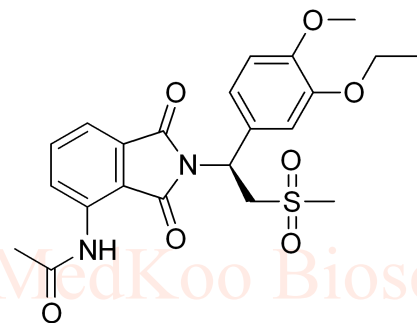


PROTON DMSO D:\ nmr1 25



9.704  
8.460  
8.439  
7.804  
7.785  
7.765  
7.576  
7.558  
7.088  
7.083  
7.007  
7.002  
6.986  
6.981  
6.953  
6.932  
5.813  
5.802  
5.787  
5.776  
4.395  
4.369  
4.359  
4.333  
4.173  
4.162  
4.137  
4.127  
4.056  
4.038  
4.021  
4.003  
3.743  
3.344  
3.029  
2.511  
2.507  
2.503  
2.200  
2.089

## Apremilast NMR Analysis, Solvent= DMSO



MedKoo Cat#: 205894  
Name: Apremilast  
CAS#: 608141-41-9  
Lot# BBC60818  
Chemical Formula: C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>7</sub>S  
Exact Mass: 460.13042  
Molecular Weight: 460.50

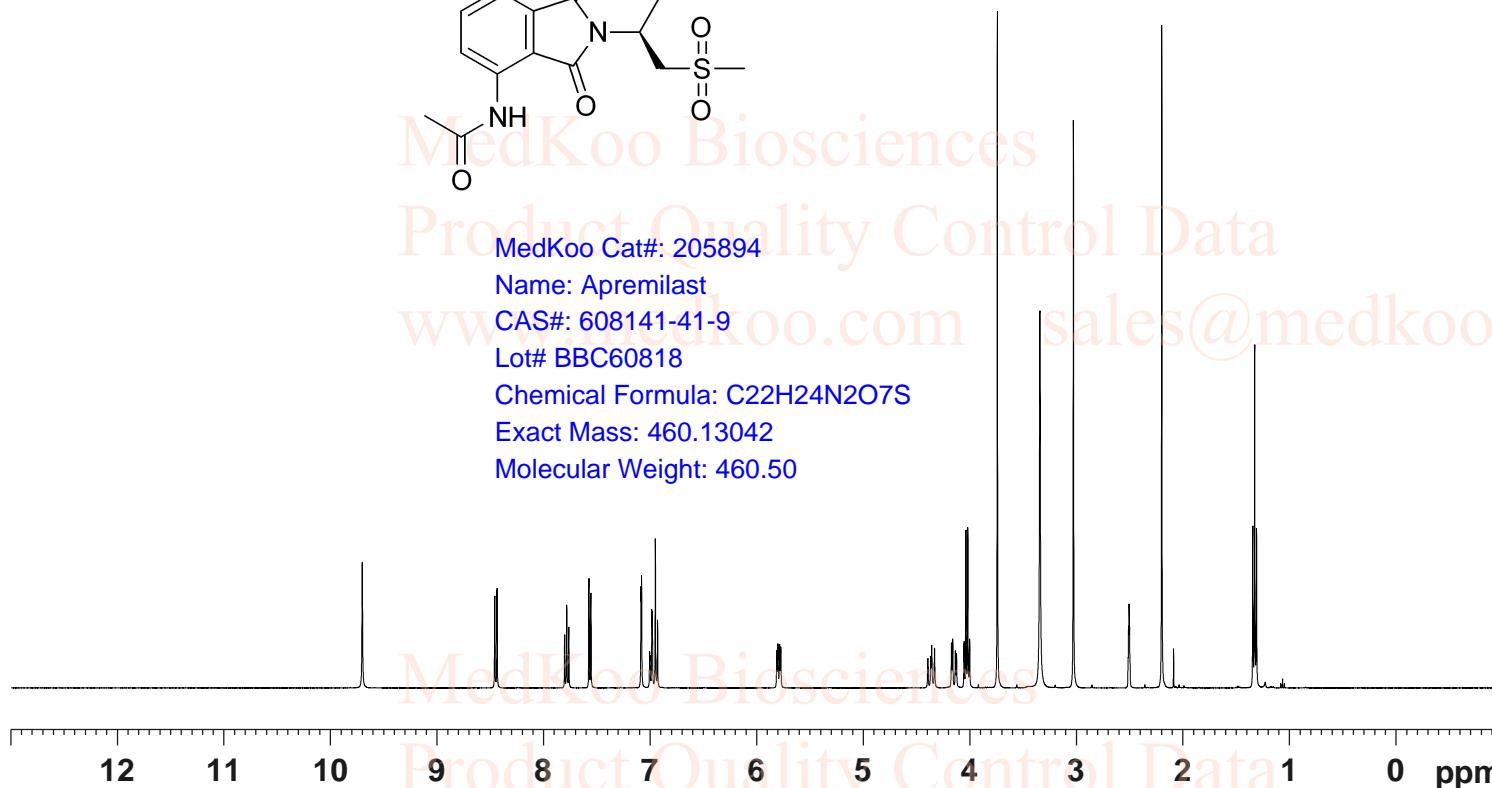
Current Data Parameters  
NAME 608141-41-9  
EXPNO 10  
PROCNO 1

