

S20111123-008

20111123

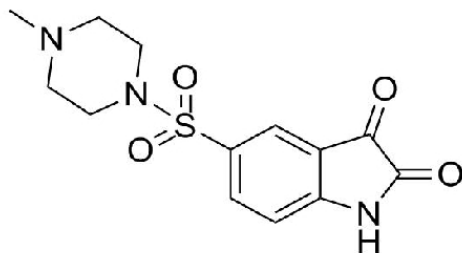
PROTON DMSO-D₆: \nmr_data ham

11.466

7.900
7.895
7.686
7.681
7.129
7.108

3.314
2.901
2.514
2.510
2.506
2.501
2.497
2.376
2.365
2.353
2.146
1.289

0.005



7a



Current Data Parameters
NAME ZHM-PAIQIN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20111123
Time 10.55
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 307.1 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



0.99

1.00
1.12
1.00

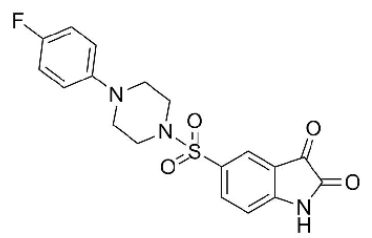
3.93
4.05
3.02

S20120305-010

20120305

PROTON DMSO-D:\nmr_data ham

11.487
7.961
7.956
7.940
7.935
7.725
7.721
7.145
7.125
7.062
7.039
7.018
6.945
6.934
6.928
6.922
6.911
3.495
3.166
3.155
3.142
3.042
3.029
3.019
2.508
2.503
2.499
0.001



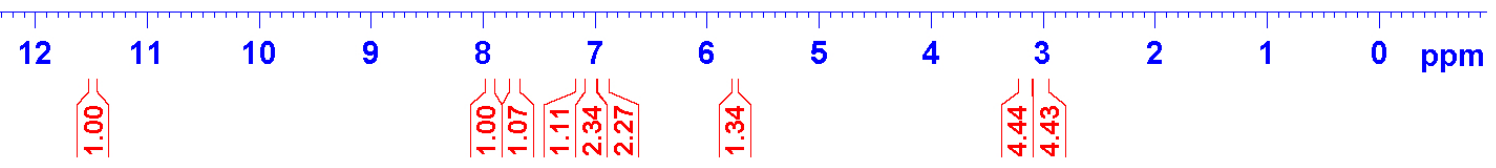
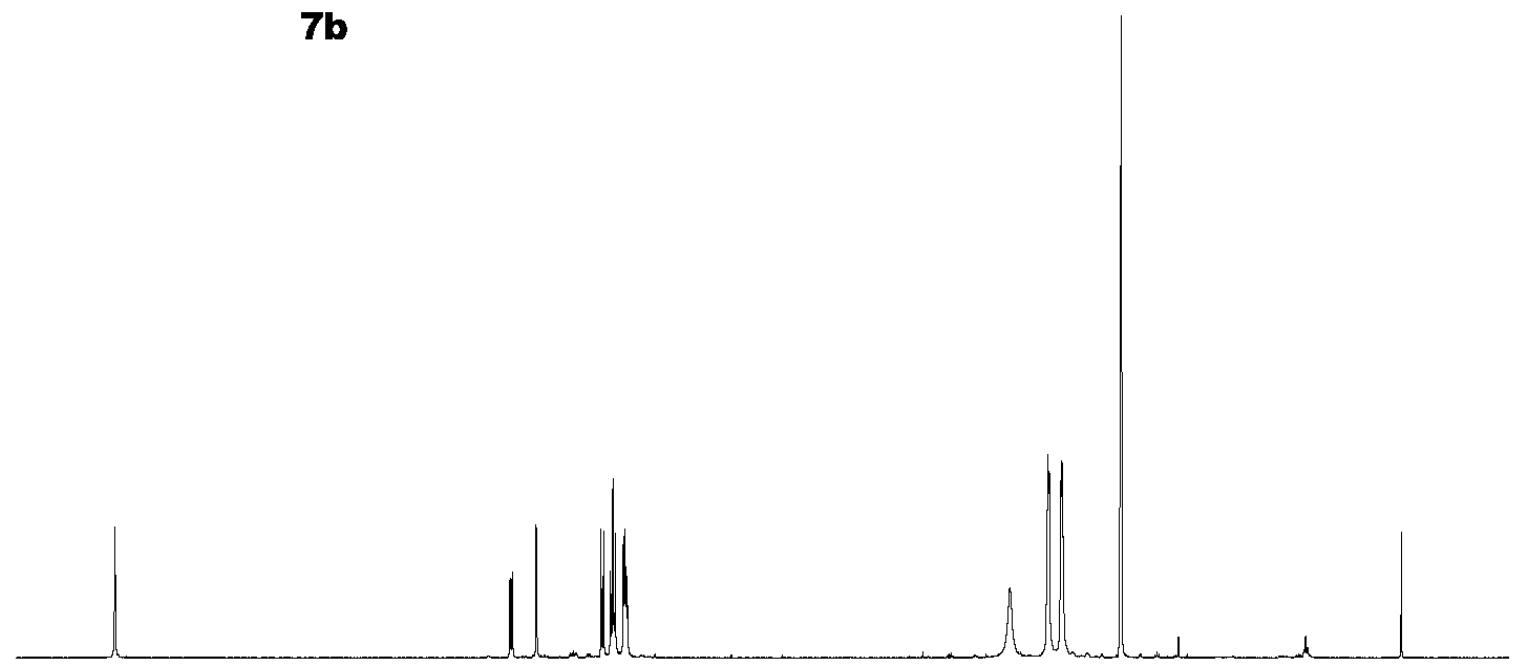
7b

Current Data Parameters
NAME ZHM-4F
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120305
Time 10.43
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



S20111207-033

20111207

PROTON DMSO D:\nmr_data ham

11.477

7.968
7.963
7.947
7.942
7.730
7.725
7.430
7.410
7.390
7.205
7.184
7.160
7.144
7.123
7.101
7.082

3.341
3.330
3.309
3.057
3.045
3.034
2.513
2.509
2.505
2.500

0.004

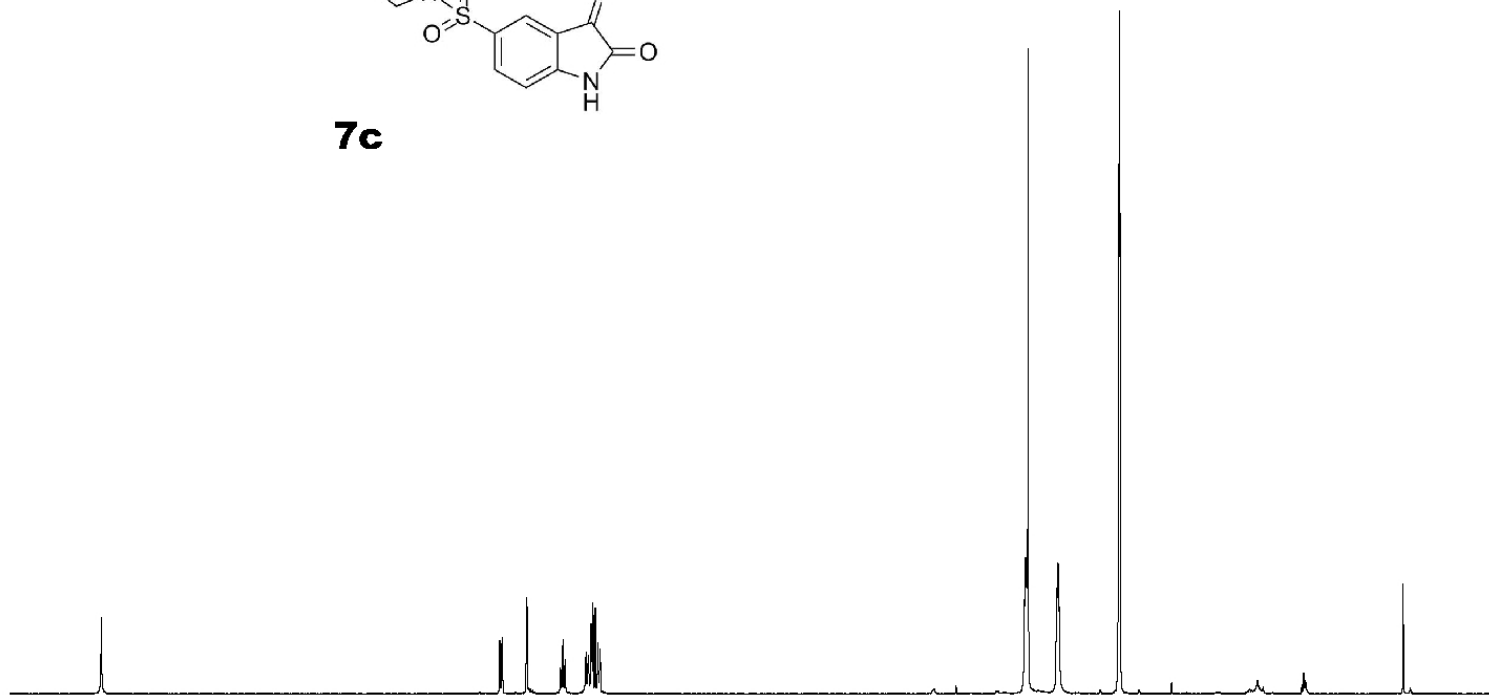
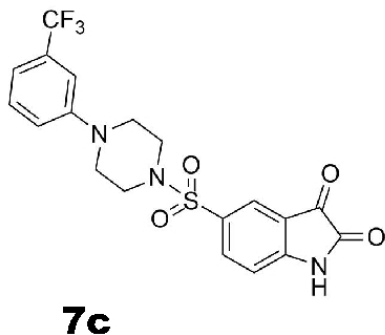


Current Data Parameters
NAME ZHM-SANLVJIA
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20111207
Time_ 18.21
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 300.7 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



12 11 10 9 8 7 6 5 4 3 2 1 0 ppm

0.96

0.99

1.00

1.07

4.17

4.06

3.89

S20120419-005

20120419

PROTON DMSO d₆: \nmr_data ham

— 11.476

7.912
7.907
7.891
7.886
7.678
7.674
7.411
7.399
7.388
7.374
7.362
7.280
7.269
7.263
7.258
7.127
7.106

— 3.561
— 3.322
— 2.910
— 2.505

— 0.003

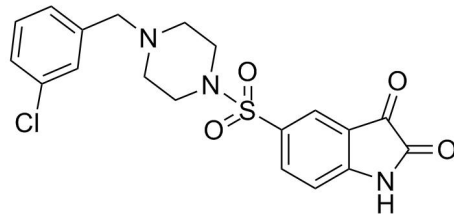


Current Data Parameters
NAME ZHM-3CLBIAN
EXPNO 10
PROCNO 1

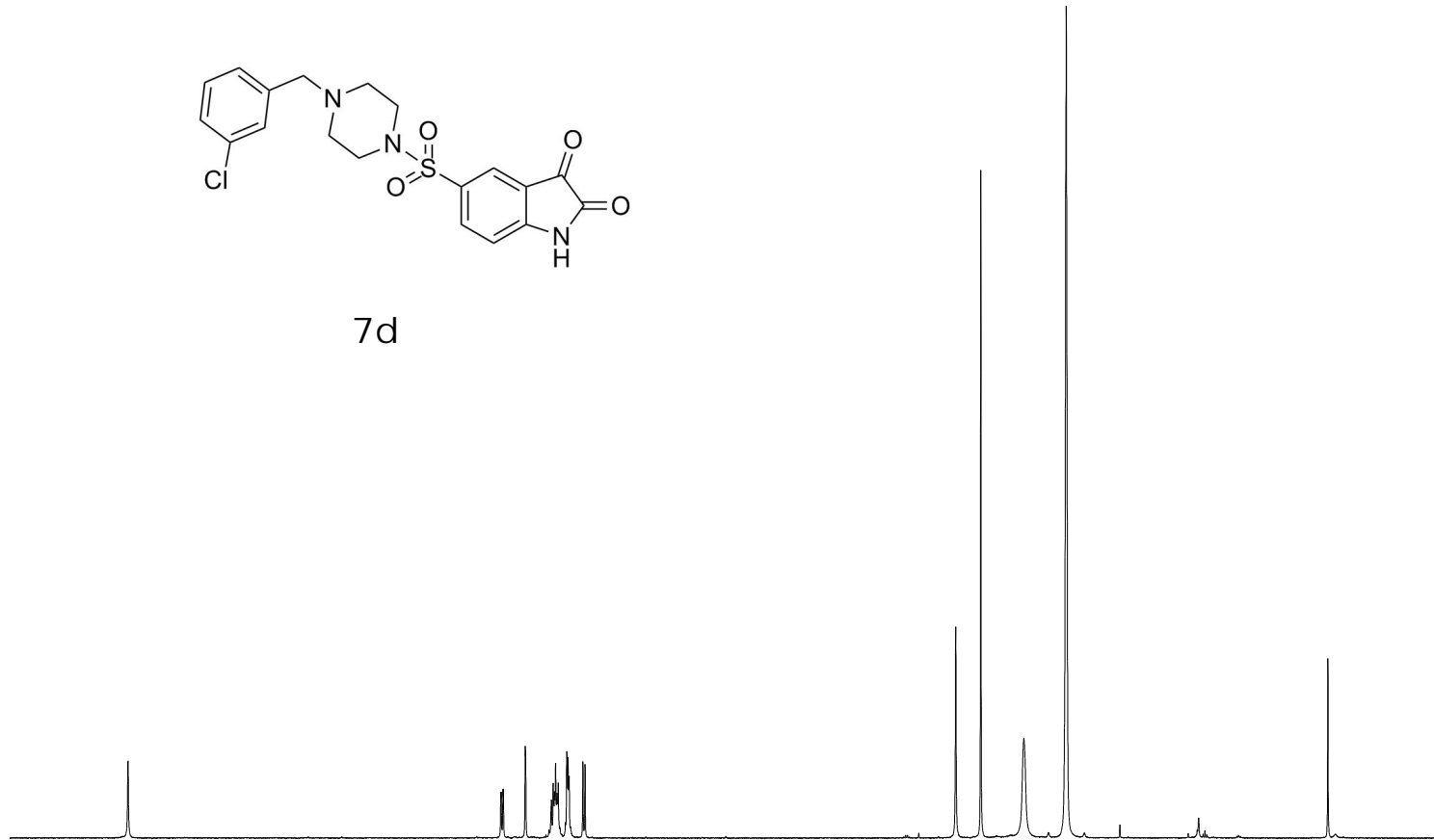
F2 - Acquisition Parameters
Date_ 20120419
Time 10.16
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



7d



12 11 10 9 8 7 6 5 4 3 2 1 0 ppm

0.98

1.00
0.99
2.98
2.11
1.02

2.09
3.86

S20120308-011

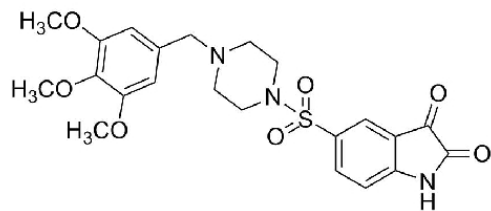
20120308

PROTON DMSO_d: \nmr_data ham

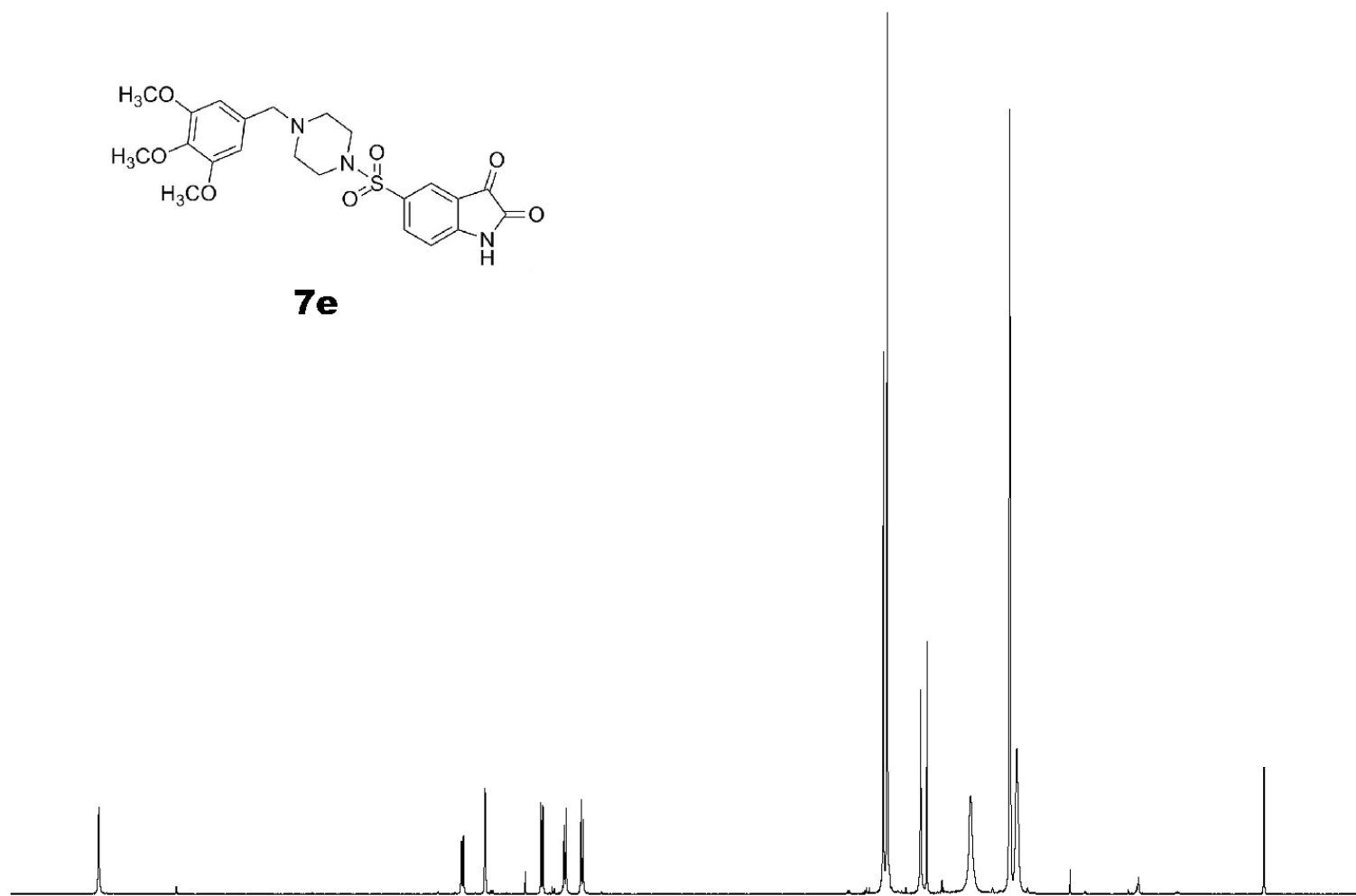
11.466
7.902
7.897
7.881
7.876
7.669
7.665
7.117
7.096
6.889
6.868
6.722
6.700

3.749
3.709
3.380
3.319
2.890
2.508
2.504
2.433

0.003



7e



12 11 10 9 8 7 6 5 4 3 2 1 0 ppm

1.01

1.01

1.05

1.00

1.14

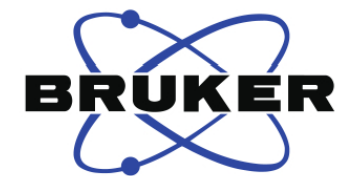
1.14

3.46

6.86

4.19

4.40



Current Data Parameters
NAME ZHM-3DCH3
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120308
Time 12.46
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

S20120315-005

20120315

PROTON Acetone D:\nmr data ham

8.021
8.016
8.000
7.995
7.839
7.835
7.298
7.277
7.247
7.228
7.209
7.192
7.156

3.029
3.018
2.935
2.749
2.728
2.616
2.604
2.594
2.577
2.077
2.071
2.066
2.061
2.055

