TEST REPORT

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

RT10-20260806S7389

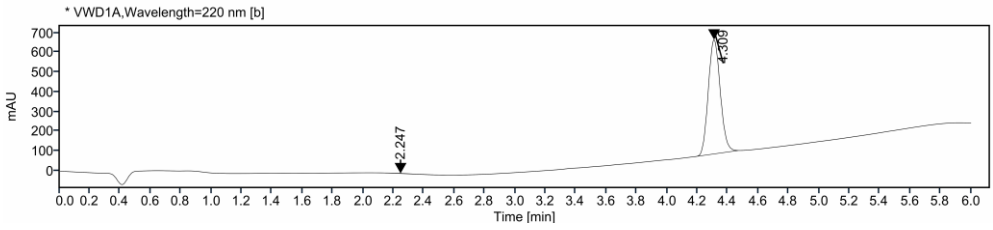
Sample Received: 2026-08-06

Authentication Code:

Analysis date: 2026-08-06

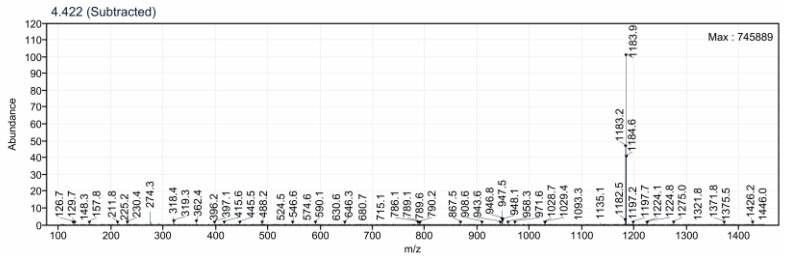
Compound	RT10/Retatrutide	CAS Number	2381089-83-2
Formula	$C_{221}H_{342}N_{46}O_{68}$	Molecular Weight	4731.41
Manufacturer	DNA Longevix	Batch Number	CM9105227

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
2.247	MM m	0.3204	5.2987	0.7837	0.1663
4.309	MM m	0.2888	3180.7500	580.7522	99.8337
		Sum	**3186.0487**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.83%
Mass Spectrum	Conforms to $[M+4H]^{4+}$	Detected
Peptide Weight	Not Tested	

