



TEST REPORT

RT10-20260901S8240

Authentication Code:

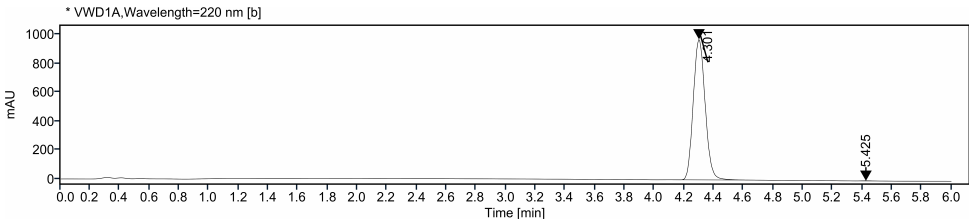
Sample Received: 2026-09-01

Analysis date: 2026-09-02



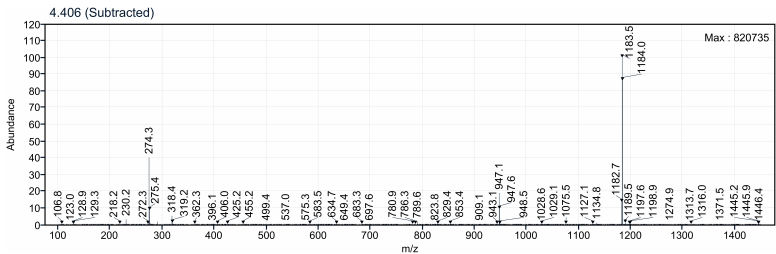
Compound	RT10/Retatrutide	CAS Number	2381089-83-2
Formula	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Molecular Weight	4731.41
Manufacturer	Pepperation Station		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.301	MM m	0.5100	5424.2266	974.9950	99.8887
5.425	MM m	0.1986	6.0461	1.3275	0.1113
Sum			5430.2726		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.88%
Mass Spectrum	Conforms to [M+4H] ⁴⁺	Detected
Peptide Weight	11.36 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: RT10.dx

Sample name: RT10

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

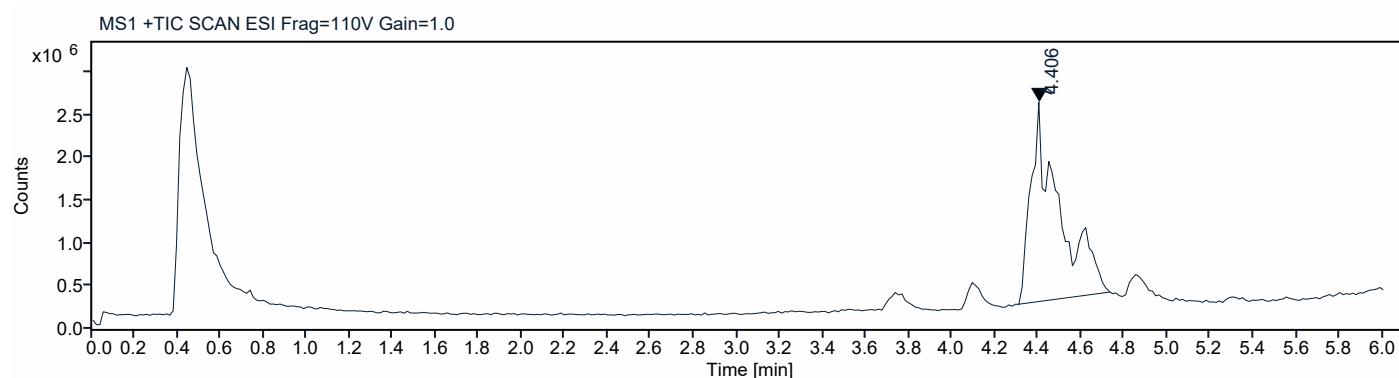
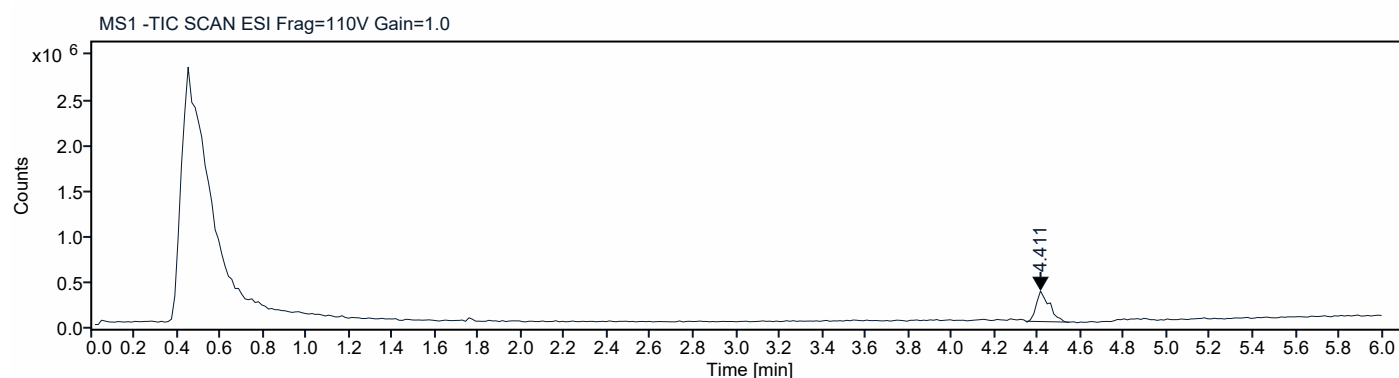
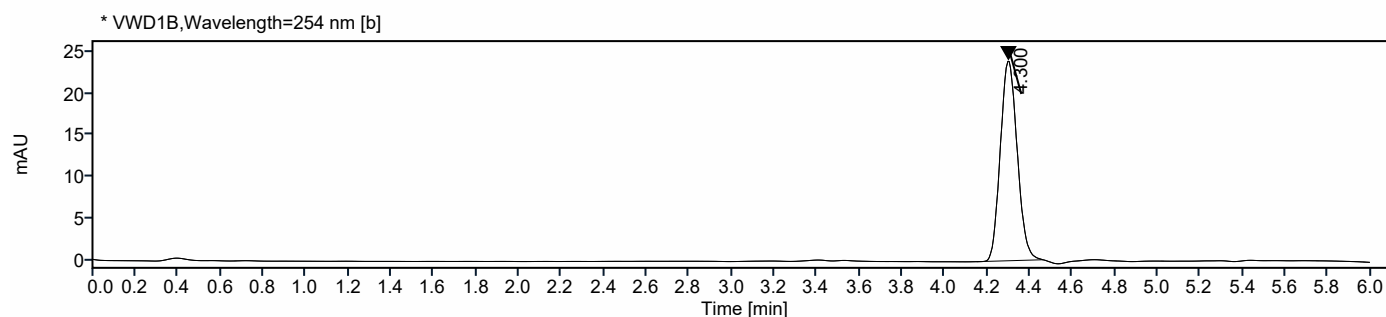
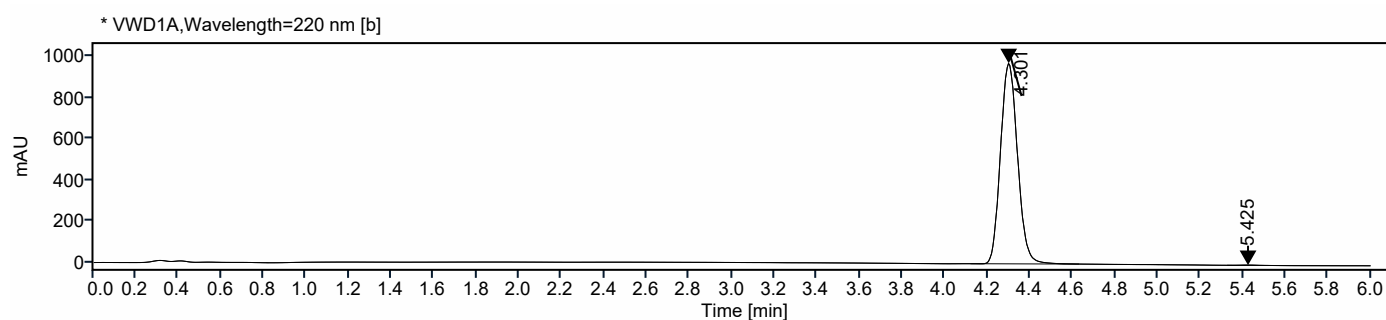
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-02 18:12:47+08:00

