TEST REPORT

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

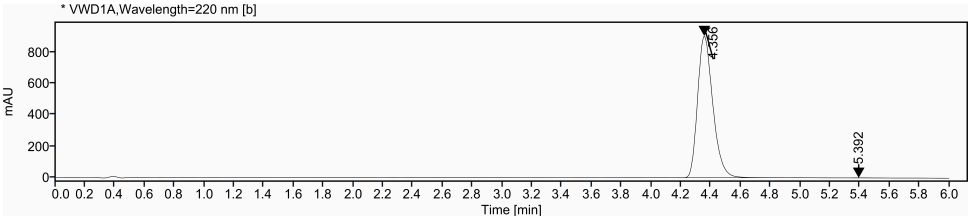
RT10-2026102175001 **Sample Received: 2026-10-21**

Authentication Code: **Analysis date: 2026-10-22**



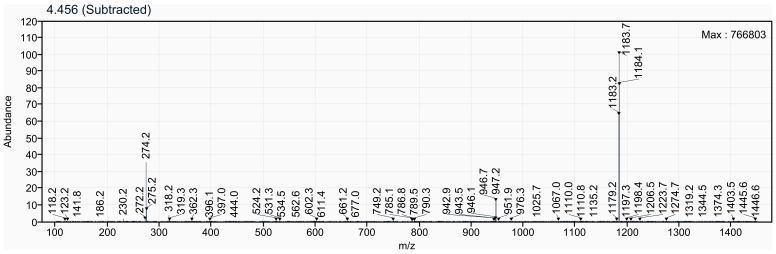
Compound	RT10/Retatrutide	CAS Number	2381089-83-2
Formula	$C_{221}H_{342}N_{46}O_{68}$	Molecular Weight	4731.41
Manufacturer	Protides Biotech Jamaica		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.356	MM m	0.7119	6413.0140	905.4543	99.8930
5.392	MM m	0.2941	6.8662	0.7113	0.1070
		Sum	**6419.8802**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.89%
Mass Spectrum	Conforms to $[M+4H]^{4+}$	Detected
Net Content	12.18 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

