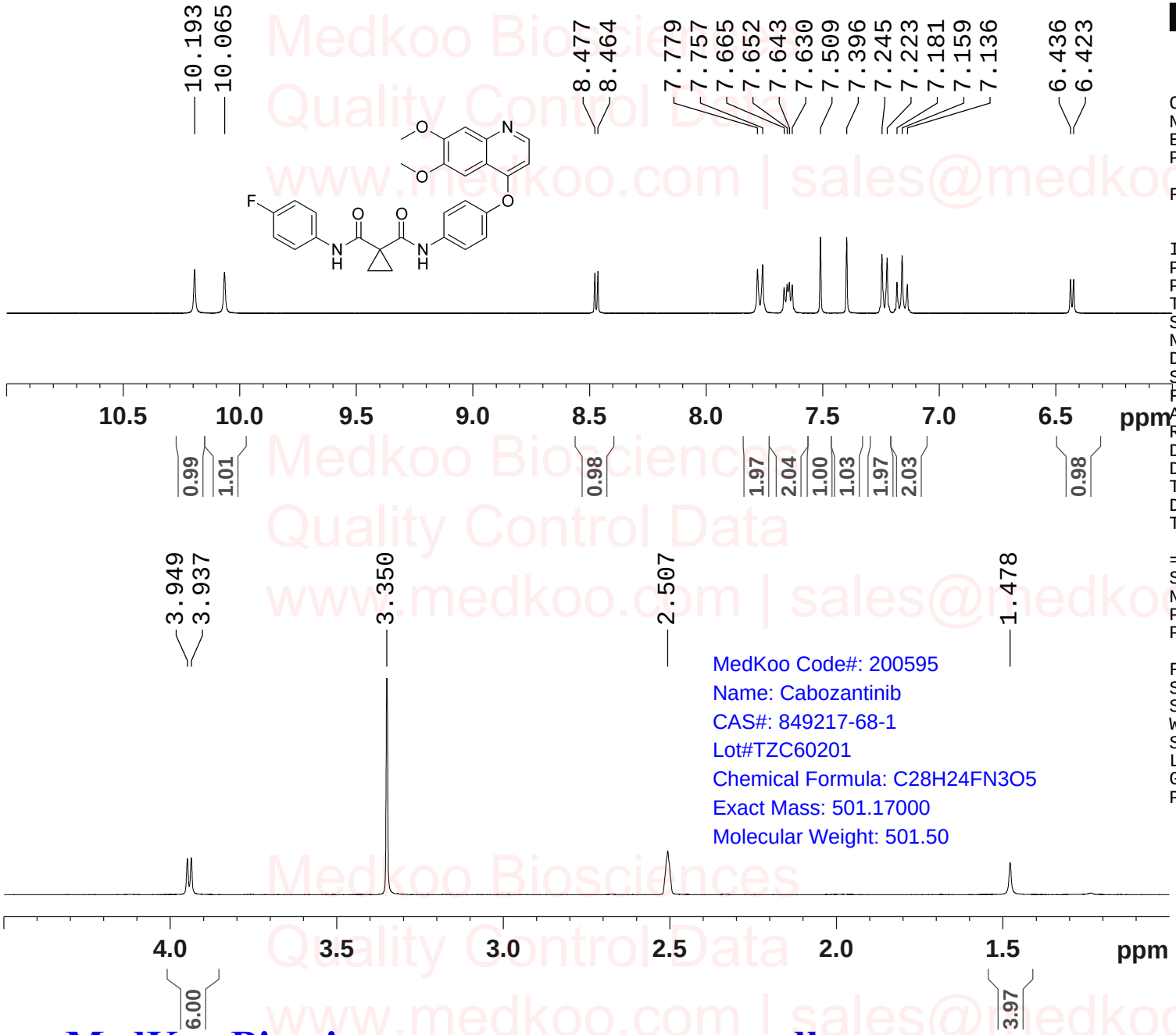
Cabozantinib (free base) NMR analysis, solvent = DMSO-d6



MedKoo Code#: 200595
Name: Cabozantinib
CAS#: 849217-68-1
Lot#TZC60201
Chemical Formula: C28H24FN3O5
Exact Mass: 501.17000
Molecular Weight: 501.50

```
Current Data Parameters
NAME         D-17-160110
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                   181
DW              62.400 usec
DE               6.50 usec
TE               295.1 K
D1           1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1        400.1324710 MHz
NUC1                   1H
P1               13.00 usec
PLW1        36.00000000 W

