

TEST REPORT



E: contact@tjqxgd.com

W: www.tjqxgd.com

RT20-20261019S7477

Sample Received: 2026-10-19

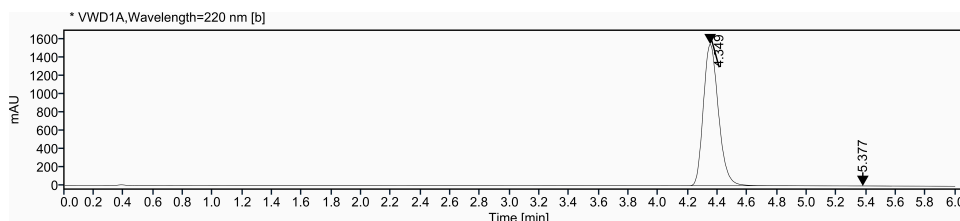
Authentication Code:

Analysis date: 2026-10-20



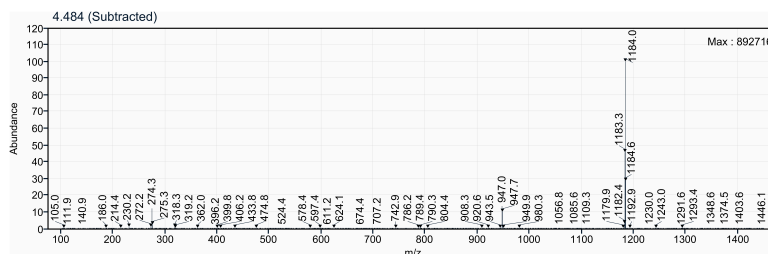
Compound	RT20/Retatrutide	CAS Number	2381089-83-2
Formula	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Molecular Weight	4731.41
Manufacturer	PepNeLum		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.349	MM m	0.7204	10852.7176	1542.9773	99.8669
5.377	MM m	0.2813	14.4632	0.9017	0.1331
Sum			10867.1808		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.86%
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

本检测数据由第三方合作实验室提供, 本公司负责数据整理、审核与文件出具。本公司及合作检测方均不持有 CMA/CNAS 认证资质, 本文件不具有法定证明效力, 不得用于监管申报、诉讼举证或其他要求法定认证文件的用途。相关产品仅限科学研究用途, 不得用于人类或兽医用途、诊断、治疗或临床应用。

This test data is provided by a third-party partner laboratory; our company is responsible for data compilation, review, and issuance of the document. Neither our company nor the partner testing laboratory holds CMA/CNAS accreditation, and this document does not carry legal certification validity. It shall not be used for regulatory submissions, litigation evidence, or any other purpose requiring legally accredited documentation. The related products are intended for scientific research use only and have not been approved for human or veterinary use, diagnosis, treatment, or clinical application. Results should be interpreted by qualified professionals within the intended scope of research.

