

RET-028

REPORTED June 23, 2026

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§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	RET-028	Total Mass:	94.9 mg	CAS:	2381089-83-2
Compound:	Retatrutide	Appearance:	Lyophilized powder	Formula:	C₂₂₉H₃₆₆N₅₀O₇₅
Report No.:	COA-2026-SC-00072	Received:	06/18/2026	Mol Weight:	4734.4 g/mol
Lot Number:	7PXZ0MJ7-001	Analyzed:	06/23/2026		

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)

	SPECIFICATION	RESULT	STATUS
Compound Test:	Retatrutide	Retatrutide	PASS
Quantity:	10.00 mg	10.70 mg	
Purity:	≥ 98 %	99.01 %	

§ 03 LC-MS/MS Detail

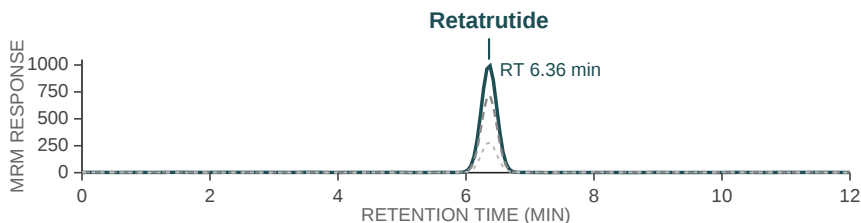
METHOD B · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+5H]⁵⁺

947.90 Da

Quantifier transition ● MRM

947.90 > 136.10 CE 30 V



ROLE	TRANSITION	CE
● Quantifier	947.9 > 136.1	30 V
■ Qualifier	947.9 > 110.1	35 V

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 μm · Solvent A: 0.1 % formic acid in H₂O · Solvent B: 0.1 % formic acid in Acetonitrile

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