



TEST REPORT

E: contact@tjxgd.com

W: www.tjxgd.com

MT2-2026016S5549

Sample Received: 2026-09-17

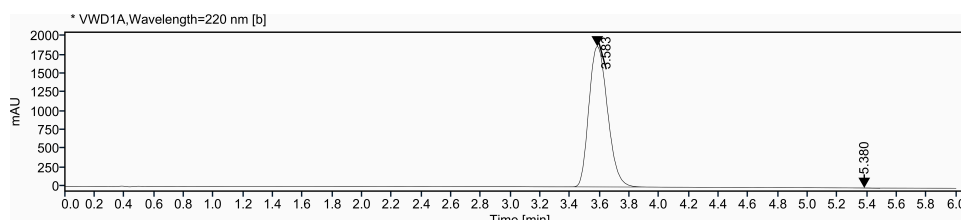
Authentication Code:

Analysis date: 2026-09-17



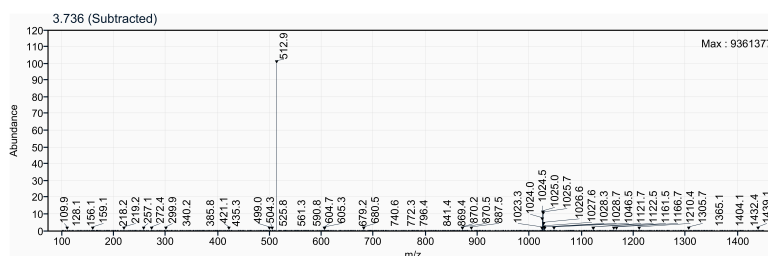
Compound	MT2/Melanotan II	CAS Number	121062-08-6
Formula	C ₅₀ H ₆₉ N ₁₅ O ₉	Molecular Weight	1024.2
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.583	MM m	0.5822	16289.5802	1870.7275	99.8793
5.380	MM m	0.1805	19.6915	2.2247	0.1207
Sum			16309.2717		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.87%
Mass Spectrum	Conforms to [M+3/2] ^{3/2+}	Detected
Net Content	11.24 mg	

Peng Gao

Zhibo Li

Peng Gao, Data Compilation

Zhibo Li, Technical Review

重要声明 / Important Notice

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LCMS Sample Purity - Detailed Report