LCMS Sample Purity - Detailed Report



Result set name: SingleSample

Data file: RT20.dx

Sample name: RT20

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

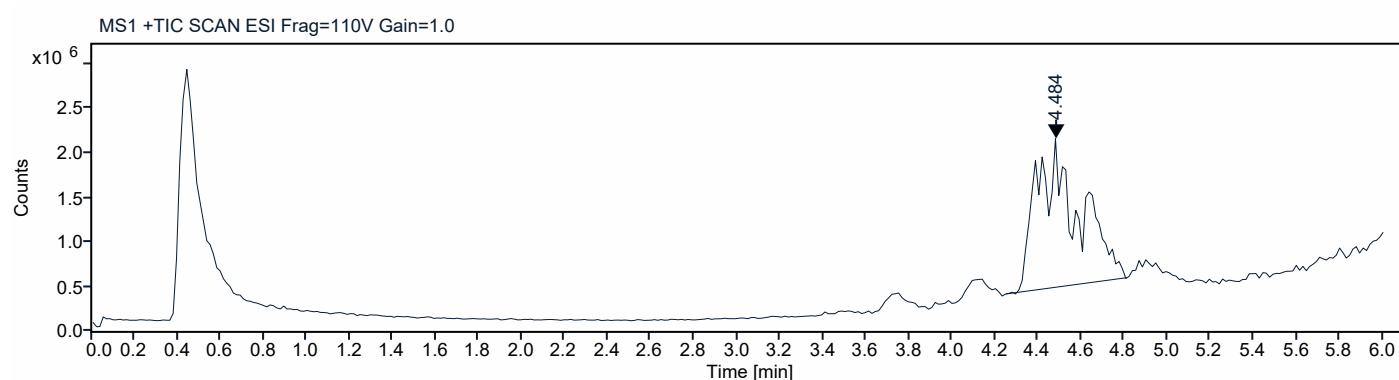
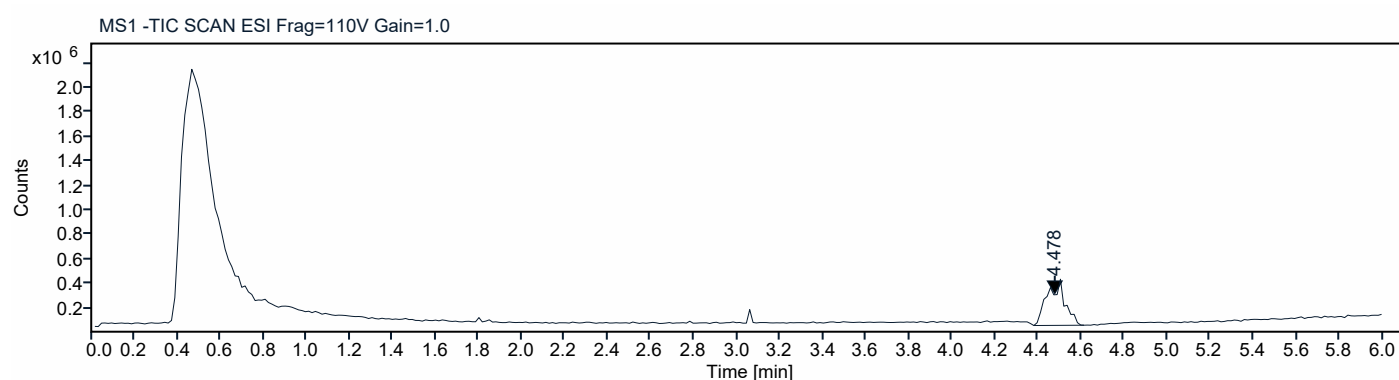
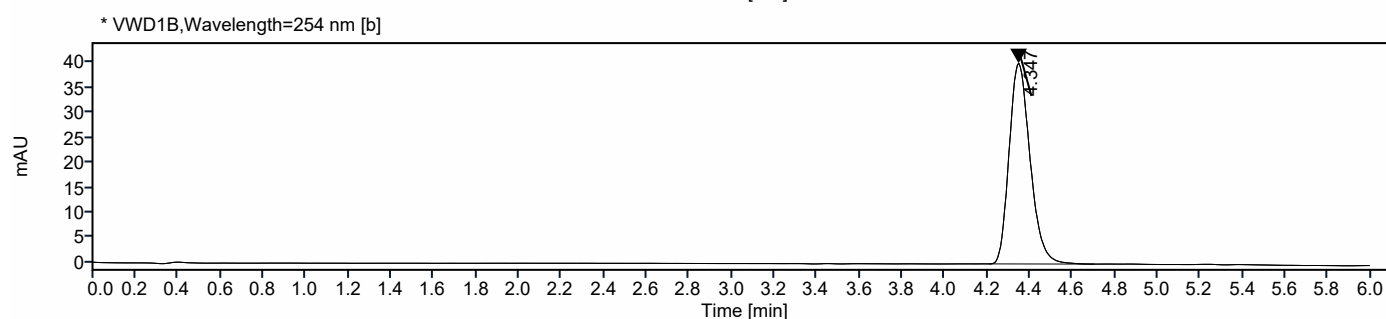
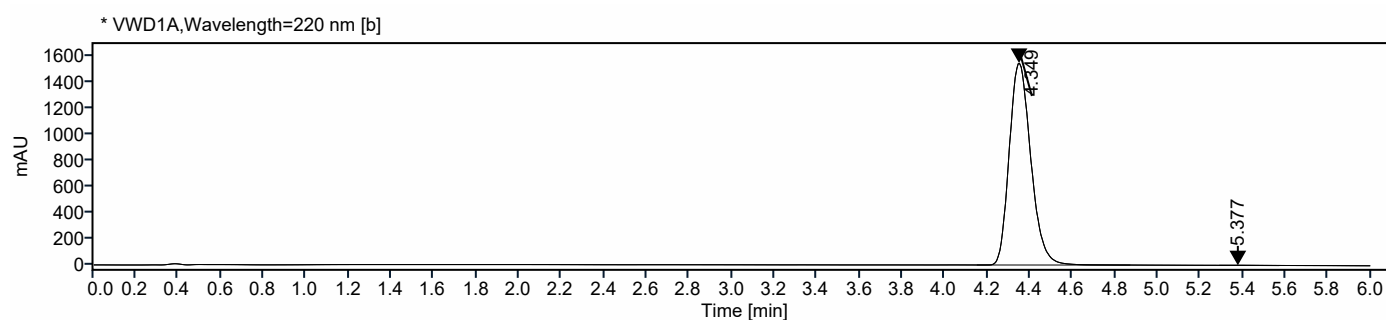
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-10-20 19:13:20+08:00