Peng Gao, Data Compilation Zhibo Li, Technical Review

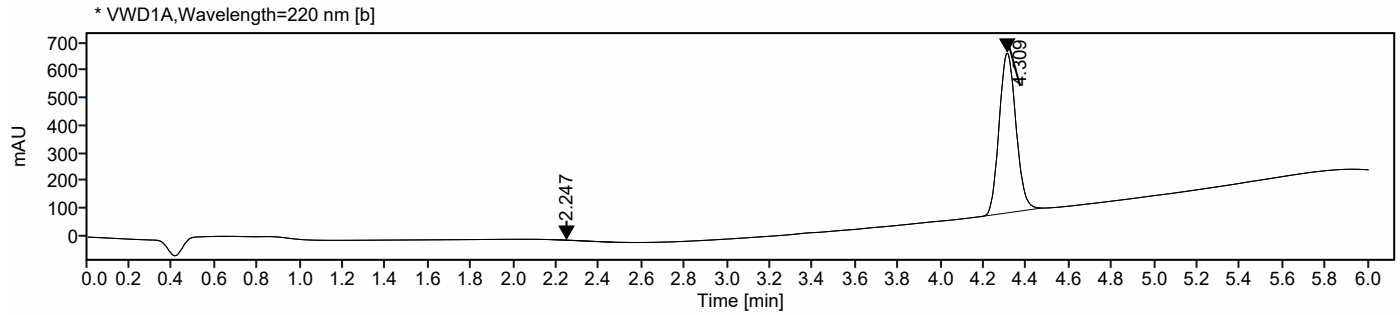
重要声明 / Important Notice

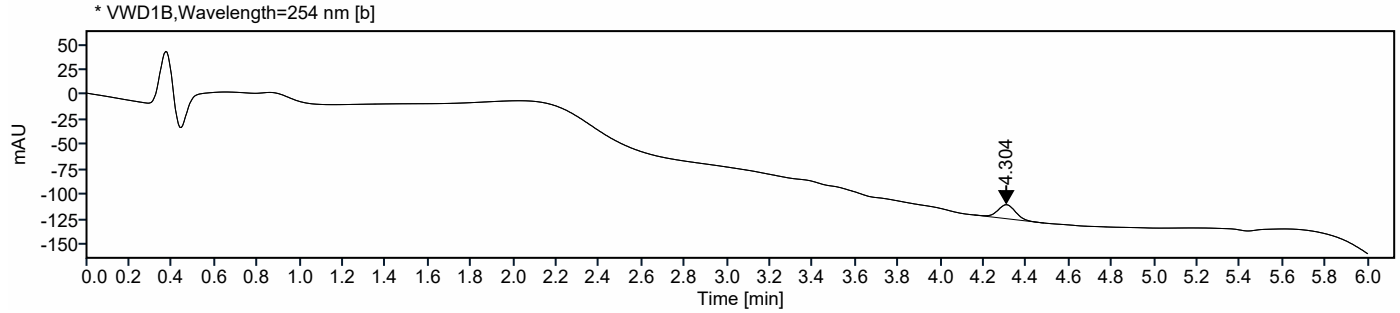
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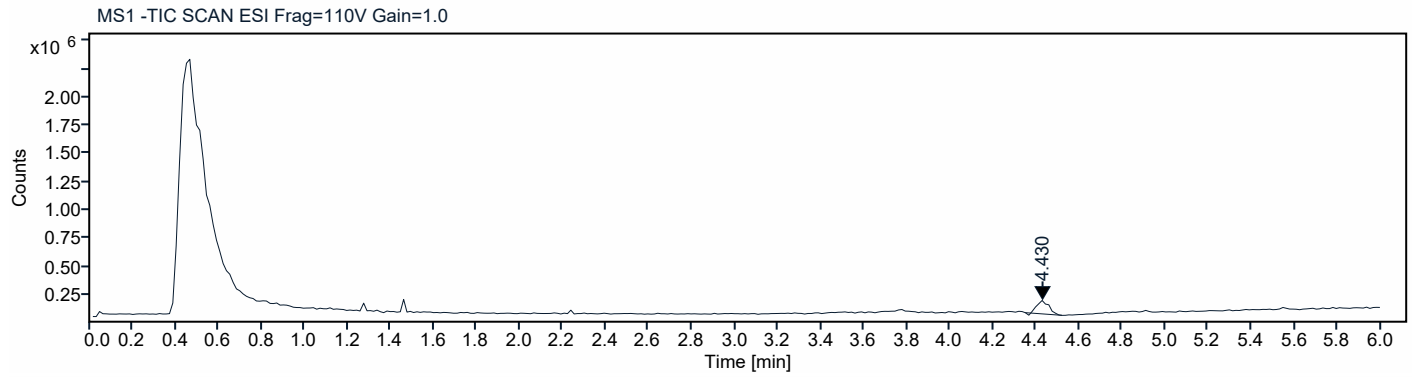
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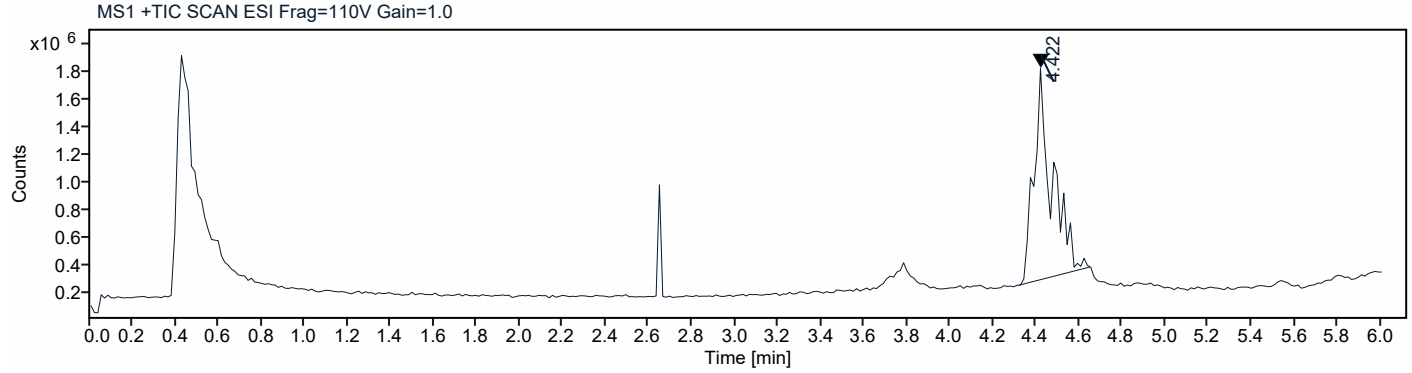
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	RT10.dx	**Project name:**	2026
Sample name:	RT10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-08-06 13:30:42+08:00
Inj. volume:	5.000 µL	**Location:**	P1-E5
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%
4.422	MM m	0.3297	9000219.2351	1532456.8633	100.0000
		Sum	**9000219.2351**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.430	MM m	0.1712	446096.7577	119147.5187	100.0000
		Sum	**446096.7577**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
2.247	MM m	0.3204	5.2987	0.7837	0.1663
4.309	MM m	0.2888	3180.7500	580.7522	99.8337
		Sum	**3186.0487**		