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

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Quality Control Data
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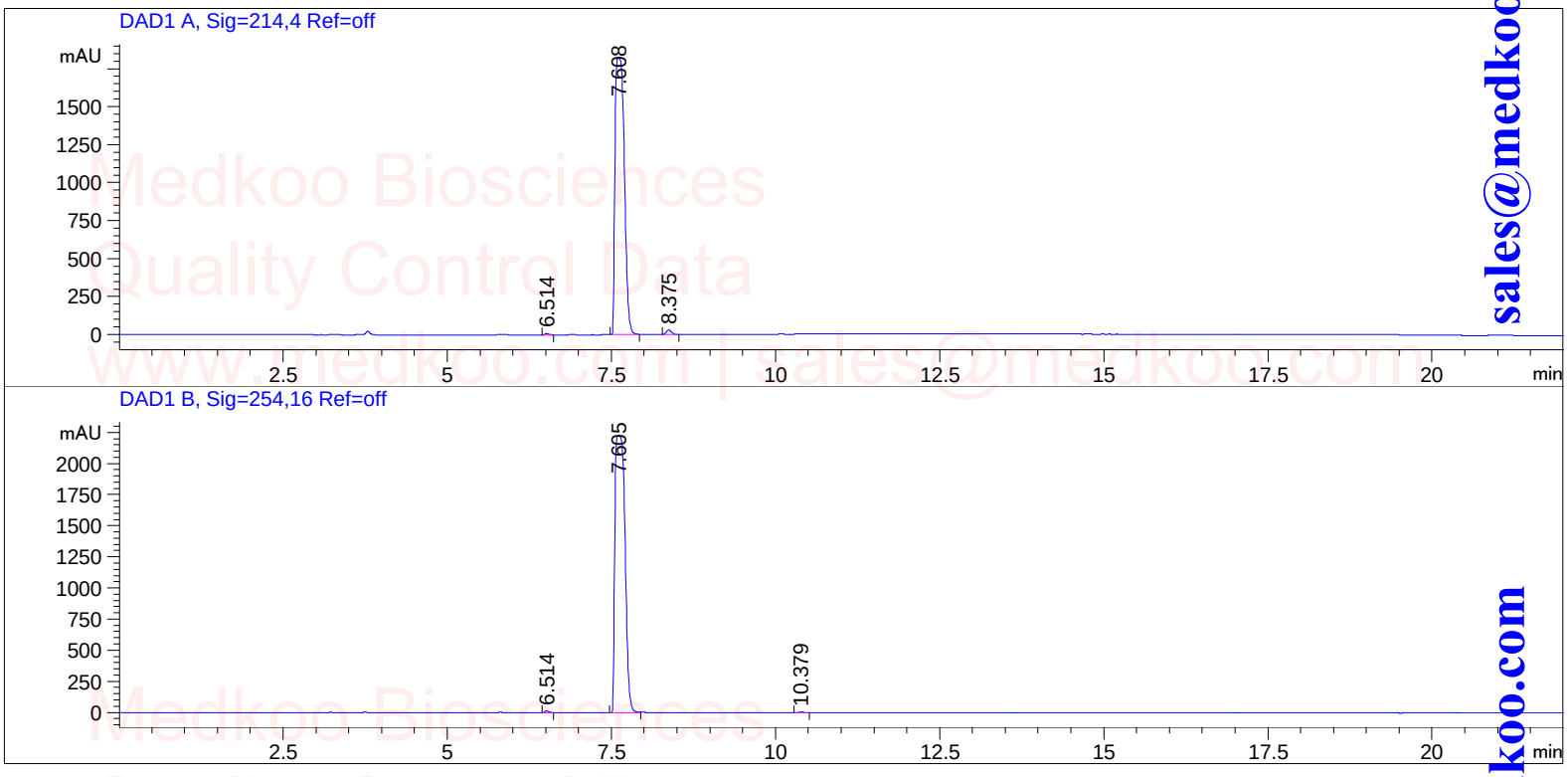
Cabozantinib (free base) HPLC analysis

Acq. Operator : ZJ
Seq. Line : 1
Acq. Instrument :Instrument 1
Location : Vial 53
Inj Volume : 2.0 µl

Analysis Method : C:\CHEM32\1\METHODS\TEST-KR.M
(modified after loading)



Signal 1: DAD1 A, Sig=214,4 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.514	BB	0.0611	38.23104	9.46014	0.2134
2	7.608	BB	0.1596	1.77082e4	1819.21912	98.8577
3	8.375	BB	0.0862	166.39471	30.24006	0.9289
