

TEST REPORT



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MS10-20261019S7477

Sample Received: 2026-10-19

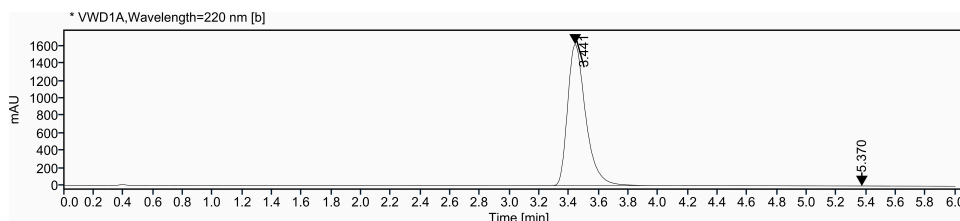
Authentication Code:

Analysis date: 2026-10-20



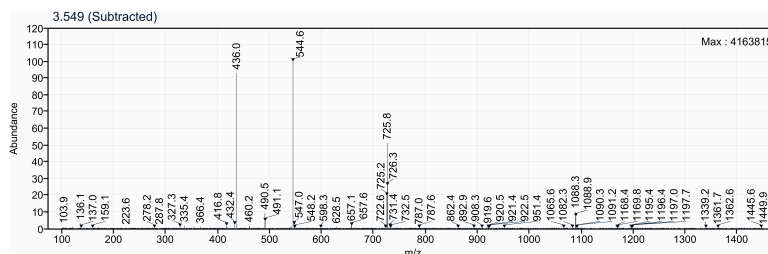
Compound	MS10/Mots-C	CAS Number	1627580-64-6
Formula	C ₁₀₁ H ₁₅₂ N ₂₈ O ₂₂ S ₂	Molecular Weight	2174.6
Manufacturer	PepNeLum		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.441	MM m	0.7119	13713.6779	1623.2572	99.8891
5.370	MM m	0.2728	15.2314	0.8683	0.1109
Sum			13728.9093		



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+5/4/3/2] ^{5/4/3/2+}	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: MS10.dx

Sample name: MS10

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

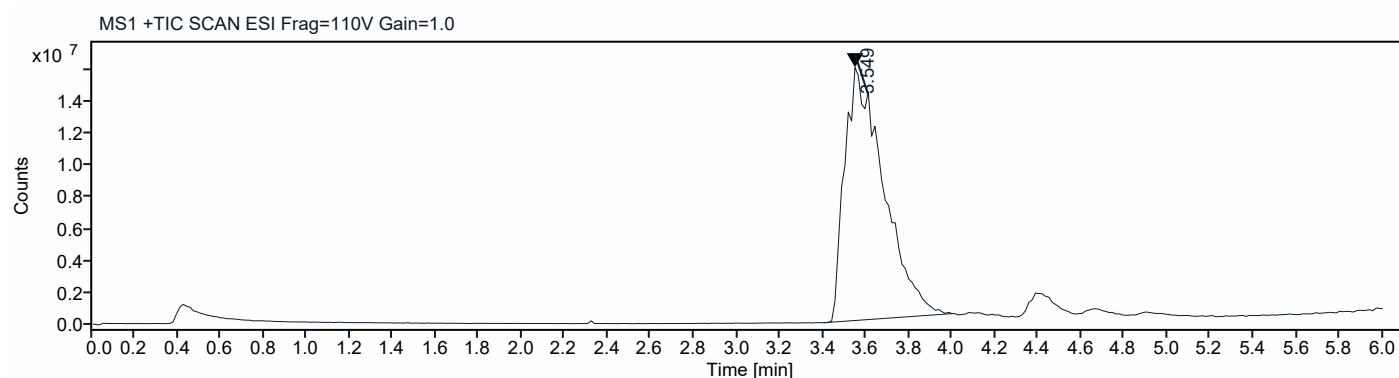
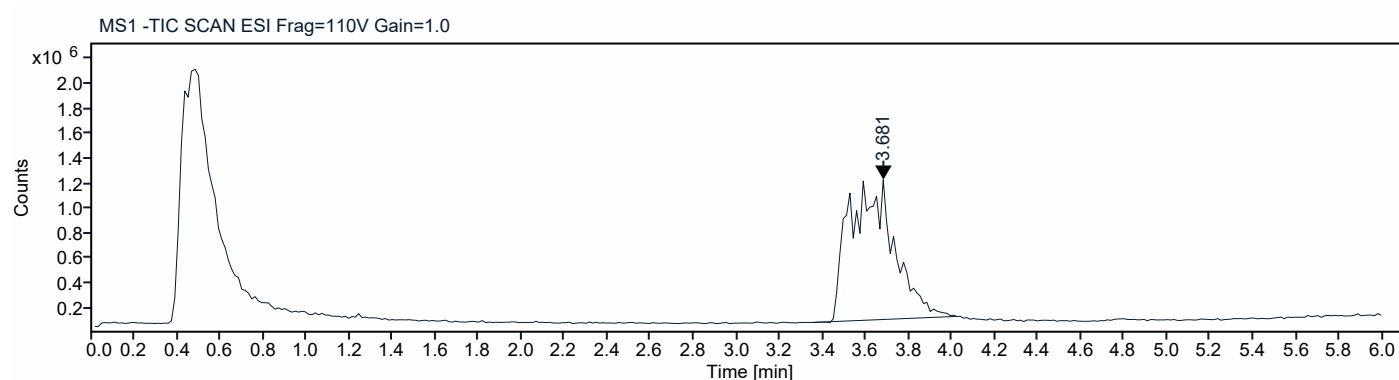
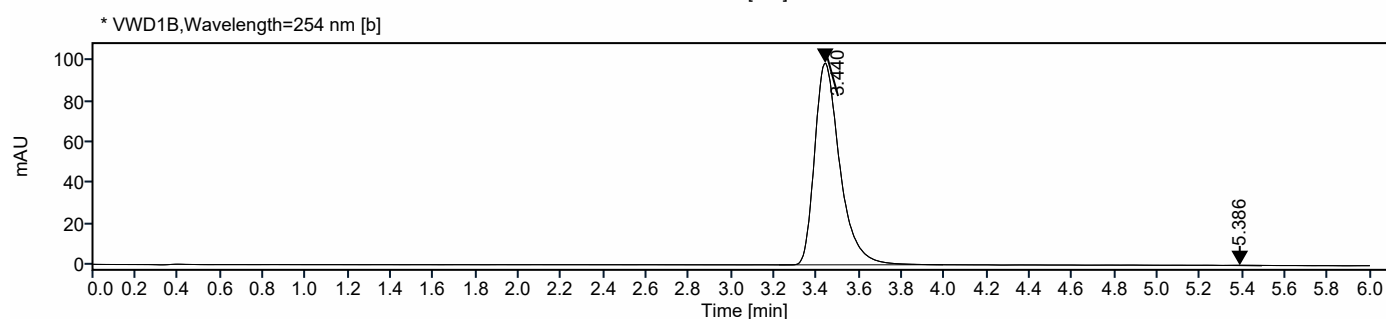
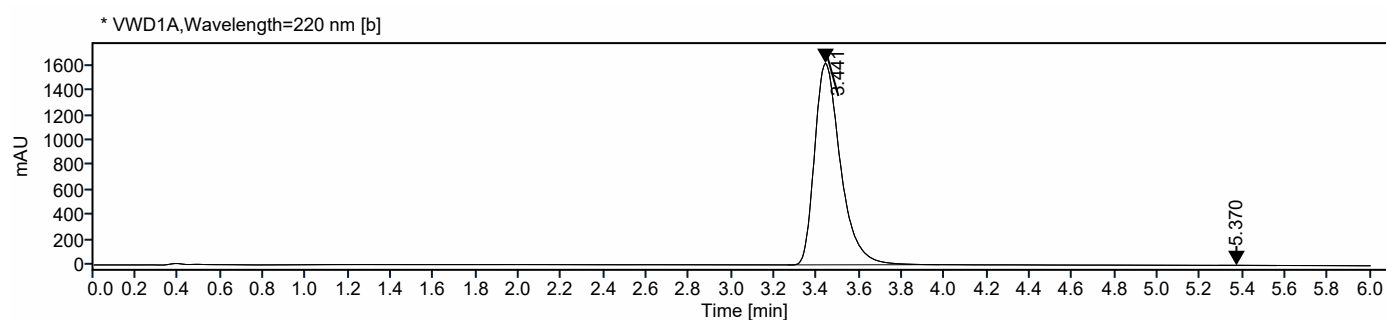
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-10-20 19:44:40+08:00

