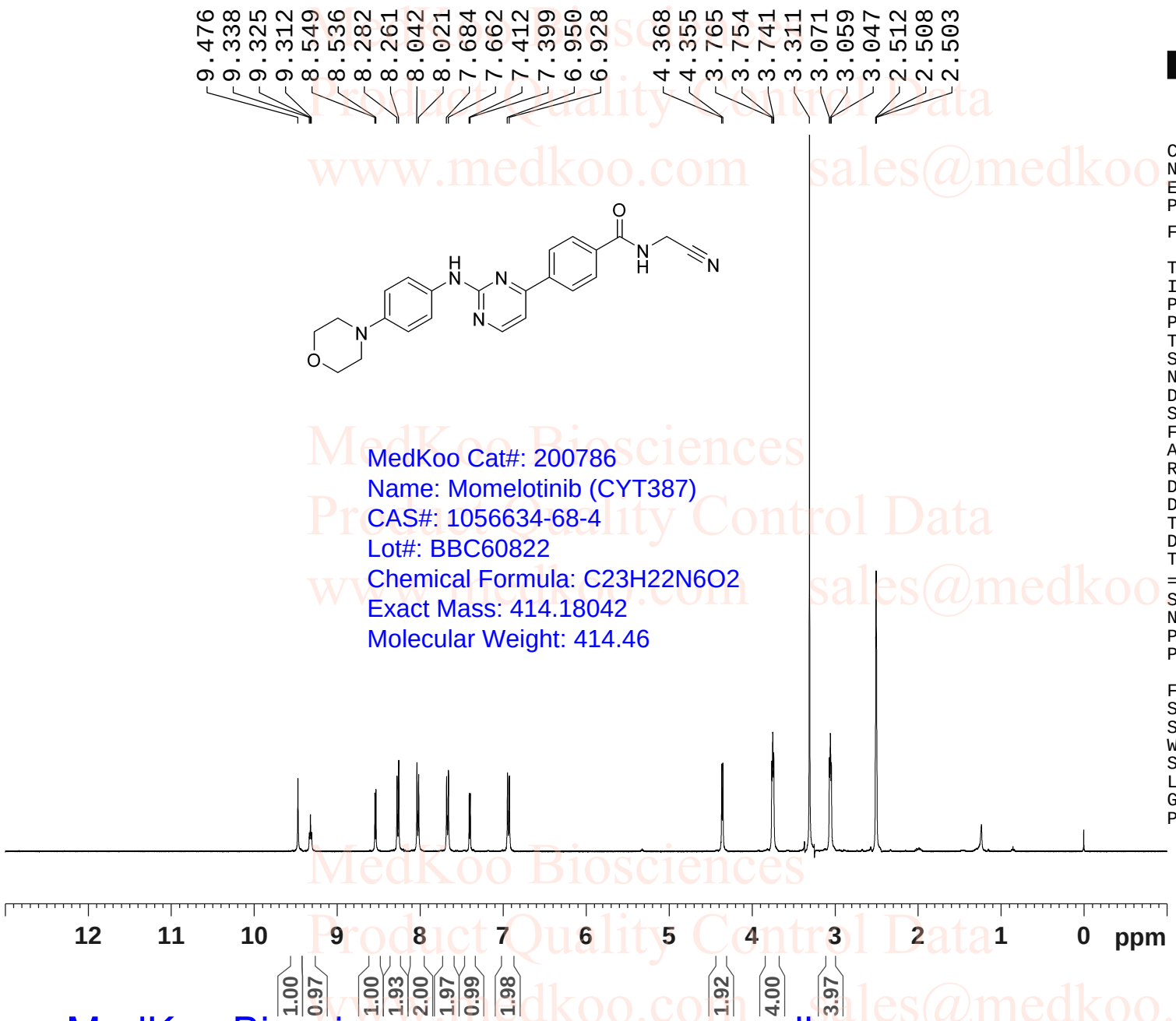
Momelotinib HNMR Analysis, Solvent: DMSO



MedKoo Cat#: 200786
Name: Momelotinib (CYT387)
CAS#: 1056634-68-4
Lot#: BBC60822
Chemical Formula: C23H22N6O2
Exact Mass: 414.18042
Molecular Weight: 414.46

```
Current Data Parameters
NAME                CYT-387
EXPNO                    10
PROCNO                    1

F2 - Acquisition Parameters

Time                   12.26
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                       181
DW                    62.400 usec
DE                     6.50 usec
TE                    302.5 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
```

