TEST REPORT

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

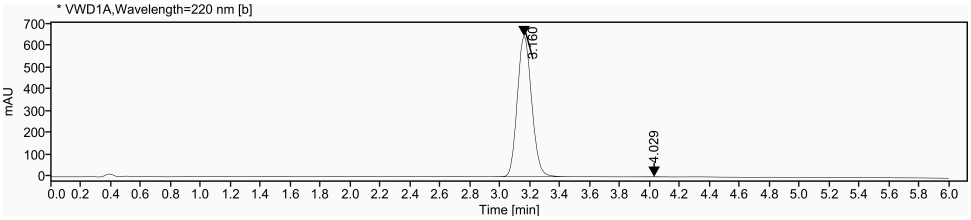
XA5-20261020S9548 **Sample Received: 2026-10-20**

Authentication Code: **Analysis date: 2026-10-20**



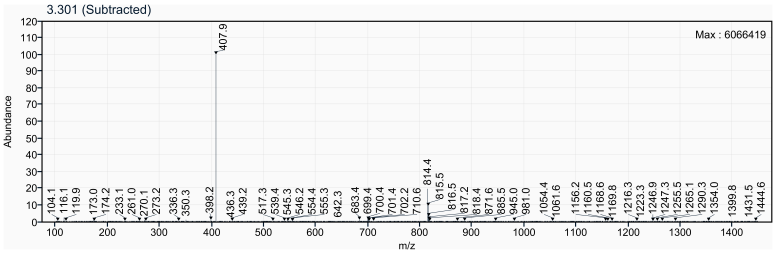
Compound	XA5/Semax	CAS Number	80714-61-0
Formula	$C_{37}H_{51}N_9O_{10}S$	Molecular Weight	813.9
Manufacturer	BODI	Batch Number	BD-SX5-1026

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.160	VM m	0.4993	4300.2039	646.8557	99.8661
4.029	MM m	0.2643	5.7676	0.6535	0.1339
		Sum	**4305.9715**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.86%
Mass Spectrum	Conforms to $[M+2H]^{2+}$, $[M+H]^{+}$	Detected
Net Content	5.29 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