0.007
-0.001

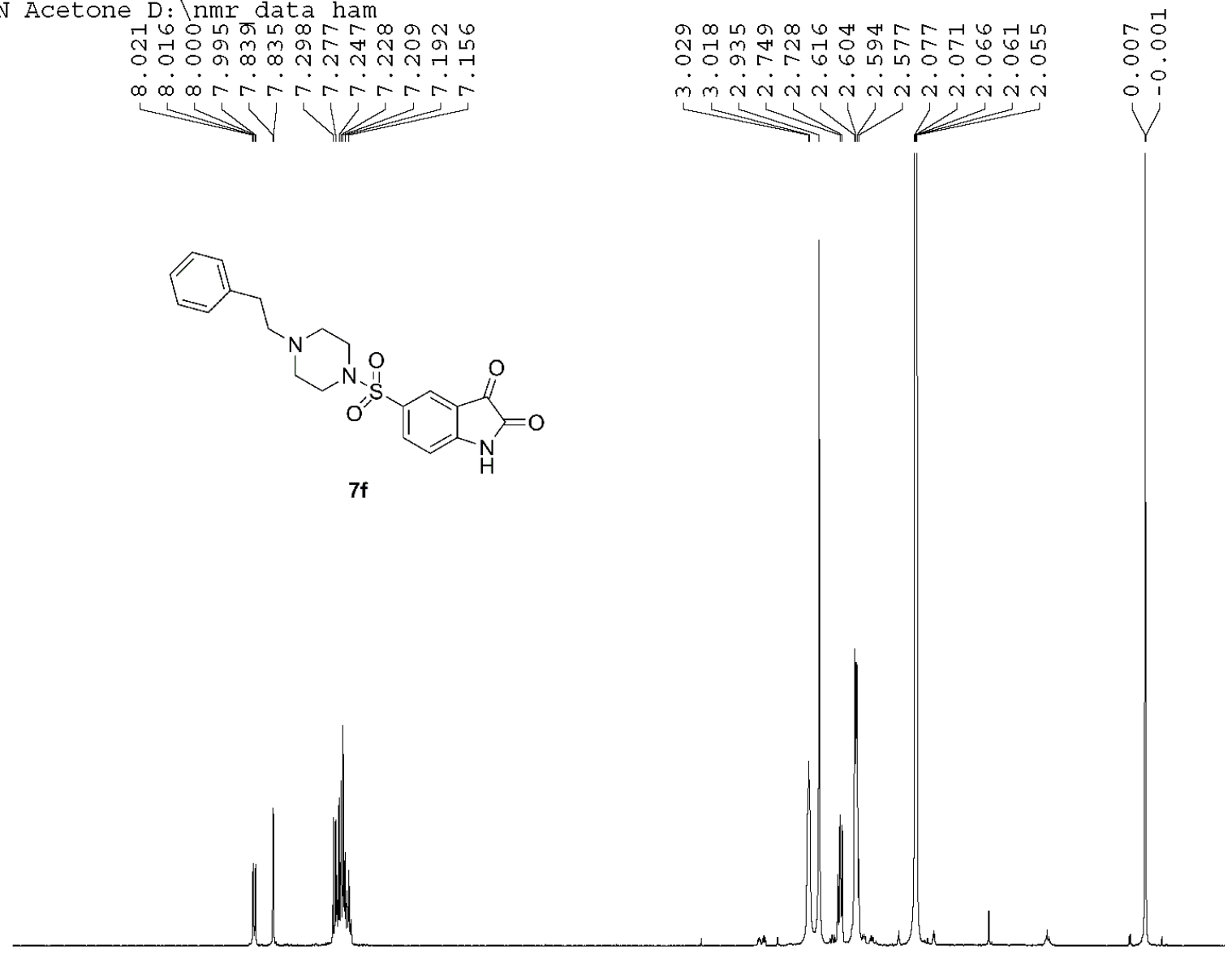
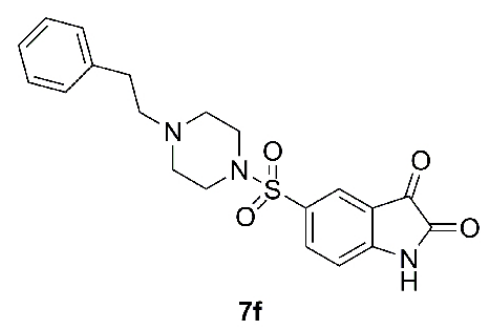


Current Data Parameters
NAME ZHM-BEN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120315
Time_ 11.21
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



10 9 8 7 6 5 4 3 2 1 0 ppm

1.00
0.93
6.23

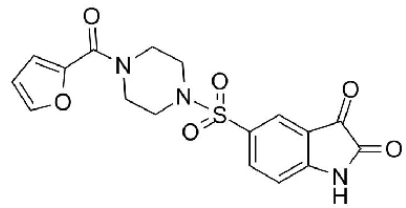
3.90
2.11
6.20

S20120417-009

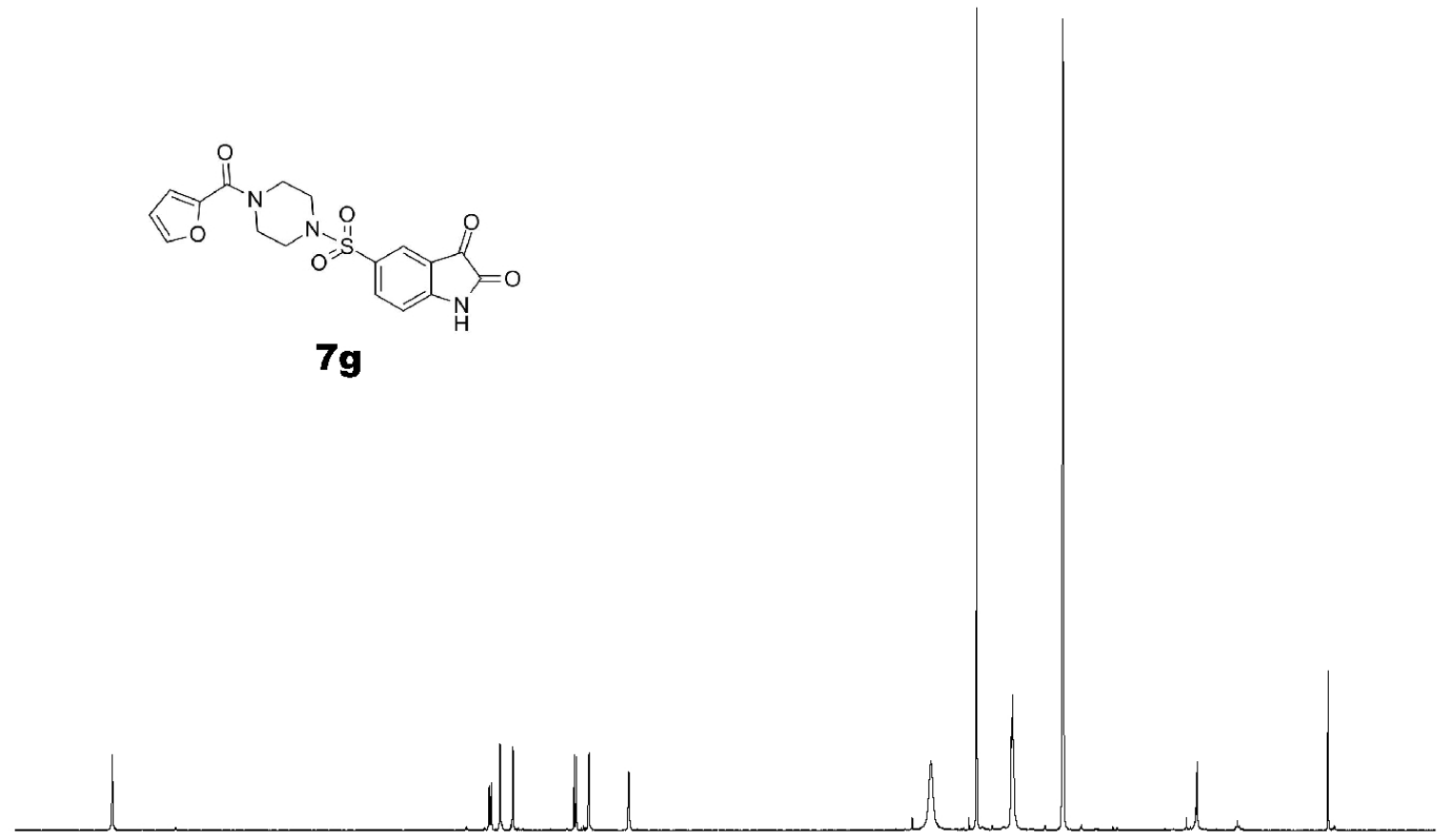
20120417

PROTON DMSO-d₆: \nmr_data ham

— 11.47
7.923
7.918
7.902
7.897
7.818
7.699
7.695
7.119
7.098
6.985
6.977
6.610
6.605
6.601
6.597
3.750
3.320
2.992
2.980
2.968
2.508
2.504
2.500
— 1.239
— 0.003



7g

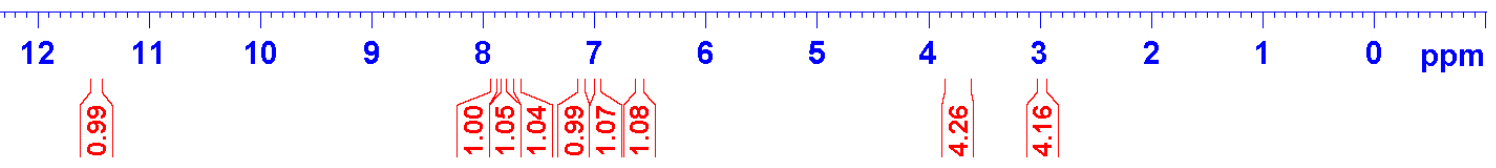


Current Data Parameters
NAME ZHM-FUNAN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120417
Time 10.51
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



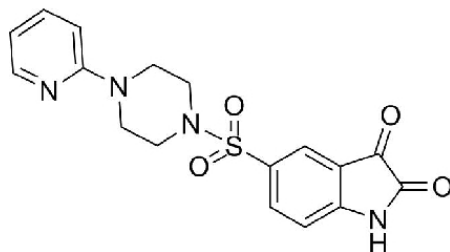
S20121228-041

20121228

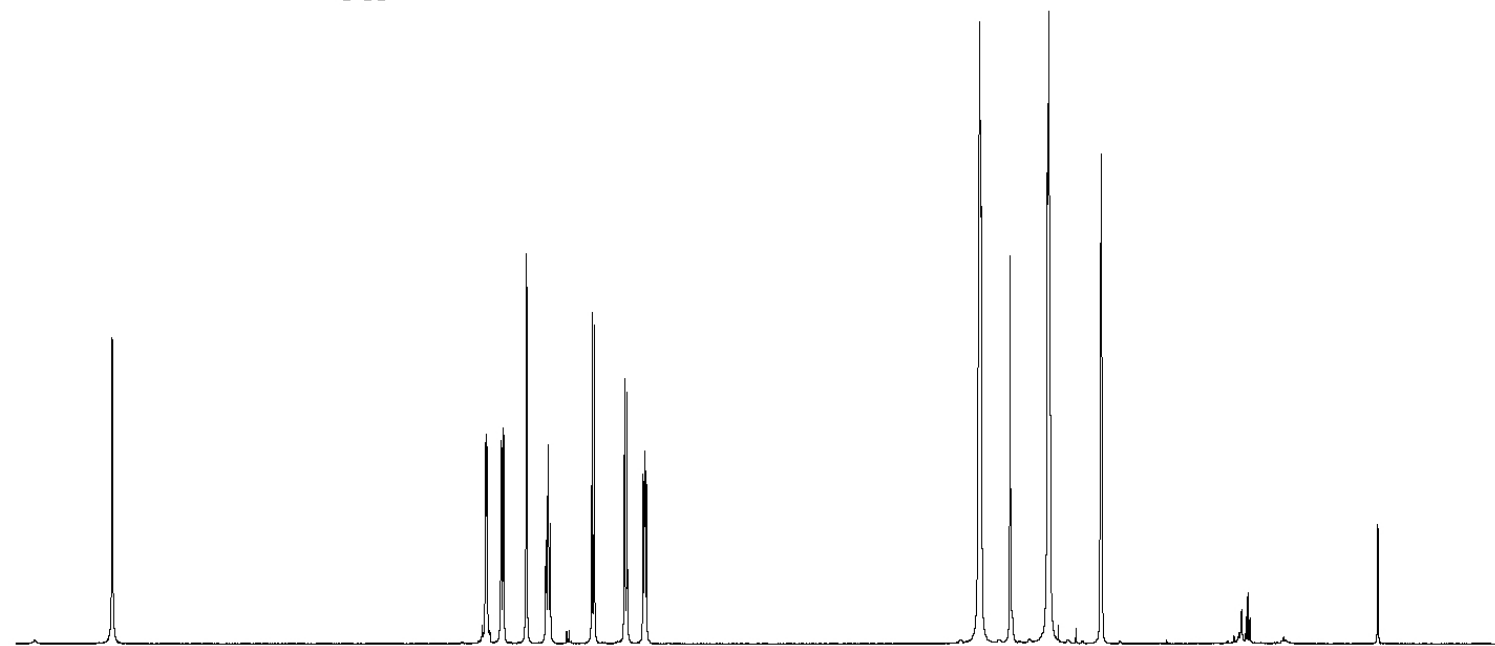
PROTON DMSO D:\nmr data ham

11.458
8.079
8.076
8.067
8.064
7.939
7.935
7.919
7.914
7.709
7.705
7.533
7.529
7.515
7.511
7.494
7.489
7.114
7.093
6.819
6.797
6.652
6.639
6.634
6.622
3.616
3.605
3.593
3.329
2.991
2.980
2.968
2.509
2.505
2.501

0.001



7h



Current Data Parameters
NAME ZHM-2Bi
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121228
Time 17.13
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

12 11 10 9 8 7 6 5 4 3 2 1 0 ppm

0.83

1.00
0.95
0.93
0.99
0.93
0.99
0.99

3.91

3.84

S20120327-020

20120327

PROTON DMSO δ \nmr_data ham

— 11.464

7.920
7.916
7.899
7.895
7.678
7.675
7.118
7.098

4.041
4.023
3.322
2.905
2.892
2.878
2.508
2.504
2.500

1.550
1.537
1.373
1.361

— 0.003

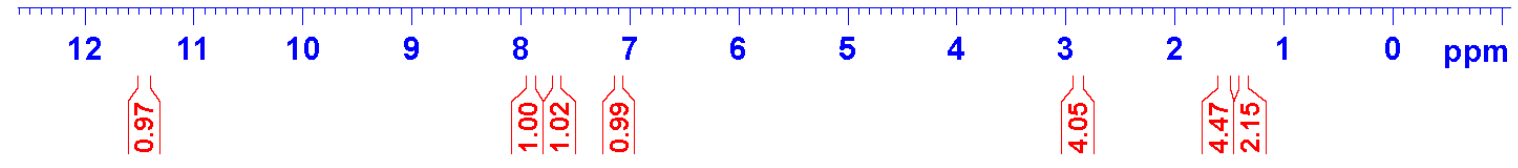
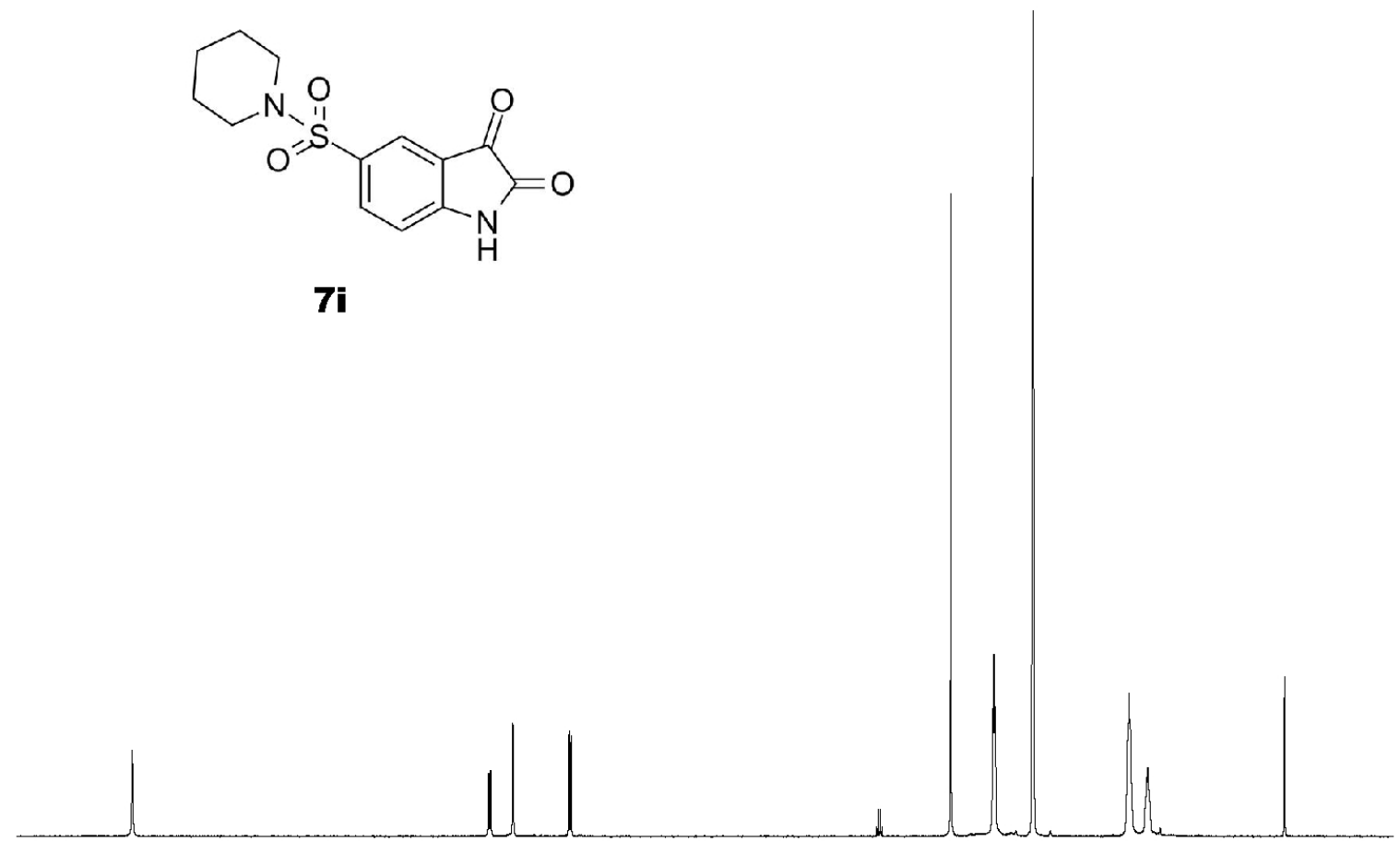
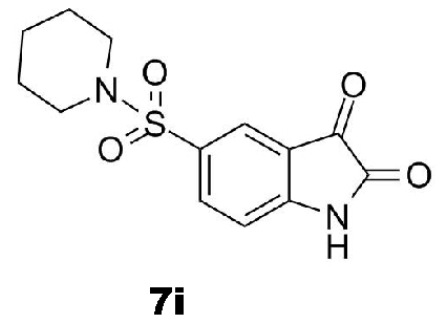


Current Data Parameters
NAME ZHM-PAIDING1
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120327
Time 12.40
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



S20120331-017

20120330

PROTON DMSO D:\nmr_data ham

— 11.491

7.924
7.920
7.904
7.899
7.693
7.140
7.120

3.647
3.636
3.624
3.325
2.891
2.880
2.869
2.504

— 0.002

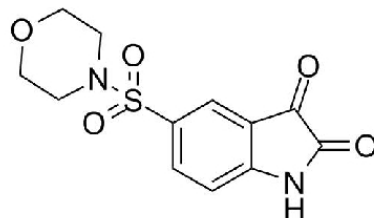


Current Data Parameters
NAME ZHM-MA2
EXPNO 10
PROCNO 1

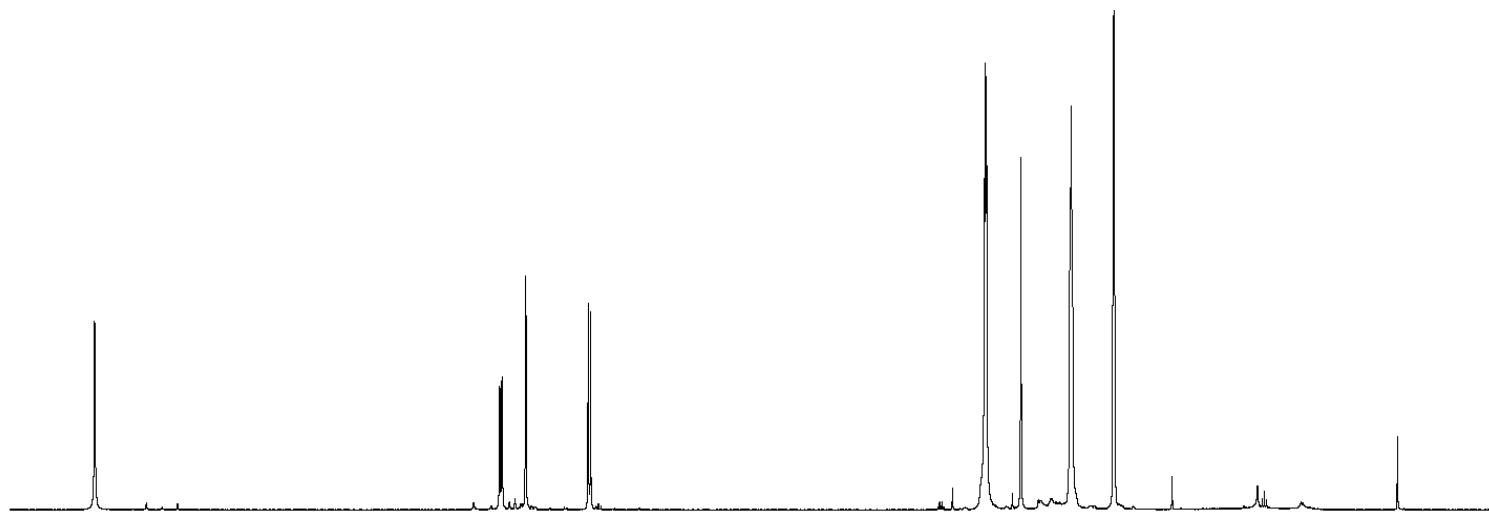
F2 - Acquisition Parameters
Date_ 20120331
Time 10.49
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



