



TEST REPORT

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RT10-20260908S0535

Sample Received: 2026-09-08

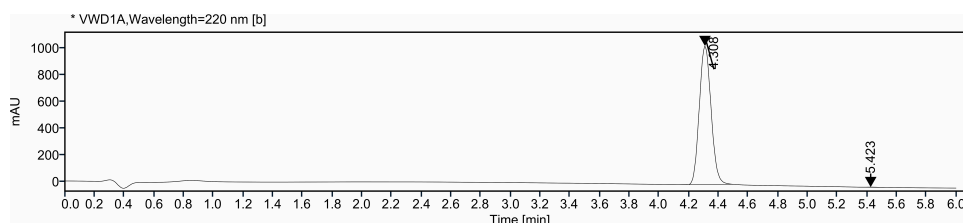
Authentication Code:

Analysis date: 2026-09-09



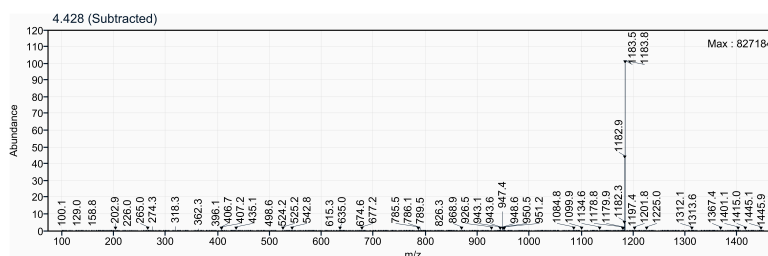
Compound	RT10/Retatrutide	CAS Number	2381089-83-2
Formula	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Molecular Weight	4731.41
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.308	MM m	0.3475	5672.2762	1034.4448	99.8787
5.423	MM m	0.1805	6.8892	1.3916	0.1213
Sum			5679.1655		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.87%
Mass Spectrum	Conforms to [M+4H] ⁴⁺	Detected
Peptide Weight	11.89 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

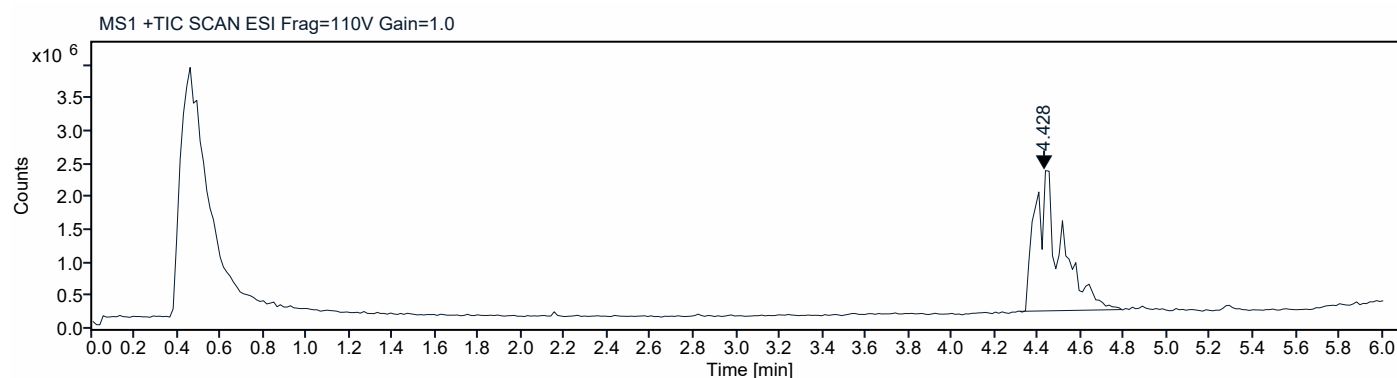
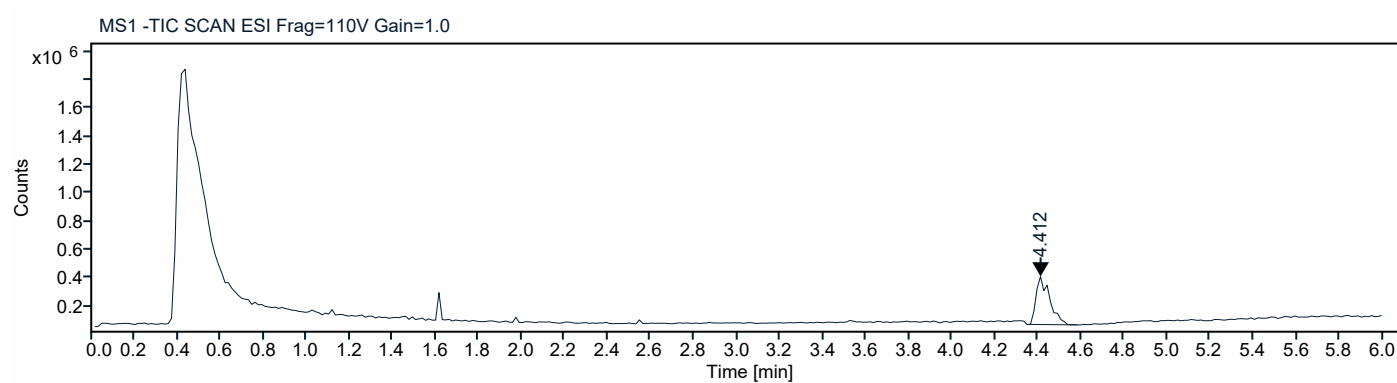
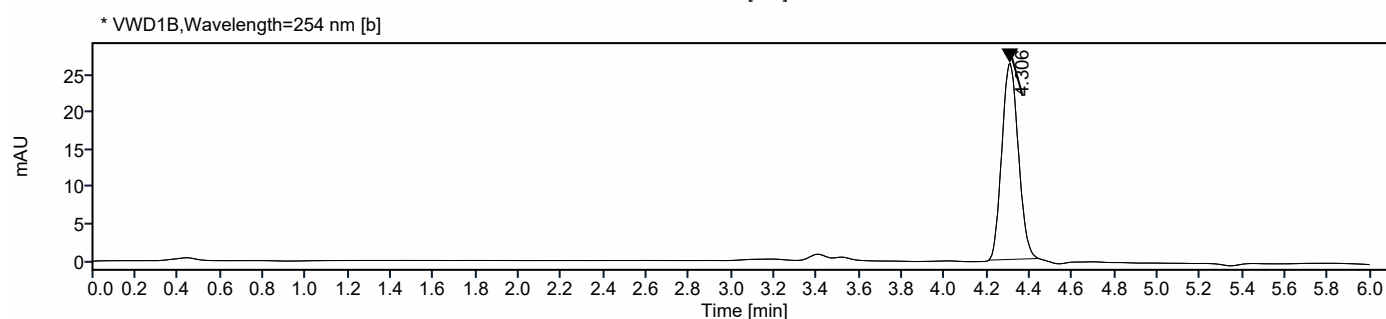
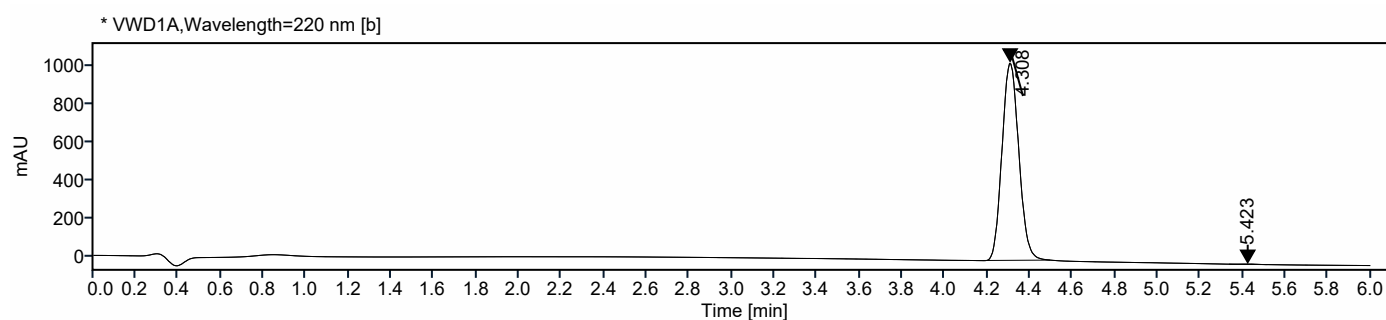
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-09 16:53:04+08:00

