

11.445

10.372

7.853
7.832
7.736
7.714
7.503
7.483
7.239
7.234
6.995
6.990
6.973
6.968

4.709

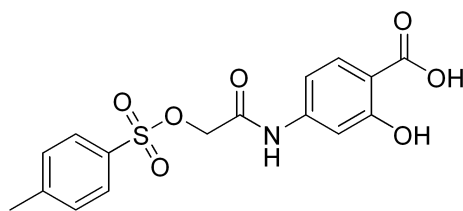
3.380

2.513
2.508
2.405

10000

S31-201 HNMR analysis, Solvent=DMSO-d6

www.medkoo.com sales@medkoo.com



MedKoo Cat#: 202541

Name: S31-201

CAS#: 501919-59-1

Lot#: A8T02K23

Chemical Formula: C₁₆H₁₅NO₇S

Exact Mass: 365.05692

Molecular Weight: 365.36

MedKoo Biosciences
Product Quality Control Data

www.medkoo.com sales@medkoo.com

50000

0

0.79

0.98

2.02

2.08

1.01

1.00

2.06

3.05

MedKoo Biosciences

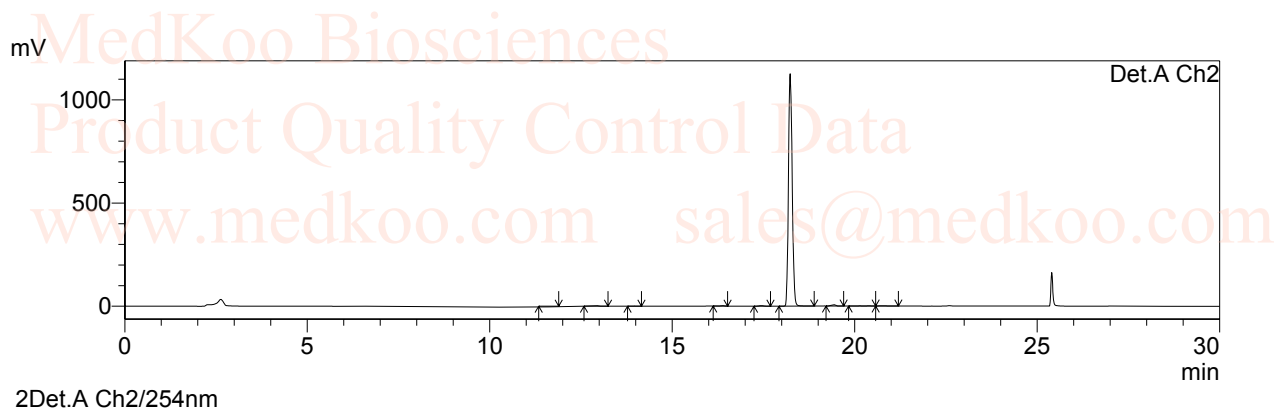
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ppm (t1)

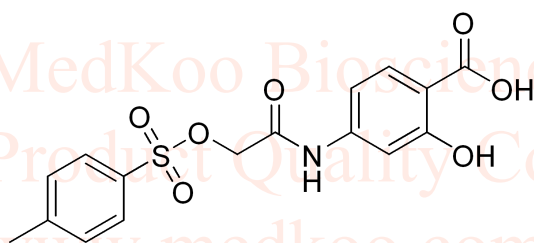
S31-201 HPLC Analysis

Column : Diamonsil C18(2), 5um 4.6*250mm
Mobile phase : Solvent A: H2O(0.05%H3PO4) Solvent B:ACN(0.05%H3PO4)
Temperature : 35 °C
Flow rate : 0.8mL/min
Run time : 6min gradient(5%B), 9min gradient (5%-95%B), 5min gradient (95%B),then 5min @(5%B)
Detector : UV
Wavelength : 220/280 nm
User name : 501919-59-1(1) Data File Name :501919-59-1(1).lcd
Sample name :501919-59-1(1) Method File Name : 501919-59-1(1).lcm



PeakTable

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	11.557	2387	0.029	27303.576
2	12.886	32711	0.400	39138.669
3	13.959	2859	0.035	72936.832
4	16.384	13116	0.160	95530.847
5	17.434	20692	0.253	96649.058
6	18.229	8020165	98.100	133121.830
7	19.434	49193	0.602	84157.440
8	20.379	15098	0.185	222545.150
9	20.807	19285	0.236	57390.644
Total		8175504	100.000	

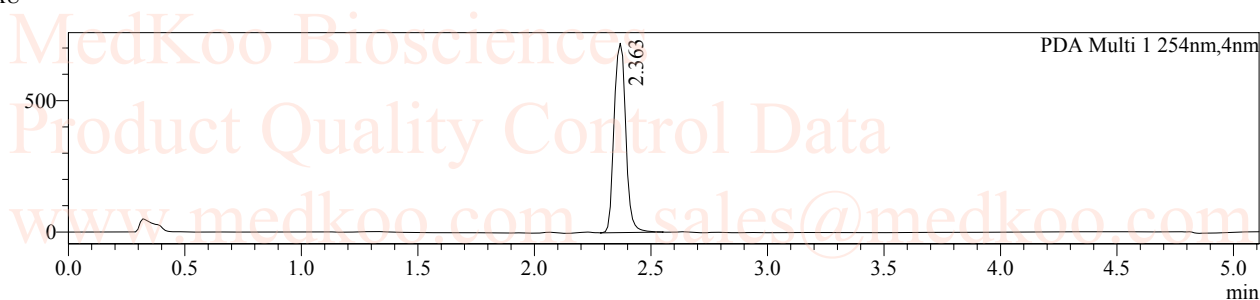


MedKoo Cat#: 202541
Name: S31-201
CAS#: 501919-59-1
Lot#: A8T02K23
Chemical Formula: C16H15NO7S
Exact Mass: 365.05692
Molecular Weight: 365.36

