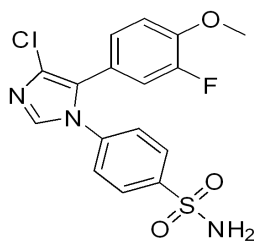
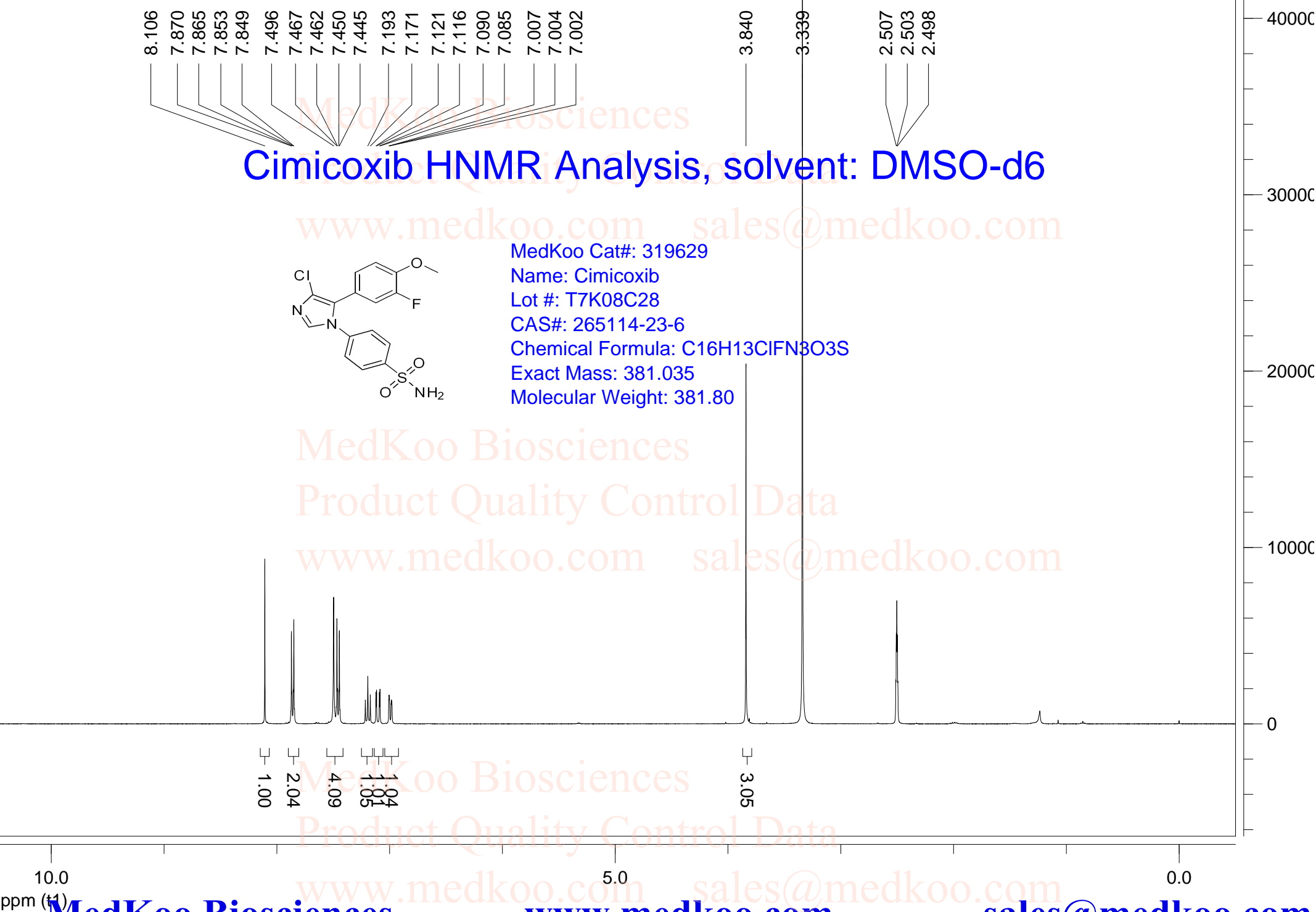