Result set name: SingleSample

Data file: MT2.dx

Sample name: MT2

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

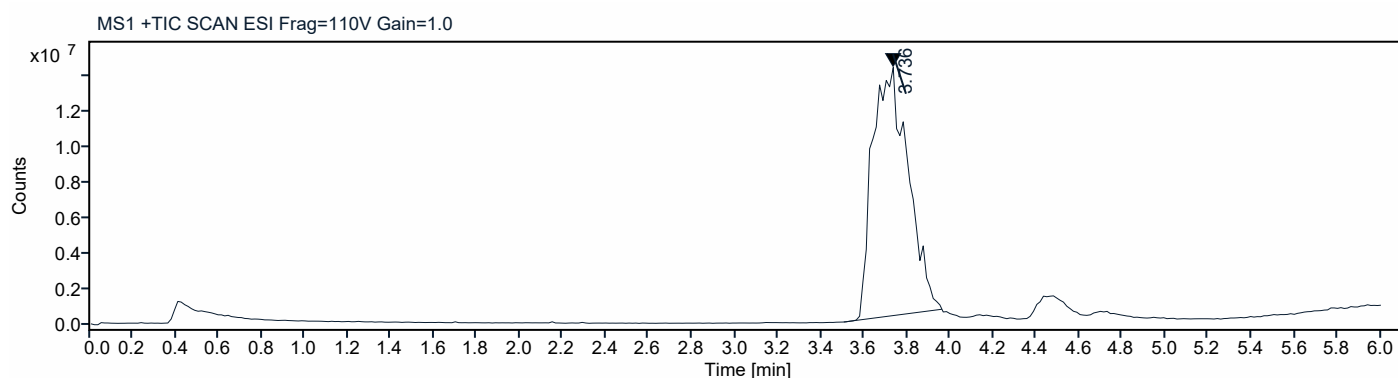
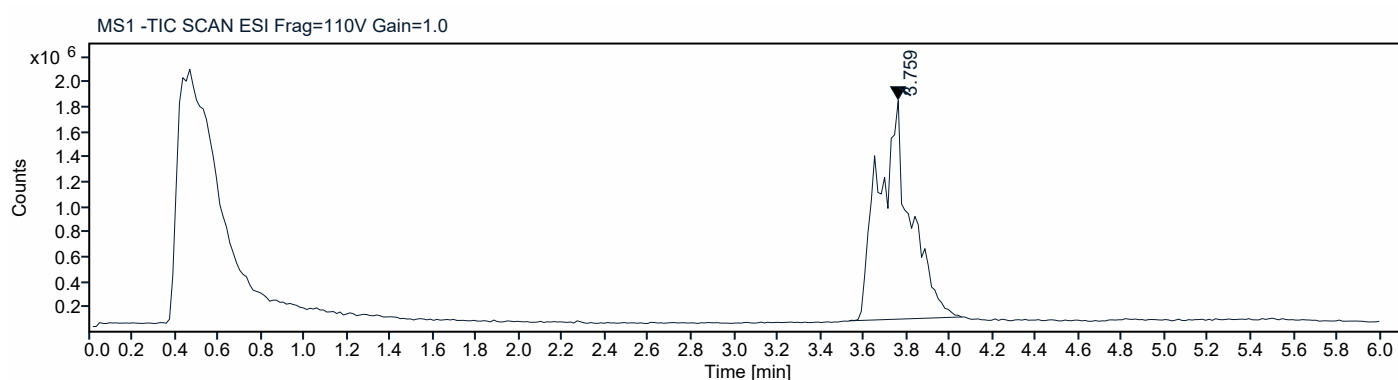
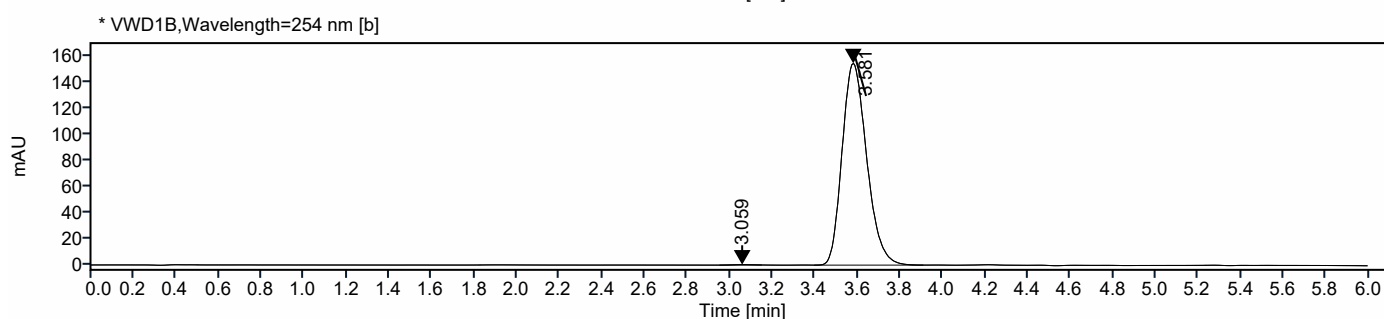
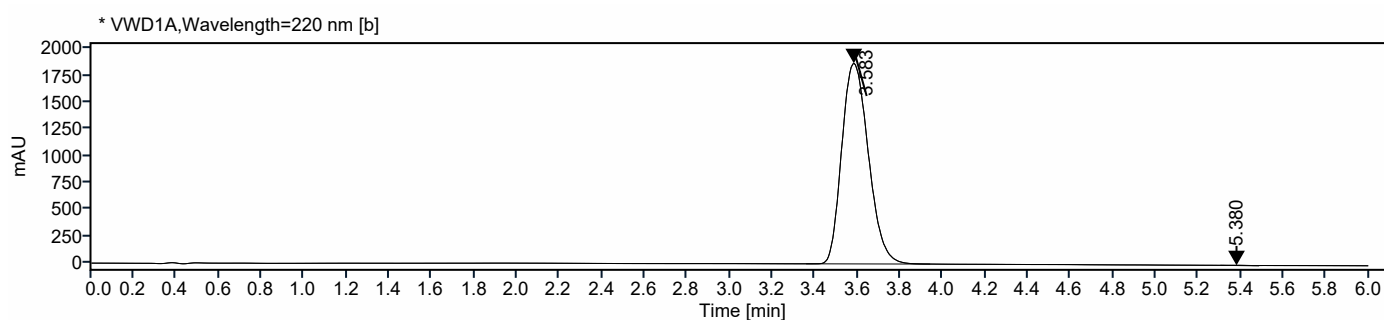
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-17 13:03:45+08:00

