TEST REPORT

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

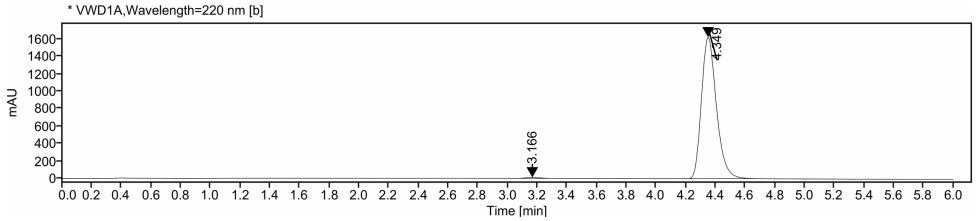
RT20-20261013S0291 **Sample Received: 2026-10-13**

Authentication Code: **Analysis date: 2026-10-15**



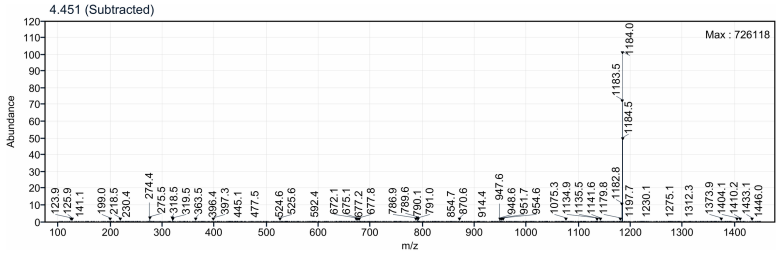
Compound	RT20/Retatrutide	CAS Number	2381089-83-2
Formula	$C_{221}H_{342}N_{46}O_{68}$	Molecular Weight	4731.41
Manufacturer	Jintai Bio		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.166	MM m	0.2728	80.7961	11.5436	0.7062
4.349	MM m	0.5200	11360.5006	1626.1465	99.2938
	Sum		**11441.2967**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.29%
Mass Spectrum	Conforms to $[M+4H]^{4+}$	Detected
Net Content	24.48 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