Cimicoxib HNMR Analysis, solvent: DMSO-d6



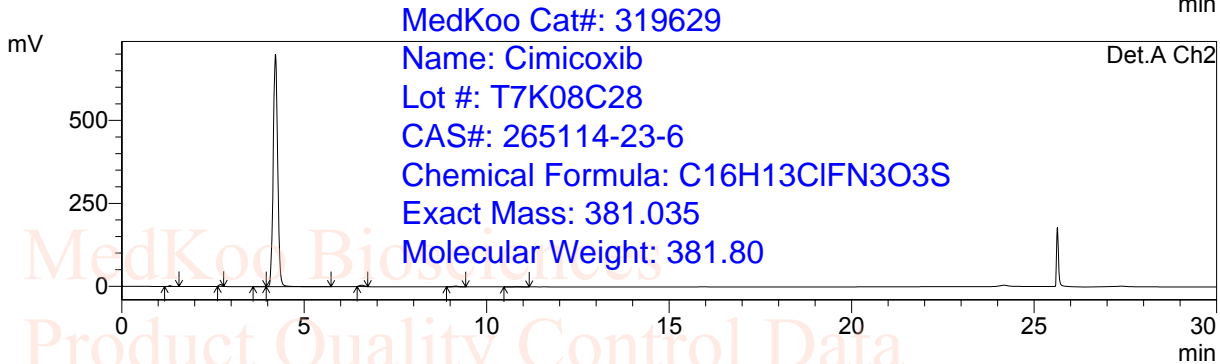
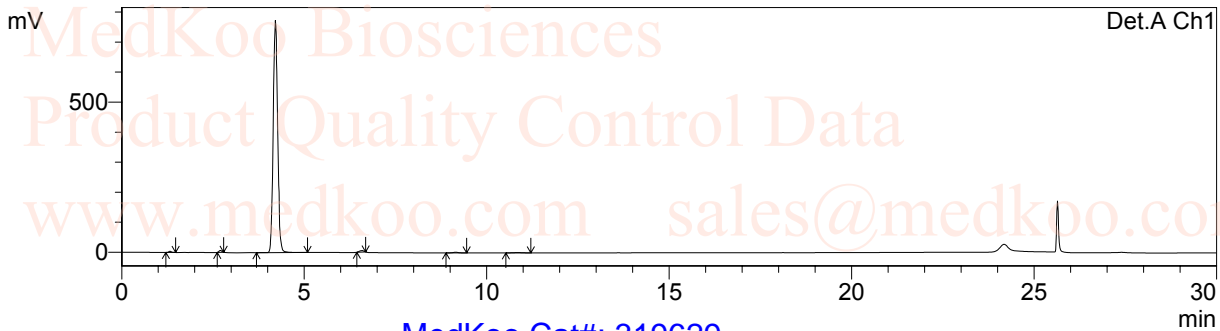
MedKoo Cat#: 319629
Name: Cimicoxib
Lot #: T7K08C28
CAS#: 265114-23-6
Chemical Formula: C₁₆H₁₃ClFN₃O₃S
Exact Mass: 381.035
Molecular Weight: 381.80



Cimicoxib HPLC Analysis

Column : Inertil ODS-3, 5um 4.6*150mm
 Mobile phase : Solvent A: H2O(0.05%H2O) Solvent B:ACN (0.05%H3PO4)
 Temperature : 40°C
 Flow rate : 0.8mL/min
 Run time : 3min gradient(5%B), 15min gradient (5%-30%B),5 min(30%B),then 7min @5%B
 Detector : UV
 Wavelength : 210/220 nm
 User name : 265114-23-6
 Notebook page :
 Sample description : 1.0mg/mL in MECN
 Injection Volume : 2 uL

Data File Name : 265114-23-6.lcd
 Method File Name : 265114-23-6.lcm
 Batch File Name : V9M2: E4:



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

PeakTable

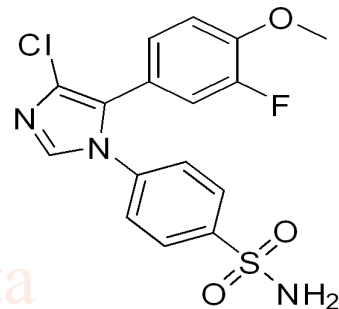
Detector A Ch1 220nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	1.316	20463	0.305	1281.744
2	2.700	33661	0.502	4552.512
3	4.206	6578749	98.068	5209.731
4	6.574	41950	0.625	13036.057
5	9.145	18870	0.281	21933.890
6	10.843	14670	0.219	9900.048
Total		6708363	100.000	

