

CERTIFICATE OF ANALYSIS

Product Name	Retatrutide
Cas No	2381089-83-2
Sequence	H-Tyr-Aib-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile- α -Me-Leu-Leu-Asp-Lys-{diacid-C20-gamma-Glu-(AEEA)-Lys}-Ala-Gln-Aib-Ala-Phe-Ile-Glu-Tyr-Leu-Leu-Glu-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH ₂
Dissolution condition	30%ACN+90%H ₂ O
Modification	N/A
Molecular Weight (MW)	4731.33 $\pm$ 1
Storage	-20°C

Test Items	Specifications	Results
Purity by HPLC	>99.0%	99.57%
Peptide Content	N/A	N/A
Moisture content	<10%	3.7%
Sodium salt	<5.0%	0.59%
Appearance	White to off-white lyophilized powder	Conforms

Certified by:
Quality Assurance Department

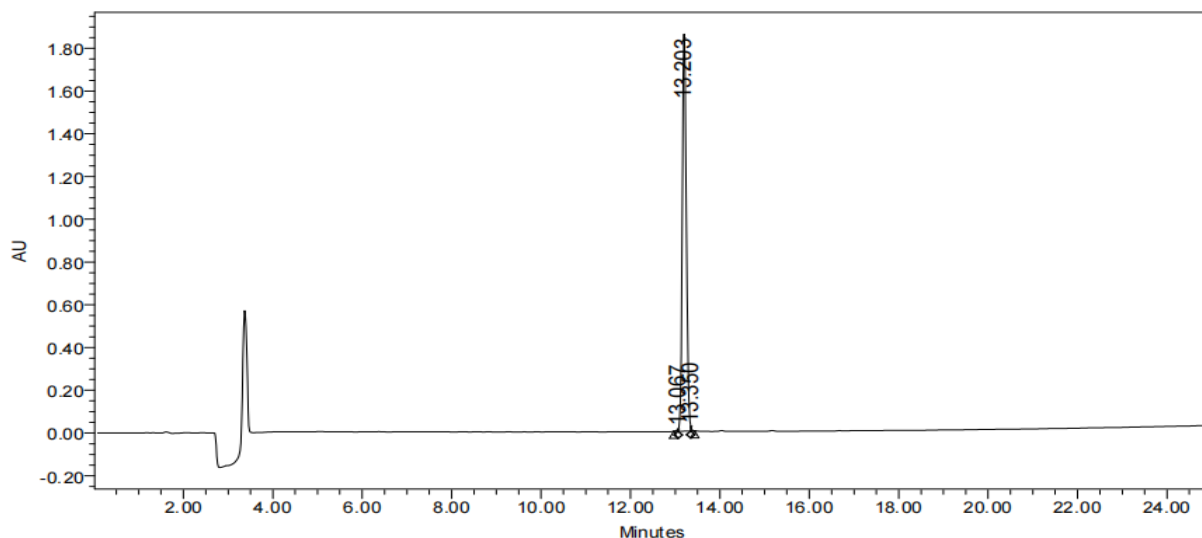
Date 01/18/2024

Note: this product is intended for research use only.

Sample Information

Product Name : Retatrutide
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 Lot No : JT-186102
 Pump A : 0.1% Trifluoroacetic in 100% Water
 Pump B : 0.1% Trifluoroacetic in 100% Acetonitrile
 Total Flow : 1ml/min
 Wavelength : 220nm
 Analytical column type : SHIMADZU Inertsil ODS-SP (4.6*250mm*5um)
 Inj. Volume : 30ul

Time	Module	Action	Value
0.00	Pumps	B.Conc	30
25.00	Pumps	B.Conc	90
25.01	Pumps	B.Conc	100
30.00	Pumps	B.Conc	100
30.01	Pumps	Stop	



	RT	Area	% Area	Height
1	13.067	22230	0.19	11324
2	13.203	11681778	99.57	1851757
3	13.350	28225	0.24	21620



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