7j



12 11 10 9 8 7 6 5 4 3 2 1 0 ppm

0.97

1.00

1.02

0.98

4.79

4.17

S20120319-016

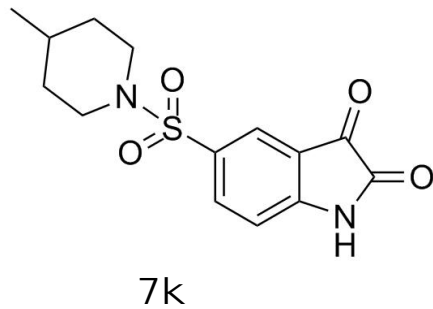
20120319

PROTON DMSO D:\nmr_data ham

— 11.456

7.920
7.915
7.899
7.894
7.678
7.674
7.116
7.095

3.608
3.579
3.320
2.508
2.504
2.500
2.249
2.224
2.219
2.194
1.671
1.644
1.302
1.296
1.286
1.156
1.147
1.125
1.116

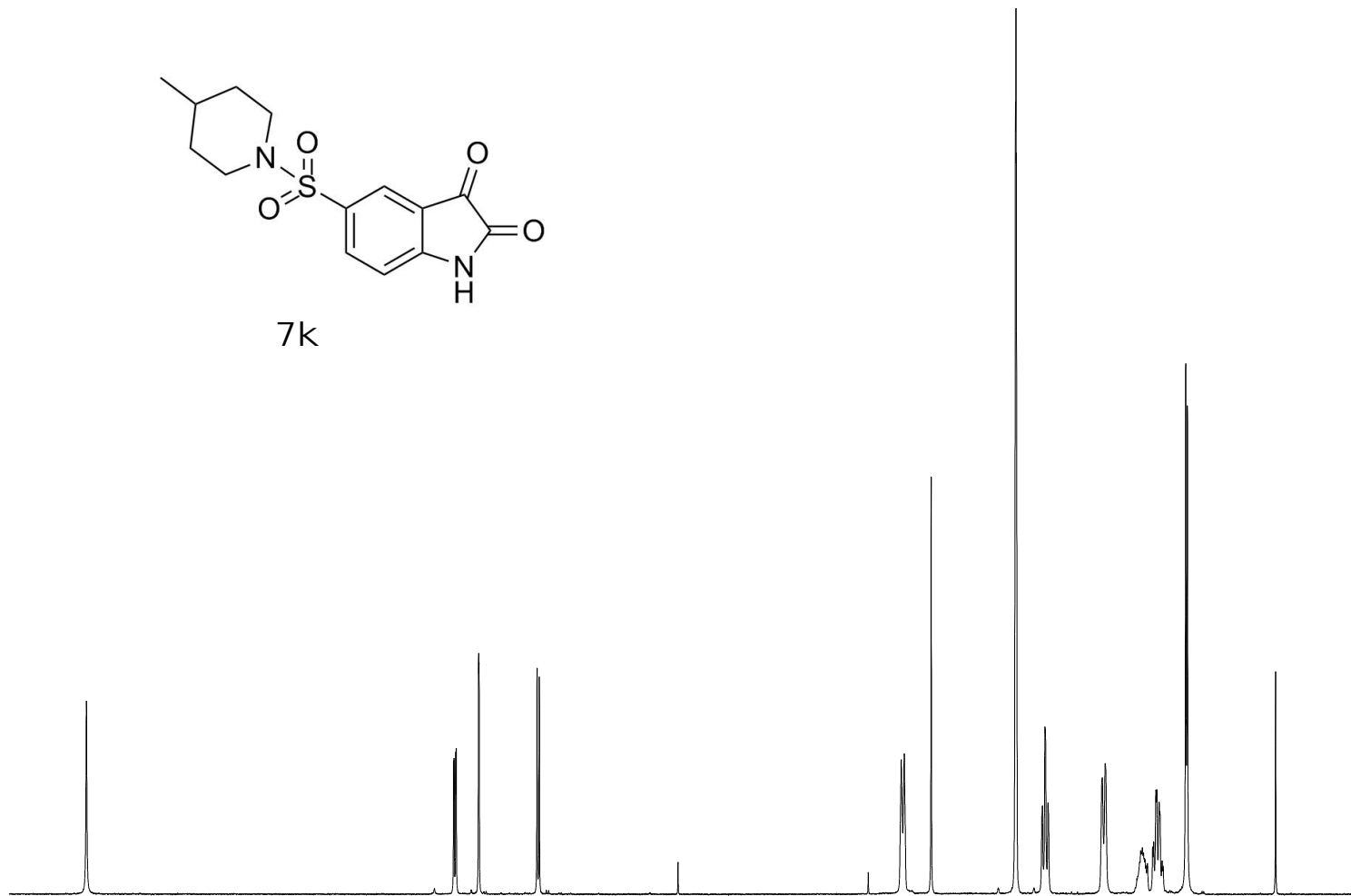


Current Data Parameters
NAME ZHM-4JIAPAI
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120319
Time 11.20
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



12 11 10 9 8 7 6 5 4 3 2 1 0 ppm

0.97

1.00
0.98

0.99

2.05

2.03

2.12

1.29

2.14

3.20

S20120323-005

20120323

PROTON DMSO d_6 \nmr_data ham

11.408
7.991
7.986
7.970
7.966
7.739
7.736
7.080
7.059

4.107
4.098
3.603
3.577
3.325
2.996
2.970
2.964
2.937
2.504
1.556
1.527
1.506
1.496
1.476
1.449
1.437
1.425
1.223
1.042
1.025
0.003

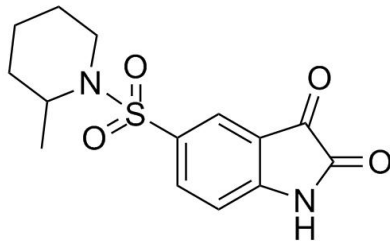


Current Data Parameters
NAME ZHM-2JIAPAI
EXPNO 10
PROCNO 1

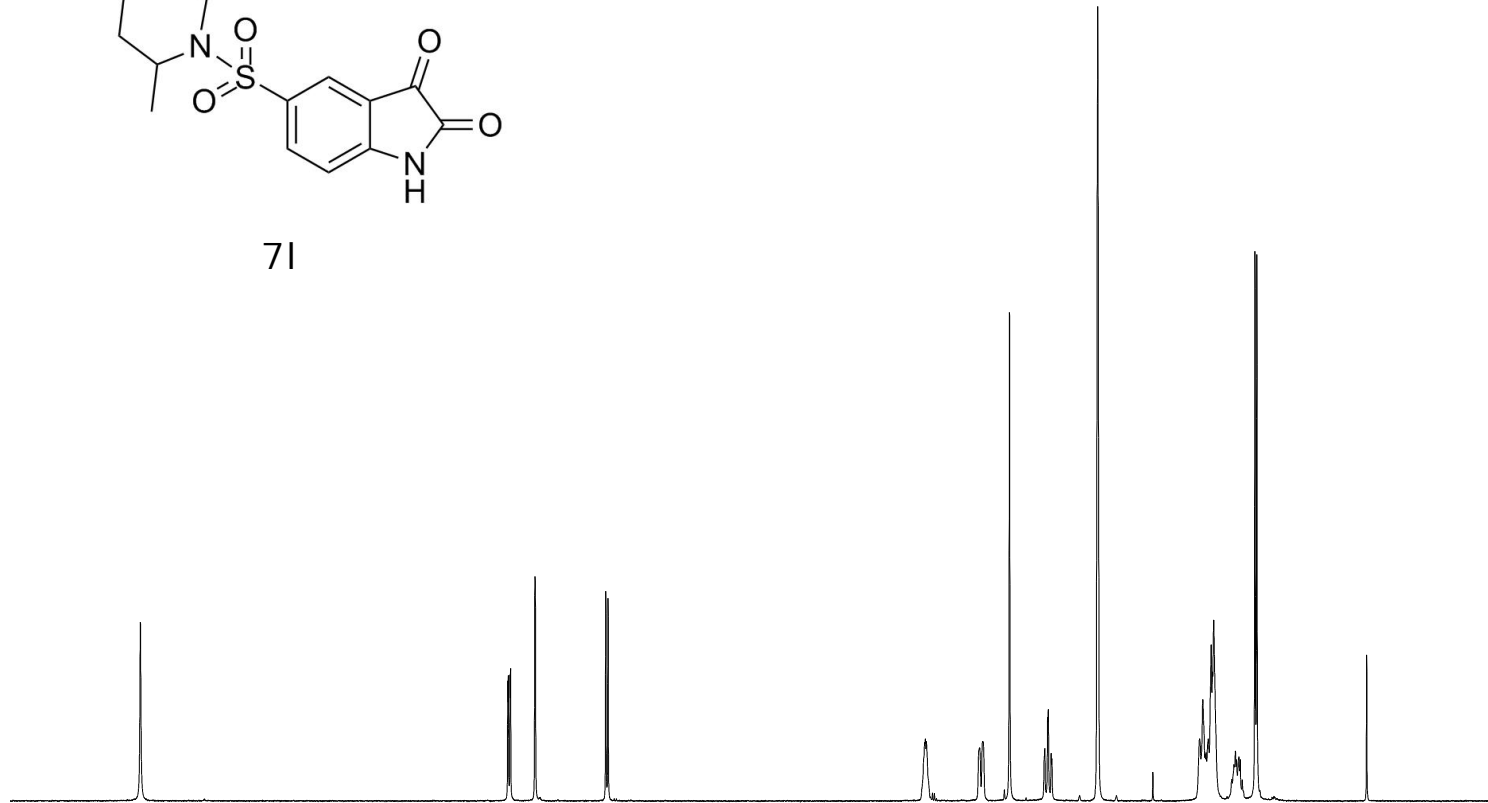
F2 - Acquisition Parameters
Date_ 20120323
Time 11.51
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



71



1.03

1.03
1.00

1.03

1.07

1.06

1.11

5.47

1.31

3.10

S20120828-056

20120828

PROTON CDCl3 D:\nmr data ham

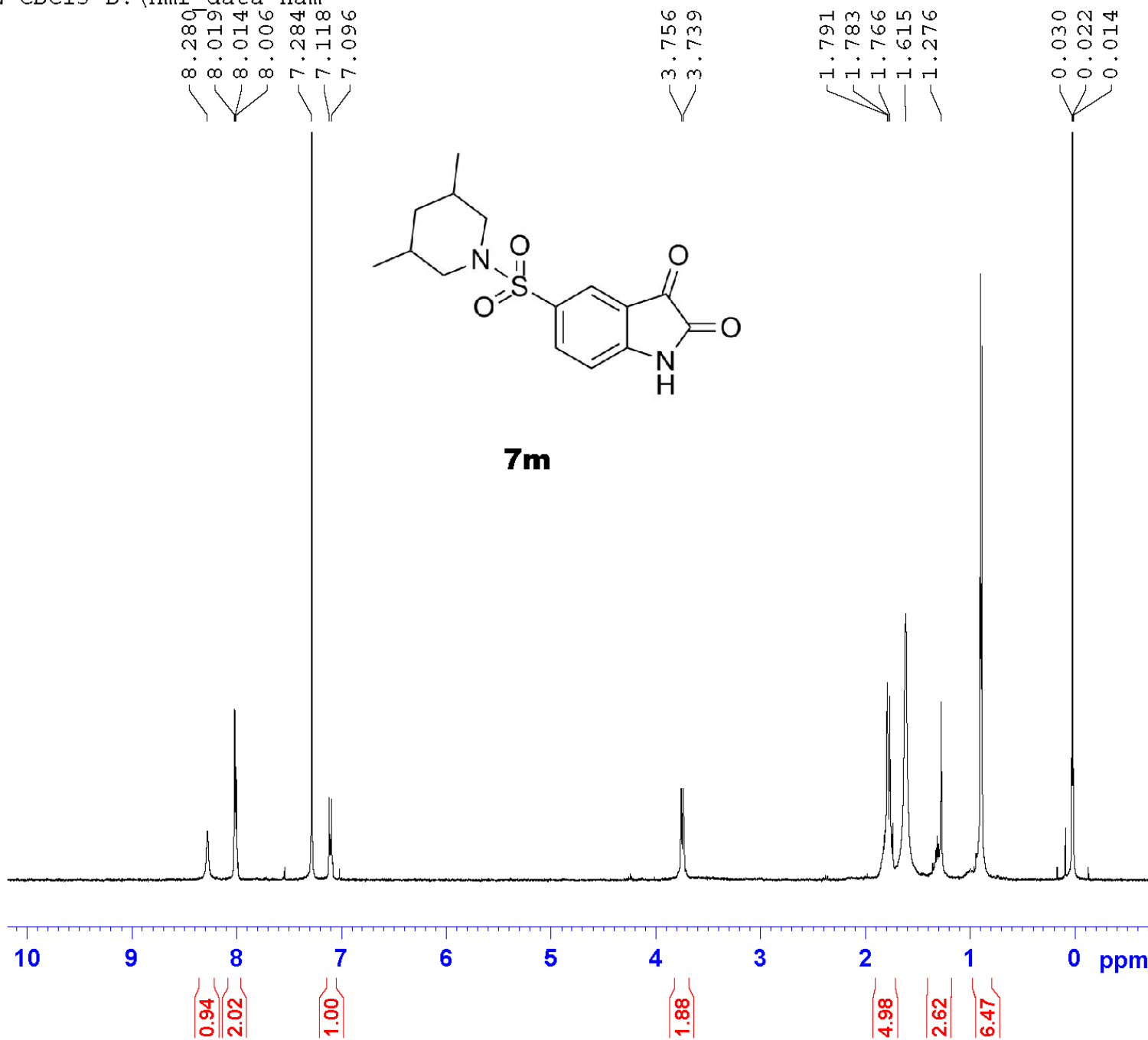


Current Data Parameters
NAME ZHM-3.5-ERJIA
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120829
Time_ 6.35
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



S20120612-039

20120612

PROTON CDCl3 D:\nmr data ham

8.042
8.038
8.021
8.017
7.980
7.976
7.283
7.069
7.048

3.343
3.088
2.530
2.518
2.507
2.303
1.274
0.019

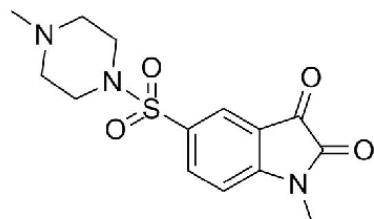


Current Data Parameters
NAME ZHM-NJIAPAIJIA
EXPNO 10
PROCNO 1

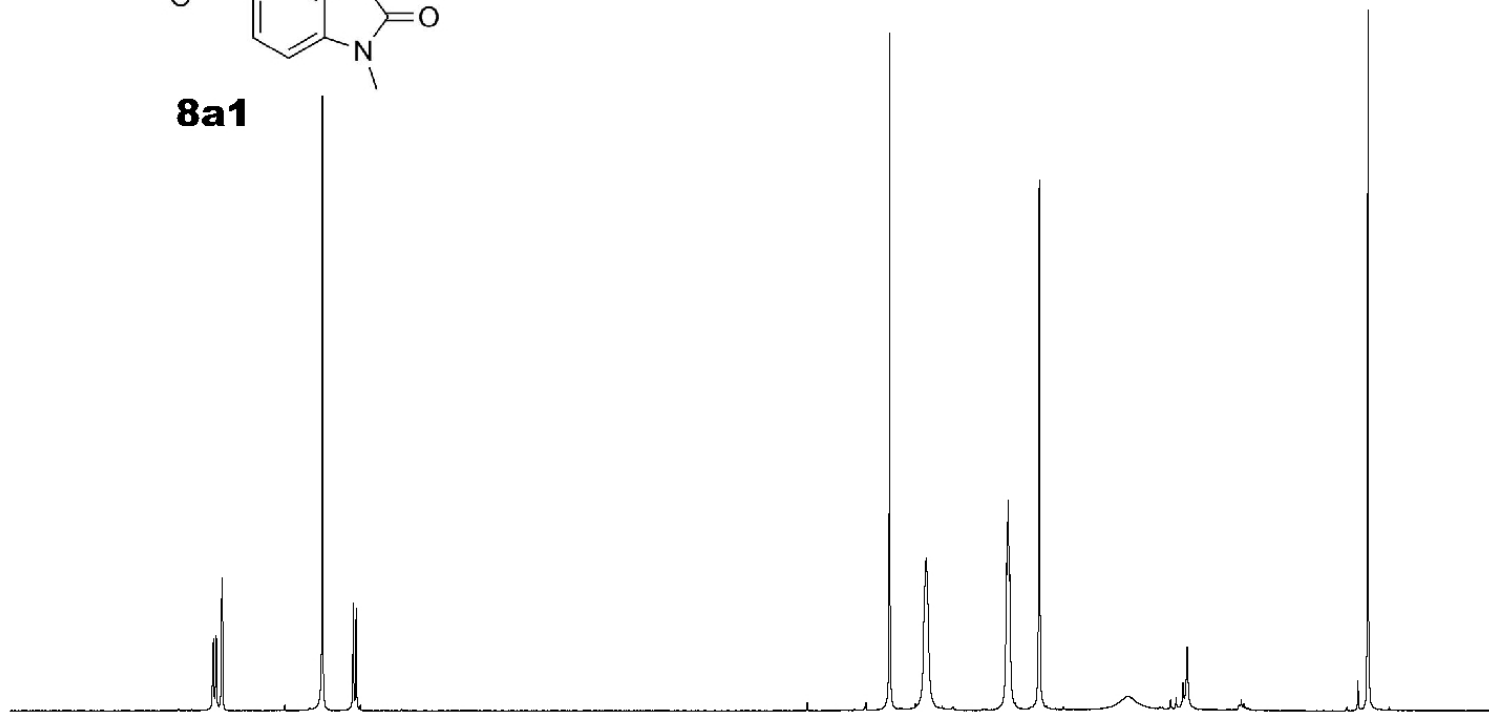
F2 - Acquisition Parameters
Date_ 20120612
Time 14.27
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.1 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8a1



9 8 7 6 5 4 3 2 1 0 ppm

1.03
0.94

1.00

3.08
4.04

4.15
3.18

S20120612-038

20120612

PROTON CDCl3 D:\nmr data ham

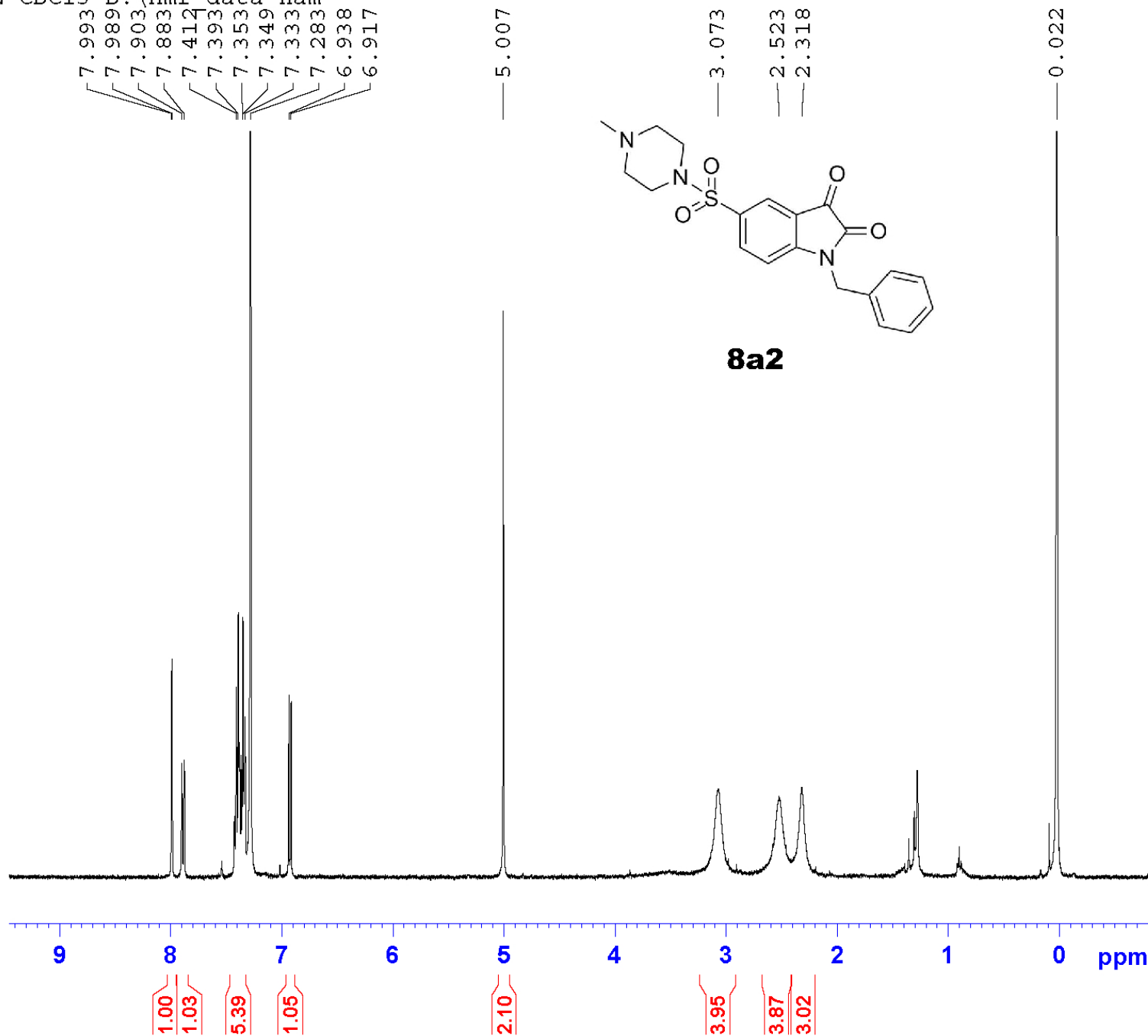


Current Data Parameters
NAME ZHM-NJIABIAN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120612
Time_ 14.22
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.5 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