F2 - Acquisition Parameters

INSTRUM spect  
PROBHD 5 mm PABBO BB-  
PULPROG zg30  
TD 65536  
SOLVENT DMSO  
NS 16  
DS 2  
SWH 8012.820 Hz  
FIDRES 0.122266 Hz  
AQ 4.0894465 sec  
RG 80.6  
DW 62.400 usec  
DE 6.50 usec  
TE 301.2 K  
D1 1.00000000 sec  
TD0 1

==== CHANNEL f1 =====  
SFO1 400.1324710 MHz  
NUC1 1H  
P1 13.00 usec  
PLW1 19.00000000 W

F2 - Processing parameters  
SI 65536  
SF 400.1300000 MHz  
WDW no  
SSB 0  
LB 0 Hz  
GB 0  
PC 1.00

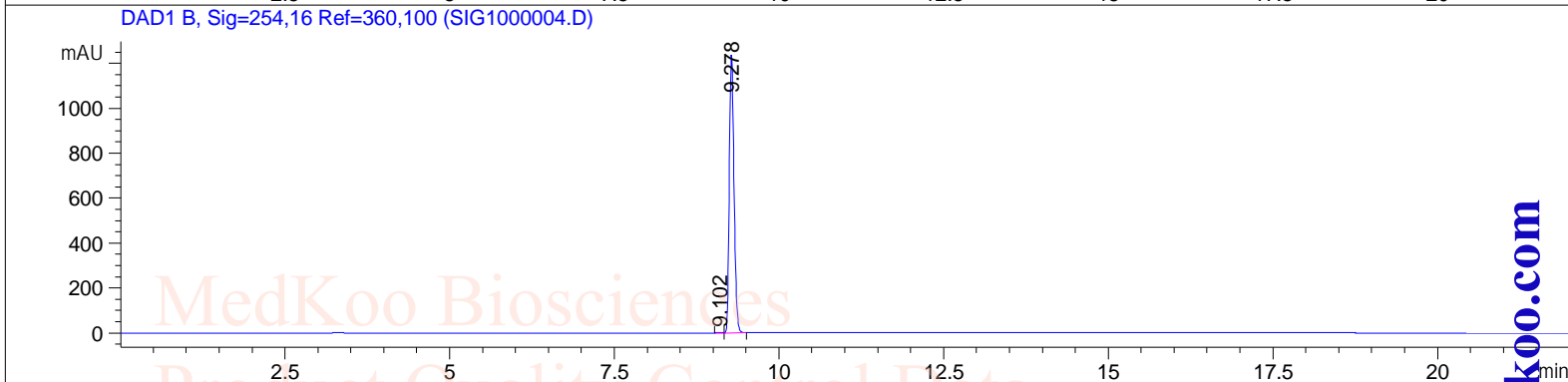
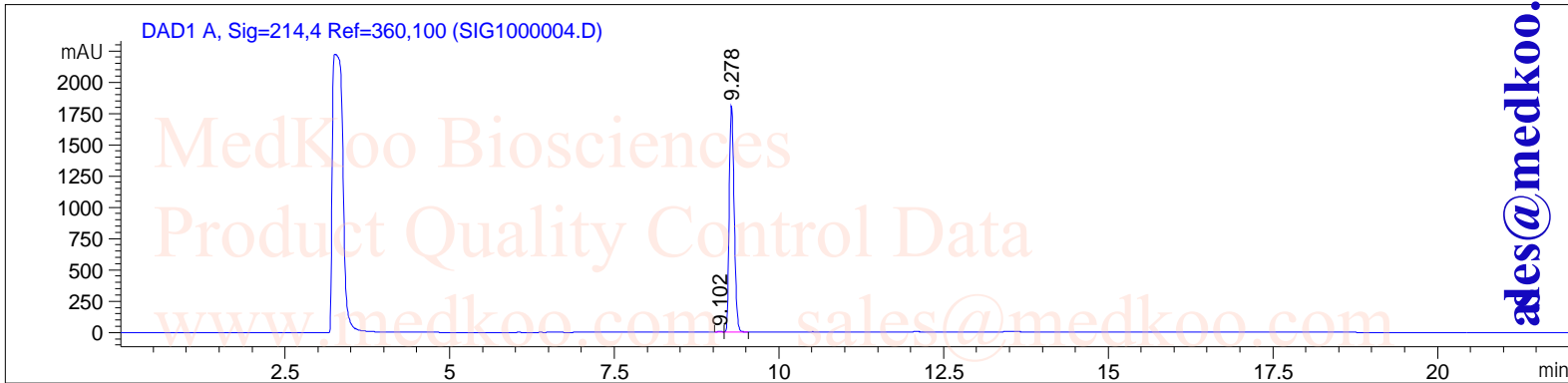


