides.com
Product Type: Lyophilized Vials

Analysis Date: 10/05/2026
Searchable via: horizonanalytical.com

Retatrutide (15mg) • Pubchem CID: 171390338
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