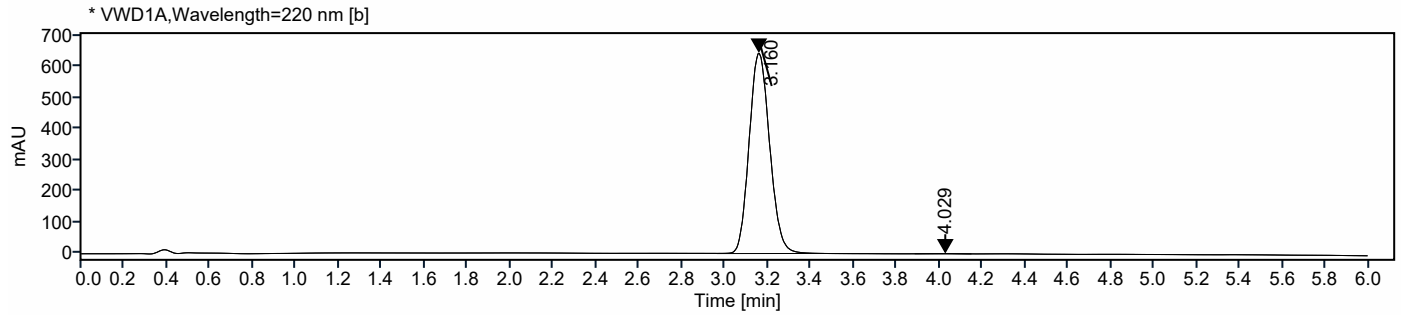
重要声明 / Important Notice

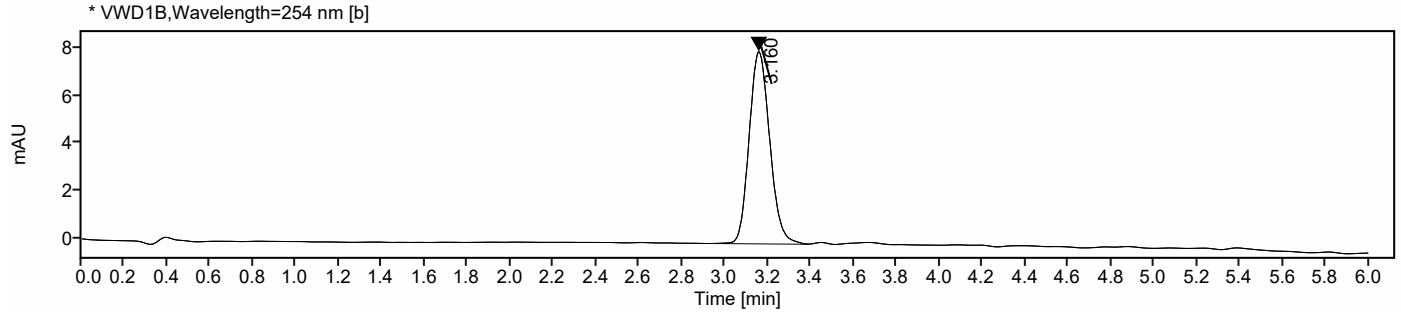
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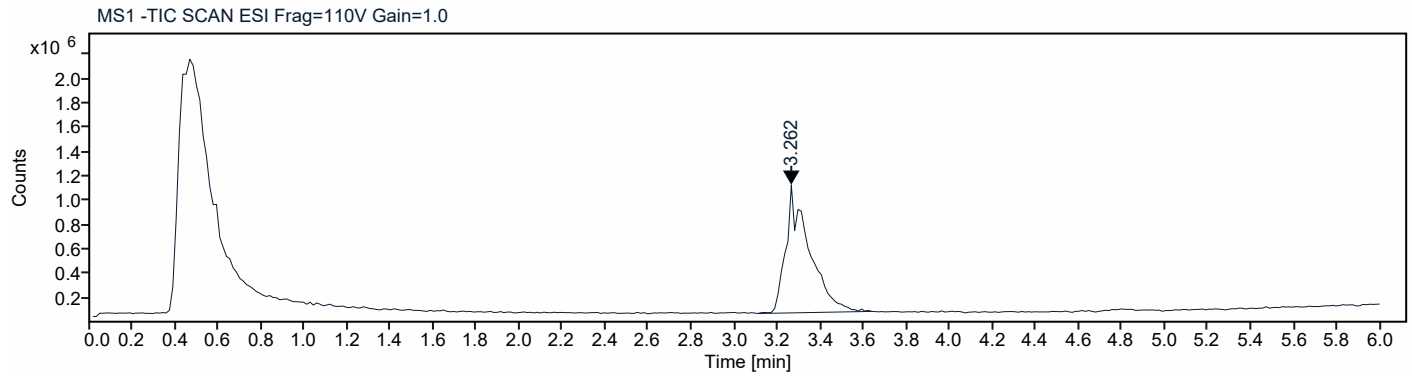
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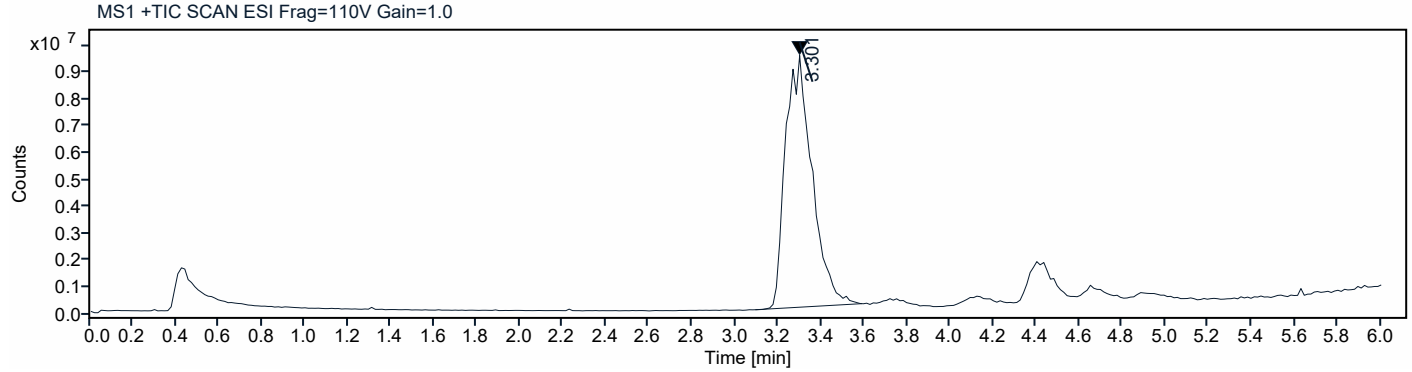
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	XA5.dx	**Project name:**	2026
Sample name:	XA5	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-10-20 23:47:37+08:00
Inj. volume:	5.000 µL	**Location:**	P1-F1
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%
3.301	MM m	0.4947	81048722.8610	9384674.2805	100.0000
		Sum	**81048722.8610**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.262	BM m	0.5285	8038702.6466	1052124.5971	100.0000
		Sum	**8038702.6466**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.160	VM m	0.4993	4300.2039	646.8557	99.8661
4.029	MM m	0.2643	5.7676	0.6535	0.1339
		Sum	**4305.9715**		