0.99  
0.99  
1.00  
1.00  
0.99  
2.04  
1.00  
1.01  
1.02  
2.03  
3.02  
3.00  
2.94  
3.00

# Apremilast HPLC Analysis

User : System  
 Instrument : instrument 1  
 Acq. Method : C:\CHEM32\1\DATA\14-15-54\TEST-KR.M  
 Analysis Method : C:\CHEM32\1\METHODS\TEST-KR.M

Sequence Line : 4  
 Local : Vial 45  
 Injection : 1  
 Inj. Volume : 0.5 µl



## Aear Percent Report

Sorted by : Signal  
 Multiplier : 1.0000  
 Dilution : 1.0000  
 Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=214,4 Ref=360,100

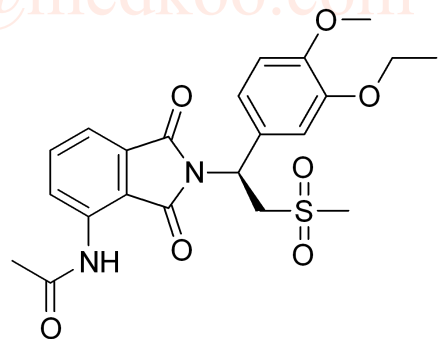
Peak #	Ret. Time [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	9.102	BV	0.0715	34.25098	7.46653	0.3645
2	9.278	VB	0.0804	9362.76660	1807.66357	99.6355

Total: 9397.01758 1815.13011

Signal 2: DAD1 B, Sig=254,16 Ref=360,100

Peak #	Ret. Time [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	9.102	BV	0.0705	8.90446	1.97798	0.1454
2	9.278	VB	0.0756	6114.46680	1238.47388	99.8546