Location: P1-B3



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.484	MM m	0.5628	22636022.29 95	1667787.08 89	100.0000
Sum			22636022.29 95		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.478	BB	0.2329	2132468.45 03	250230.5326	100.0000
Sum			2132468.45 03		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.349	MM m	0.7204	10852.7176	1542.9773	99.8669
5.377	MM m	0.2813	14.4632	0.9017	0.1331
Sum			10867.1808		

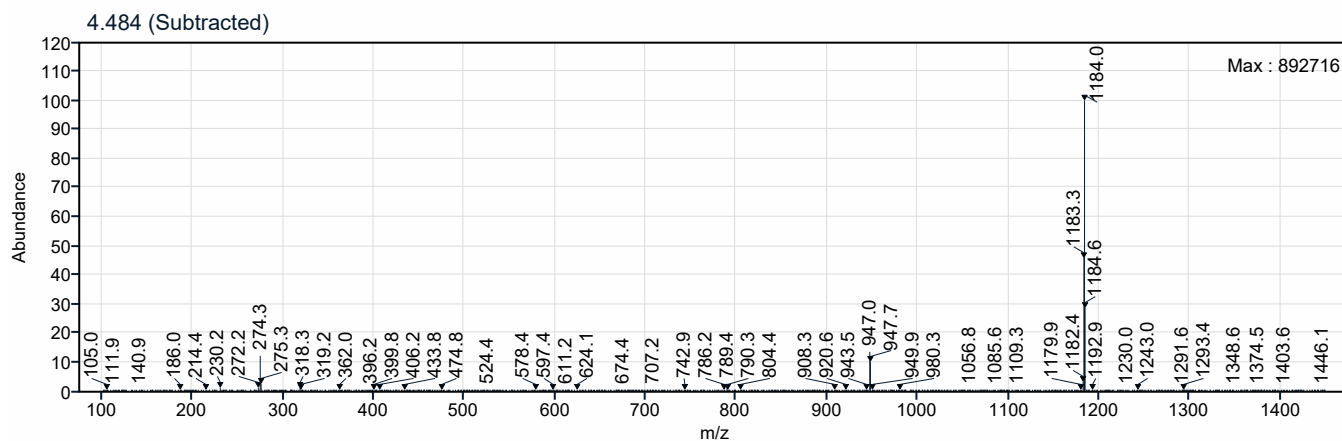
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.347	BB	0.4933	274.7028	40.1036	100.0000
Sum			274.7028		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.484 min **Area %:** 100.00%



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

Peak RT: 4.478 min **Area %:** 100.00%

