

TEST REPORT



E: contact@tjxgd.com

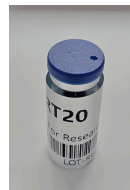
W: www.tjxgd.com

RT20-20261012S1158

Sample Received: 2026-10-12

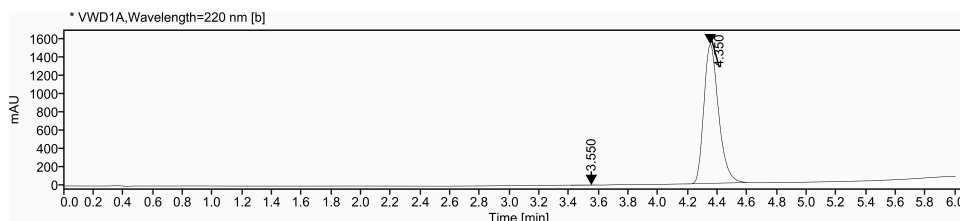
Authentication Code:

Analysis date: 2026-10-12



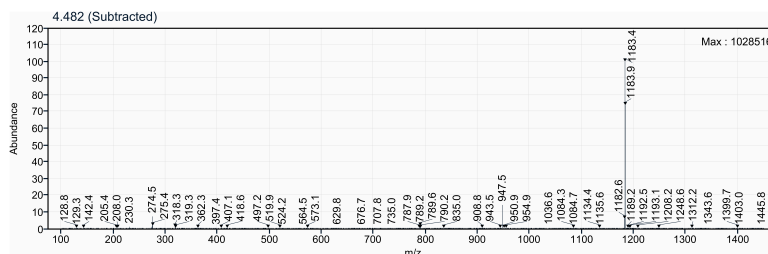
Compound	RT20/Retatrutide	CAS Number	2381089-83-2
Formula	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Molecular Weight	4731.41
Manufacturer	CorePeptide	Batch Number	PPA-CP-RT20-C8001

HPLC-MS Details:



Signal: * VWD1A, Wavelength=220 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.550	MM m	0.2046	24.0091	2.0926	0.2291
4.350	MM m	0.4263	10457.6371	1525.7239	99.7709
Sum			10481.6462		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.77%
Mass Spectrum	Conforms to [M+4H] ⁴⁺	Detected
Net Content	22.49 mg	

Peng Gao

Zhibo Li

Peng Gao, Data Compilation

Zhibo Li, Technical Review

重要声明 / Important Notice

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LCMS Sample Purity - Detailed Report