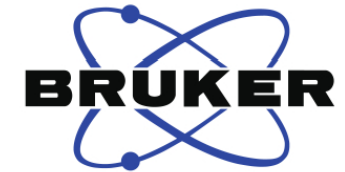
F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



S20120612-036

20120612

PROTON CDC13 D:\nmr data ham

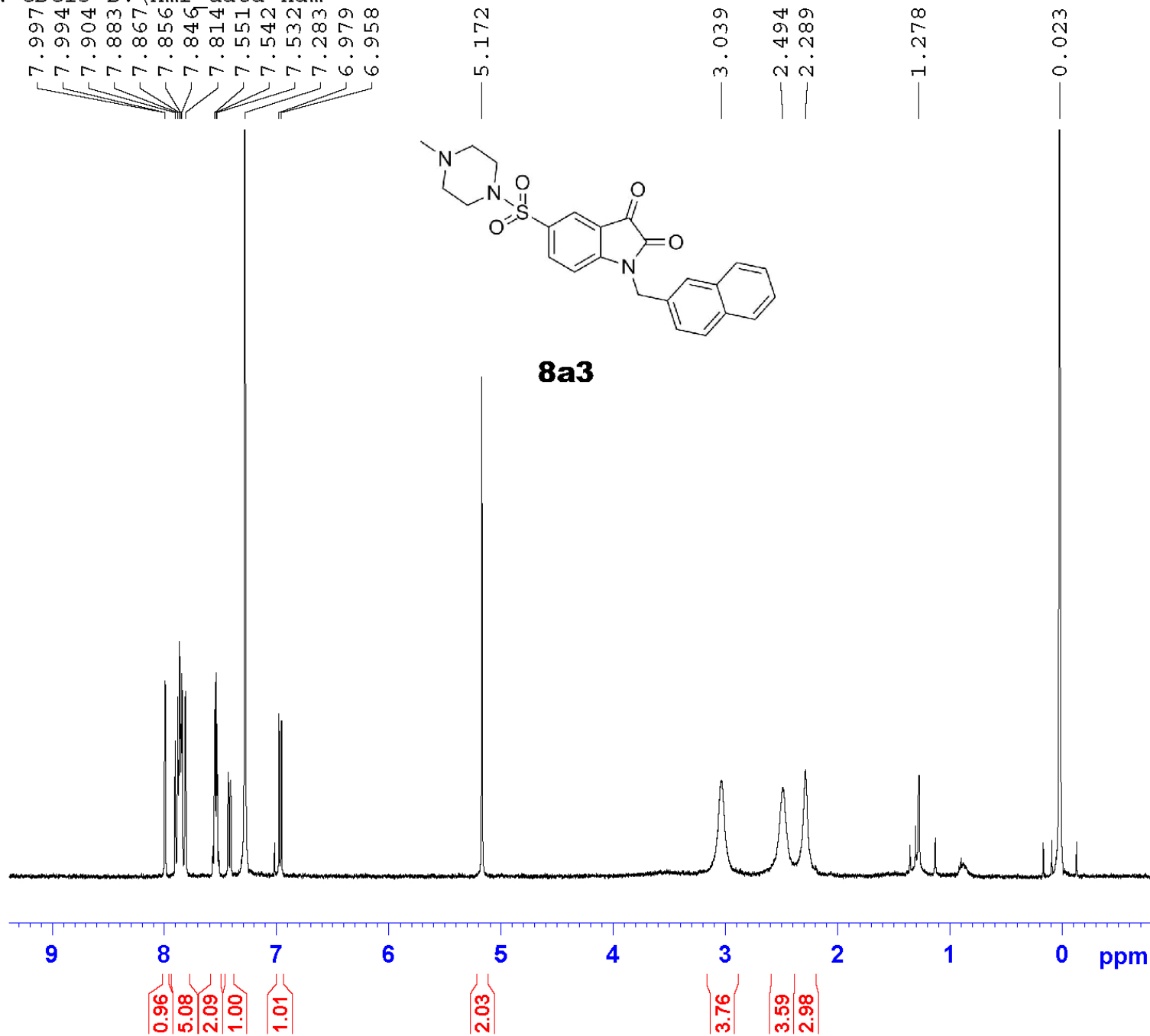


Current Data Parameters
NAME ZHM-NJIANAI
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120612
Time 14.12
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.4 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



S20130415-023

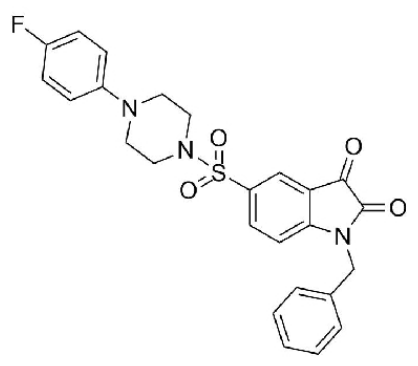
20130415

PROTON DMSO D:\nmr data ham

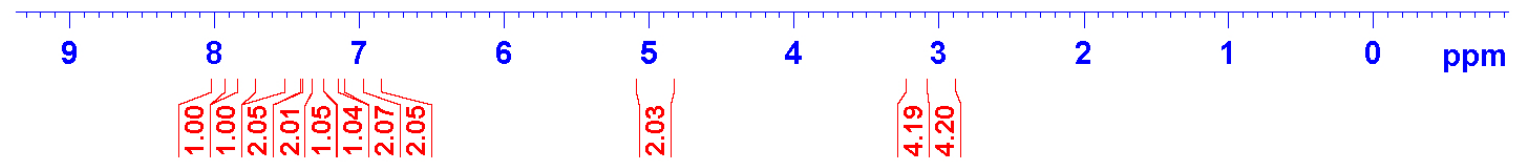
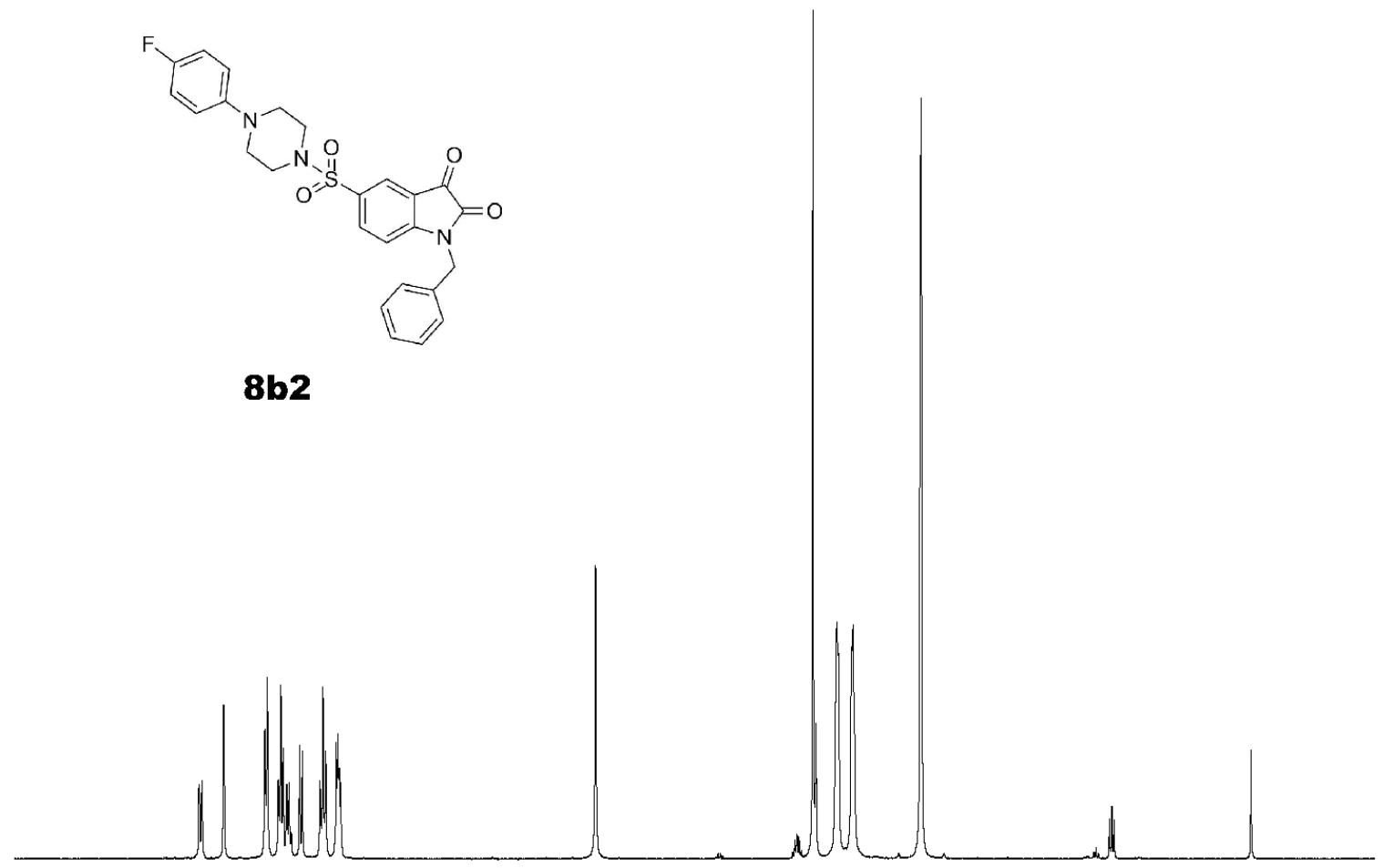
7.949
7.787
7.474
7.456
7.373
7.355
7.336
7.309
7.291
7.211
7.190
7.056
7.034
7.012
6.934
6.922
6.911
6.900
4.969

3.322
3.299
3.141
3.129
3.030
3.019
2.503

— 0.002



8b2



Current Data Parameters
NAME ZHM-4FBian
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130416
Time 2.19
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

S20120910-127

20120910

PROTON CDCl3 D:\nmr data ham

8.036
7.904
7.883
7.854
7.831
7.552
7.543
7.533
7.450
7.429
7.284
7.021
7.001
6.985

5.177

3.219
3.200

1.279

0.093
0.024

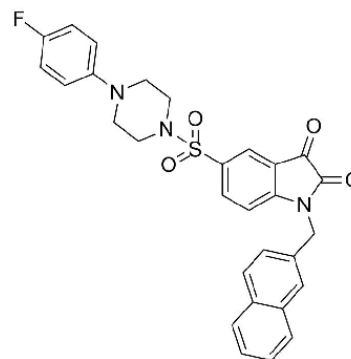


Current Data Parameters
NAME ZHM-4FBENNAI
EXPNO 10
PROCNO 1

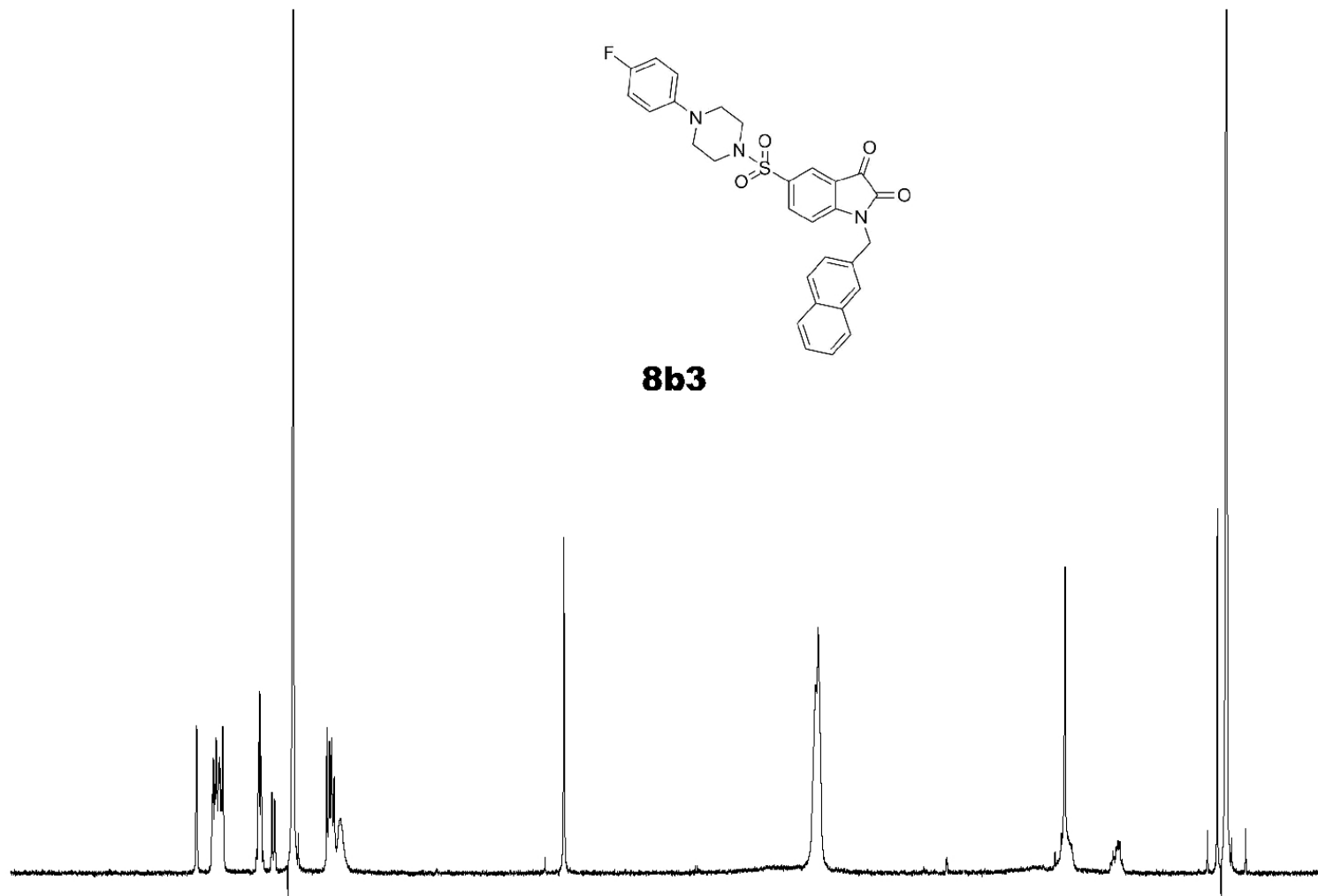
F2 - Acquisition Parameters
Date_ 20120910
Time 14.12
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8b3



9

1.00
5.02
2.21
1.05
5.04

6

1.96

4

7.92

2

1

0

ppm

S20120629-034

20120629

PROTON CDCl3 D:\nmr data ham

7.895
7.878
7.874
7.409
7.394
7.379
7.370
7.363
7.354
7.347
7.284
7.224
7.215
7.210
7.201
6.948
6.927

5.000

3.666

3.081

2.651

0.023

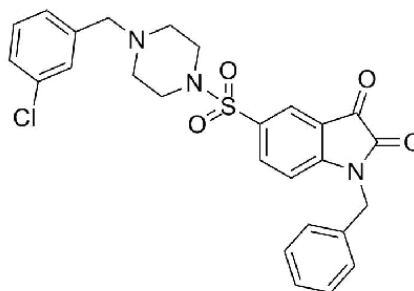


Current Data Parameters
NAME ZHM-3CLBIANBIAN
EXPNO 10
PROCNO 1

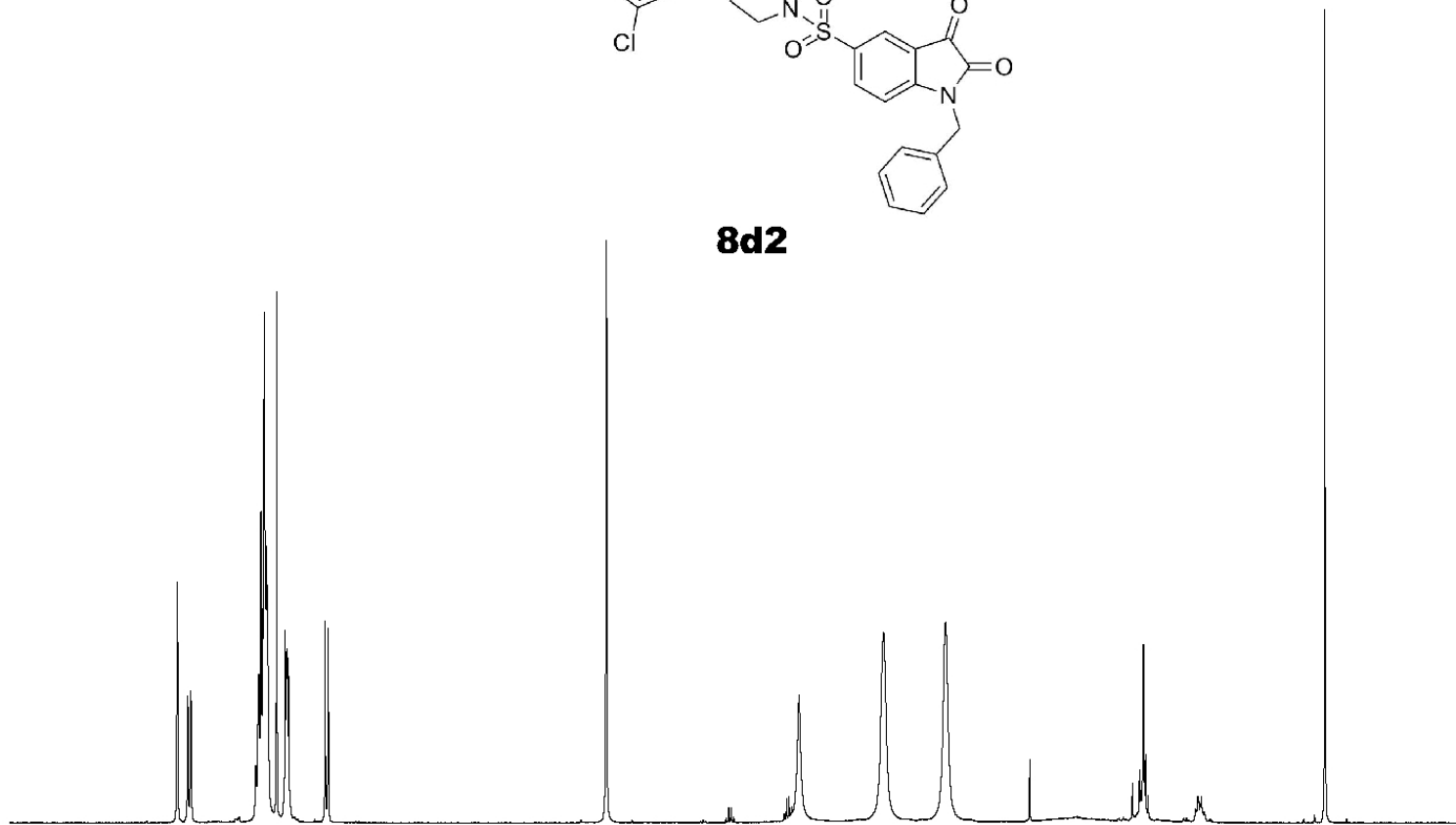
F2 - Acquisition Parameters
Date_ 20120629
Time 11.43
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8d2



9 8 7 6 5 4 3 2 1 0 ppm

1.00
1.03
7.12
2.04
1.03
2.05
1.90
3.96
3.97

S20120629-036

20120629

PROTON CDCl3 D:\nmr data ham

7.868
7.858
7.847
7.828
7.557
7.553
7.544
7.534
7.454
7.451
7.433
7.430
7.284
7.195
7.186
6.992
6.971
5.168

