



TEST REPORT

RT20-20260917S8803

Authentication Code:

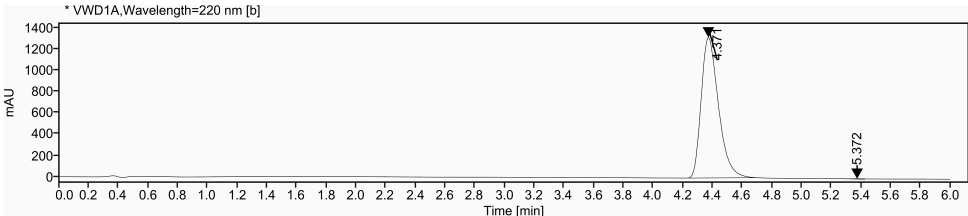
Sample Received: 2026-09-17

Analysis date: 2026-09-18

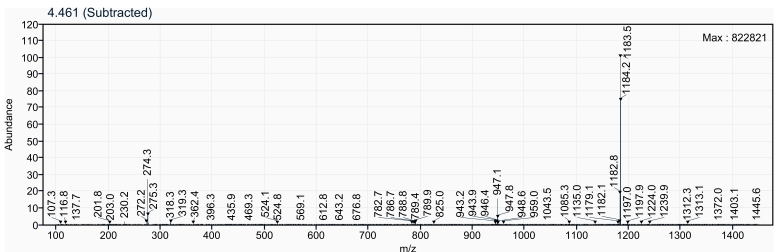


Compound	RT20/Retatrutide	CAS Number	2381089-83-2
Formula	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Molecular Weight	4731.41
Manufacturer	N/A		

HPLC-MS Details:



Signal: * VWD1A,Wavelength=220 nm [b]					
RT [min]	Type	Width [min]	Area	Height	Area%
4.371	MM m	0.4784	10710.4172	1327.0119	99.8022
5.372	MM m	0.1534	21.2281	3.4845	0.1978
Sum			10731.6452		



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	21.36 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: RT20.dx

Sample name: RT20

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

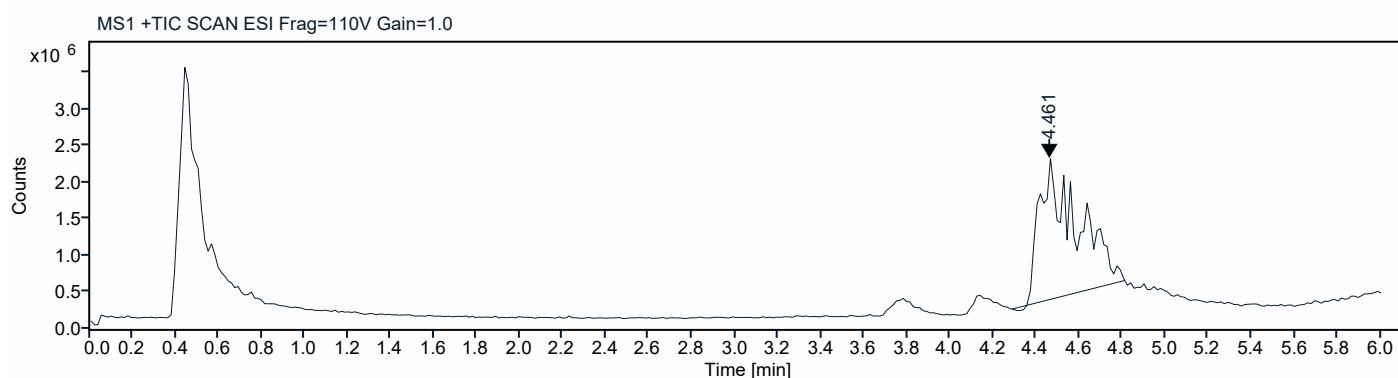
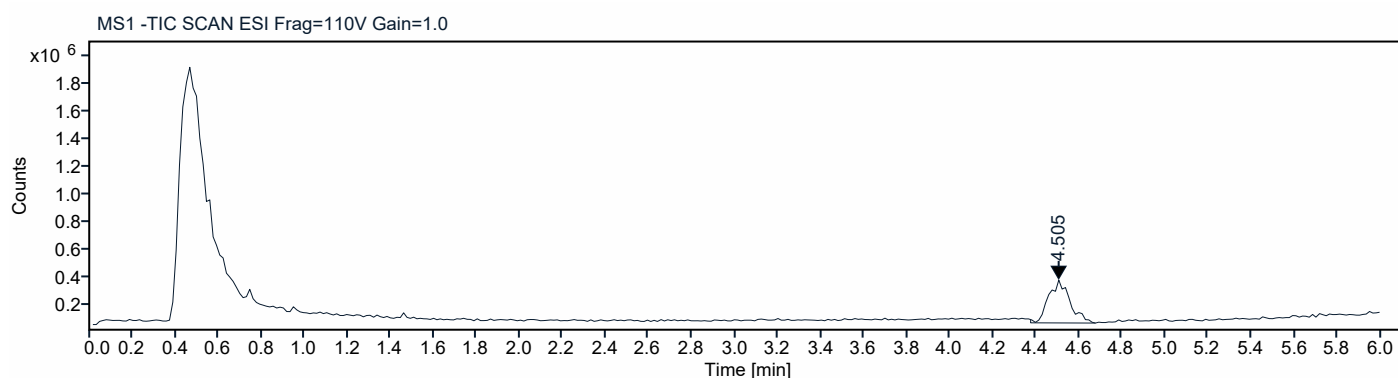
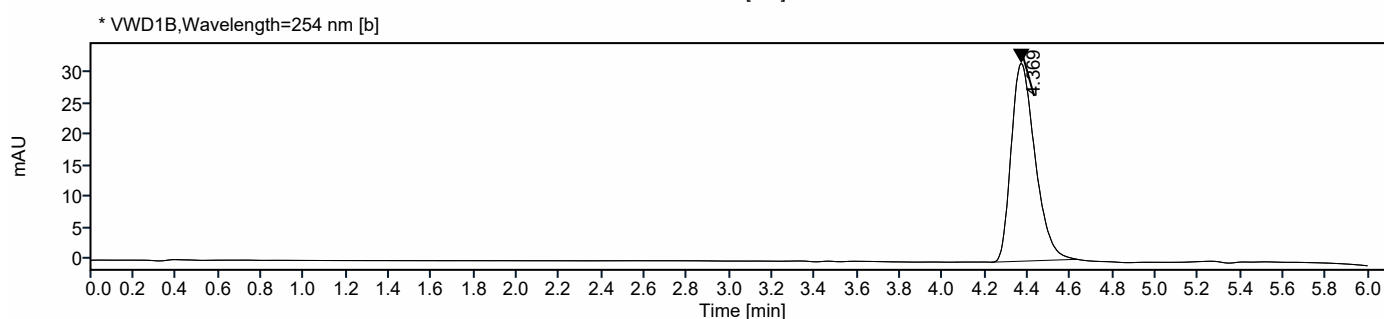
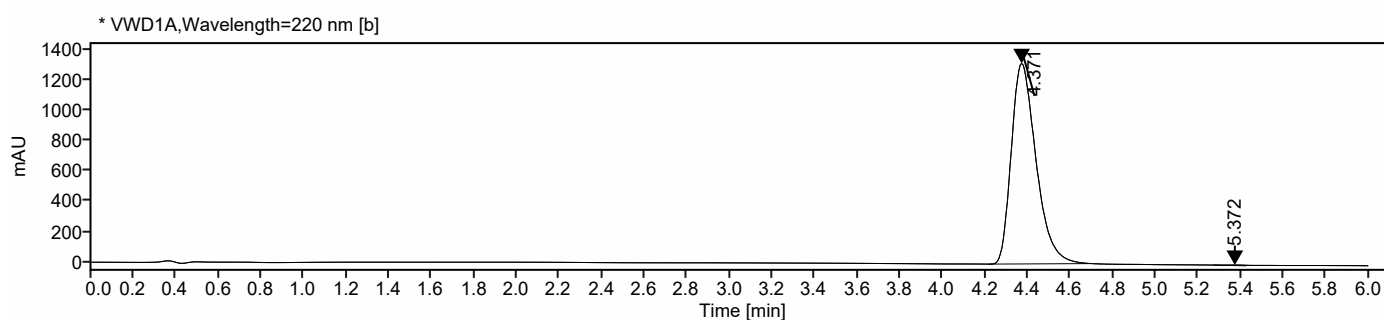
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-18 16:18:54+08:00

