TEST REPORT

E: contact@tjqxgd.com
W: www.tjqxgd.com

RT10-20260914S3377

Sample Received: 2026-09-14

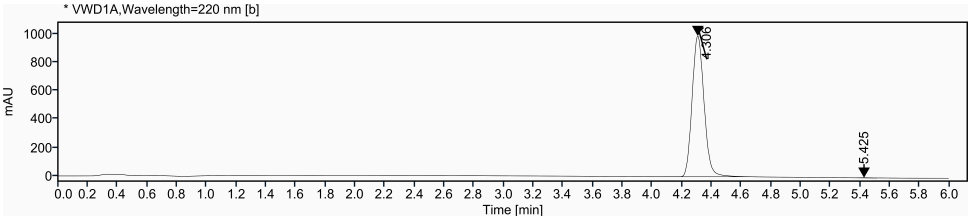
Authentication Code:

Analysis date: 2026-09-14



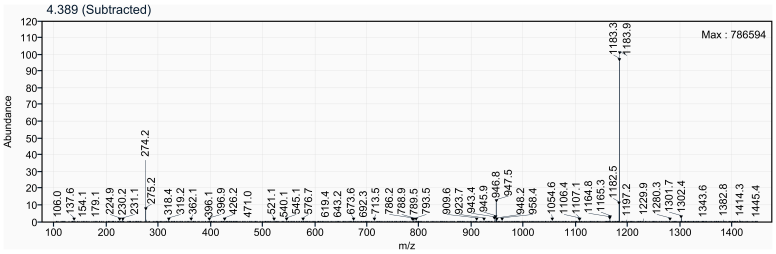
Compound	RT10/Retatrutide	CAS Number	2381089-83-2
Formula	$C_{221}H_{342}N_{46}O_{68}$	Molecular Weight	4731.41
Manufacturer	Peptides Stone Ltd.		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.306	MM m	0.4829	5568.2781	995.9249	99.8088
5.425	MM m	0.1625	10.6677	1.5797	0.1912
		Sum	**5578.9457**		



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	11.45 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