Location: P1-D6



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.736	MM m	0.4559	159567615.6553	13884966.4547	100.0000
Sum			159567615.6553		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.759	MM m	0.5222	18145989.4495	1749288.7576	100.0000
Sum			18145989.4495		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.583	MM m	0.5822	16289.5802	1870.7275	99.8793
5.380	MM m	0.1805	19.6915	2.2247	0.1207
Sum			16309.2717		

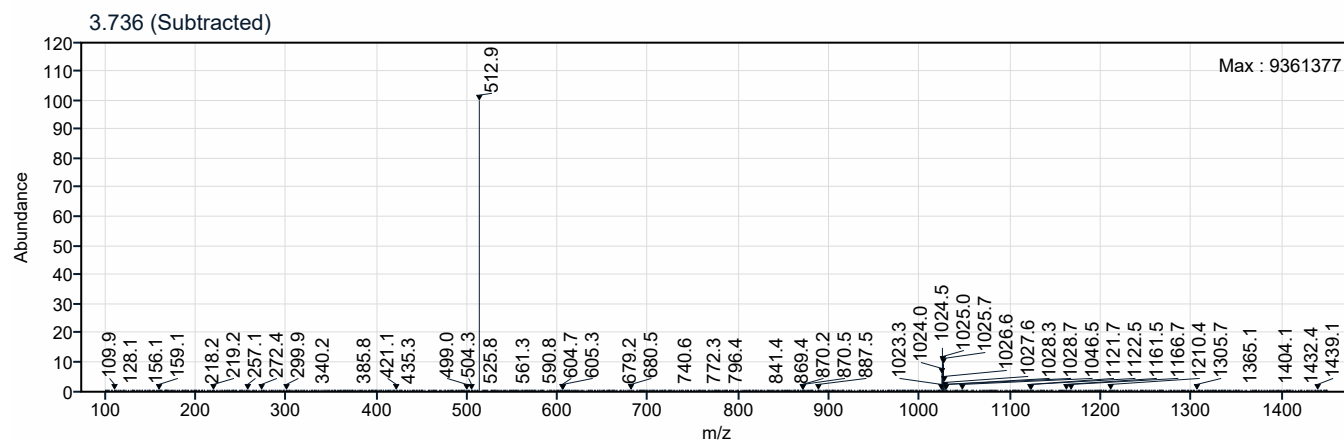
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.059	MM m	0.1986	1.7756	0.2932	0.1421
3.581	VM m	0.5122	1247.9228	155.4105	99.8579
Sum			1249.6983		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.736 min **Area %:** 100.00%



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

Peak RT: 3.759 min **Area %:** 100.00%

