



TEST REPORT

RT10-20260914S1614

Authentication Code:

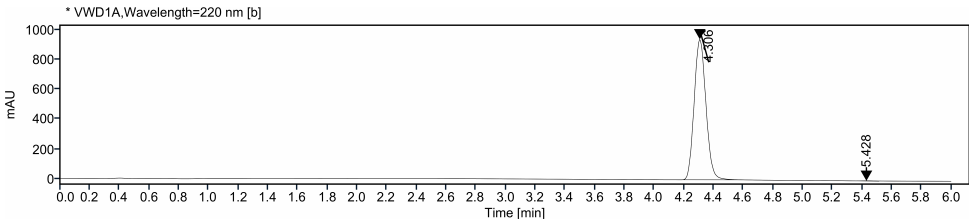
Sample Received: 2026-09-14

Analysis date: 2026-09-15



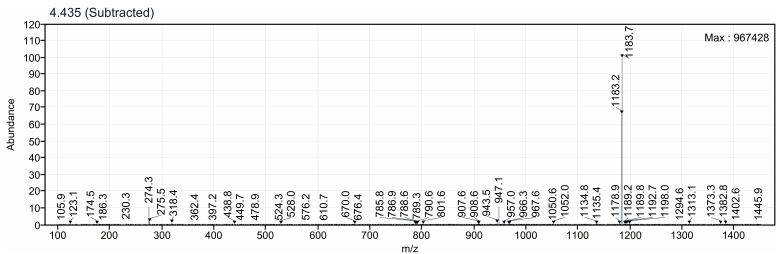
Compound	RT10/Retatrutide	CAS Number	2381089-83-2
Formula	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Molecular Weight	4731.41
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.306	MM m	0.4378	5217.7714	947.6971	99.8091
5.428	MM m	0.1489	9.9806	1.5245	0.1909
Sum			5227.7520		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.80%
Mass Spectrum	Conforms to [M+4H] ⁴⁺	Detected
Net Content	10.74 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

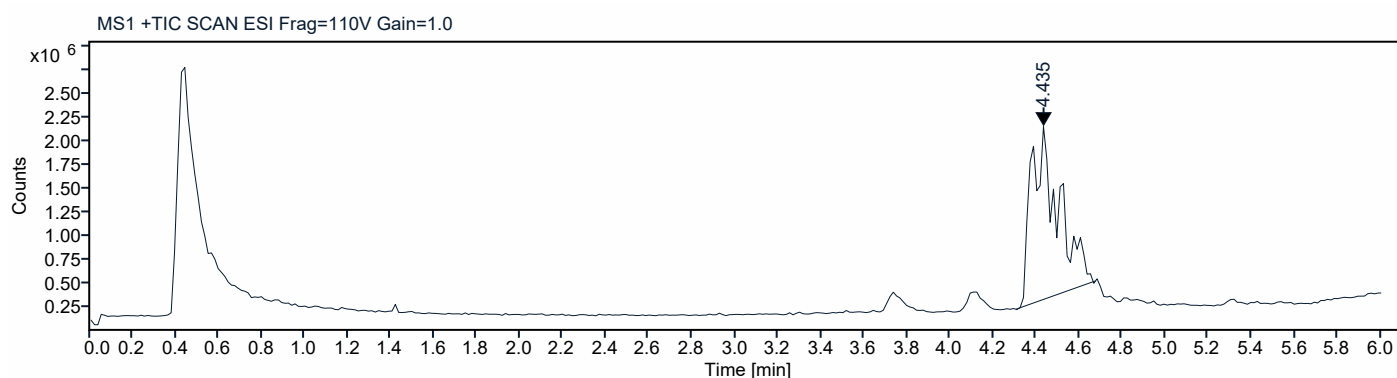
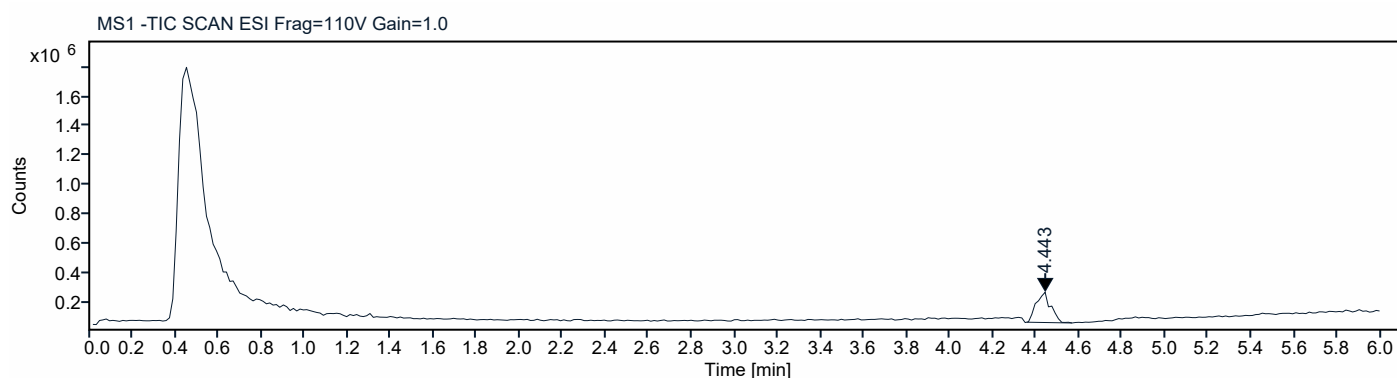
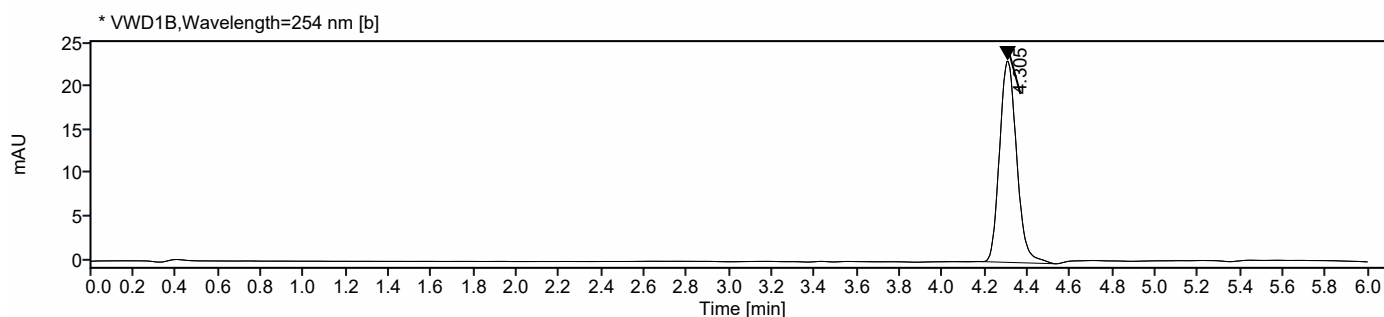
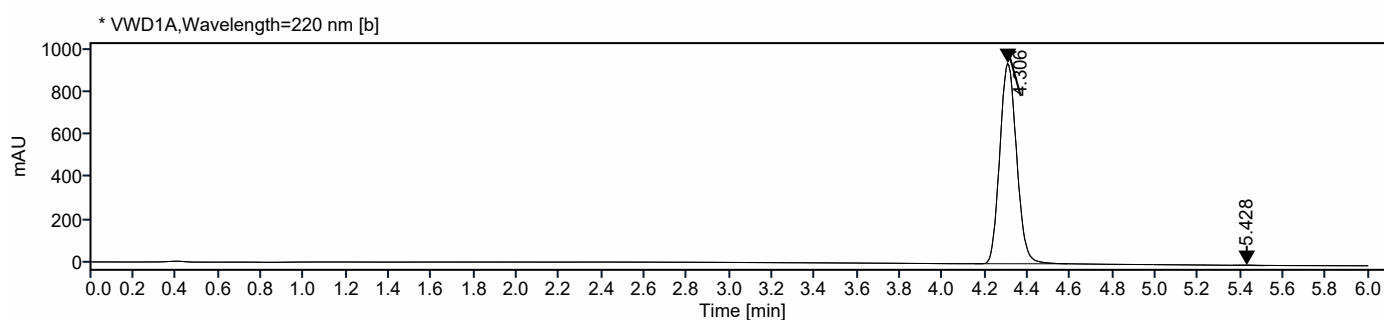
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-15 11:24:56+08:00

