TEST REPORT

E: contact@tjqxgd.com
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RT20-20260927S6252

Sample Received: 2026-09-27

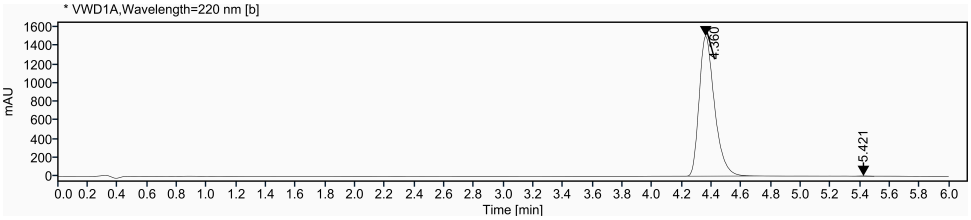
Authentication Code:

Analysis date: 2026-09-27



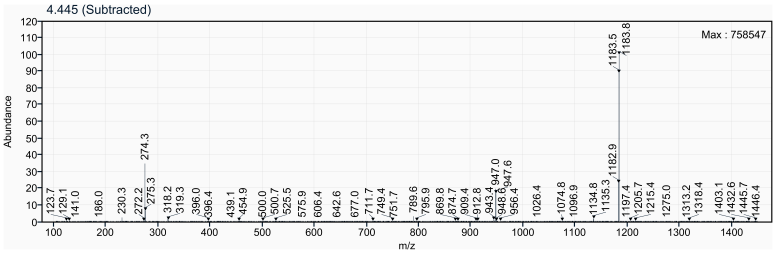
Compound	RT20/Retatrutide	CAS Number	2381089-83-2
Formula	$C_{221}H_{342}N_{46}O_{68}$	Molecular Weight	4731.41
Manufacturer	Peptides Stone Ltd.		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.360	MM m	0.5551	10735.8016	1498.5343	99.8112
5.421	MM m	0.1444	20.3063	3.4227	0.1888
		Sum	**10756.1079**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.81%
Mass Spectrum	Conforms to $[M+4H]^{4+}$	Detected
Net Content	21.75 mg	