Location: P1-F7



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.428	MM m	0.4740	18290209.80 98	2150683.13 45	100.0000
Sum			18290209.80 98		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.412	MB m	0.2257	1486685.36 44	339384.6909	100.0000
Sum			1486685.36 44		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.308	MM m	0.3475	5672.2762	1034.4448	99.8787
5.423	MM m	0.1805	6.8892	1.3916	0.1213
Sum			5679.1655		

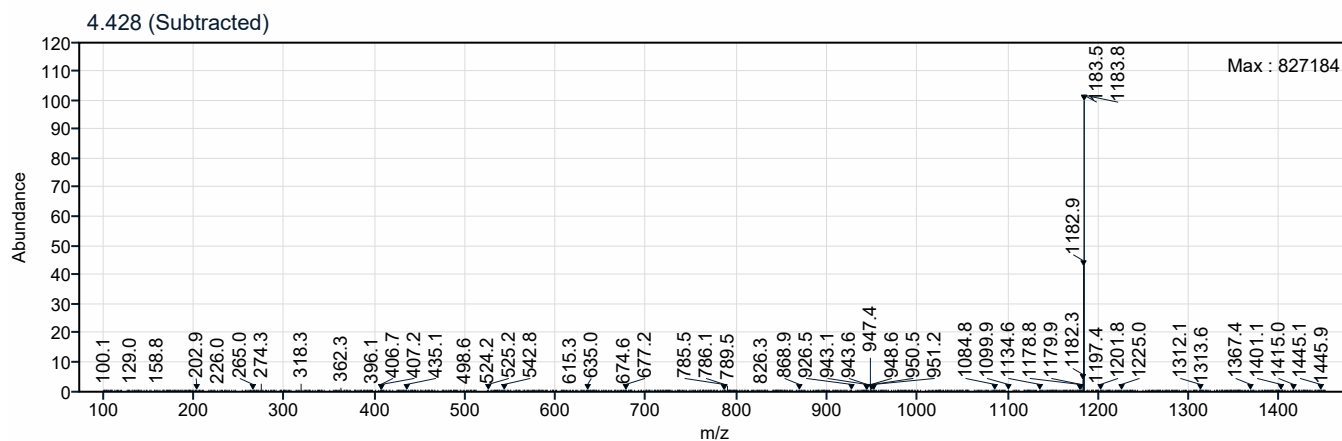
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.306	MM m	0.2347	141.9325	26.3166	100.0000
Sum			141.9325		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.428 min **Area %:** 100.00%



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

Peak RT: 4.412 min **Area %:** 100.00%

