High-quality Analytical Reagents
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Watson International Ltd (Limited)
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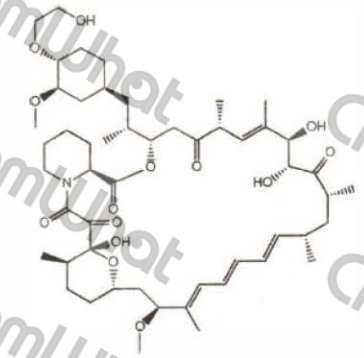
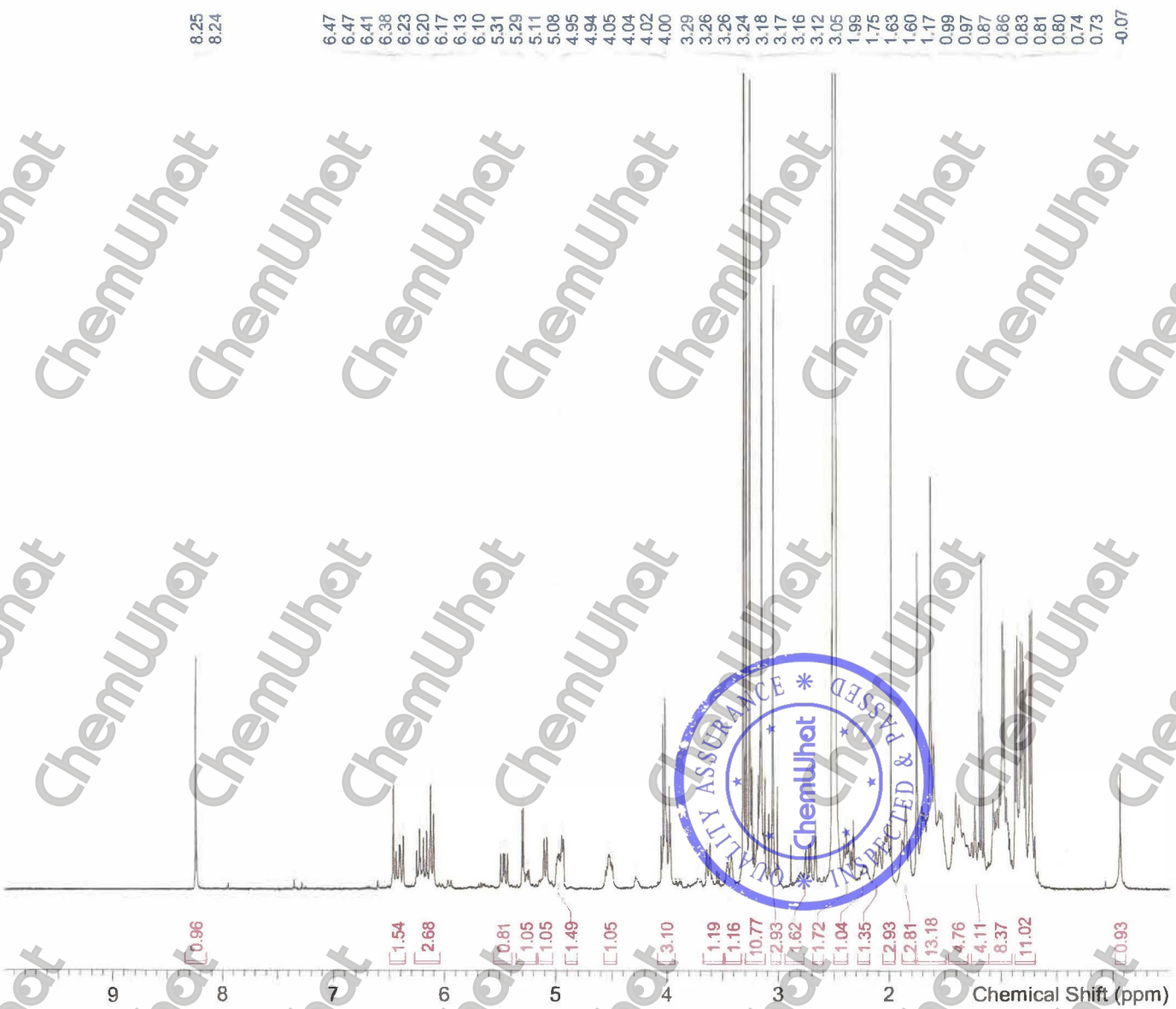
TECHNICAL DATA SHEET (TDS)

PRODUCT NAME	Everolimus EP Impurity C
PRODUCT NUMBER	1410153
CAS NUMBER	159351-69-64
MOLECULAR FORMULA	$C_{52}H_{81}NO_{14}$
MOLECULAR WEIGHT	944.21
STANDARD	Enterprise Standard



TEST ITEMS	SPECIFICATIONS
APPEARANCE	White Solid
MS	Conform to structure
NMR	Conform to structure
PURITY	≥95%
STORAGE	Store at 2~8 °C for long time, sealed and away from light.

