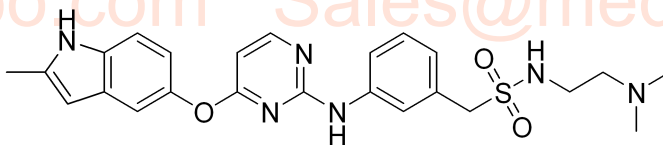


# Sulfatinib HNMR Analysis, solvent: DMSO



MedKoo Cat#: 206205

Name: Sulfatinib

CAS#: 1308672-74-3

Lot#: A8T01K19

Chemical Formula: C<sub>24</sub>H<sub>28</sub>N<sub>6</sub>O<sub>3</sub>S

Exact Mass: 480.1944

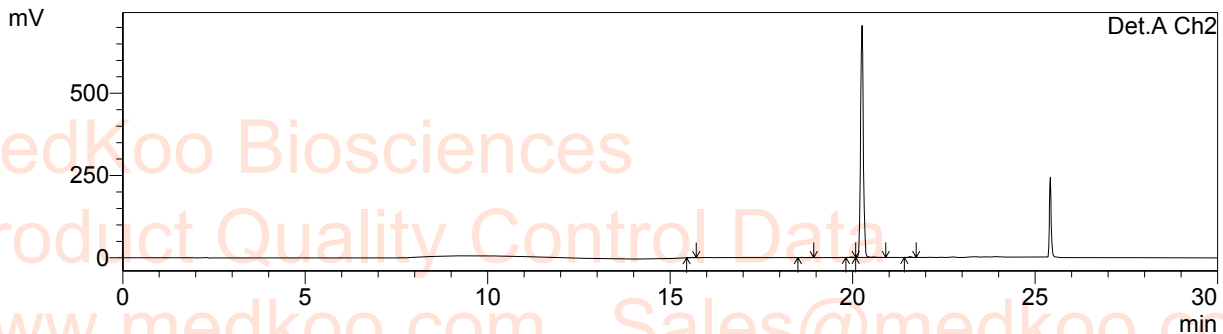
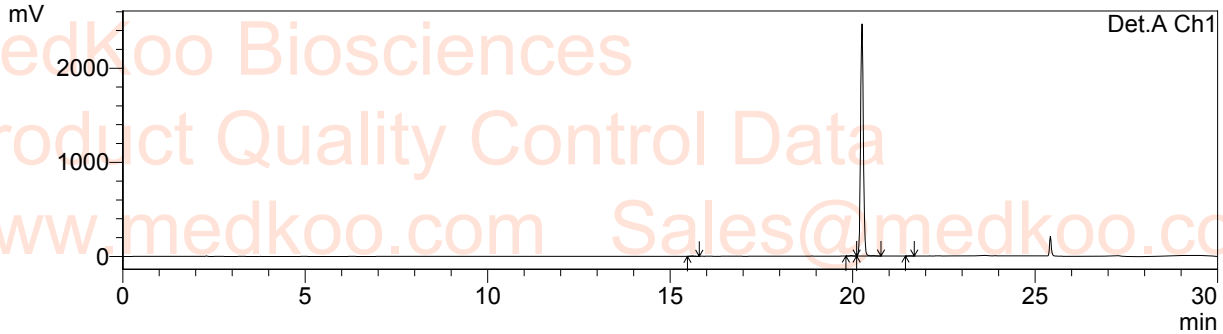
Molecular Weight: 480.59

11.097  
9.624  
8.361  
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7.064  
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6.915  
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6.871  
6.866  
6.358  
6.344  
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2.561  
2.557  
2.462  
2.314  
2.161

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0.99  
1.96  
1.99  
1.00  
3.00  
0.99  
0.99  
1.95  
2.01  
1.96  
1.99

# Sulfatinib 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 : 1308672-74-3  
 Sample name :  
 Data File Name : 1308672-74-3.lcd  
 Method File Name : 1308672-74-3.lcm



1Det.A Ch1/220nm  
 2Det.A Ch2/254nm

PeakTable

Detector A Ch1 220nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	15.598	24036	0.181	124697.124
2	19.958	26360	0.199	291168.500
3	20.251	13182841	99.544	276439.794
4	21.576	10055	0.076	308906.887
Total		13243292	100.000	

Detector A Ch2 254nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	15.598	5245	0.141	127523.183
2	18.609	4098	0.110	193651.335
3	19.958	7809	0.210	258672.794
4	20.251	3696883	99.213	285883.502
5	21.575	12182	0.327	320090.866
Total		3726217	100.000	