3.603
3.029
2.592

0.094
0.032
0.024
0.016

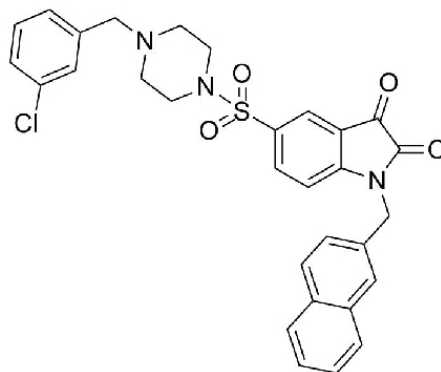


Current Data Parameters
NAME ZHM-3CLBIANNAI2
EXPNO 10
PROCNO 1

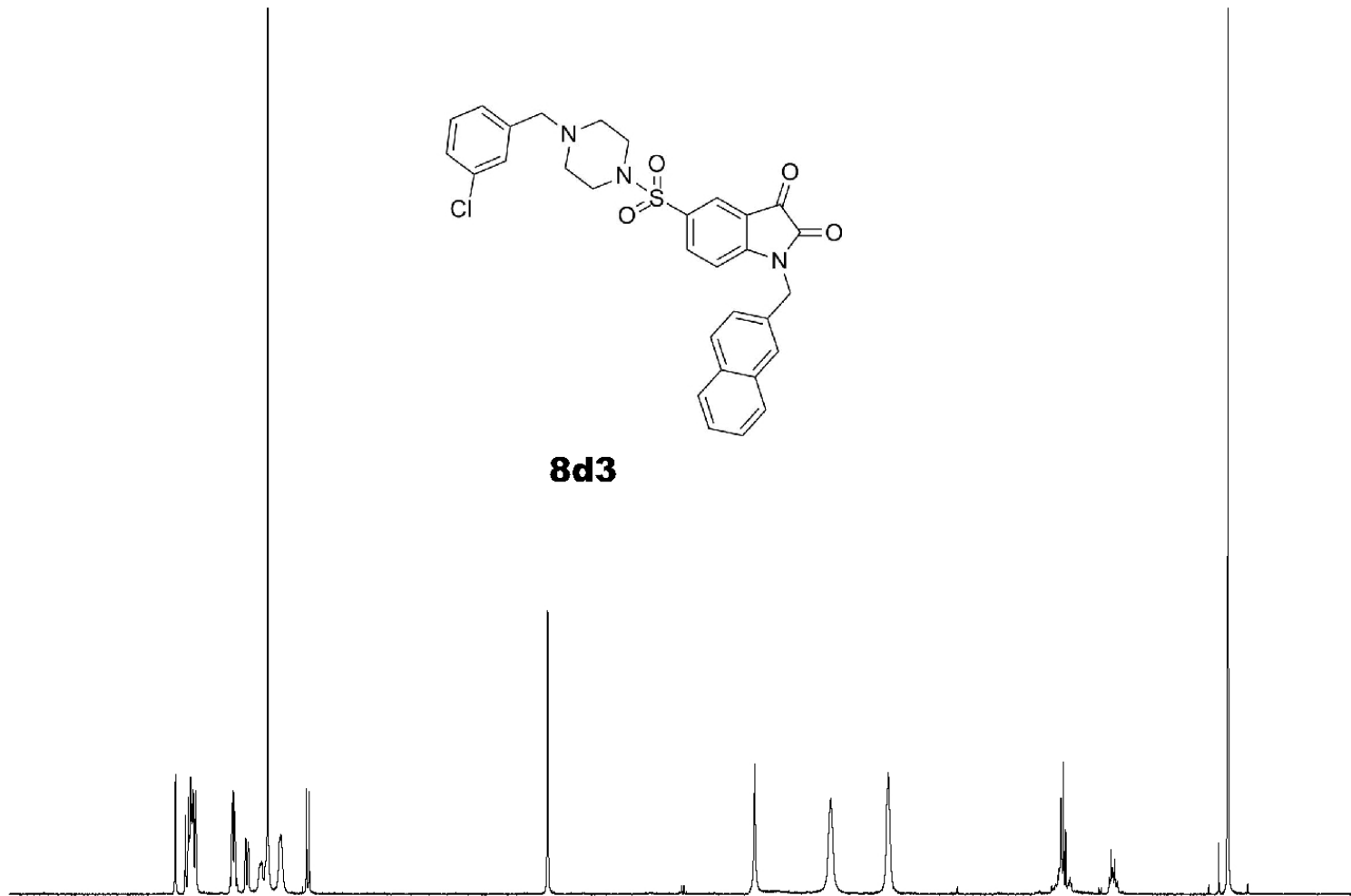
F2 - Acquisition Parameters
Date_ 20120629
Time 12.09
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8d3



9 8 7 6 5 4 3 2 1 0 ppm

5.19
1.77
1.00
1.16
1.62
0.91
1.74
1.79
3.24
3.19

S20120917-020

20120917

PROTON CDCl3 D:\nmr data ham

8.046
8.041
8.025
8.021
7.981
7.977
7.302
7.284
7.266
7.224
7.206
7.177
7.159
7.074
7.053

3.347
3.094
2.771
2.755
2.745
2.732
2.652
2.641
2.630
2.619

0.022

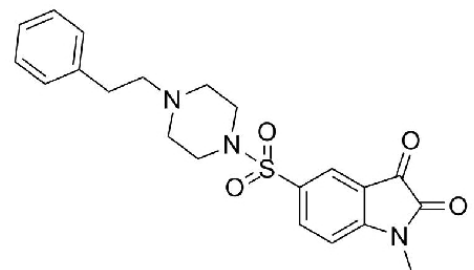


Current Data Parameters
NAME ZHM-BENYIJIA
EXPNO 10
PROCNO 1

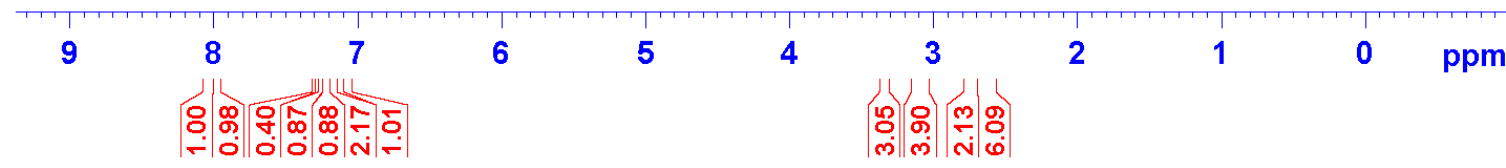
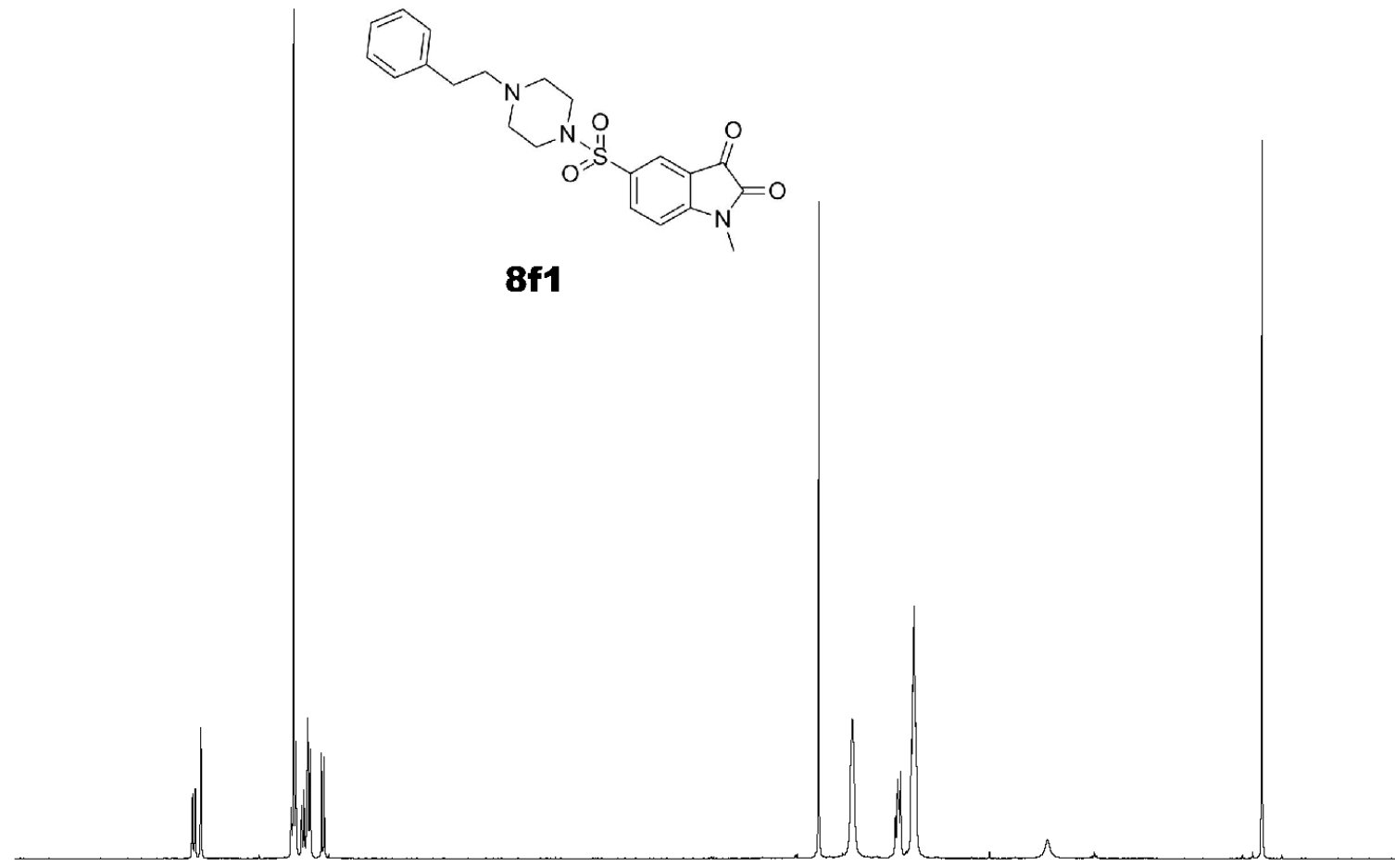
F2 - Acquisition Parameters
Date_ 20120917
Time 17.14
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8f1



S20120917-023

20120917

PROTON CDCl3 D:\nmr data ham

7.391
7.376
7.362
7.344
7.297
7.283
7.263
7.222
7.205
7.170
7.152
6.947
6.927

5.002

3.058
2.760
2.744
2.722
2.639
2.616

0.024

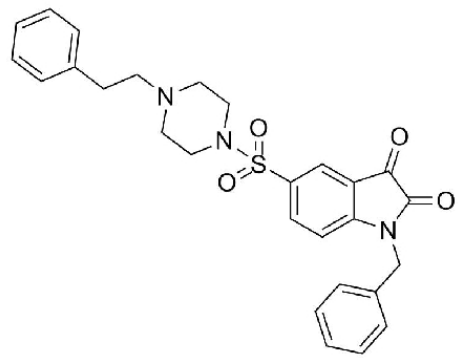


Current Data Parameters
NAME ZHM-YIBENBIAN
EXPNO 10
PROCNO 1

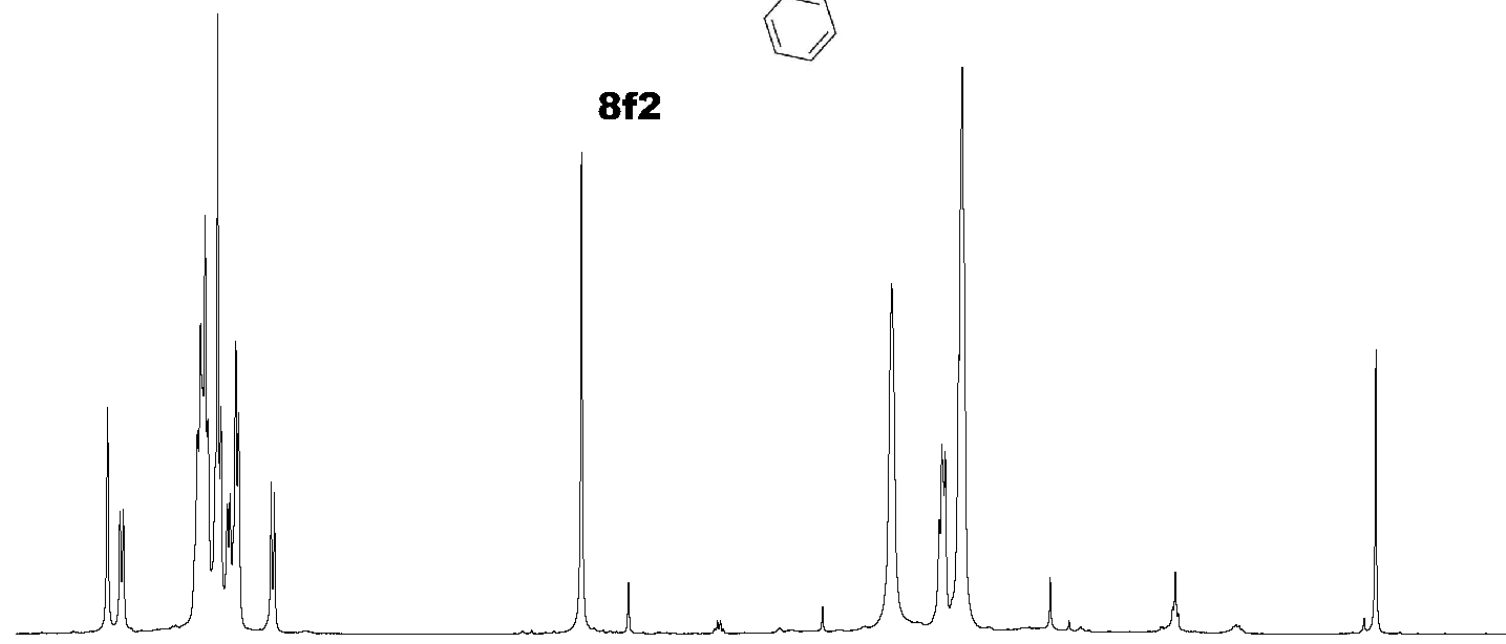
F2 - Acquisition Parameters
Date_ 20120917
Time 17.28
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 90.5
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8f2



8 7 6 5 4 3 2 1 0 ppm
1.00 1.02 5.63 3.61 3.31 1.00 1.98 4.11 2.33 6.19

S20120917-021

20120917

PROTON CDCl3 D:\nmr data ham

7.898
7.869
7.850
7.825
7.544
7.536
7.442
7.422
7.282
7.256
7.218
7.200
7.156
7.138
6.983
6.962
— 5.161

3.028
2.720
2.700
2.592

— 0.029

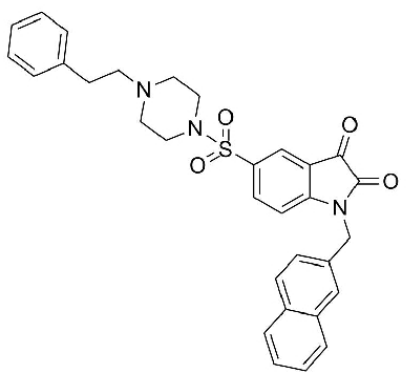


Current Data Parameters
NAME ZHM-BENYINAI
EXPNO 10
PROCNO 1

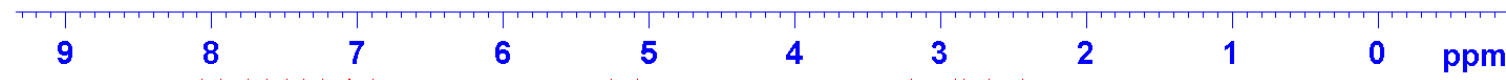
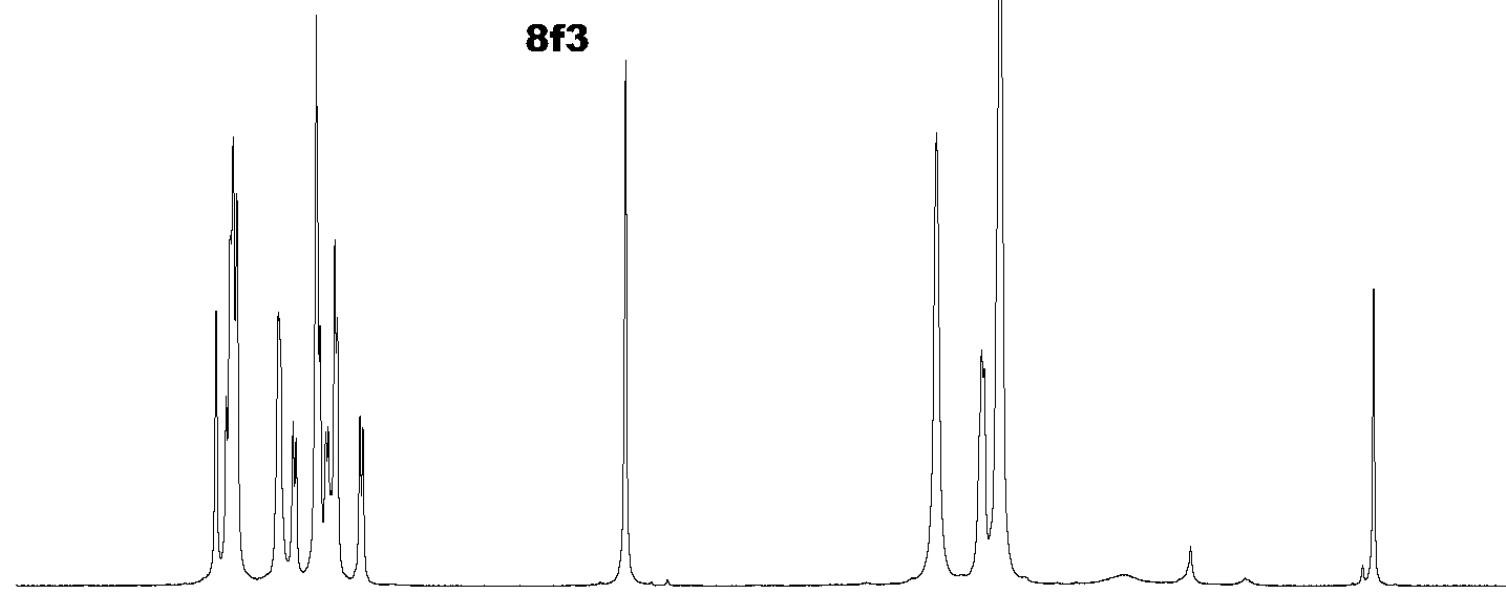
F2 - Acquisition Parameters
Date_ 20120917
Time 17.19
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 90.5
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8f3



1.03
4.87
1.99
1.10
3.15
2.96
1.00

1.88

3.86
2.16
5.74

S20130320-002

20130320

PROTON DMSO D:\nmr\data/ham

8.029
8.013
8.008
7.734
7.730
7.530
7.526
7.508
7.491
7.487
7.368
7.347
6.820
6.799
6.648
6.635
6.631
6.618

3.622
3.612
3.600
3.325
3.173
3.130
2.996
2.985
2.974
2.893
2.505

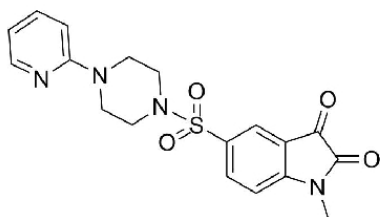


Current Data Parameters
NAME ZHM-BIJIA
EXPNO 10
PROCNO 1

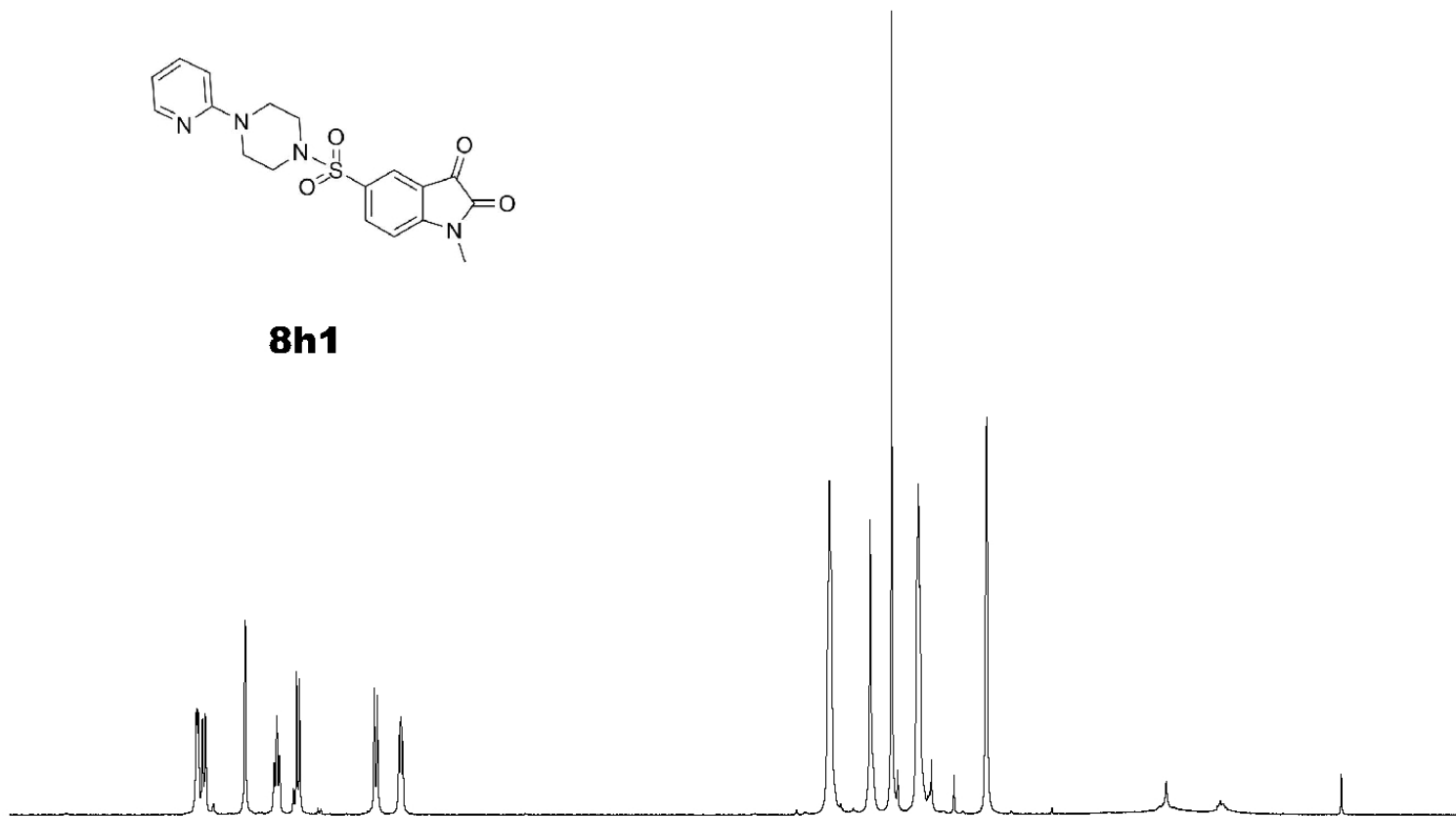
F2 - Acquisition Parameters
Date_ 20130320
Time_ 11.03
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.1 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8h1