MedKoo Biosciences Product Quality Control Data www.medkoo.com sales@medkoo.com

Momelotinib HPLC Analysis

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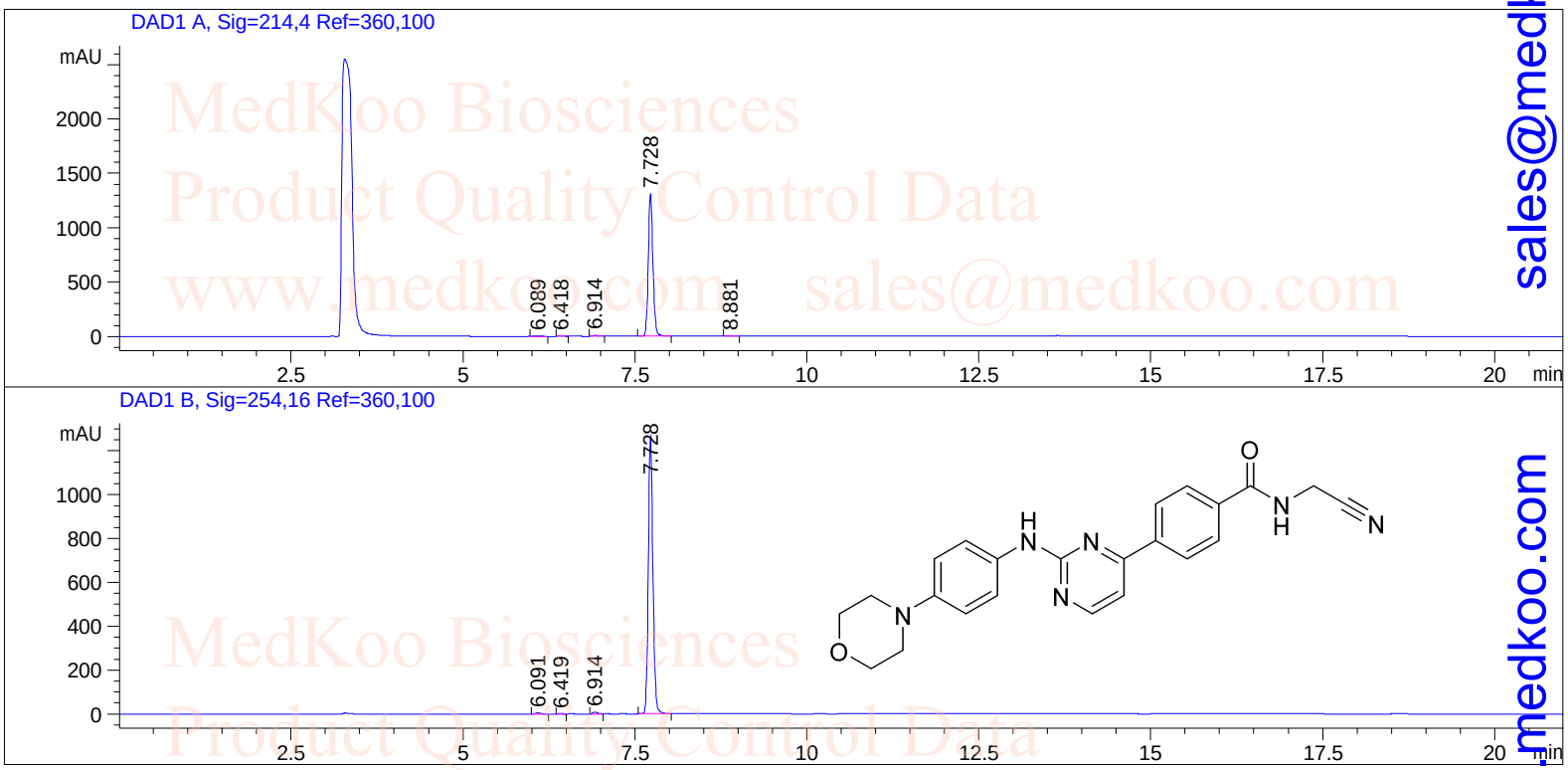
User : zj
Instrument : Instrument 1
Inj. Volume : 0.5 µl
Analysis Method : C:\CHEM32\1\METHODS\TEST-KR.M