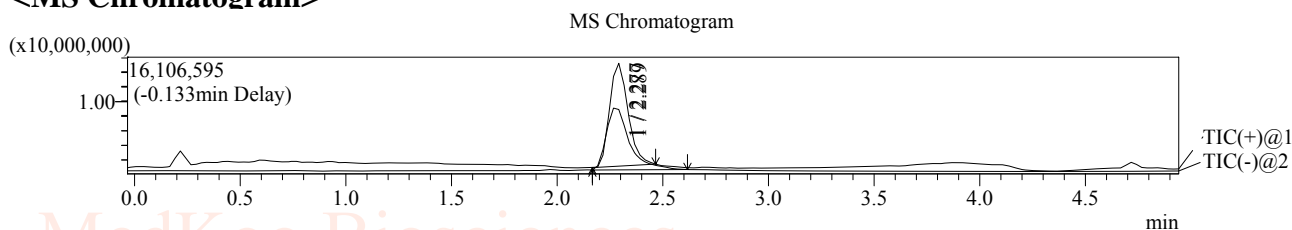
S31-201 LC/MS Analysis

LC-MS condition
Column : Chromolith SpeedROD ,RP-18e,50*4.6mm LCMS-002
Mobile Phase : A: H2O(0.05%FA)
 B: CH3CN
Temperature : 35°C
Flow rate : 2.5mL/min
Run time : 0.6min@15%B,3.2min gradient(15-95% B), then0.5min@95% B,then0.7min@15% B
Injection volume : 5 uL
Detector : UV 220/254nm
Mass range : 100-1000
Scan : Postive/Negative
User Name : MAB
Data Filename : 501919-59-1.lcd

mAU

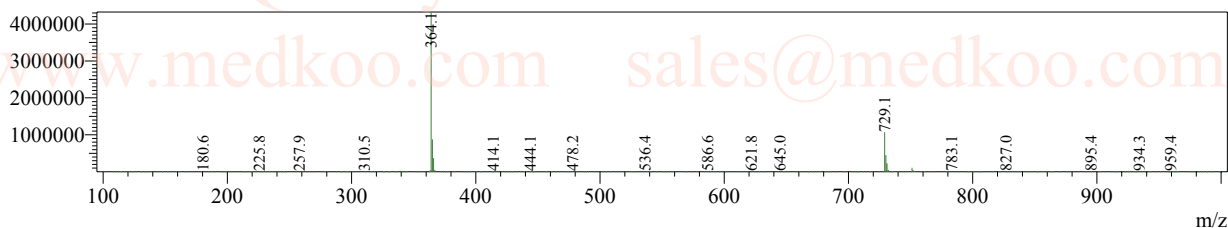


<MS Chromatogram>

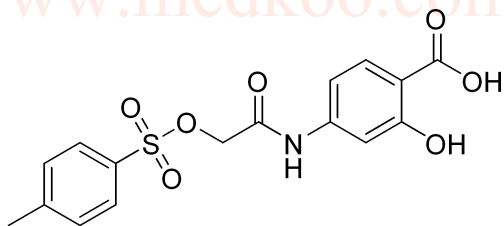
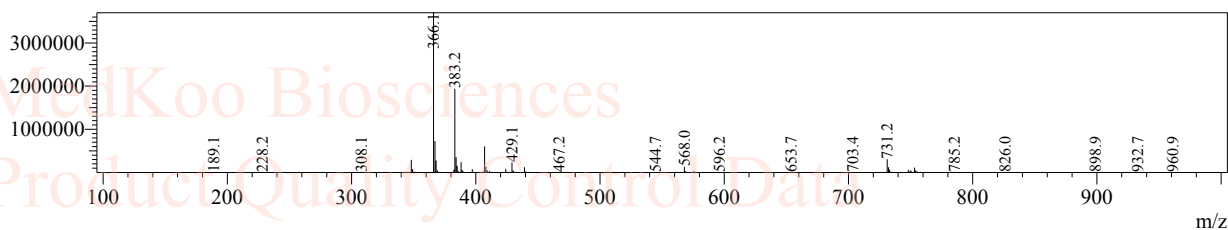


Peak#:1 R.Time:2.277(Scan#:186)
MassPeaks:475
Spectrum Mode:Averaged 2.250-2.300(184-188)
BG Mode:Calc Segment 1 - Event 2

MS Spectrum



Peak#:1 R.Time:2.289(Scan#:185)
MassPeaks:566
Spectrum Mode:Averaged 2.242-2.292(183-187)
BG Mode:Calc Segment 1 - Event 1



MedKoo Cat#: 202541

Name: S31-201

CAS#: 501919-59-1

Lot#: A8T02K23

Chemical Formula: C16H15NO7S

Exact Mass: 365.05692

Molecular Weight: 365.36