0.95
0.91
0.98
1.00
0.87
1.00
1.00

3.85
2.67
3.87

9 8 7 6 5 4 3 2 1 0 ppm

S20130122-010

20130122

PROTON CDC13 D:\nmr data ham

7.918
7.901
7.897
7.492
7.396
7.392
7.388
7.384
7.374
7.362
7.352
7.333
7.284
6.952
6.931
6.669
6.664
6.625
6.603
4.988

3.680
3.668
3.655
3.124
2.979
2.905

1.275

0.021

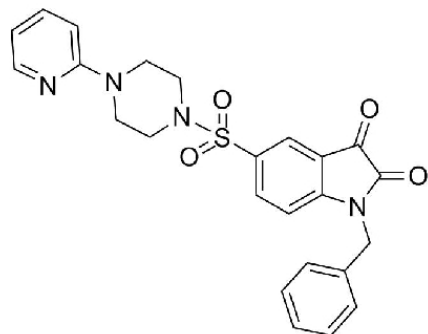


Current Data Parameters
NAME ZHM-BIBIAN
EXPNO 10
PROCNO 1

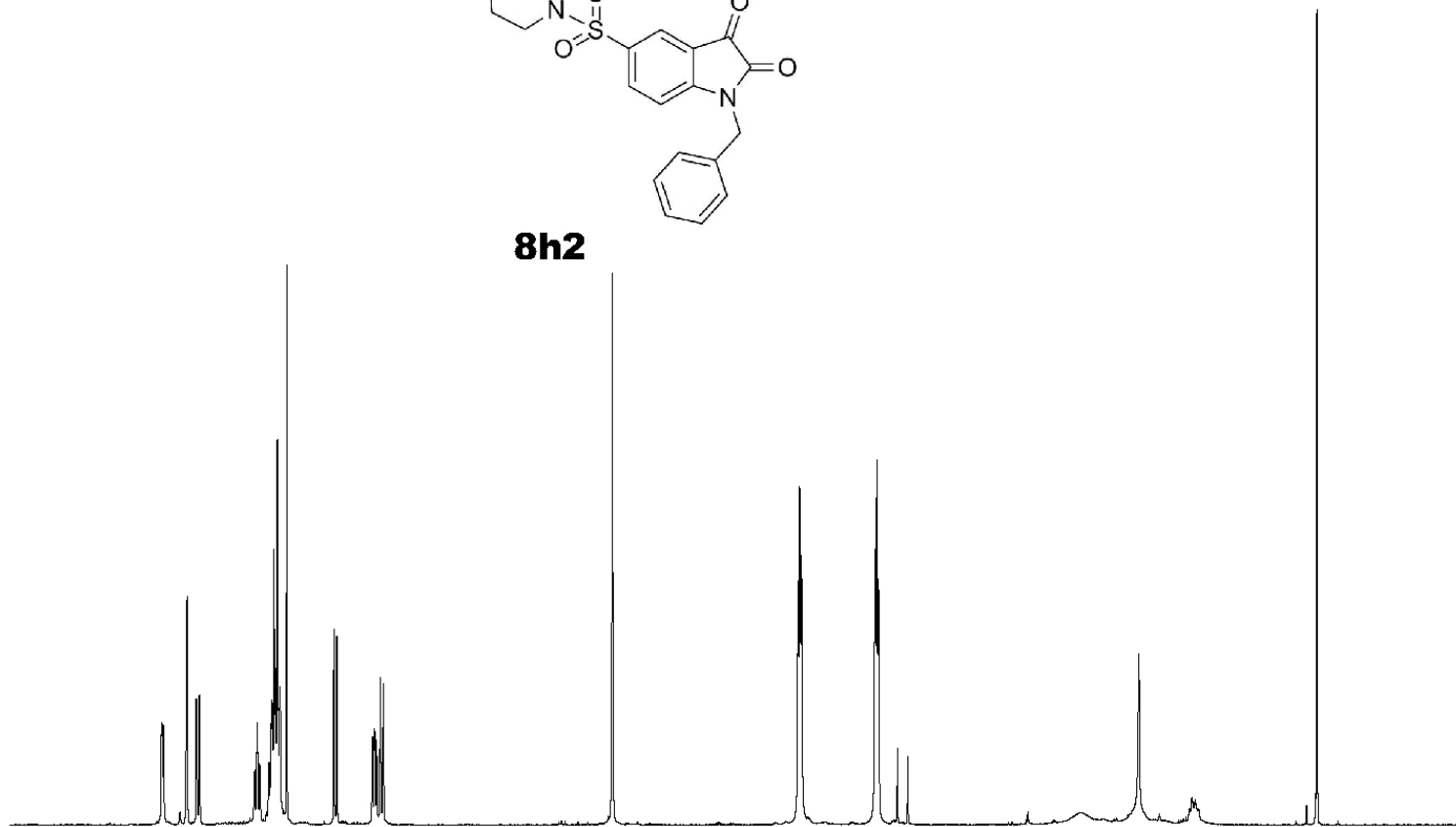
F2 - Acquisition Parameters
Date_ 20130122
Time 19.45
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 296.4 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDB EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8h2



9 8 7 6 5 4 3 2 1 0 ppm

1.00
0.90
0.94
1.10
5.13
0.93
1.03
0.98
1.91
3.90
3.89

S20130320-003

20130320

PROTON DMSO D:\nmr data ham

7.879
7.838
7.829
7.815
7.797
7.576
7.555
7.518
7.508
7.497
7.485
7.199
7.178
7.165
6.793
6.771
6.645
6.632
6.628
6.615
5.121
3.578
3.567
3.332
3.309
2.973
2.962
2.505
2.301

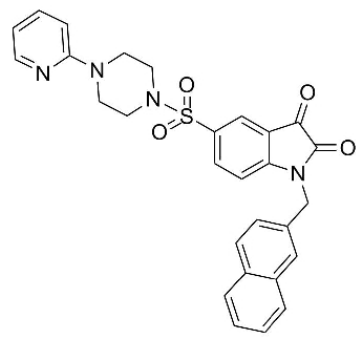


Current Data Parameters
NAME ZHM-BIBIAN
EXPNO 10
PROCNO 1

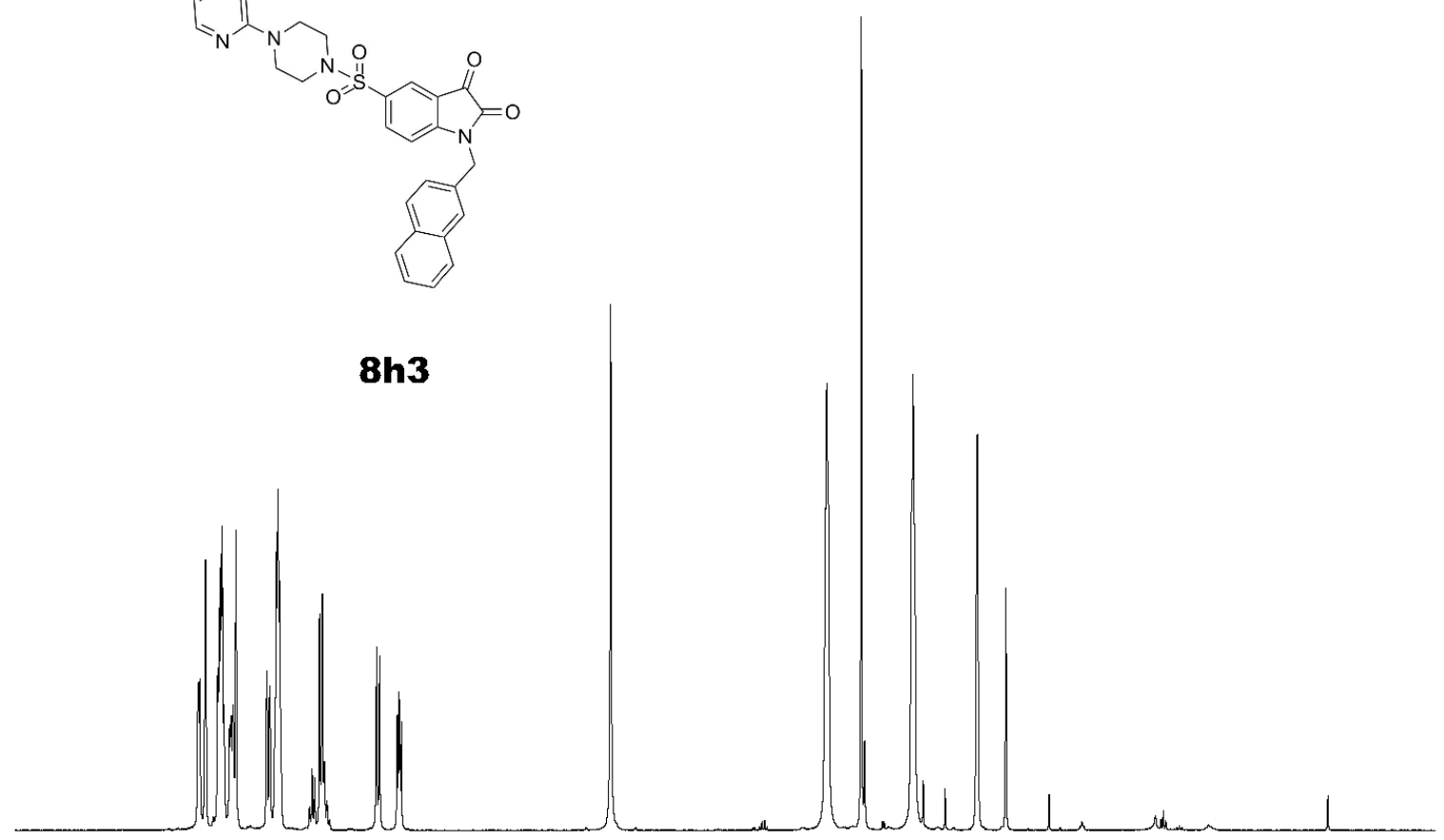
F2 - Acquisition Parameters
Date_ 20130320
Time 11.07
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 144
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.0000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8h3



9 8 7 6 5 4 3 2 1 0 ppm

1.00
1.03
3.03
2.04
1.02
2.99
1.91
1.00
1.00
1.97
4.02
3.97
0.60

S20120618-050

20120618

PROTON CDCl3 D:\nmr data ham

7.985
7.981
7.923
7.918
7.902
7.897
7.406
7.393
7.377
7.366
7.359
7.283
6.954
6.933

4.998

3.021
3.007
2.994
1.680
1.666
1.652
1.638
1.582
1.473
1.459
1.444

0.030
0.022

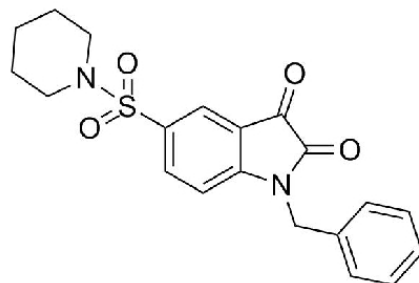


Current Data Parameters
NAME ZHM-PAINAI
EXPNO 10
PROCNO 1

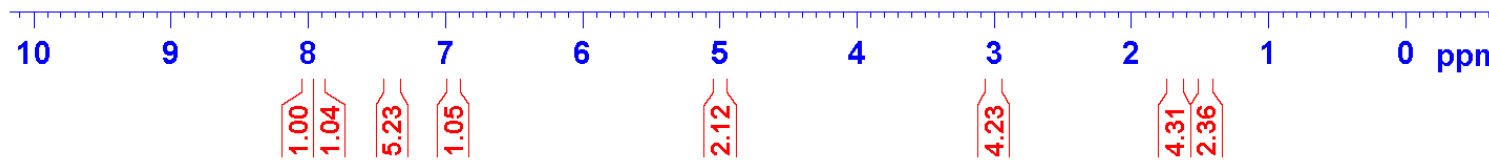
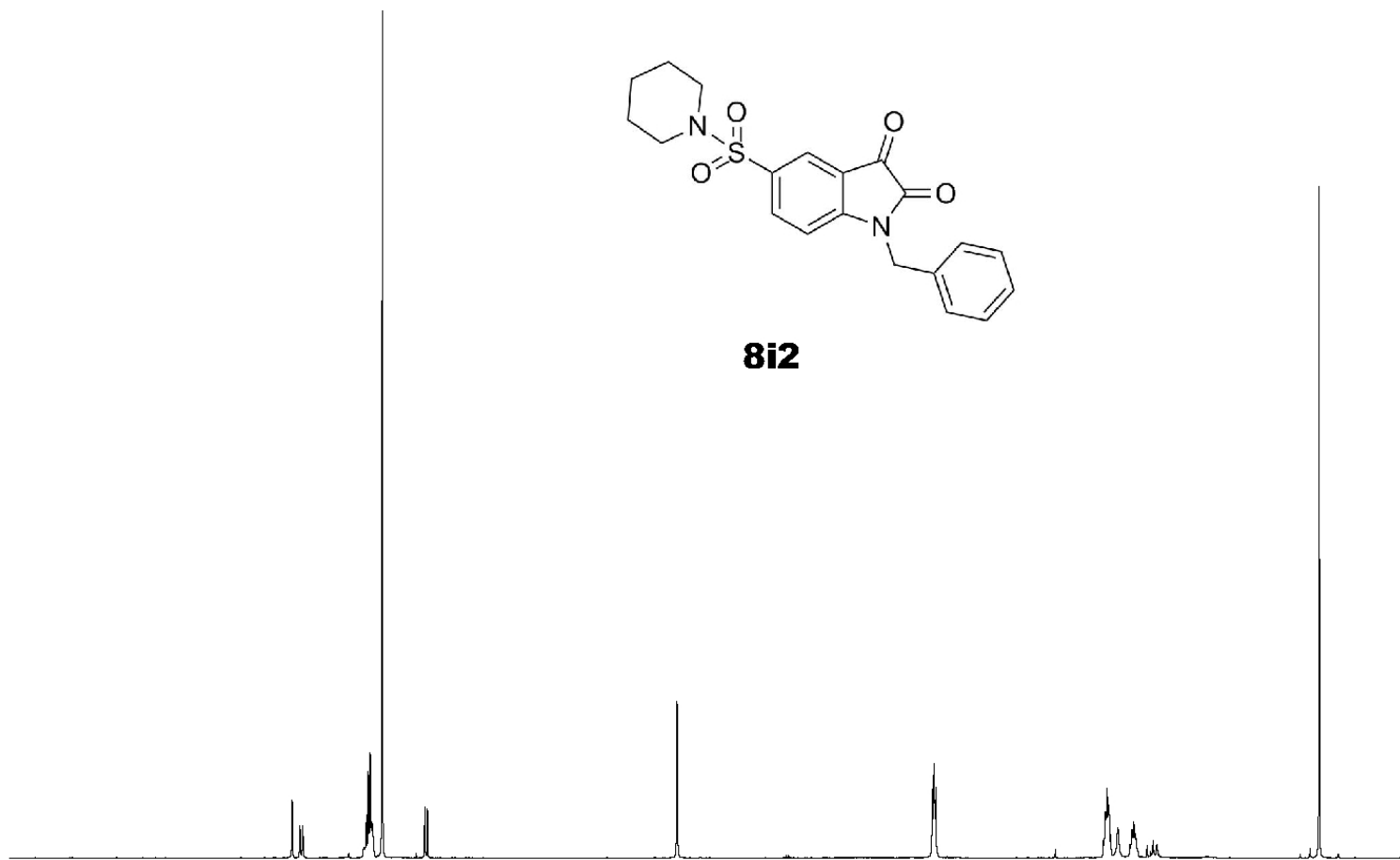
F2 - Acquisition Parameters
Date_ 20120618
Time 10.59
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8i2

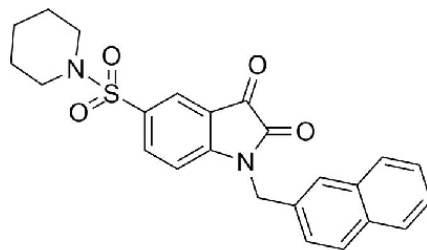


S20120618-049

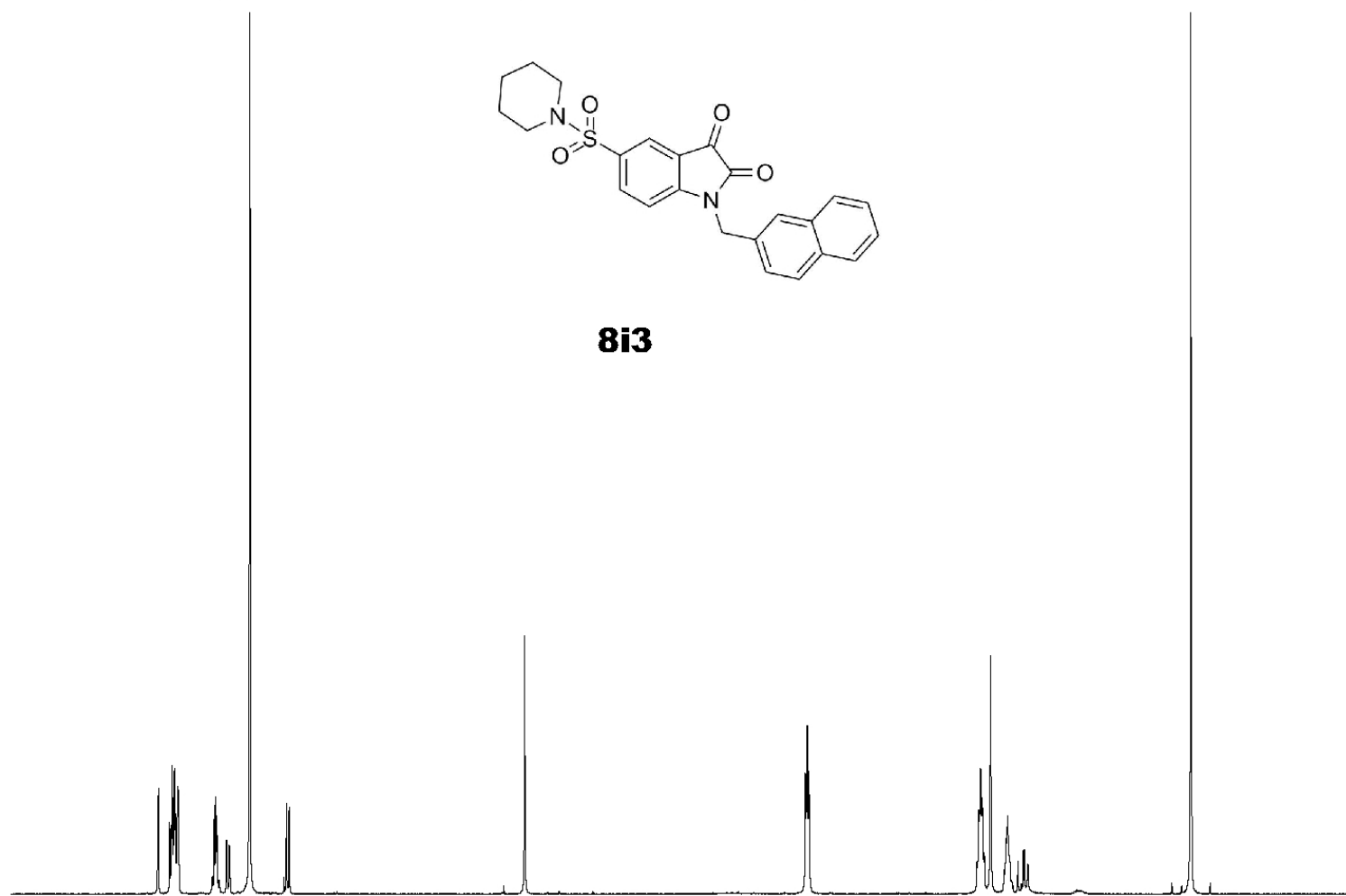
20120618

PROTON CDCl3 D:\nmr data ham

7.881 7.869 7.865 7.857 7.839 7.560 7.556 7.547 7.537 7.463 7.459 7.442 7.438 7.283 7.000 6.979 5.163 2.996 2.983 2.969 1.659 1.645 1.631 1.567 1.446 1.438 1.435 0.031 0.023