MedKoo Cat#: 206205

Name: Sulfatinib

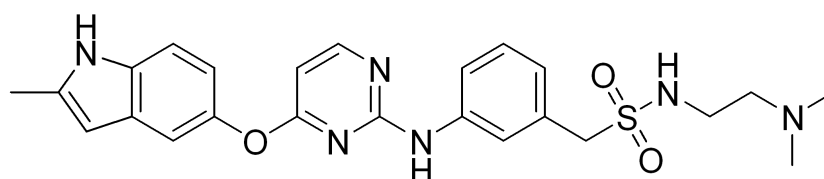
CAS#: 1308672-74-3

Lot#: A8T01K19

Chemical Formula: C<sub>24</sub>H<sub>28</sub>N<sub>6</sub>O<sub>3</sub>S

Exact Mass: 480.1944

Molecular Weight: 480.59



# Sulfatinib 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 : 1308672-74-3.lcd

MedKoo Cat#: 206205

Name: Sulfatinib

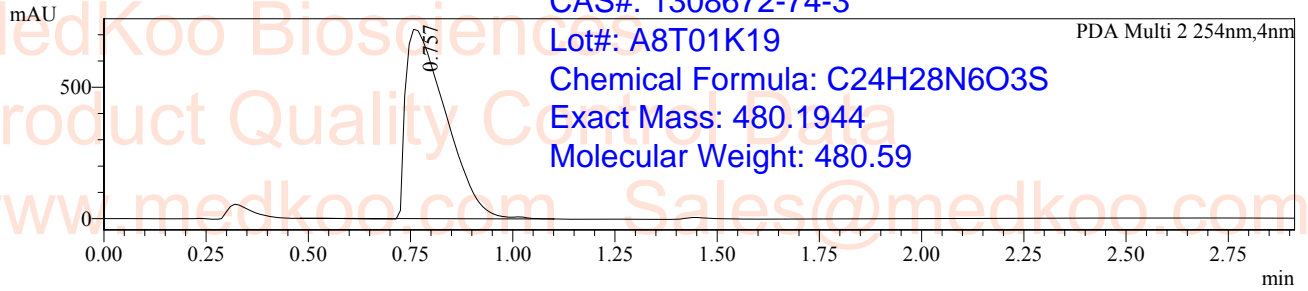
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Lot#: A8T01K19

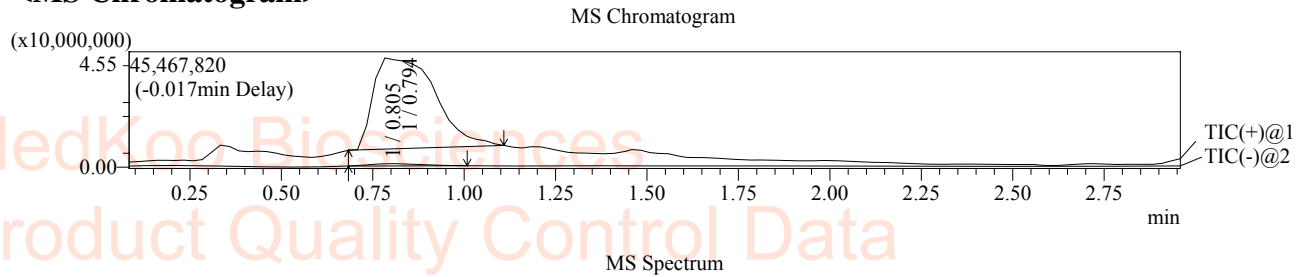
Chemical Formula: C<sub>24</sub>H<sub>28</sub>N<sub>6</sub>O<sub>3</sub>S

Exact Mass: 480.1944

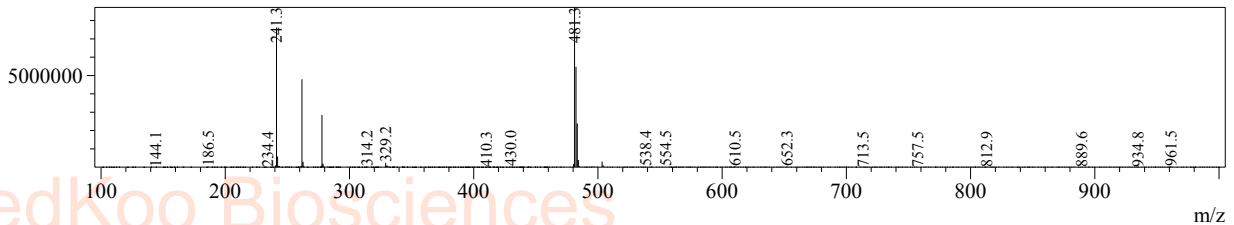
Molecular Weight: 480.59



## <MS Chromatogram>



Peak#:1 R.Time:0.794(Scan#:57)  
MassPeaks:536  
Spectrum Mode:Averaged 0.758-0.808(55-59)  
BG Mode:Calc Segment 1 - Event 1



Peak#:1 R.Time:0.805(Scan#:58)  
MassPeaks:569  
Spectrum Mode:Averaged 0.767-0.817(56-60)  
BG Mode:Calc Segment 1 - Event 2