Seq. Line : 3
Local : Vial 5
Injection : 1



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

Peak #	Ret.Time [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.089	BB	0.0827	21.13296	4.06372	0.3393
2	6.418	BB	0.0597	7.75649	2.06926	0.1245
3	6.914	BB	0.0727	40.20408	8.26655	0.6455
4	7.728	BB	0.0706	6149.20801	1314.00708	98.7324
5	8.881	BB	0.0805	9.85342	1.89990	0.1582
Total:				6228.15495	1330.30651	

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

Peak #	Ret.Time [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.091	BB	0.0840	21.40788	4.02619	0.3598
2	6.419	BV	0.0626	6.98991	1.74851	0.1175
3	6.914	BB	0.0720	36.37801	7.58250	0.6115
4	7.728	BB	0.0702	5884.42480	1267.48816	98.9112
Total:				5949.20060	1280.84536	

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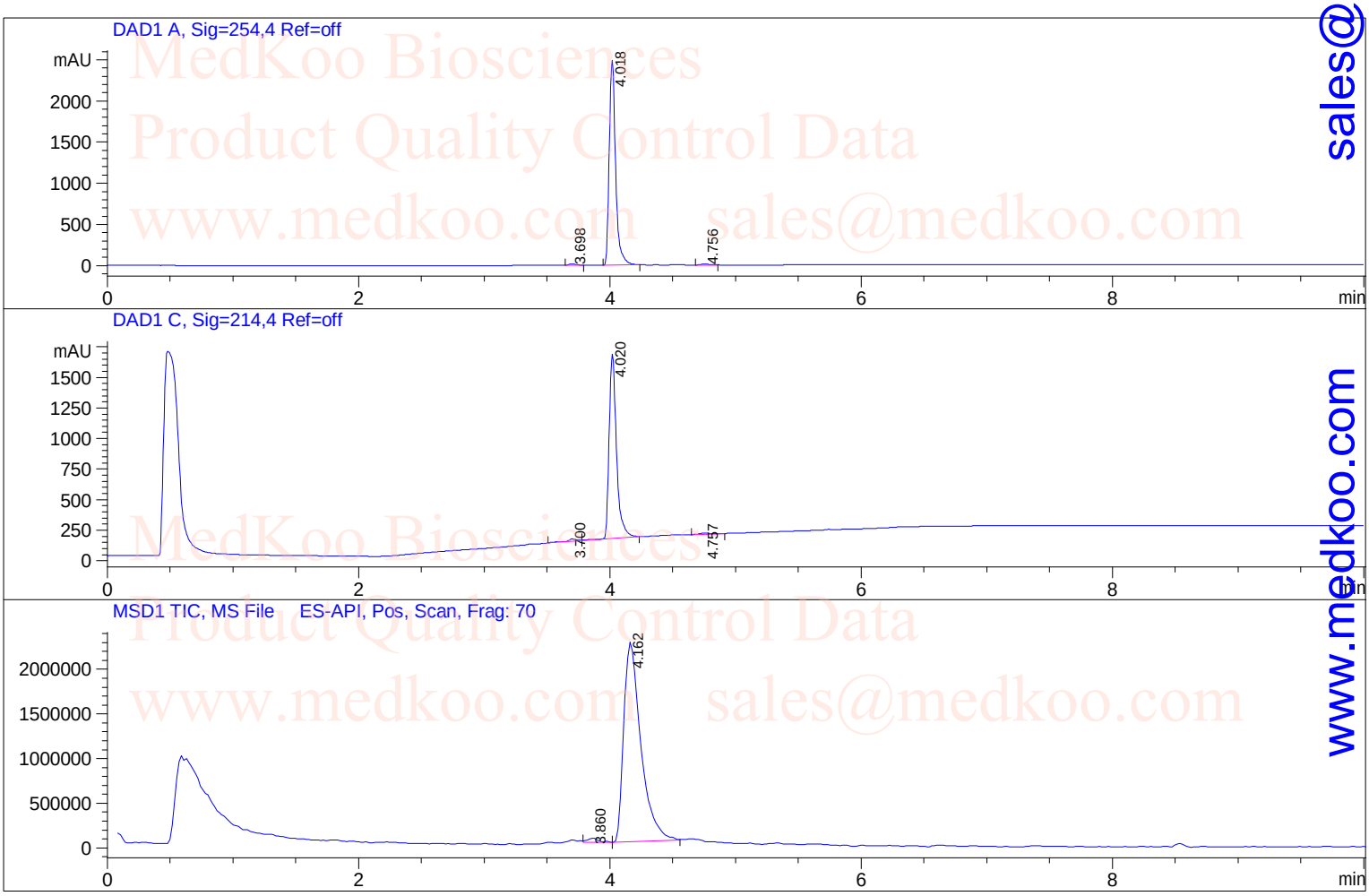
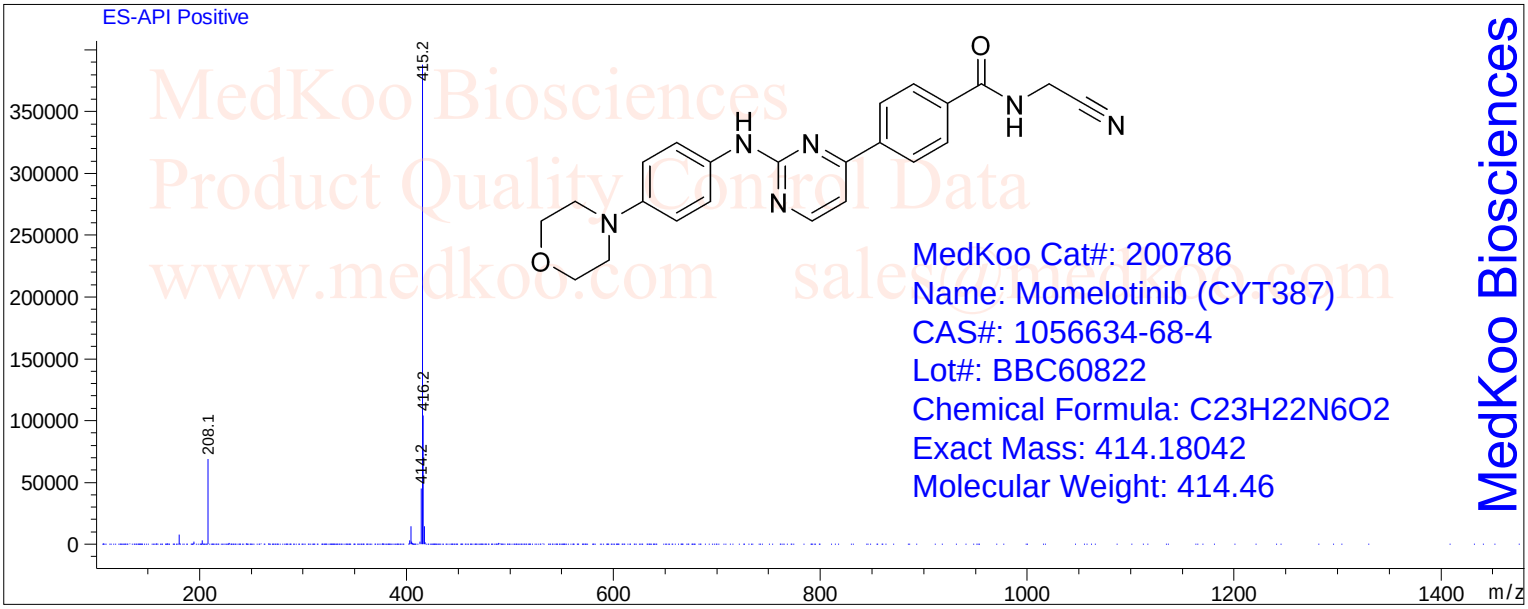
Momelotinib LC/MS Analysis

```
Sample Name          : CYT-387
Acq. Operator        : [BSB2]                          Location : Vial 28
Spec. Reported       : MS Integration                        Inj : 1
Acq. Method                                            Inj Volume : 1 ul

 Analysis Method  : C:\Chem32\1\METHODS\TEST POS.M
```



Ret. Time: 4.16 <<<< POSITIVE SPECTRA >>>>



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