Result set name: SingleSample

Data file: RT20.dx

Sample name: RT20

Instrument: LCMS

Inj. volume: 5.000 μ L

Acq. method: LCMS-02AB.amx

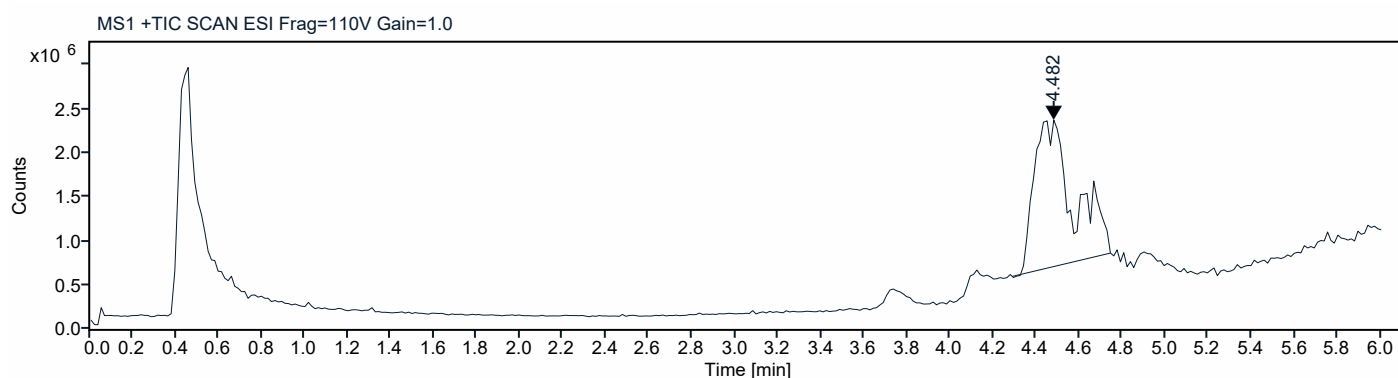
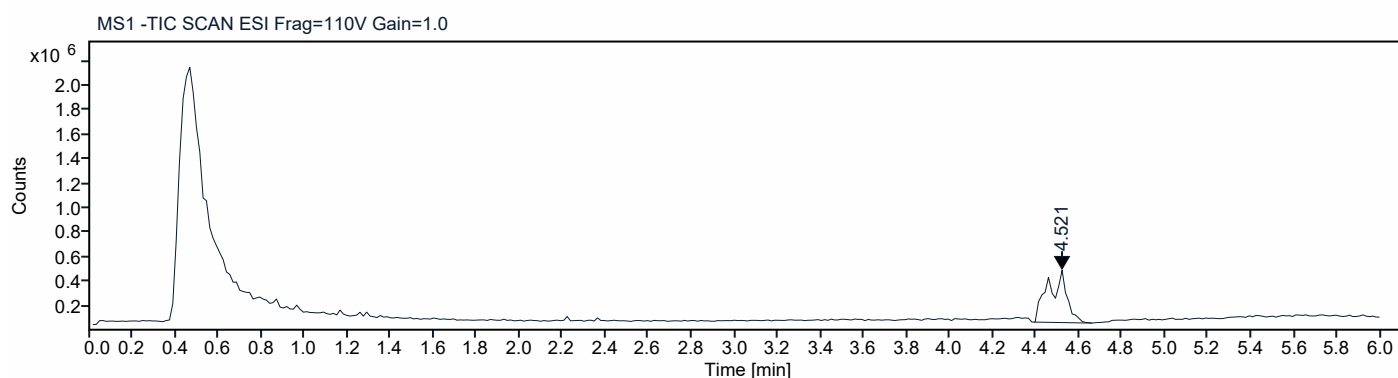
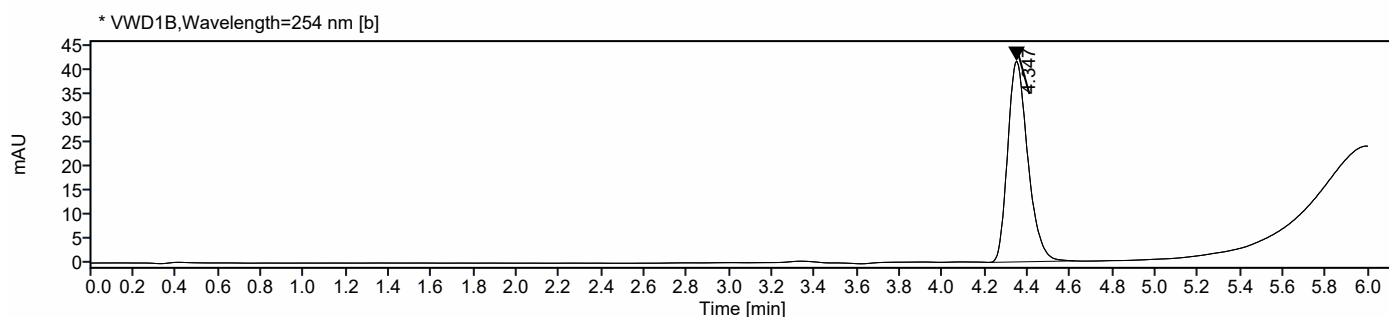
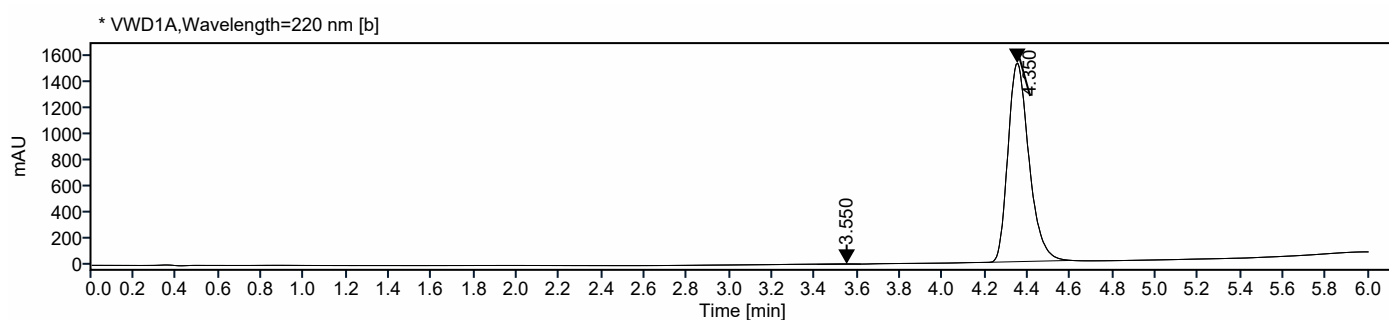
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-10-12 13:23:11+08:00

