TEST REPORT

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

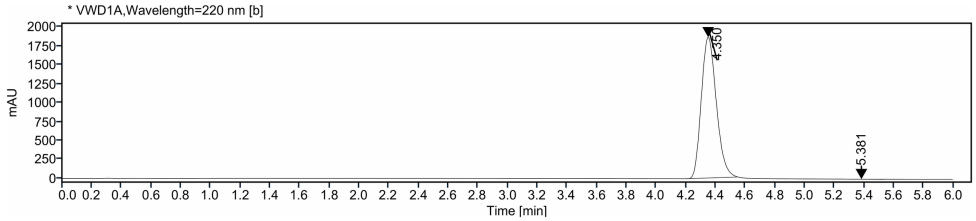
RT30-20261013S0291 **Sample Received: 2026-10-13**

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



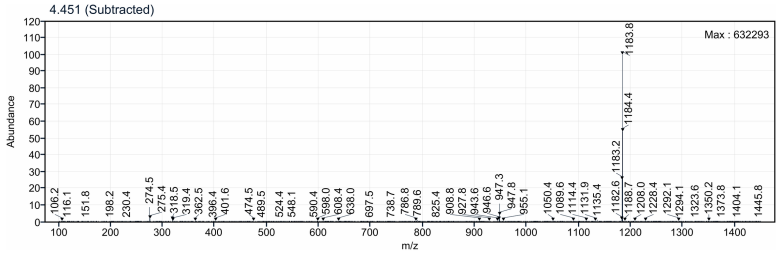
Compound	RT30/Retatrutide	CAS Number	2381089-83-2
Formula	$C_{221}H_{342}N_{46}O_{68}$	Molecular Weight	4731.41
Manufacturer	Jintai Bio		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
4.350	MM m	0.3538	13017.0804	1857.9655	99.8848
5.381	MM m	0.2430	15.0150	0.9534	0.1152
		Sum	**13032.0955**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.88%
Mass Spectrum	Conforms to $[M+4H]^{4+}$	Detected
Net Content	35.56 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