Location: P1-B7



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.549	MM m	0.6012	198895562.6 546	15812179.82 73	100.0000
Sum			198895562.6 546		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.681	MM m	0.6719	16203241.50 77	1121622.21 00	100.0000
Sum			16203241.50 77		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.441	MM m	0.7119	13713.6779	1623.2572	99.8891
5.370	MM m	0.2728	15.2314	0.8683	0.1109
Sum			13728.9093		

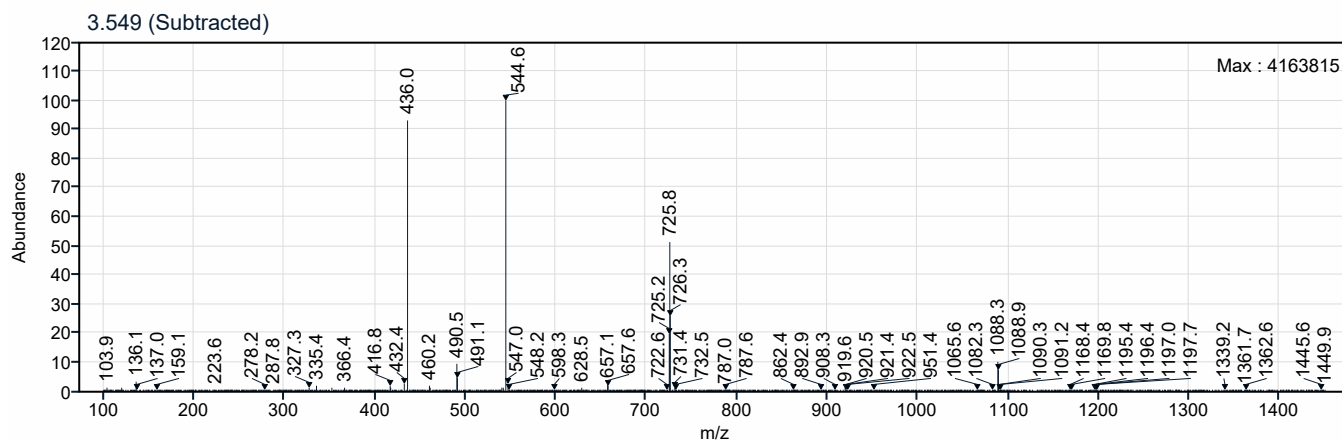
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.440	BM m	0.7699	815.8801	99.2621	99.8080
5.386	MM m	0.1748	1.5693	0.1575	0.1920
Sum			817.4494		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.549 min **Area %:** 100.00%



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

Peak RT: 3.681 min **Area %:** 100.00%