Location: P1-E2



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.461	MM m	0.5237	23208469.3305	1934993.2879	100.0000
Sum			23208469.3305		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.505	VB	0.3014	2123245.7808	310139.2076	100.0000
Sum			2123245.7808		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.371	MM m	0.4784	10710.4172	1327.0119	99.8022
5.372	MM m	0.1534	21.2281	3.4845	0.1978
Sum			10731.6452		

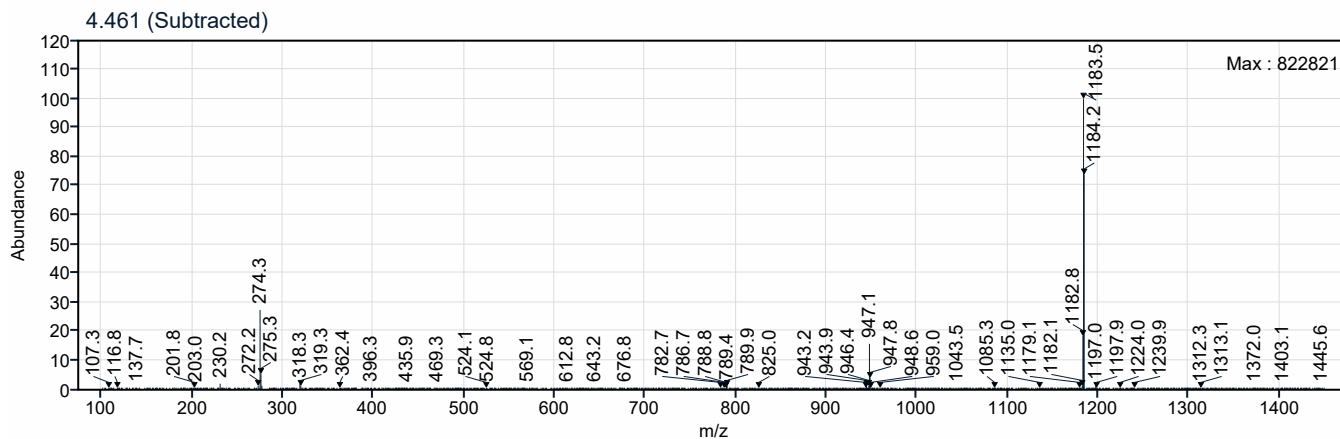
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.369	BM m	0.4037	249.5419	31.9943	100.0000
Sum			249.5419		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.461 min **Area %:** 100.00%



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

Peak RT: 4.505 min **Area %:** 100.00%

