



TEST REPORT

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RT30-20260828S0535

Sample Received: 2026-08-28

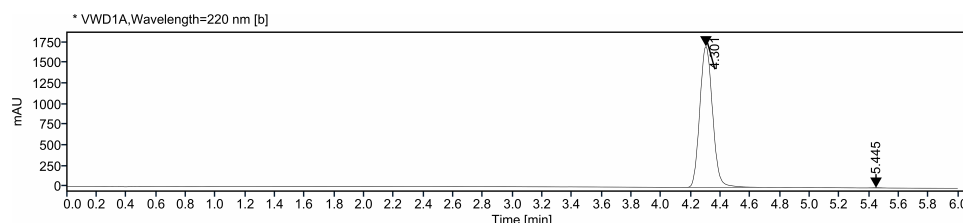
Authentication Code:

Analysis date: 2026-08-28



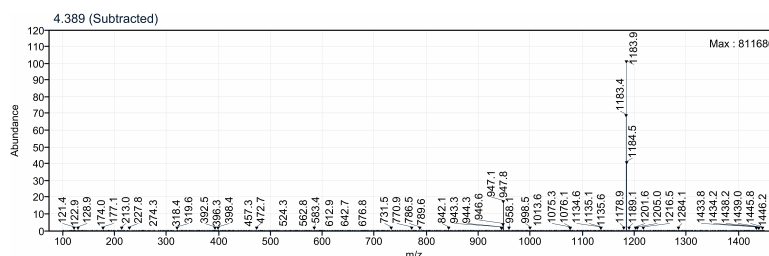
Compound	RT30/Retatrutide	CAS Number	2381089-83-2
Formula	C ₂₂₁ H ₃₄₂ N ₄₆ O ₆₈	Molecular Weight	4731.41
Manufacturer	WS: 85257986716		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.301	MM m	0.5178	10169.4130	1709.4168	99.8656
5.445	MM m	0.1466	13.6865	2.9924	0.1344
Sum			10183.0995		



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
Peptide Weight	32.31 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: RT30.dx

Sample name: RT30

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

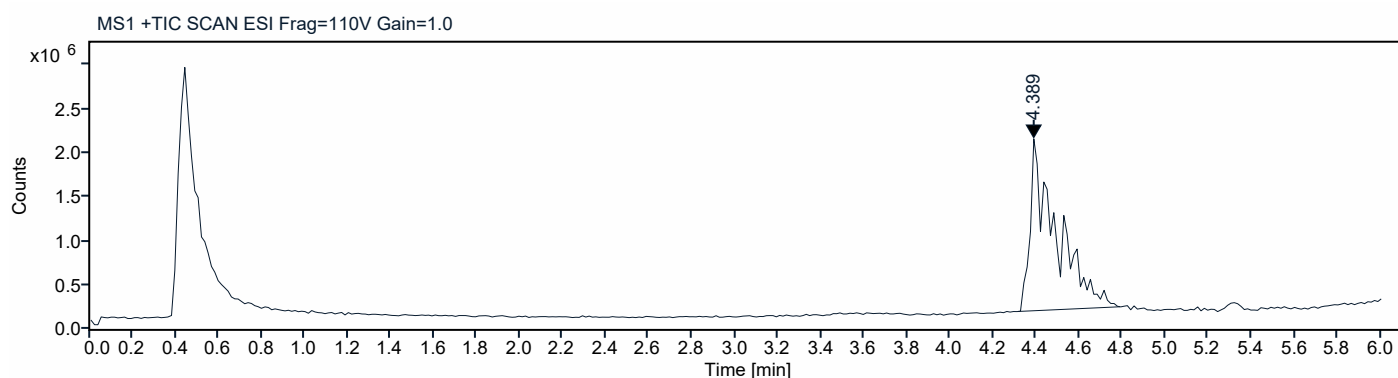
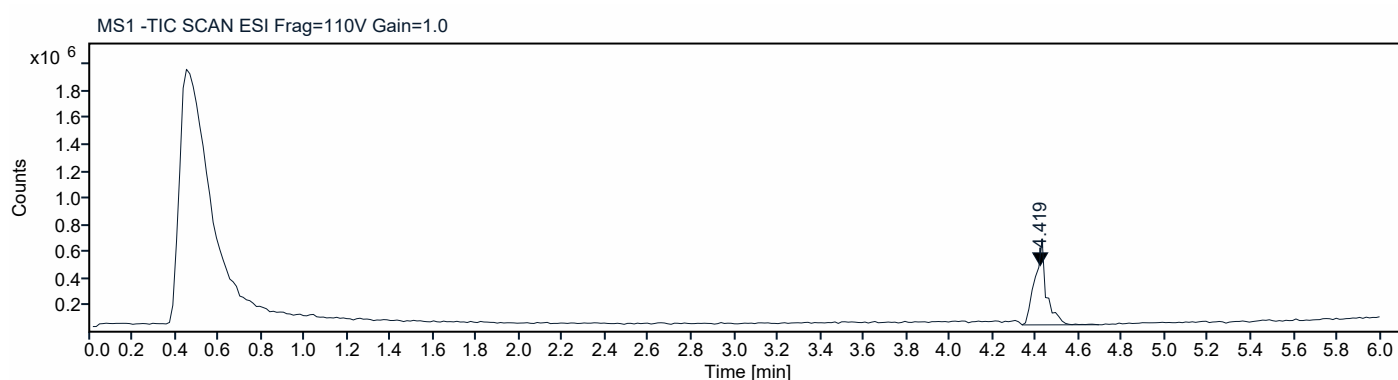
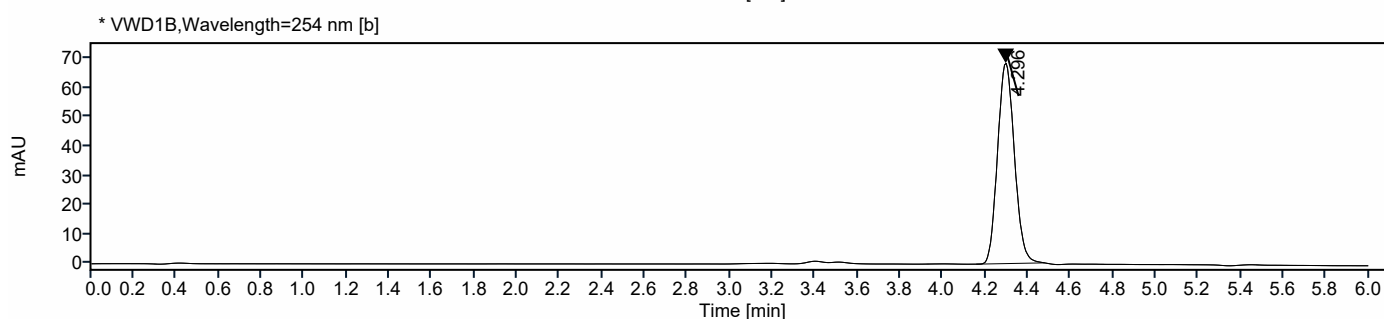
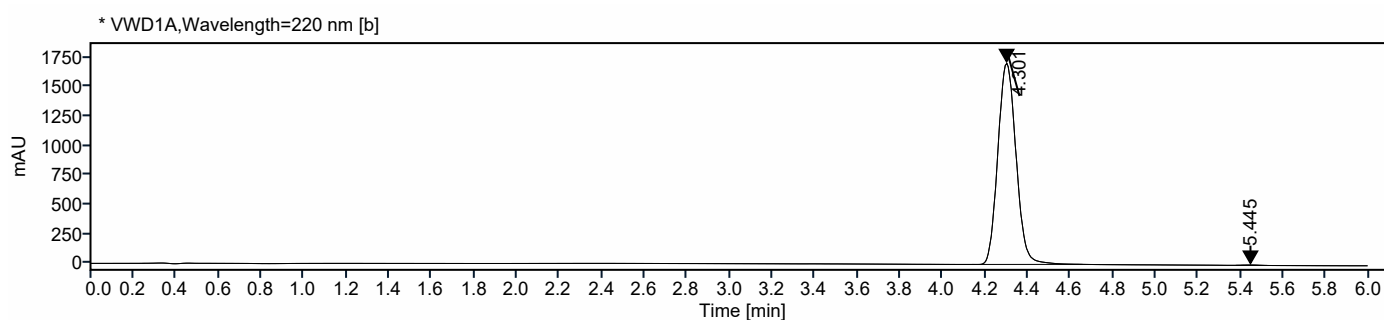
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-08-28 10:14:05+08:00