Totals :				1.79128e4	1858.91931	

Signal 2: DAD1 B, Sig=254,16 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.514	BB	0.0610	57.81662	14.35504	0.2467
2	7.605	BB	0.1726	2.33575e4	2223.51245	99.6503
3	10.379	BB	0.0838	24.14666	4.41220	0.1030
Totals :				2.34395e4	2242.27969	

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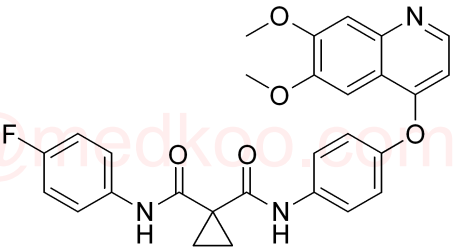

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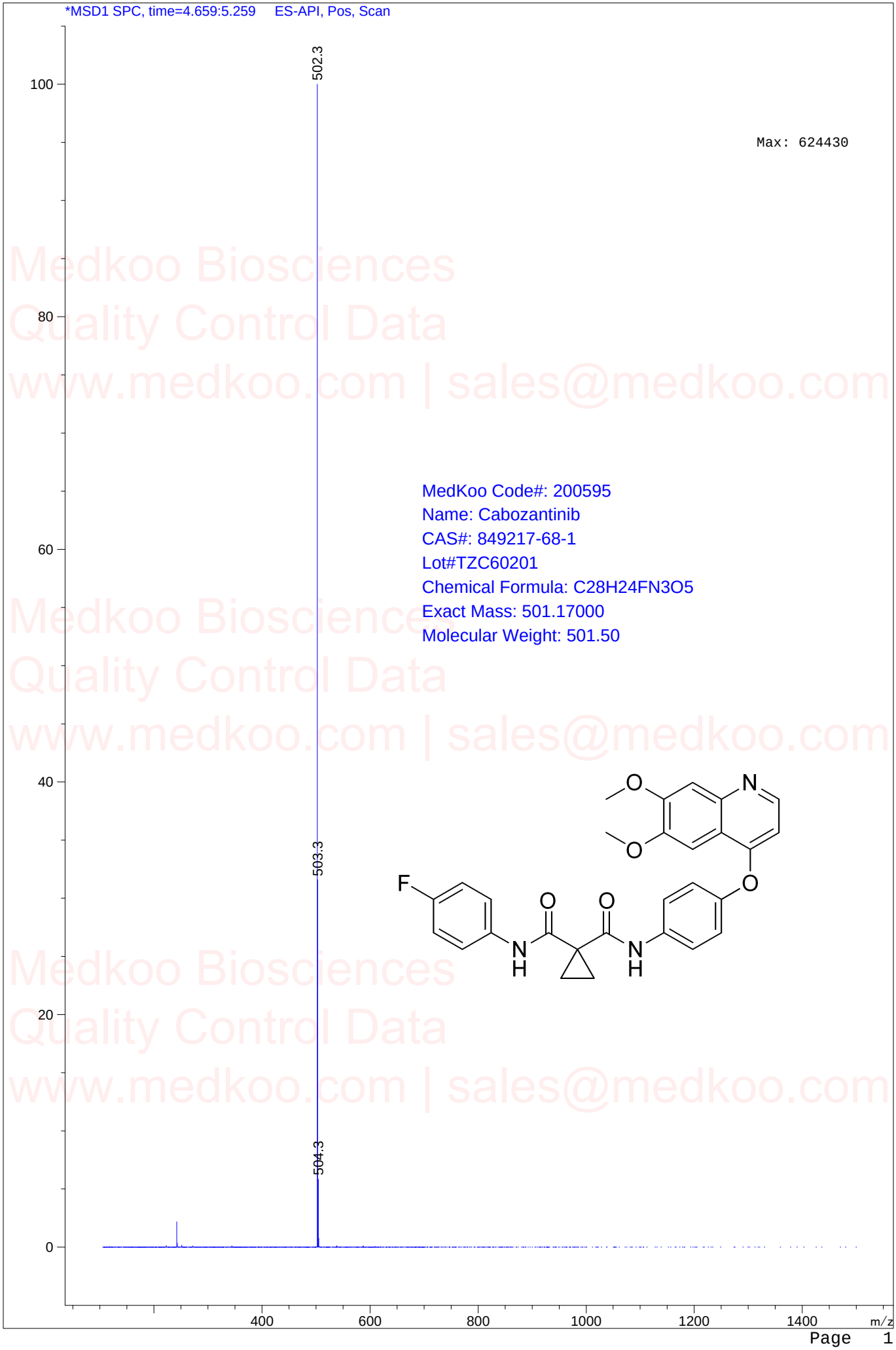
Cabozantinib (free base) MS analysis

MS Spectrum



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Name: Cabozantinib
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