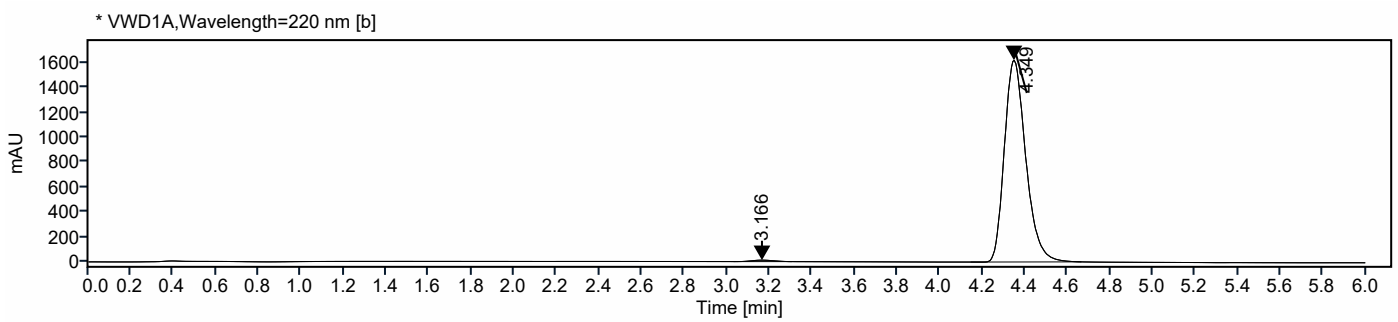
重要声明 / Important Notice

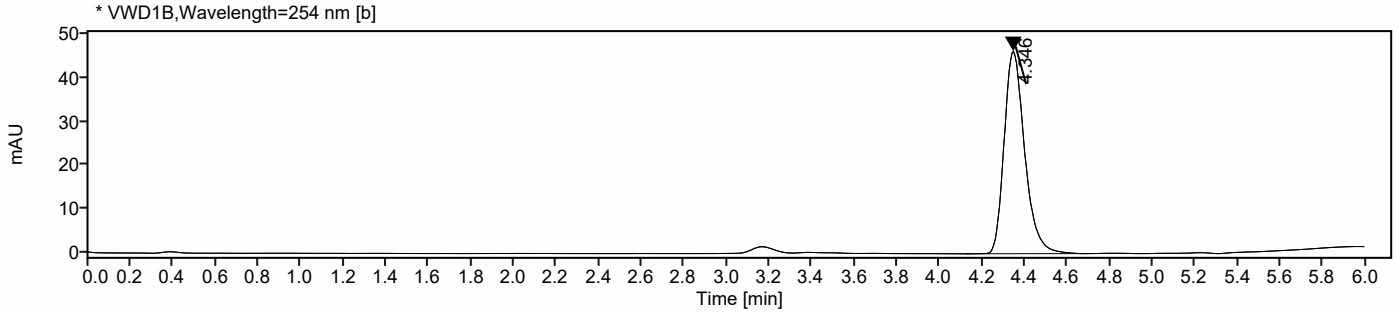
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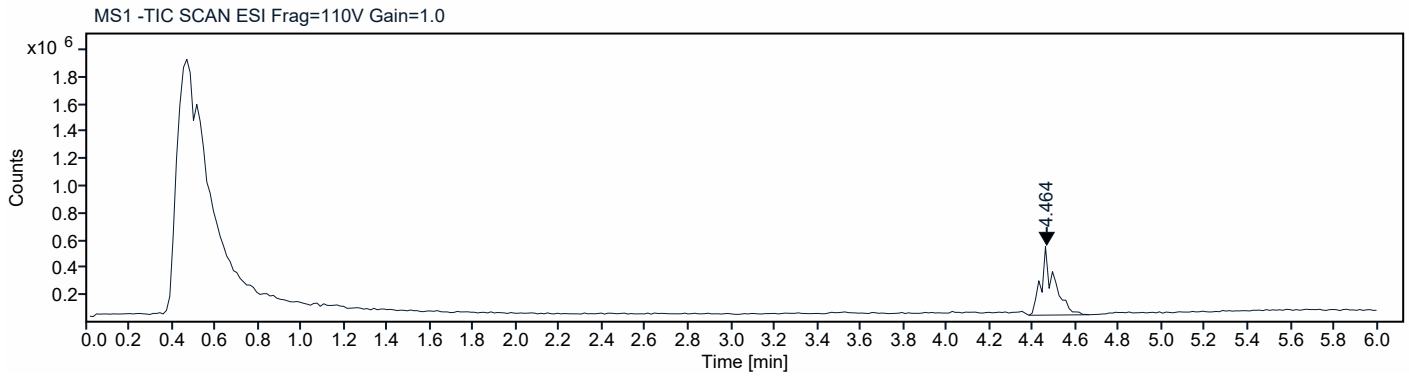
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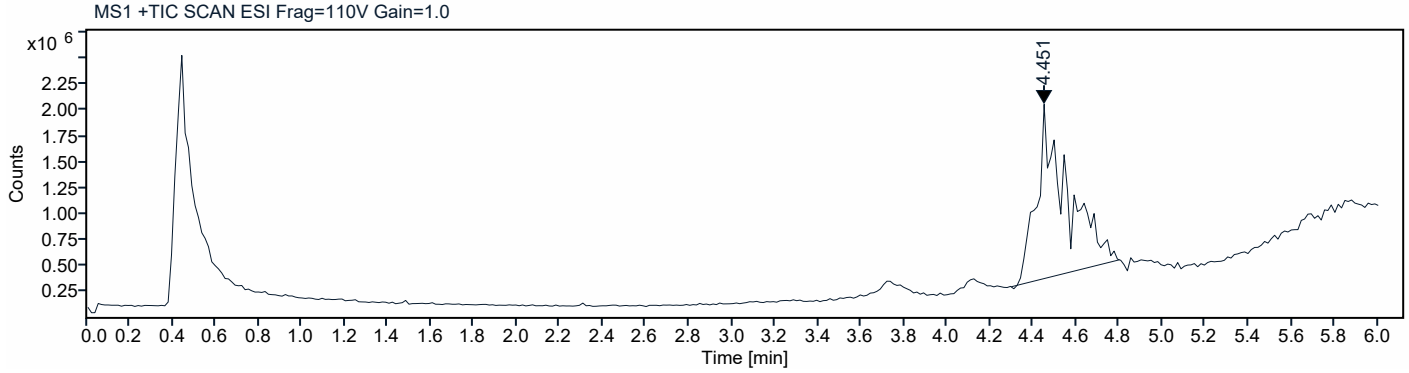
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	RT20.dx	**Project name:**	2026
Sample name:	RT20	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-10-15 00:00:00+08:00
Inj. volume:	5.000 µL	**Location:**	P2-A5
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%
4.451	MM m	0.5032	16123646.3080	1678478.0982	100.0000
		Sum	**16123646.3080**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.464	BB	0.2796	2125886.1447	505814.0076	100.0000
		Sum	**2125886.1447**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.166	MM m	0.2728	80.7961	11.5436	0.7062
4.349	MM m	0.5200	11360.5006	1626.1465	99.2938
		Sum	**11441.2967**		

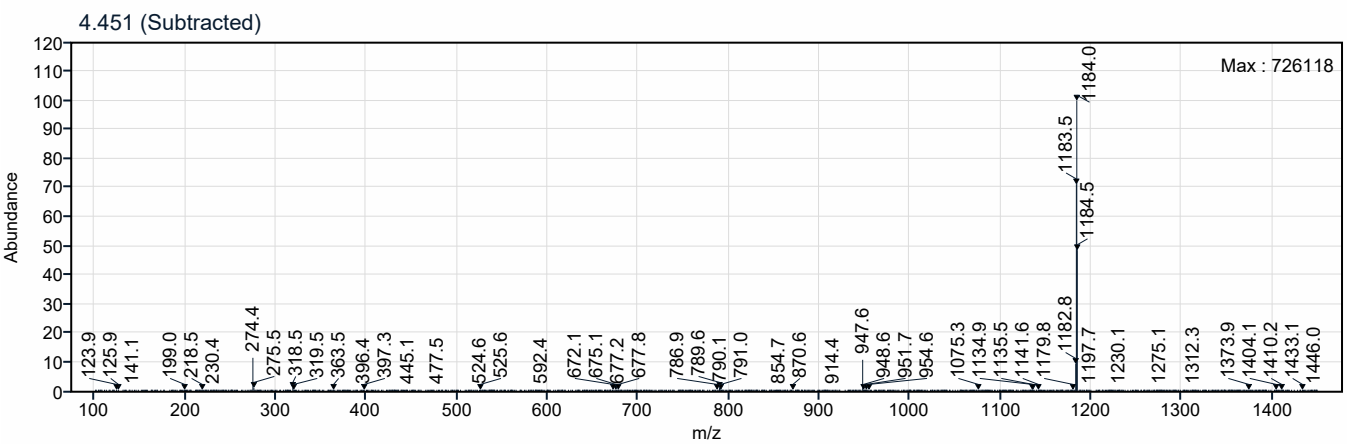
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.346	BB	0.5653	309.8204	46.3071	100.0000
		Sum	**309.8204**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 4.451 min **Area %:** 100.00%



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

Peak RT: 4.464 min **Area %:** 100.00%