ANALYZER		**SUPERVISOR**	



BRUKER

Acquisition Time (sec)	3.9977
Date	20:00:10
Frequency (MHz)	400.2100
GB	0
INSTRUM	<Avance>
LB	0.3
NS	8
Nucleus	1H
Number of Transients	8
PROBHD	<Z116098_0873 (PABBO 400S1 BBF-H-D-05 Z SP)>
PULPROG	<zg30>
Pulse Sequence	zg30
Receiver Gain	101.00
SFO1	400.2124708
SI	65536
SSB	0
SW(cyclical) (Hz)	8196.72
SWH	8196.72131147541
Solvent	DMSO-d6
Spectrum Offset (Hz)	2467.3203
Sweep Width (Hz)	8196.60
TD	65536
TD0	1
TE	298.0354
Temperature (degree C)	25.035
UNC1	<1H>

MS Report

```
File ..\YY\LCMSA 049.D                              Tgt Mass (EZX):
Injection Date    :          6:27 pm +0800          Seq. Line  : 0
Sample Name       : 1398115                        Location   : P2-F-01
Acq. Operator     : YY                                 Inj    : 1
Spec. Reported    : MS Integration                 Inj Volume : 2 ul
Acq. Method       : C:\Chem32\1\METHODS\MONITOR 3MIN-B-P.M
Analysis Method   : C:\Chem32\1\METHODS\MONITOR 3MIN-B-P.M
Sample Info : Easy-Access Method: 'MONITOR 3MIN-B-P.M HC'
Method Info : Column: Waters XBridge C18: 4.6 mm*50 mm*3.5 um
              Mobile Phase: A: Water (0.01mol/L NH4HCO3) B: ACN ;
              Gradient: B From 5% to 95% for 1.6 min and hold 95% for 1.4 min;
              Flow: 2.0 mL/min;
              Column Temperature: 40 ℃
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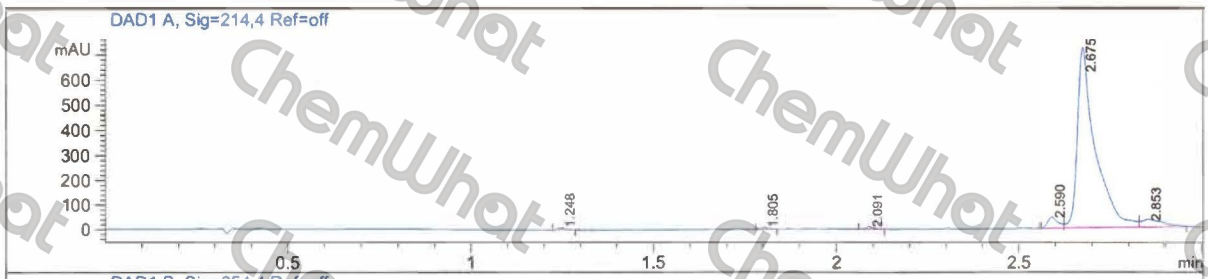
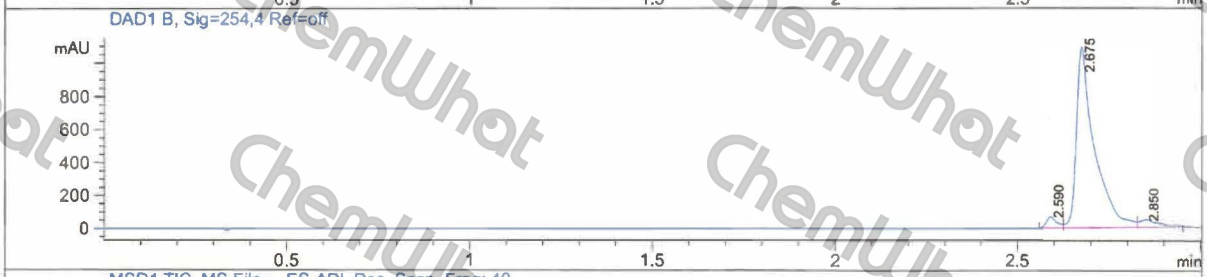
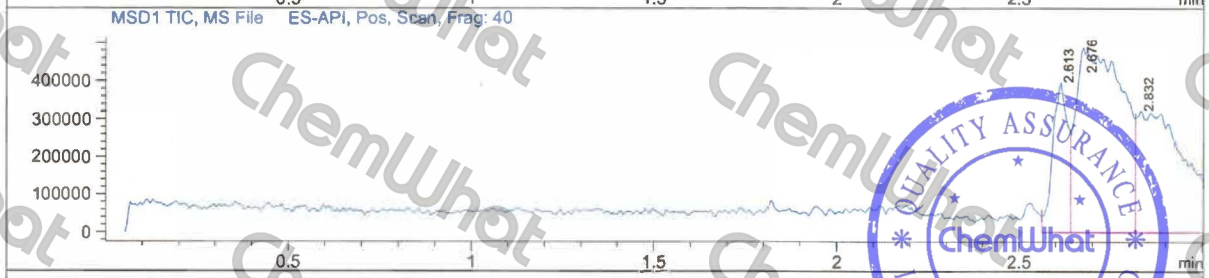






Integration Results for DAD1 A, Sig=214,4 Ref=off

RetTim	Width	Area	Height	Area%
1.25	0.02	10.89	8.48	0.40
1.80	0.02	8.48	6.89	0.31