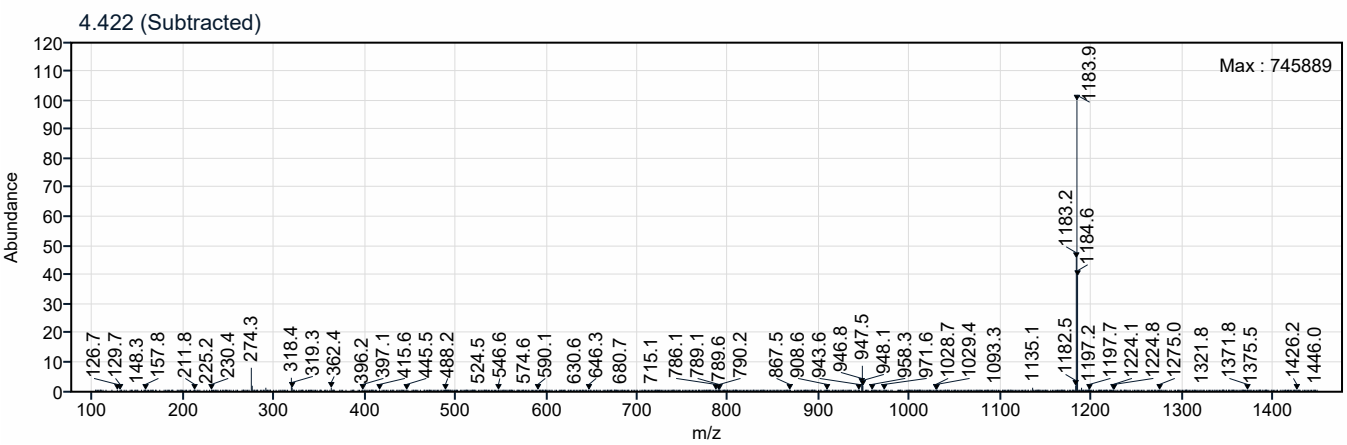
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.304	MM m	0.3249	80.1608	13.9578	100.0000
		Sum	**80.1608**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.422 min **Area %:** 100.00%



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

Peak RT: 4.430 min **Area %:** 100.00%