8i3



0.96 5.00 2.06 1.00 0.99 1.99 3.96 4.02 2.32



Current Data Parameters
NAME ZHM-PAIBIAN2
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120618
Time 10.54
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

S20111026-005

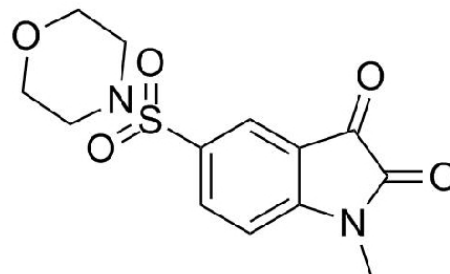
1H CDCL3

20111026

8.052
8.048
8.031
8.028
7.986
7.982
7.285
7.267
7.098
7.078

3.795
3.783
3.772
3.358
3.341
3.060
3.049
3.037

0.092



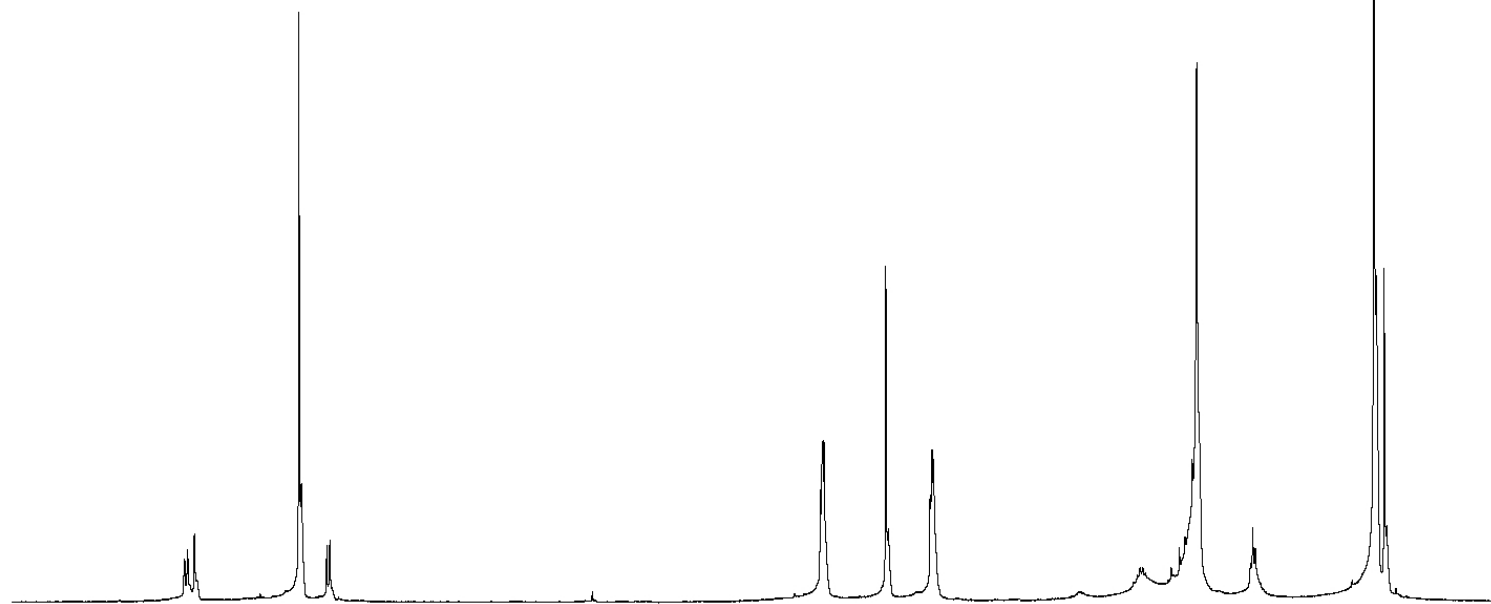
8j1

Current Data Parameters
NAME ZHM-MALINJIAJI
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20111026
Time 16.42
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCL3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 299.3 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.68 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



9 8 7 6 5 4 3 2 1 0 ppm

1.04
0.90

1.08

4.29

3.00

4.08

S20120525-014

20120525

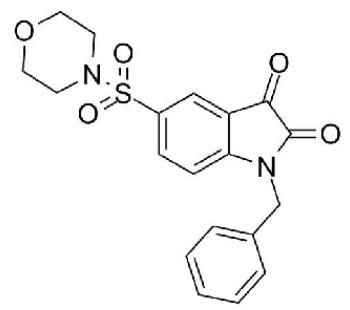
PROTON CDC13 D:\nmr data ham

7.987
7.914
7.893
7.740
7.726
7.562
7.553
7.547
7.413
7.409
7.396
7.384
7.372
7.352
7.284
6.975
6.954

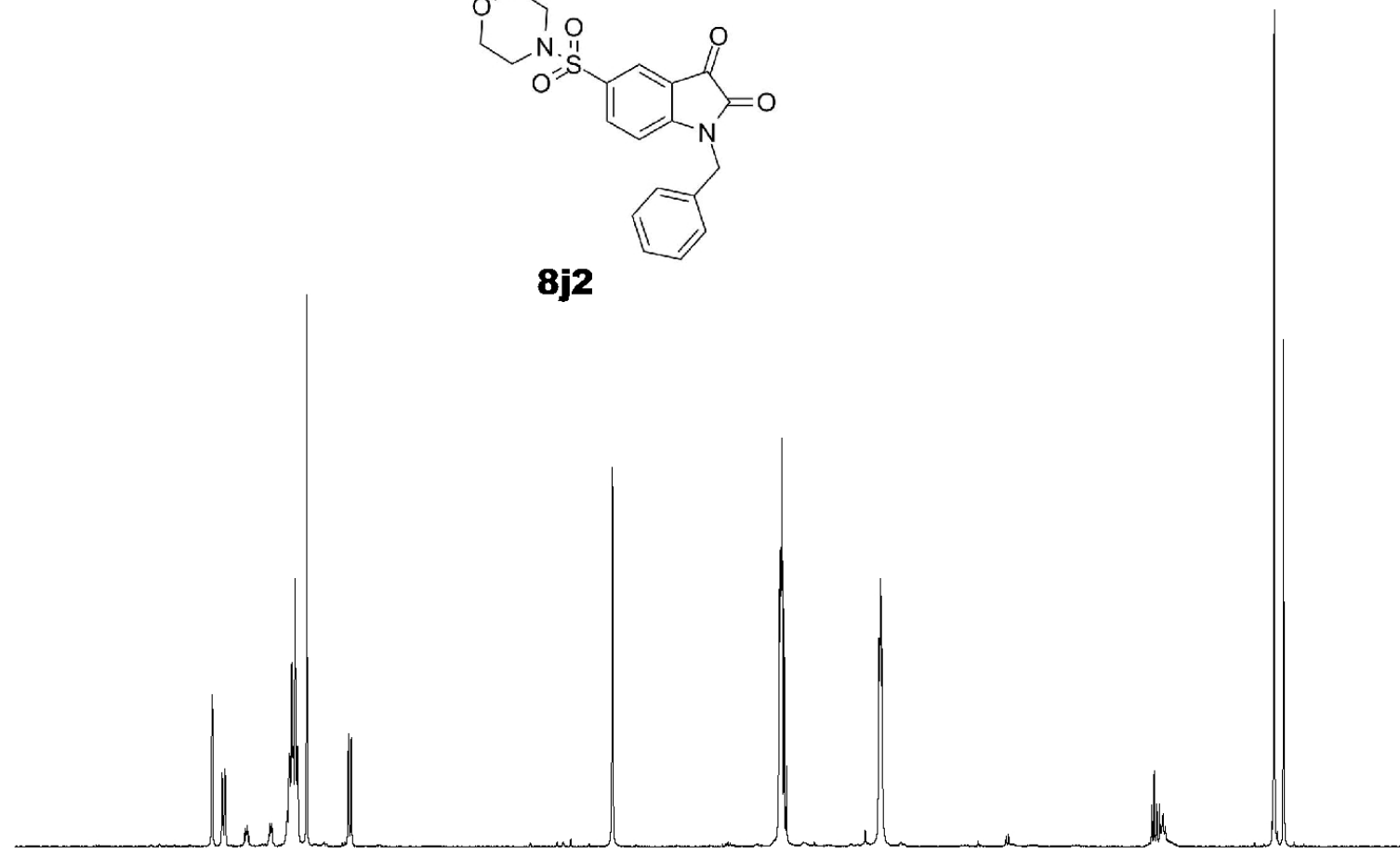
5.012

3.772
3.761
3.752
3.735
3.717
3.030
3.018
3.007

0.092
0.021



8j2



1.00
1.00
0.31
0.36
5.32
1.03

2.01

6.63

4.25

Current Data Parameters
NAME ZHM-MABIAN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120525
Time 11.38
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

9 8 7 6 5 4 3 2 1 0 ppm

S20120531-008

20120531

PROTON CDC13 D:\nmr data ham

7.985
7.903
7.881
7.865
7.854
7.833
7.554
7.545
7.535
7.451
7.430
7.284
7.016
6.996

5.174

3.737

2.990

0.095
0.024

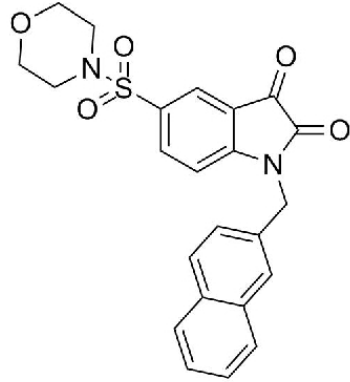


Current Data Parameters
NAME ZHM-MANAI
EXPNO 10
PROCNO 1

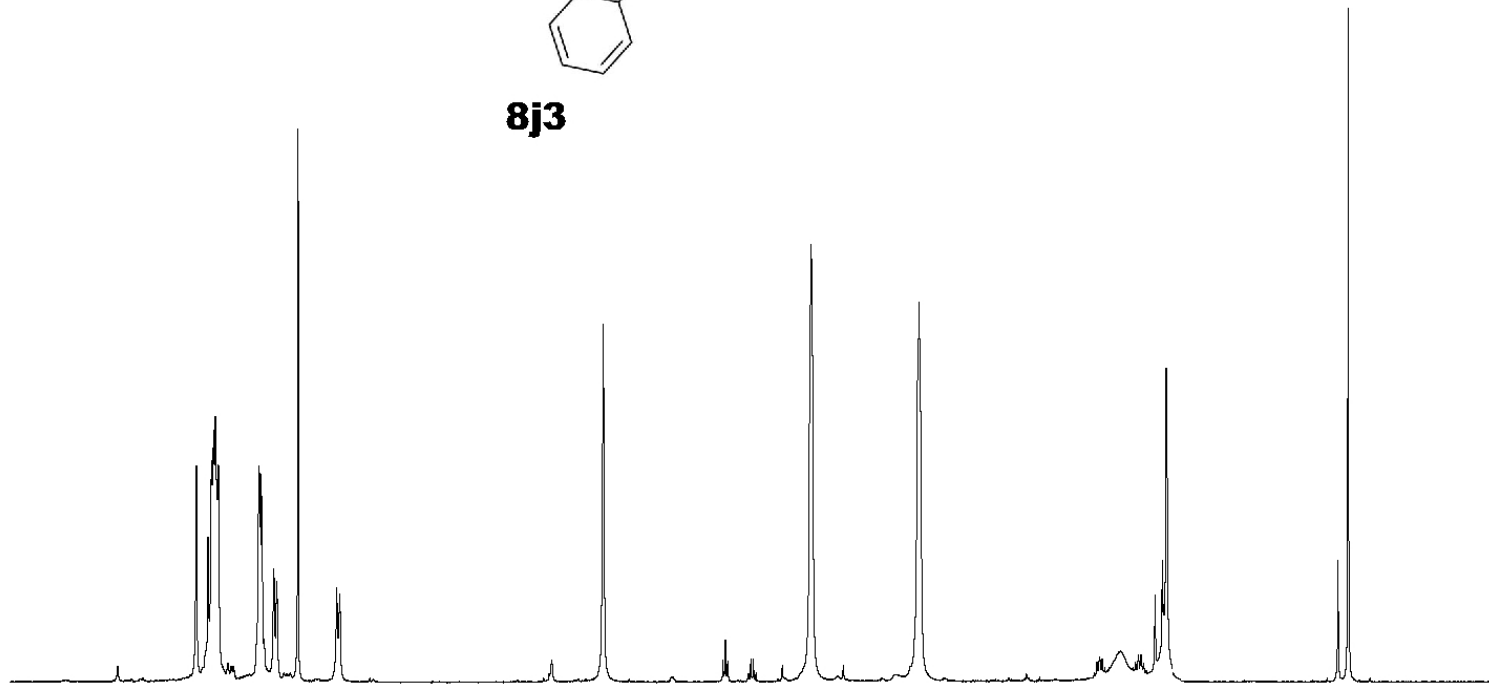
F2 - Acquisition Parameters
Date_ 20120531
Time 12.49
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8j3



9 8 7 6 5 4 3 2 1 0 ppm

1.15
6.05
2.64
1.18
1.00

2.03

4.93

4.81

S20120903-005

20120903

PROTON CDCl3 D:\nmr data ham

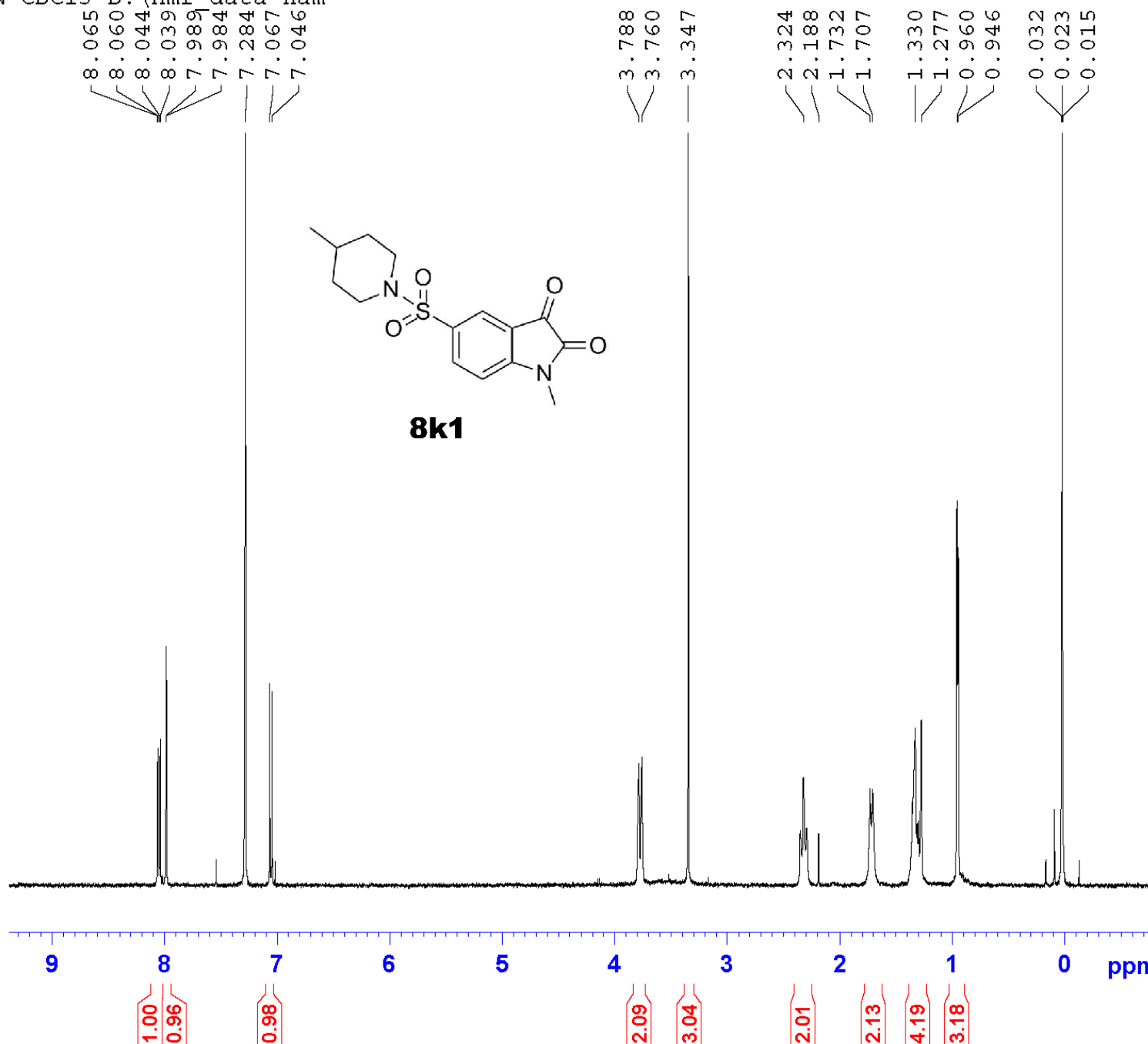


Current Data Parameters
NAME ZHM-4JIA
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120903
Time 10.51
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



S20120605-030

20120605

PROTON CDC13 D:\nmr data ham

7.972
7.968
7.912
7.908
7.891
7.887
7.401
7.386
7.373
7.365
7.360
7.356
7.284
6.955
6.934

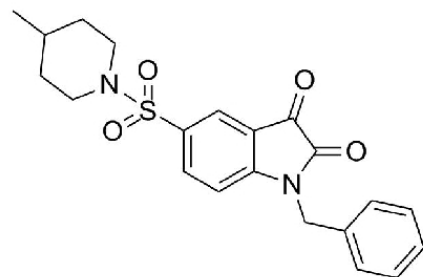
— 4.996

< 3.742
< 3.714

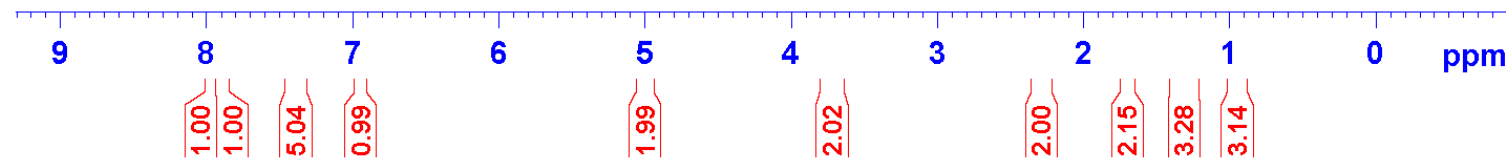
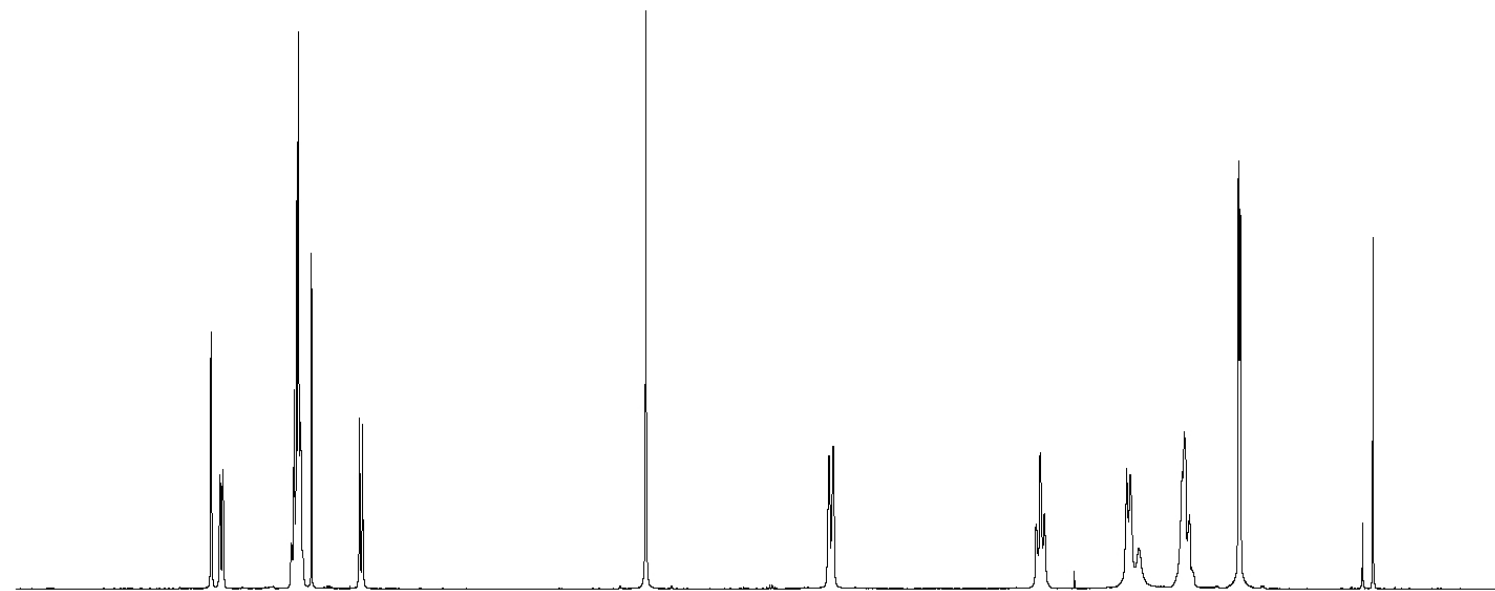
— 2.297