Location: P1-F7



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.435	MM m	0.3702	16145371.01 90	1834939.12 59	100.0000
Sum			16145371.01 90		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.443	MB m	0.2101	967281.6977	205715.6003	100.0000
Sum			967281.6977		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.306	MM m	0.4378	5217.7714	947.6971	99.8091
5.428	MM m	0.1489	9.9806	1.5245	0.1909
Sum			5227.7520		

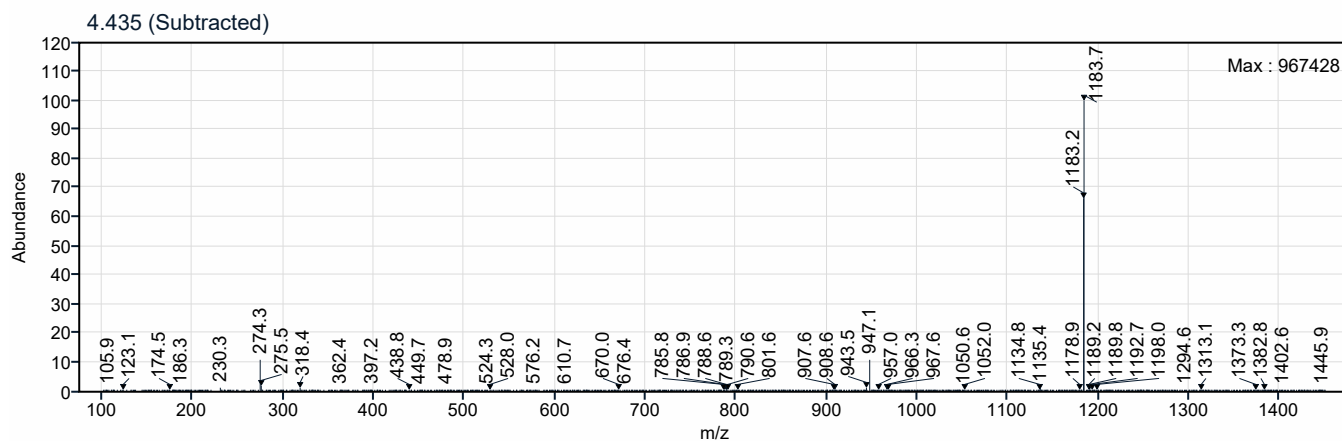
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.305	BB	0.3467	130.1729	23.3358	100.0000
Sum			130.1729		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.435 min **Area %:** 100.00%



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

Peak RT: 4.443 min **Area %:** 100.00%

