

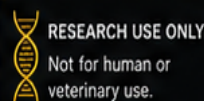


Product Name: Retatrutide
Batch / Lot No.: HL-107
CAS No.: 2381089-83-2
Molecular Formula: C₂₂₁H₃₄₂N₄₆O₆₈
Molecular Weight: 4731.33 g/mol
Appearance: White lyophilized powder
Manufacture Date: 02 Mar 2026
Date of Analysis: 05 Mar 2026
Expiry Date: 02 Mar 2028
Storage Conditions: Store at -20°C. Protect from light and moisture.

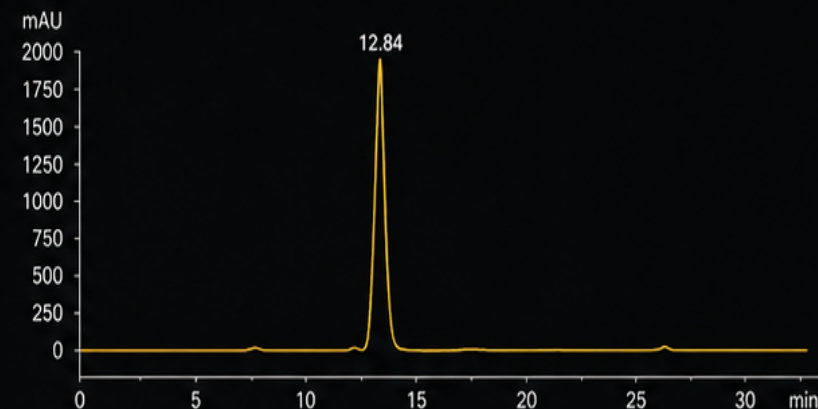
SUPPLIER INFORMATION

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HPLC CHROMATOGRAM



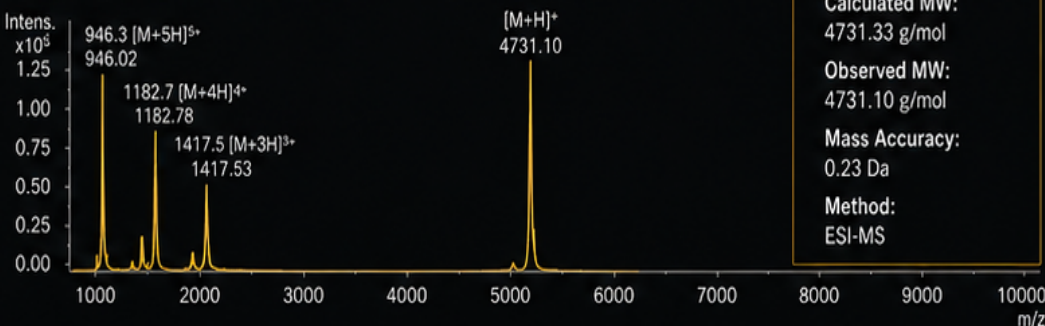
TEST RESULTS

TEST	SPECIFICATION	RESULT	METHOD	TEST	SPECIFICATION	RESULT	METHOD
Appearance	White lyophilized powder	Conforms	Visual	Residual Solvents	≤ 0.5%	0.08%	GC
Purity (HPLC)	≥ 98.0%	99.12%	HPLC	pH (1% Solution)	4.0 – 7.0	6.1	pH Meter
Peptide Content	≥ 95.0%	97.85%	HPLC	Endotoxin Level	≤ 0.1 EU/mg	< 0.1 EU/mg	LAL
Molecular Weight	4731.33 g/mol (±1%)	4731.10 g/mol	ESI-MS	Sterility	Pass	Pass	USP <71>
Identity	Conforms	Conforms	HPLC / MS	Solubility (1 mg/mL in water)	Clear solution	Conforms	Visual
Water Content (KF)	≤ 5.0%	2.10%	Karl Fischer				
Acetic Acid Content	≤ 10.0%	4.32%	Titration				

Column: C18, 4.6 x 250 mm, 5 μm
Mobile Phase A: 0.1% TFA in Water
Mobile Phase B: 0.1% TFA in Acetonitrile
Flow Rate: 1.0 mL/min
Gradient: 5% to 95% B in 30 min
Detection: 220 nm
Retention Time: 12.84 min
Purity (Area %): 99.12%

Conclusion: This batch complies with the above specifications.

MASS SPECTROMETRY (ESI-MS)



ADDITIONAL INFORMATION

Retatrutide is a synthetic peptide supplied for research and laboratory use only. It is not intended for human or veterinary diagnostic, therapeutic or clinical use.

Analysed By:

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 Dr. A. Morgan
 Senior Analytical Chemist

Approved By:

Dr. L. Carter
 Dr. L. Carter
 Head of Quality Control

Helios Labs Analytical Division
 West Sussex, United Kingdom

Date: 05 Mar 2026



THIS COA CERTIFIES QUALITY
YOU CAN TRUST.

Each batch is tested to ensure
purity, identity and consistency.



MADE IN
UK