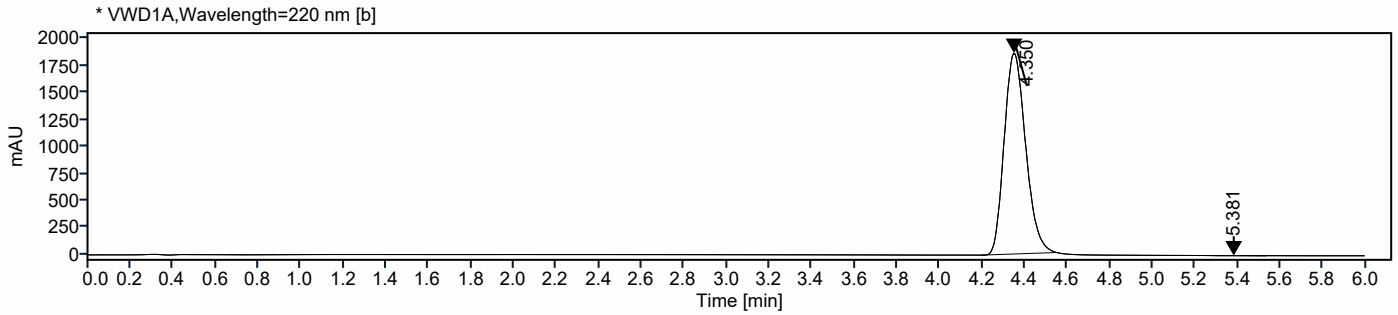
重要声明 / Important Notice

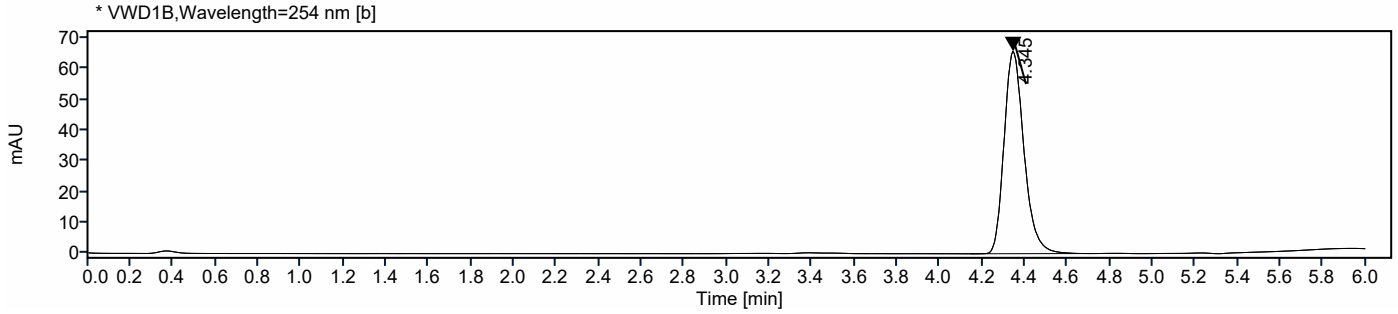
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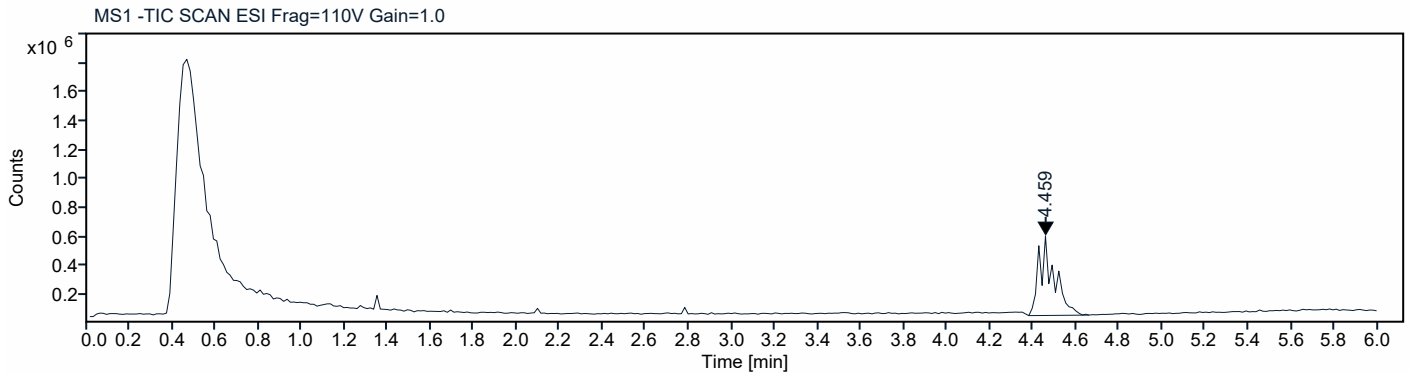
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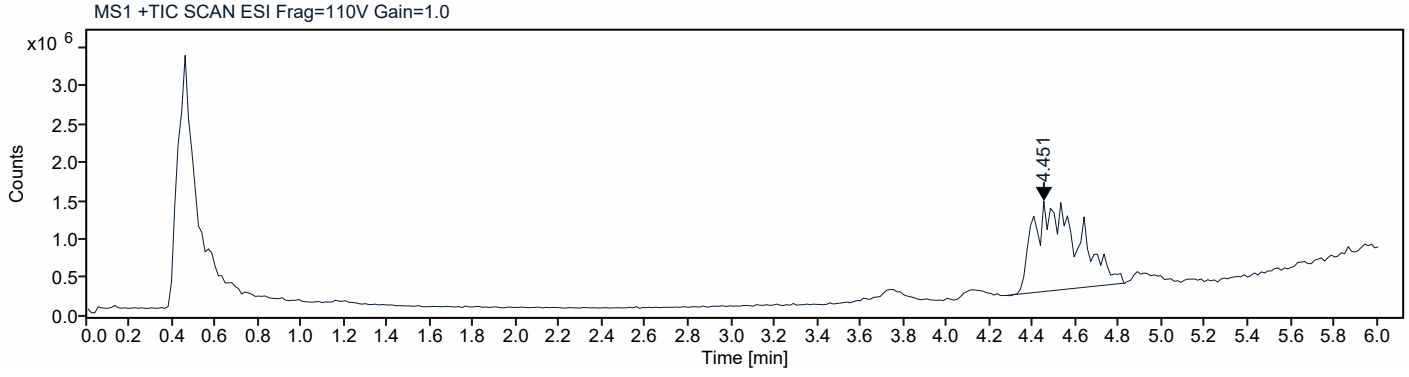
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	RT30.dx	**Project name:**	2026
Sample name:	RT30	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-10-15 00:31:14+08:00
Inj. volume:	5.000 µL	**Location:**	P2-A9
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	0.5501	16870657.4392	1179428.3204	100.0000
		Sum	**16870657.4392**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.459	BB	0.2795	2677964.4555	551223.0492	100.0000
		Sum	**2677964.4555**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
4.350	MM m	0.3538	13017.0804	1857.9655	99.8848
5.381	MM m	0.2430	15.0150	0.9534	0.1152
		Sum	**13032.0955**		

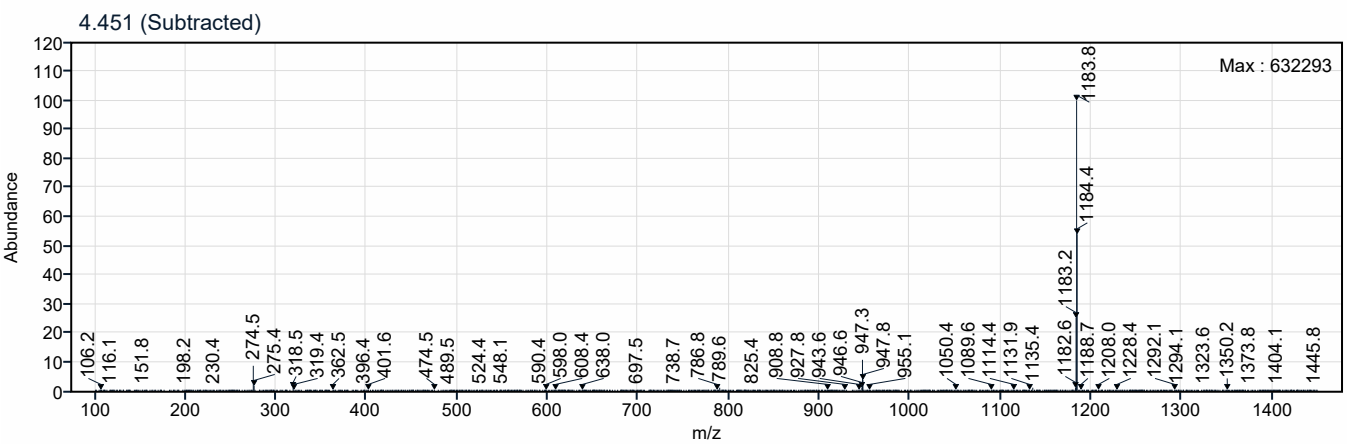
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
4.345	BB	0.5789	427.5909	65.7798	100.0000
		Sum	**427.5909**		

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: 4.459 min **Area %:** 100.00%