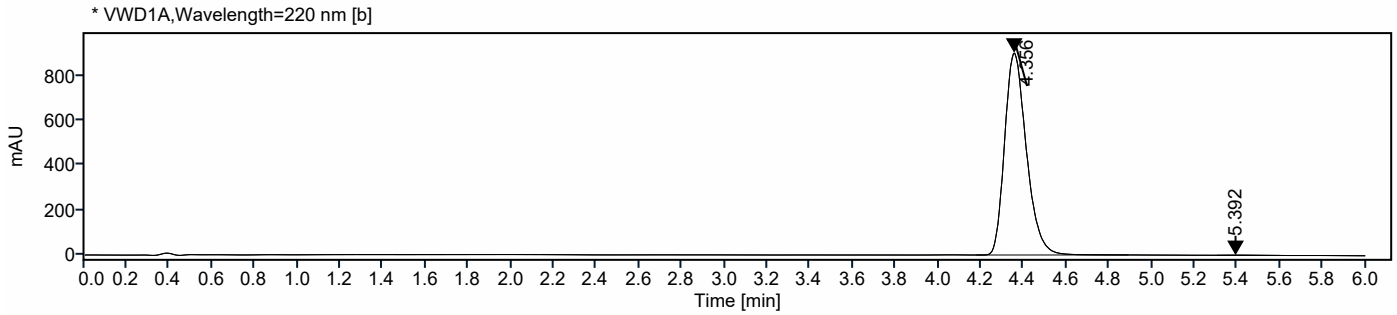
重要声明 / Important Notice

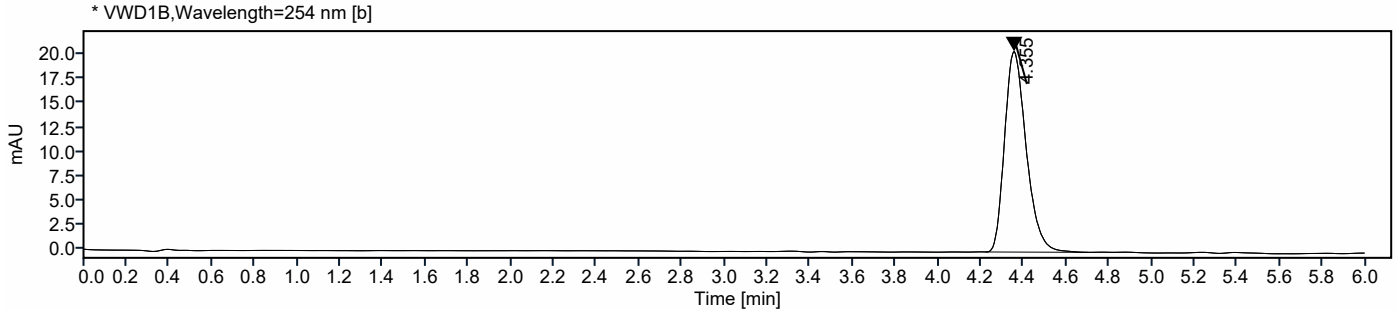
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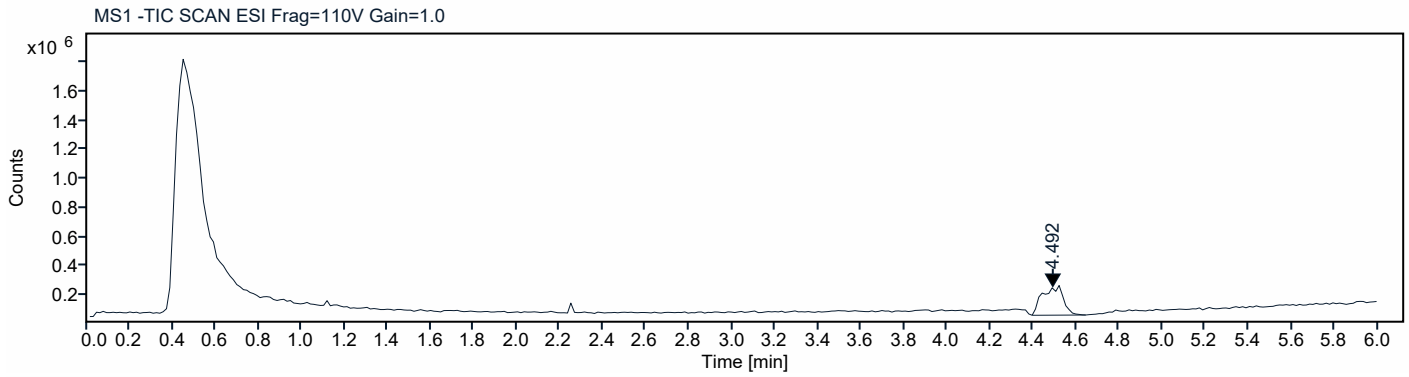
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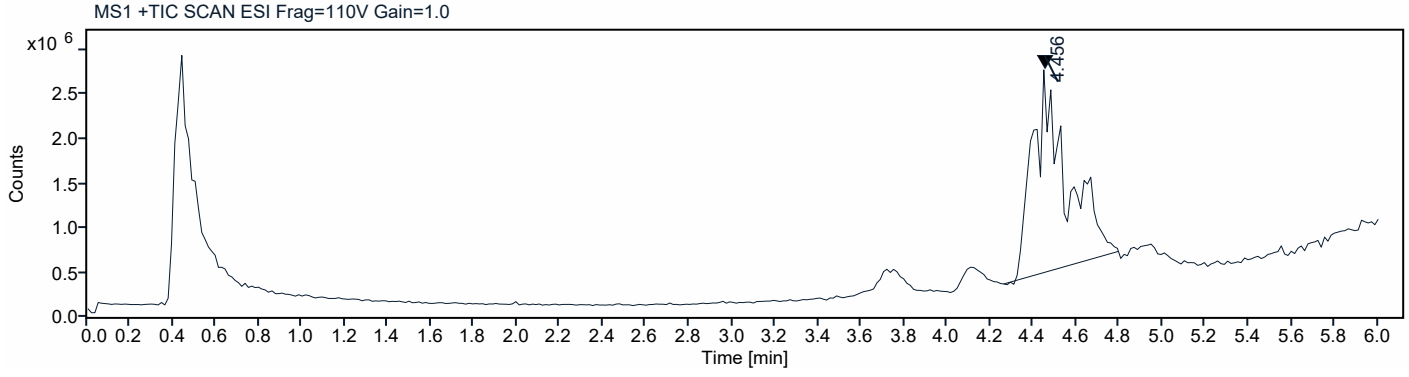
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	RT10.dx	**Project name:**	2026
Sample name:	RT10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-10-22 12:54:16+08:00
Inj. volume:	5.000 µL	**Location:**	P1-E1
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%
4.456	MM m	0.5330	24812734.8171	2273884.8312	100.0000
		Sum	**24812734.8171**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.492	BB	0.2485	1335535.2379	187945.1093	100.0000
		Sum	**1335535.2379**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.356	MM m	0.7119	6413.0140	905.4543	99.8930
5.392	MM m	0.2941	6.8662	0.7113	0.1070
		Sum	**6419.8802**		

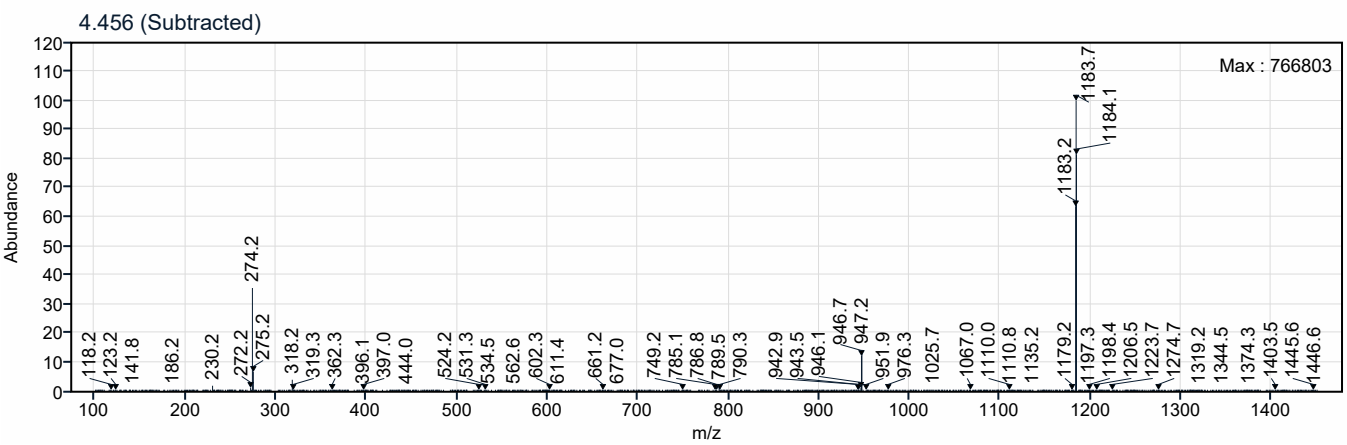
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.355	BB	0.4800	145.1475	20.5862	100.0000
		Sum	**145.1475**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.456 min **Area %:** 100.00%



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

Peak RT: 4.492 min **Area %:** 100.00%