PeakTable

Detector A Ch2 254nm

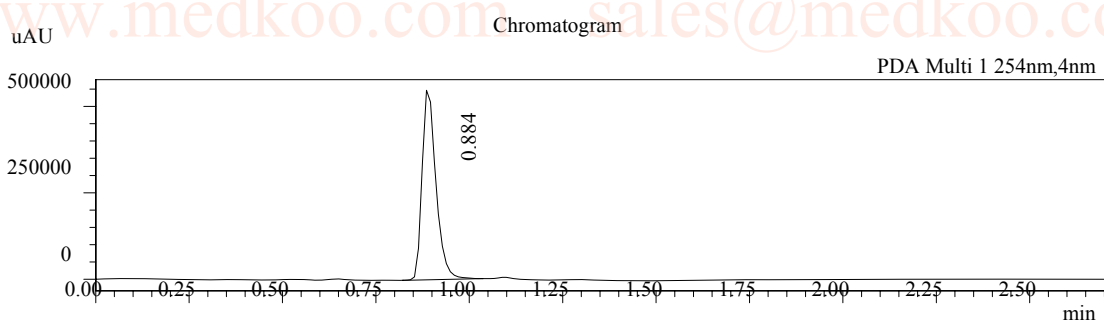
Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	1.316	13757	0.226	1174.503
2	2.700	28011	0.460	4784.852
3	3.880	1975	0.032	1349.175
4	4.206	5976341	98.127	5202.907
5	6.574	36384	0.597	10614.744
6	9.146	21916	0.360	21834.872
7	10.833	12045	0.198	9562.583
Total		6090428	100.000	



Cimicoxib LC/MS Analysis

<Sample Information>

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 : 0.1min@20%B,1.7min gradient(20-95% B), then0.7min@95% B,then0.4min@20% B
Injection volume : 5 uL
Detector : UV 220/254nm
Mass range : 100-1000
Scan : Positive/Negative
User name : SZJ
Notebook page : ---
Sample description : 1 mg/ml in MeCN
Data Filename : 265114-23-6.lcd
Batch Filename : 265114-23-6.lcb
Method Filename : positive-negative 3min-2.lcm
Vial # : 1-87
Injection Volume : 3 uL

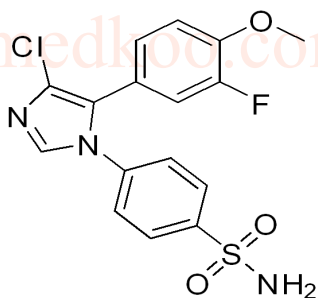
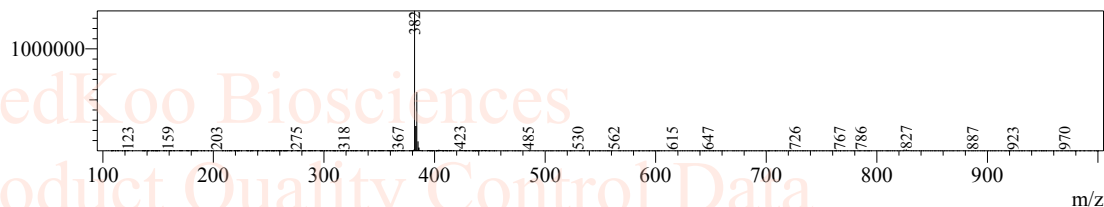


MS Spectrum

Peak#:1 R.Time:0.835(Scan#:70)
MassPeaks:474
Spectrum Mode:Averaged 0.800-0.850(68-72)
BG Mode:Calc Segment 1 - Event 2



Peak#:1 R.Time:0.860(Scan#:71)
MassPeaks:485
Spectrum Mode:Averaged 0.817-0.867(69-73)
BG Mode:Calc Segment 1 - Event 1



MedKoo Cat#: 319629

Name: Cimicoxib

Lot #: T7K08C28

CAS#: 265114-23-6

Chemical Formula: C₁₆H₁₃ClFN₃O₃S

Exact Mass: 381.035

Molecular Weight: 381.80