Location: P2-A3



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.406	MM m	0.4289	21169188.5082	2324964.7684	100.0000
Sum			21169188.5082		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.411	MM m	0.2026	1400622.5351	334359.3533	100.0000
Sum			1400622.5351		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.301	MM m	0.5100	5424.2266	974.9950	99.8887
5.425	MM m	0.1986	6.0461	1.3275	0.1113
Sum			5430.2726		

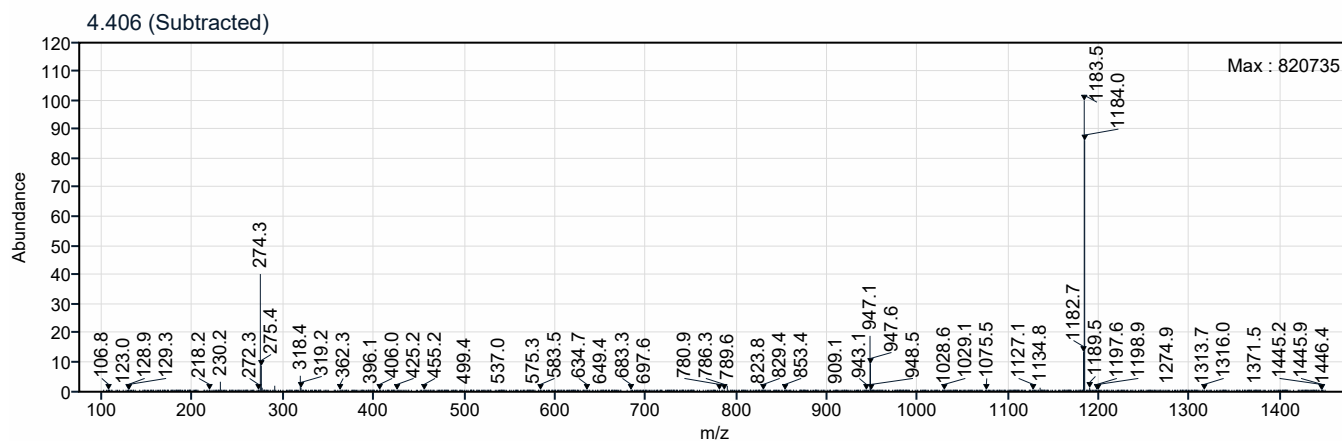
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.300	MM m	0.3114	131.9066	23.9940	100.0000
Sum			131.9066		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.406 min **Area %:** 100.00%



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

Peak RT: 4.411 min **Area %:** 100.00%