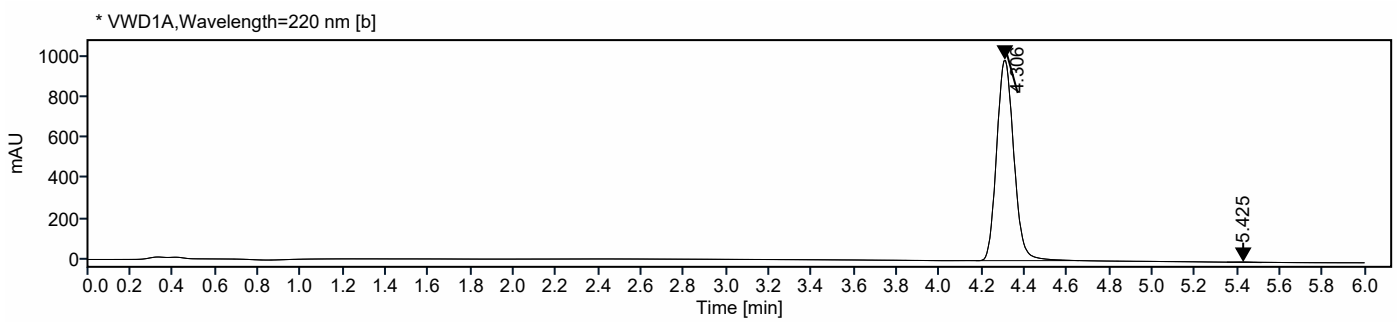
重要声明 / Important Notice

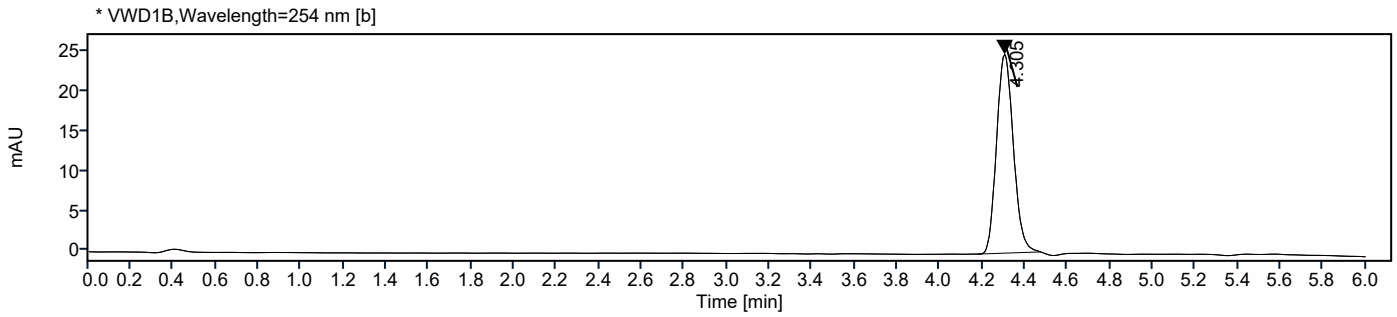
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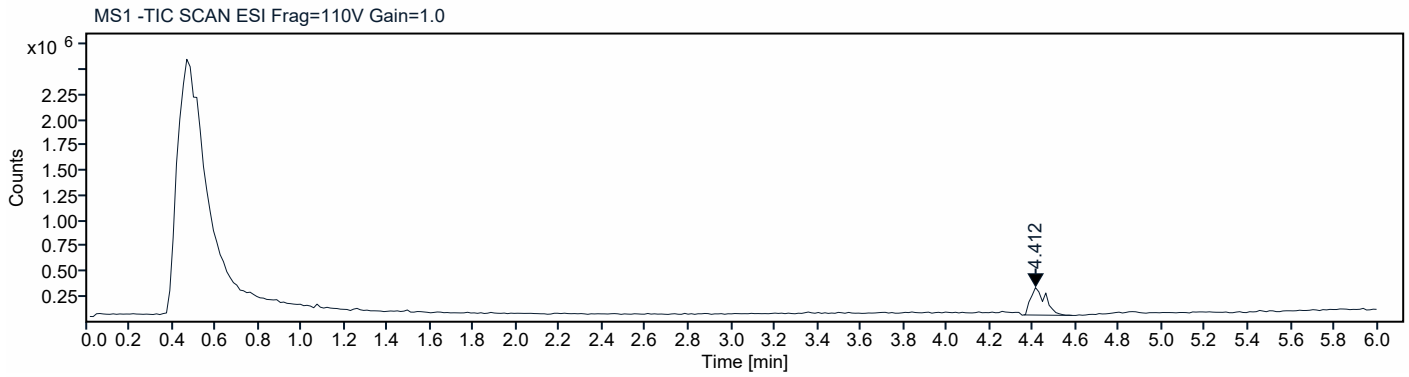
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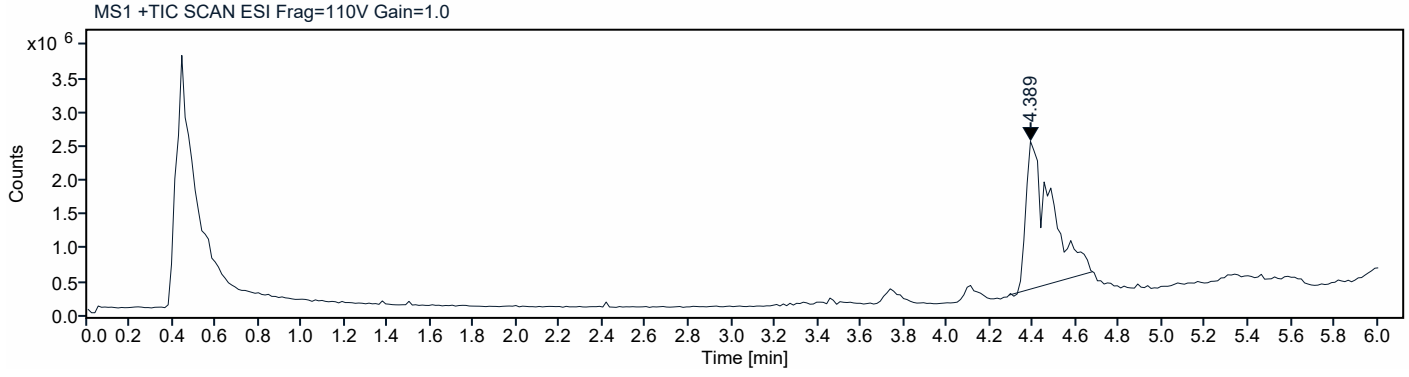
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	RT10.dx	**Project name:**	2026
Sample name:	RT10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-14 19:46:24+08:00
Inj. volume:	5.000 µL	**Location:**	P1-C2
Acq. method:	LCMS-02AB.amx		
Processing method:	LCMS-LJJ.pmx		