Total: 6123.37126 1240.45186



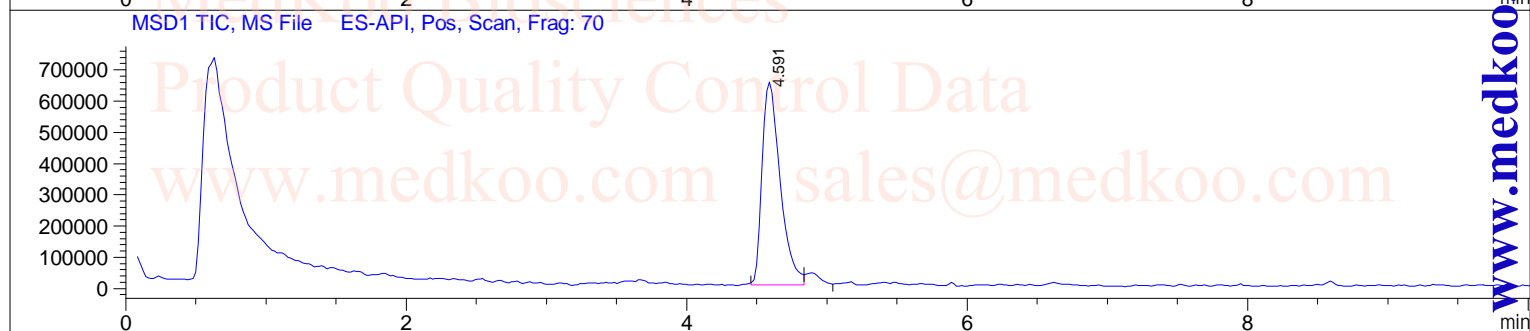
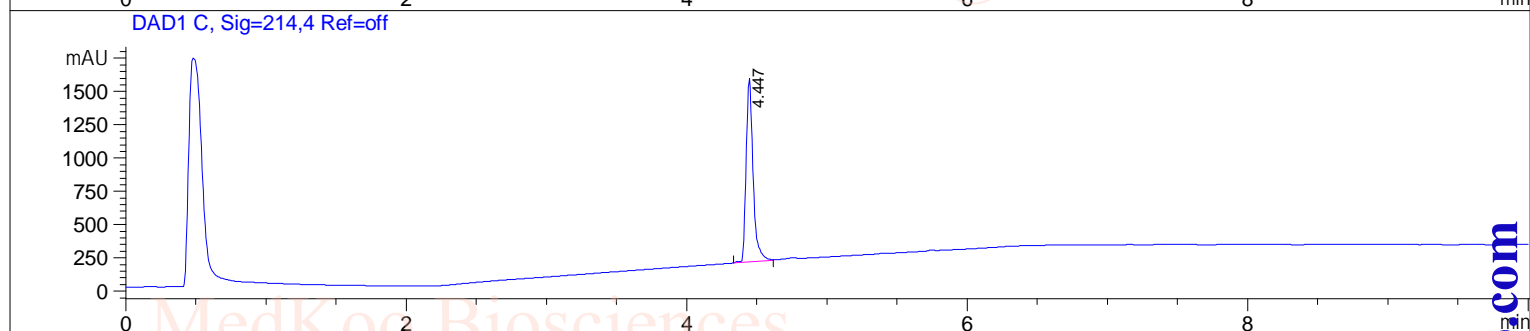
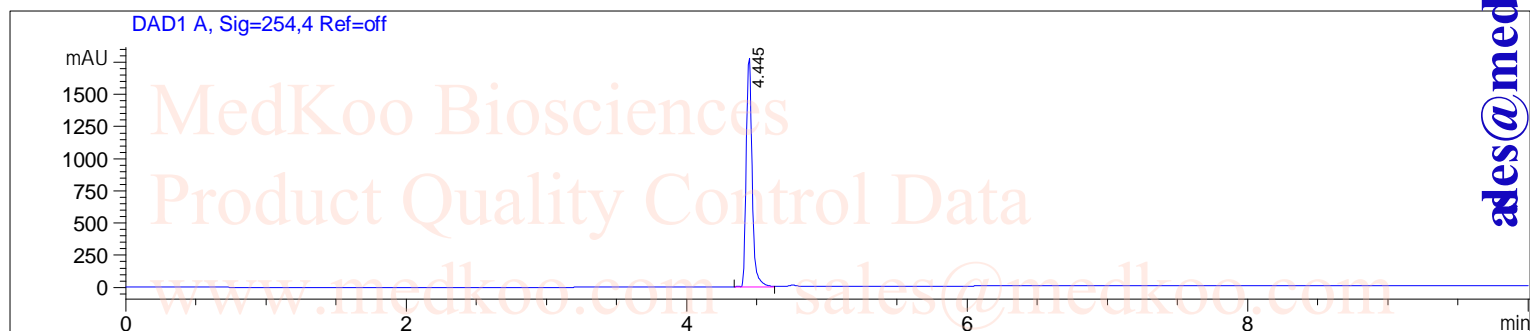
MedKoo Cat#: 205894  
 Name: Apremilast  
 CAS#: 608141-41-9  
 Lot# BBC60818  
 Chemical Formula: C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>7</sub>S  
 Exact Mass: 460.13042  
 Molecular Weight: 460.50

# Apremilast LC/MS Analysis Report

File C:\CHEM32\1\DATA13-51-53\SIG1000006.D

Sample Name :  
Acq. Operator :  
Spec. Reported : [BSB3]  
Acq. Method : C:\Chem32\1\DATA\13-51-53\TEST POS.M  
Analysis Method : C:\Chem32\1\METHODS\TEST POS.M

Tgt Mass(EZX) :  
Location : Vial 90  
Inj : 1  
Inj Volume : 1 ul



Ret. Time: 4.59 <<<< POSITIVE SPECTRA >>>>