Location: P1-E4



Signal: MS1 +TIC SCAN ESI Frag=110V Gain=1.0

RT [min]	Type	Width [min]	Area	Height	Area%
4.482	MM m	0.4563	21005812.57 35	1661962.92 34	100.0000
Sum			21005812.57 35		

Signal: MS1 -TIC SCAN ESI Frag=110V Gain=1.0

RT [min]	Type	Width [min]	Area	Height	Area%
4.521	MB m	0.2676	2591338.17 49	427614.5182	100.0000
Sum			2591338.17 49		

Signal: * VWD1A,Wavelength=220 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.550	MM m	0.2046	24.0091	2.0926	0.2291
4.350	MM m	0.4263	10457.6371	1525.7239	99.7709
Sum			10481.6462		

Signal: * VWD1B,Wavelength=254 nm [b]

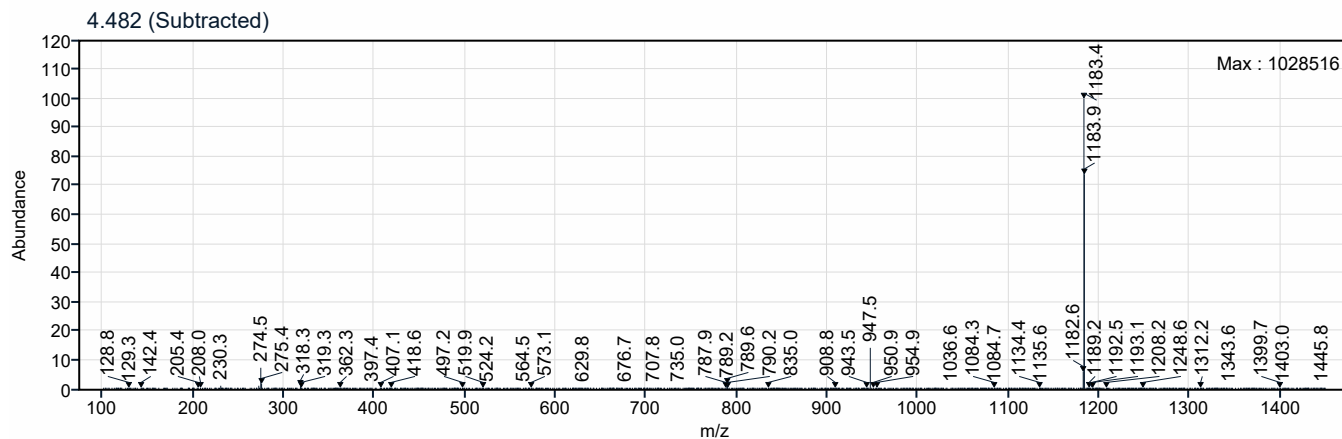
RT [min]	Type	Width [min]	Area	Height	Area%
4.347	BM m	0.4023	274.9134	41.7819	100.0000
Sum			274.9134		

Peak Details (Area Percent at least 1%)

Signal Description: MS1 +TIC SCAN ESI Frag=110V Gain=1.0

Peak RT: 4.482 min

Area %: 100.00%



Signal Description: MS1 -TIC SCAN ESI Frag=110V Gain=1.0

Peak RT: 4.521 min

Area %: 100.00%