Peng Gao, Data Compilation

Zhibo Li, Technical Review

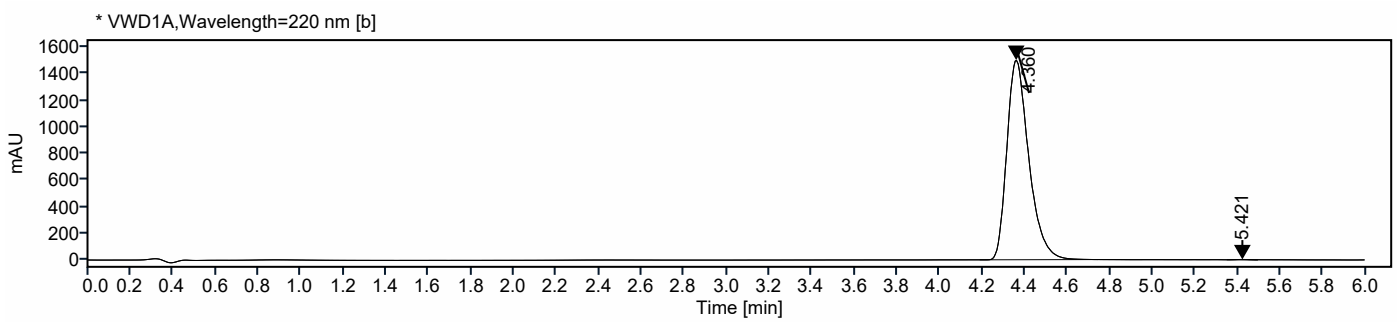
重要声明 / Important Notice

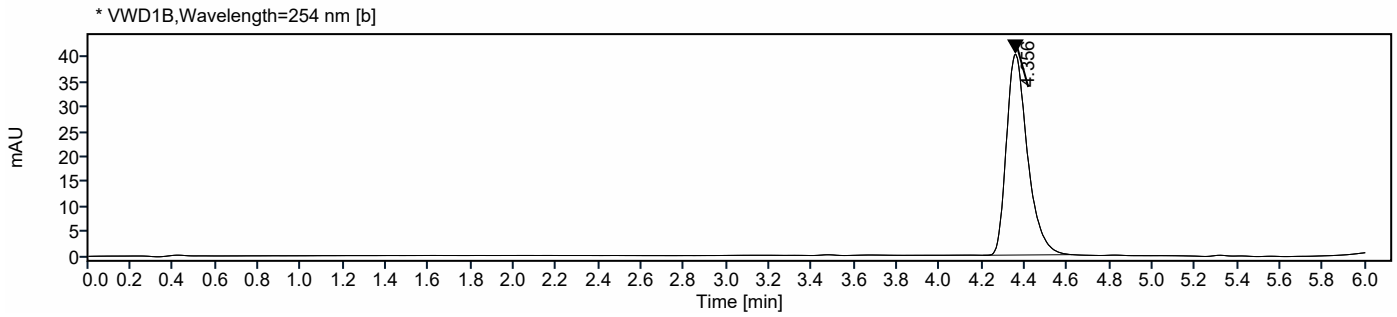
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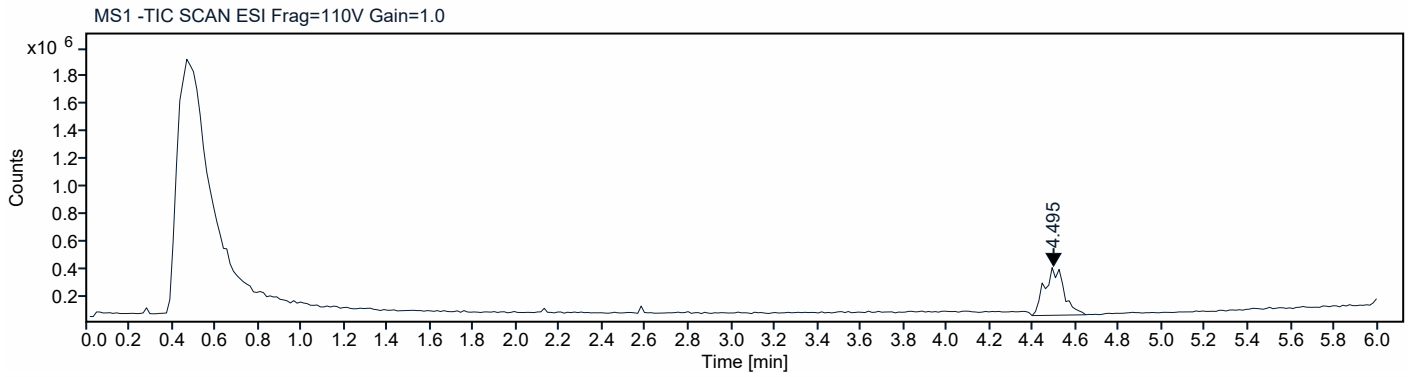
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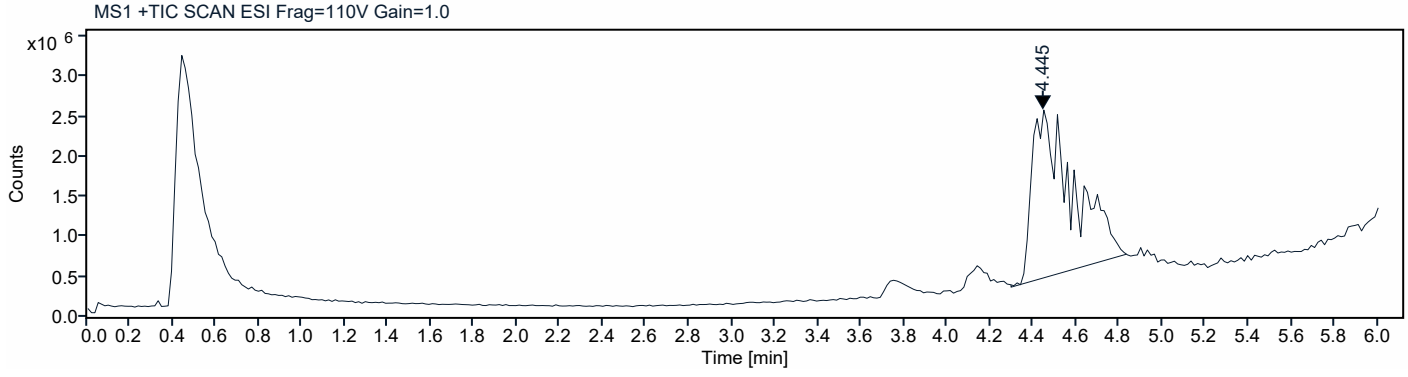
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	RT20.dx	**Project name:**	2026
Sample name:	RT20	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-27 20:58:50+08:00
Inj. volume:	5.000 µL	**Location:**	P1-E2
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%
4.445	VM m	0.5367	27445743.4331	2100429.1634	100.0000
		Sum	**27445743.4331**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.495	BB	0.2485	2163480.8572	350605.2620	100.0000
		Sum	**2163480.8572**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.360	MM m	0.5551	10735.8016	1498.5343	99.8112
5.421	MM m	0.1444	20.3063	3.4227	0.1888
		Sum	**10756.1079**		