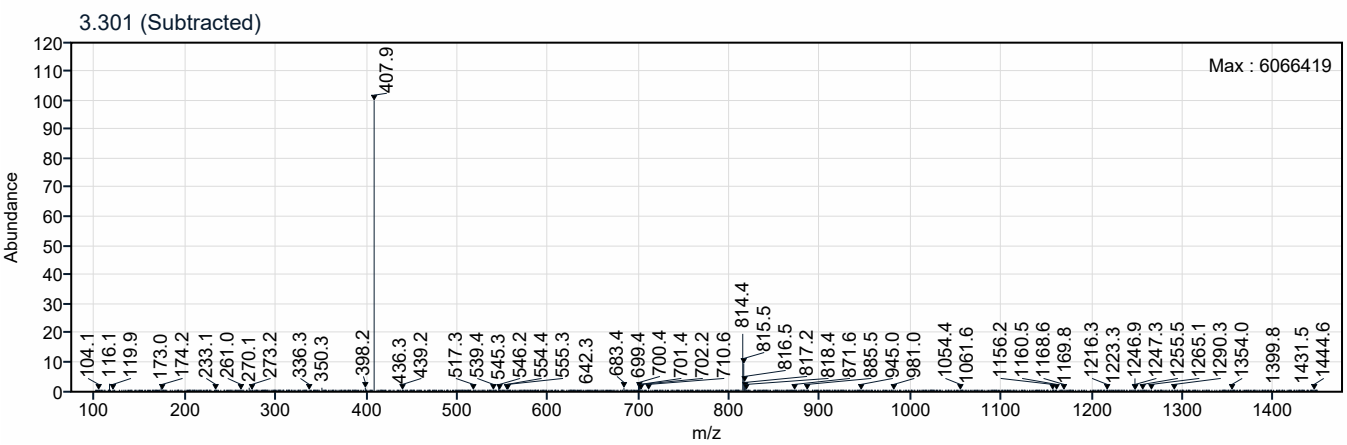
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.160	BV	0.4647	53.7995	8.0700	100.0000
		Sum	**53.7995**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.301 min **Area %:** 100.00%



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

Peak RT: 3.262 min **Area %:** 100.00%