Location: P1-F5



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.389	MM m	0.4741	16492755.72 27	1955359.75 89	100.0000
Sum			16492755.72 27		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.419	BB	0.3571	2359449.35 54	433841.8084	100.0000
Sum			2359449.35 54		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.301	MM m	0.5178	10169.4130	1709.4168	99.8656
5.445	MM m	0.1466	13.6865	2.9924	0.1344
Sum			10183.0995		

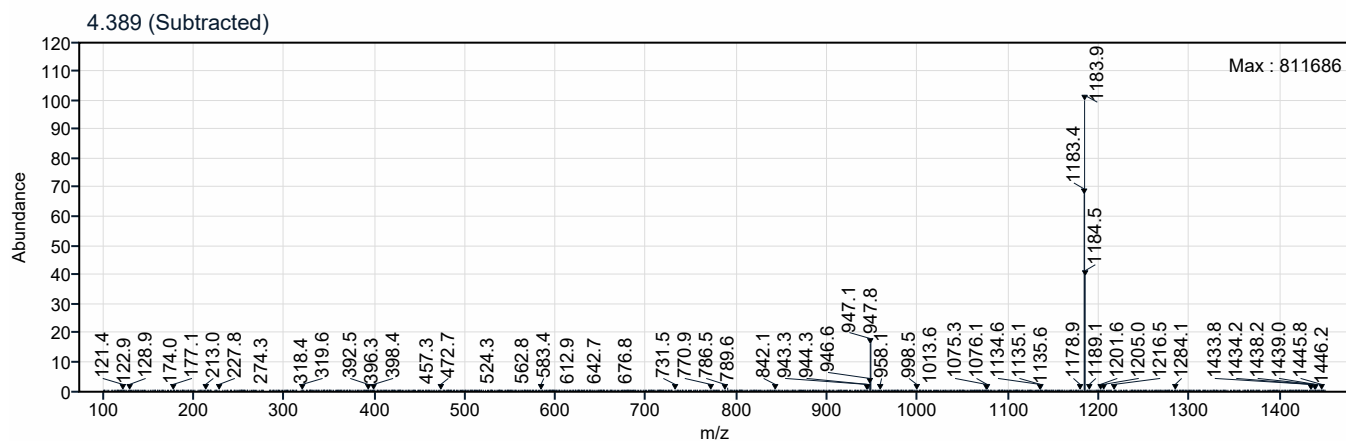
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.296	MM m	0.3204	377.2493	68.5631	100.0000
Sum			377.2493		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.389 min **Area %:** 100.00%



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

Peak RT: 4.419 min **Area %:** 100.00%