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

RT [min]	Type	Width [min]	Area	Height	Area%
4.389	MM m	0.3883	17907621.5421	2179009.0744	100.0000
		Sum	**17907621.5421**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.412	MB m	0.2258	1307034.4041	273084.1192	100.0000
		Sum	**1307034.4041**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.306	MM m	0.4829	5568.2781	995.9249	99.8088
5.425	MM m	0.1625	10.6677	1.5797	0.1912
		Sum	**5578.9457**		

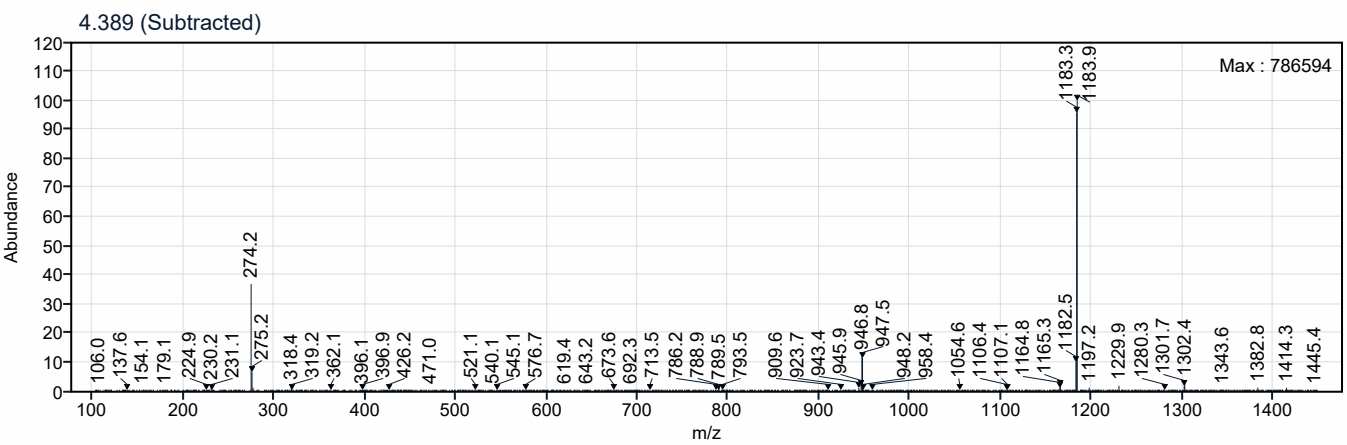
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.305	BM m	0.2956	136.5225	24.8861	100.0000
		Sum	**136.5225**		

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: 4.412 min **Area %:** 100.00%