2.09	0.03	16.20	9.94	0.59
2.59	0.03	90.07	45.17	3.30
2.67	0.05	2464.29	718.15	90.24
2.85	0.06	140.78	32.72	5.16

Integration Results for DAD1 B, Sig=254,4 Ref=off

RetTim	Width	Area	Height	Area%
2.59	0.03	133.96	66.73	3.32
2.67	0.05	3728.05	1082.57	92.30
2.85	0.05	177.09	45.63	4.38

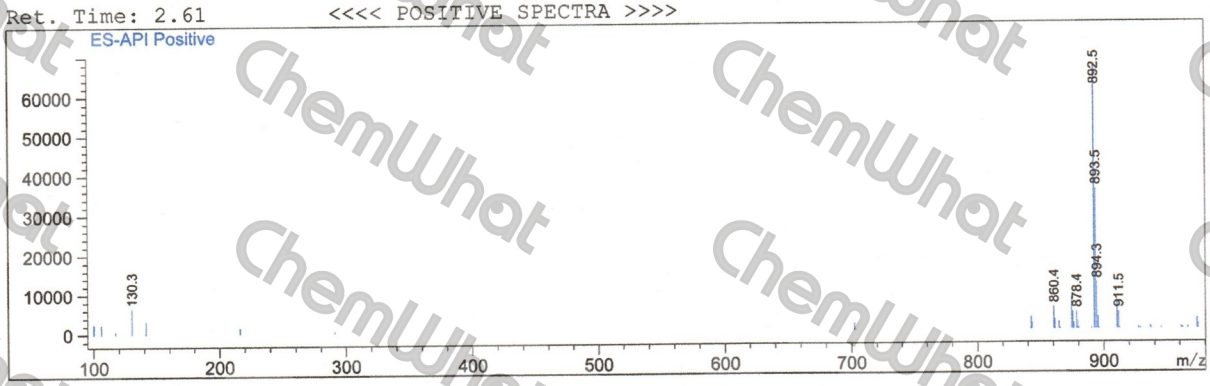
Integration Results for DAD1 TIC, MS File

RetTim	Width	Area	Height	Area%

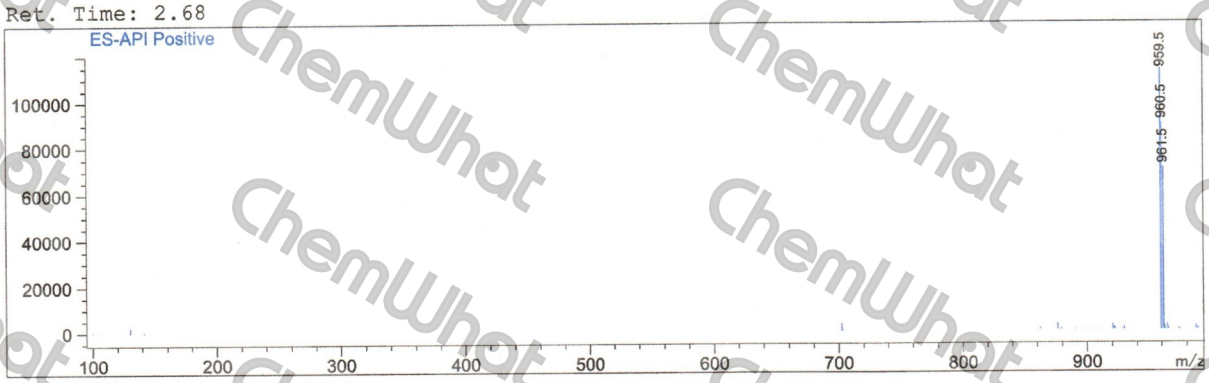
2.61	0.04	1137629.38	396765.56	13.76
2.68	0.11	4327034.00	488967.91	53.33
2.83	0.03	2804318.28	1116015.35	32.91

MS Report

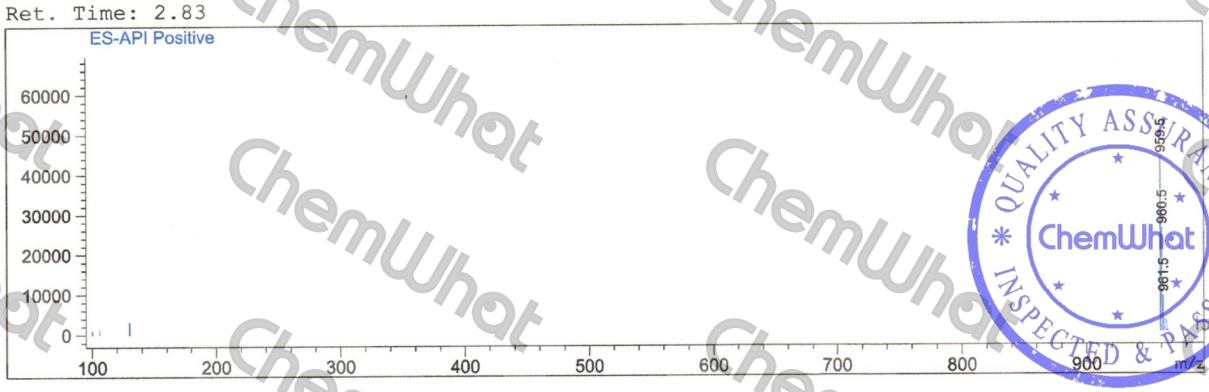
Ret. Time: 2.61 <<<< POSITIVE SPECTRA >>>>



Ret. Time: 2.68



Ret. Time: 2.83

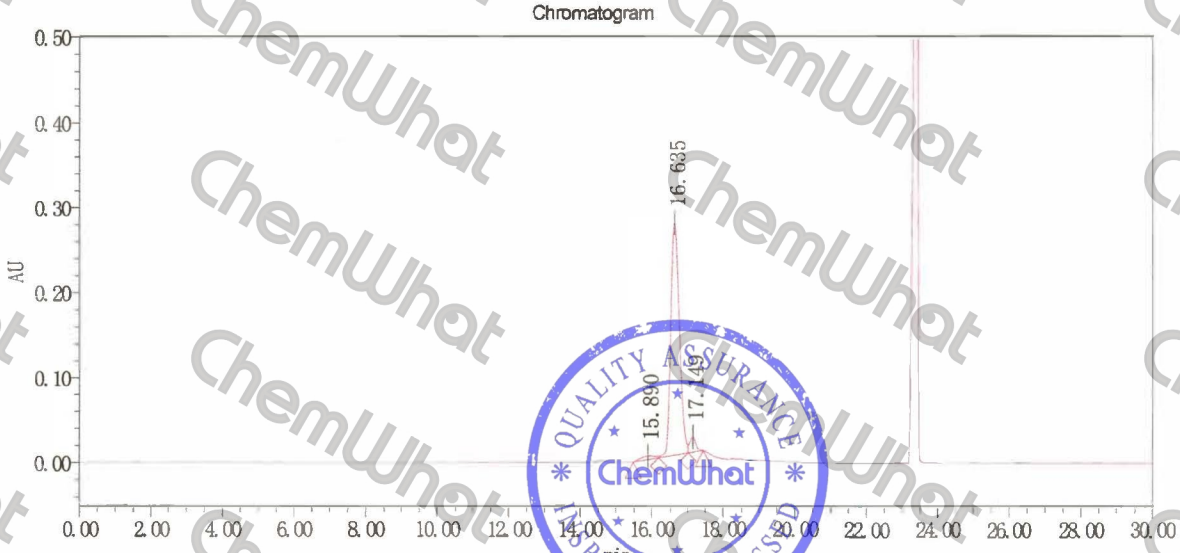


Empower 3 SOFTWARE

Sample Information

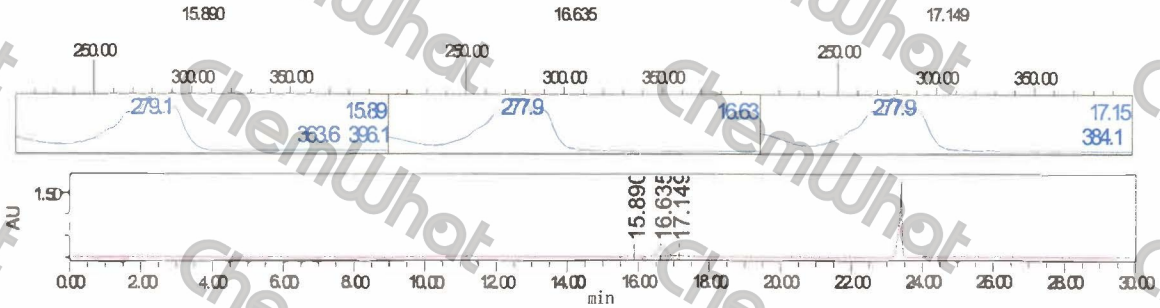
Sample ID	1398115	Acquired by	FX
Sample Type		Sample Group Name	
Sample Rack	1:B, 1	Acquired Method Group	
Injection Time	1	Processing Method	E-1021_277nm_20211220
Injection Volume	10.00 ul	Dispose Name	277.0
Run Time	30.0 Minutes	Processing Note	PDA 277.0
Date Acquired			
Date Processed			

Chromatogram



Peak Table

	Name	Ret.Time	Area	Height	Area%	Resolution	Plate/M	Trail	
1		15.890	120177	4345	2.43				
2		16.635	4604940	273178	93.17		22143	1.34	
3		17.149	217566	18131	4.40		32891		



Module: TG/DTA
Data Name: 1398115
Measurement Date:
Sample Name: 1398115
Sample Weight: 3.138 mg
Reference Name: None
Reference Weight: 0.000 mg

Temperature Program:

	Cel	Cel	Cel/min	min		s
1*	25	300	10	0	0.	5

Comment:
Operator: Administrator
Gas1: Nitrogen 100mL/min
Gas2: Air 100mL/min
Pan: Al203
Sample Measure