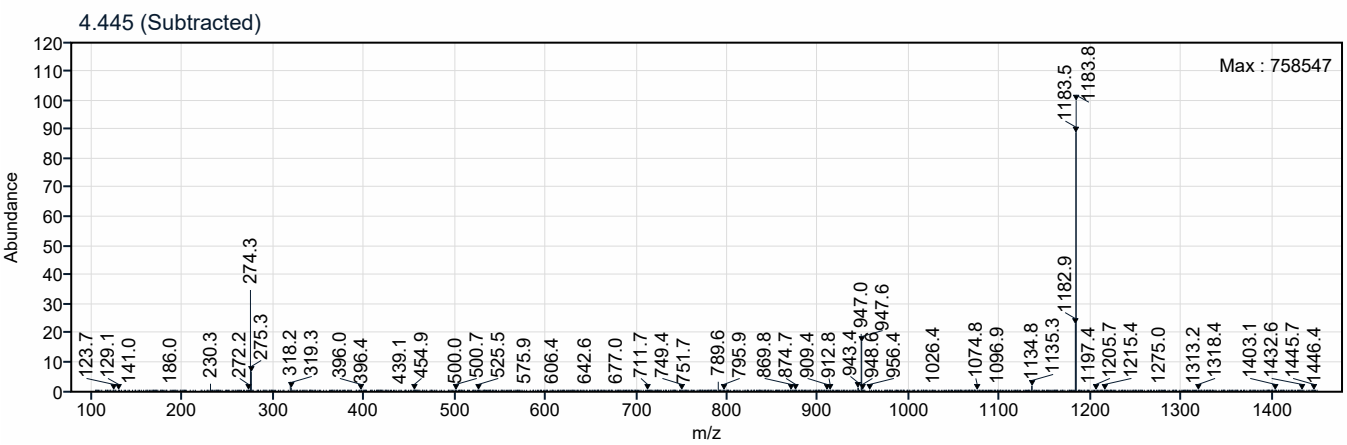
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.356	BM m	0.4169	277.1098	40.3149	100.0000
		Sum	**277.1098**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.445 min **Area %:** 100.00%



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

Peak RT: 4.495 min **Area %:** 100.00%