< 1.705
< 1.680
< 1.311
< 1.304
< 0.941
< 0.927

— 0.020



8k2



Current Data Parameters
NAME ZHM-4JIABIAN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120606
Time 0.30
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 144
DW 60.800 usec
DE 6.50 usec
TE 298.6 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

S20120531-009

20120531

PROTON CDC13 D:\nmr data ham

7.892
7.887
7.880
7.871
7.866
7.857
7.835
7.560
7.556
7.547
7.537
7.462
7.458
7.284
6.999
6.978

5.164

3.729
3.701

2.273
2.069
1.686
1.662
1.301
1.291
1.284
0.925
0.912

0.032
0.024

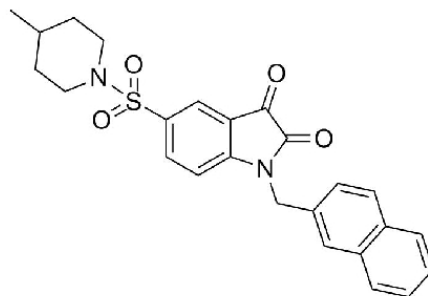


Current Data Parameters
NAME ZHM-4JIANAI
EXPNO 10
PROCNO 1

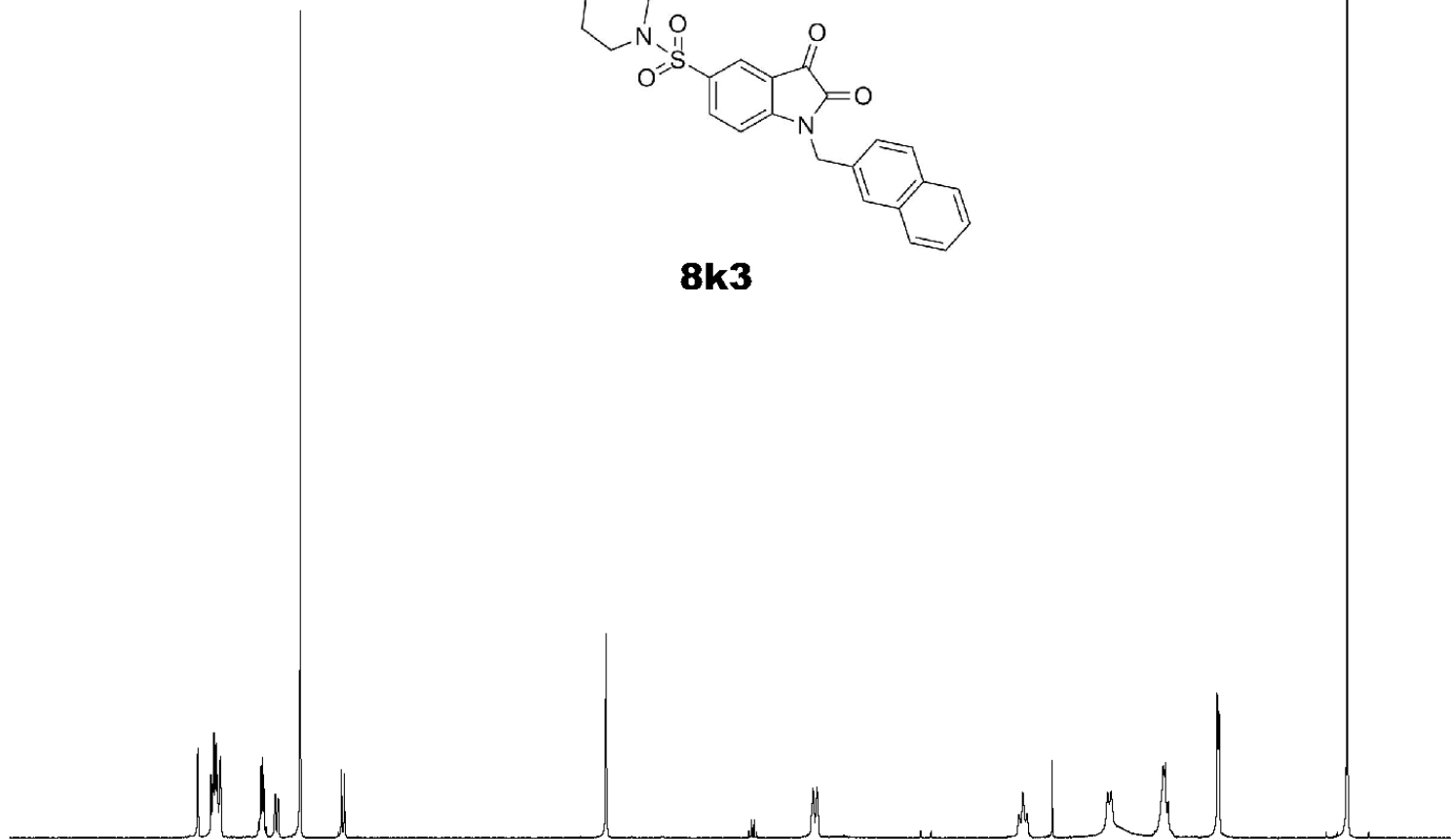
F2 - Acquisition Parameters
Date_ 20120531
Time 12.54
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8k3



9 8 7 6 5 4 3 2 1 0 ppm

1.00
4.95
2.02
0.99
0.98
1.94
2.10
2.02
2.76
3.71
3.02

S20120906-096

20120906

PROTON CDCl3 D:\nmr data ham

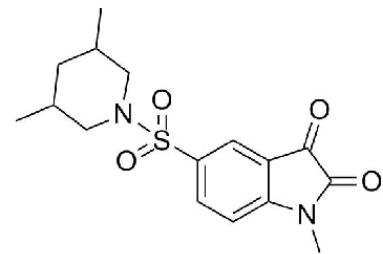


Current Data Parameters
NAME ZHM-3.5-ERJIAJIA
EXPNO 10
PROCNO 1

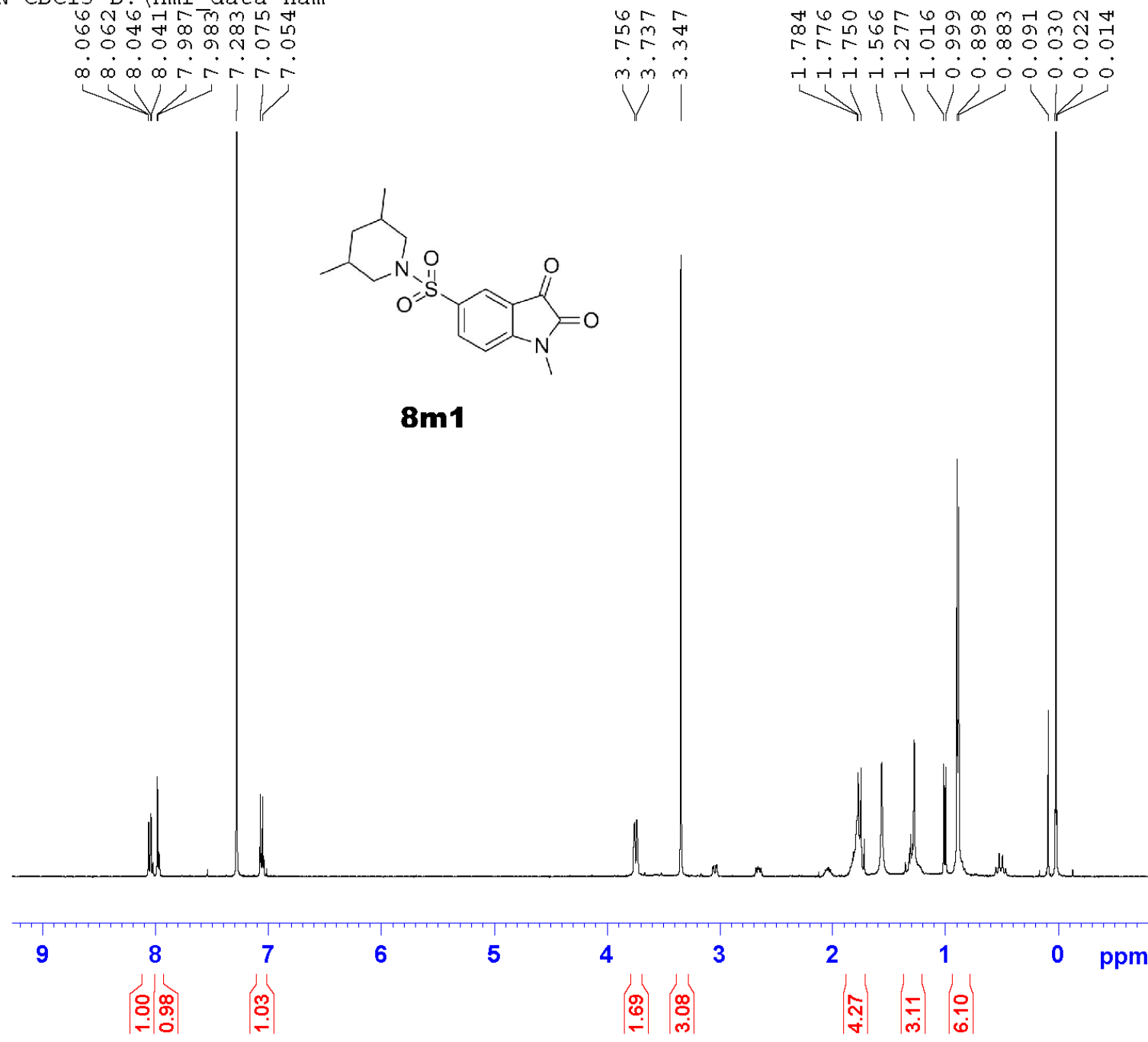
F2 - Acquisition Parameters
Date_ 20120906
Time 12.45
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8m1



S20120906-090

20120906

PROTON CDC13 D:\nmr data ham

7.991
7.987
7.931
7.927
7.911
7.906
7.412
7.399
7.382
7.373
7.364
7.283
6.963
6.942

4.998

3.723
3.705

1.767
1.741
1.571
1.277
0.883
0.868
0.092
0.031
0.023
0.015

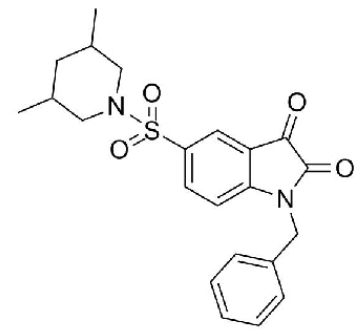


Current Data Parameters
NAME ZHM-3.5-ERJIABIAN
EXPNO 10
PROCNO 1

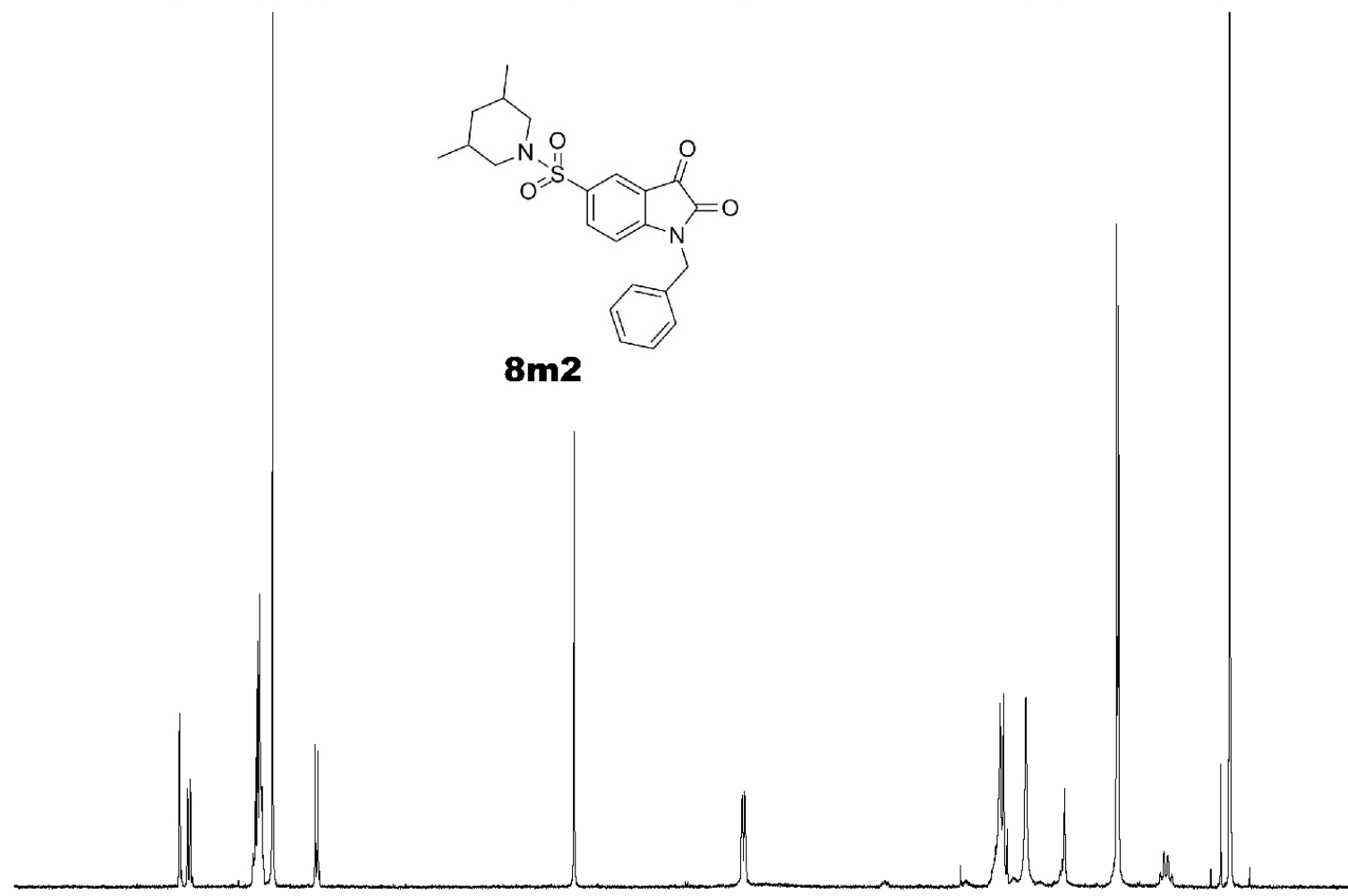
F2 - Acquisition Parameters
Date_ 20120906
Time 12.19
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.00000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8m2



9 8 7 6 5 4 3 2 1 0 ppm

1.00
1.02
5.14
1.03
2.08
1.99
4.78
6.03

S20121126-011

20121126

PROTON CDC13 D:\nmr data ham

7.894
7.886
7.873
7.869
7.862
7.845
7.560
7.551
7.542
7.469
7.465
7.447
7.444
7.284
7.009
6.988

— 5.163

3.701
3.682

1.743
1.717
1.689
1.277
0.981
0.964
0.862
0.847
0.498
0.470
0.024

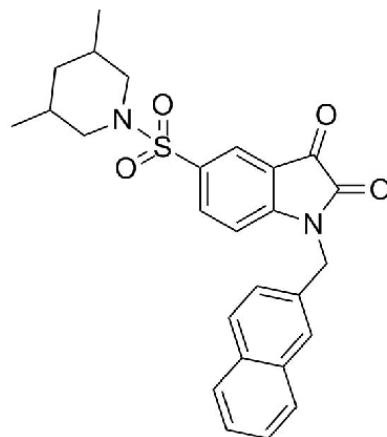


Current Data Parameters
NAME ZHM-3.5ERJIANAI
EXPNO 10
PROCNO 1

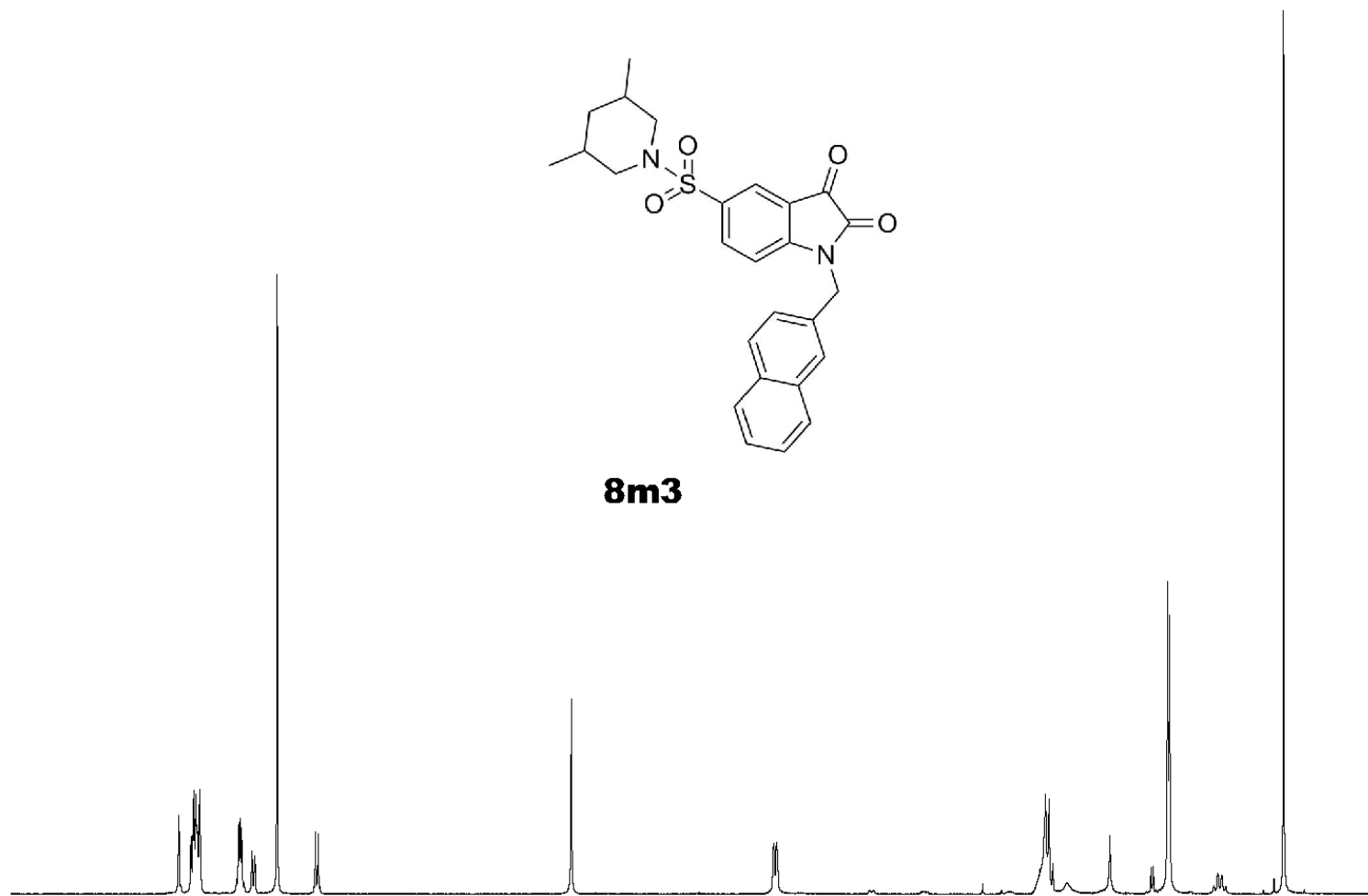
F2 - Acquisition Parameters
Date_ 20121126
Time 11.57
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9846387 sec
RG 203
DW 60.800 usec
DE 6.50 usec
TE 298.0 K
D1 1.0000000 sec

==== CHANNEL f1 =====
NUC1 1H
P1 14.50 usec
PLW1 12.85299969 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



8m3



9 8 7 6 5 4 3 2 1 0 ppm

1.02
4.87
1.96
1.00
1.00

1.94

1.87

4.57

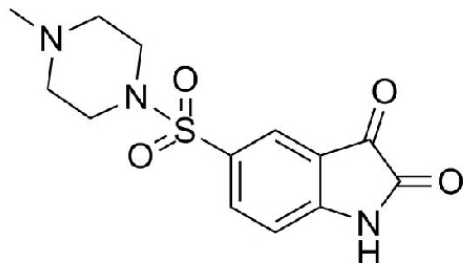
5.62

S20121115-042

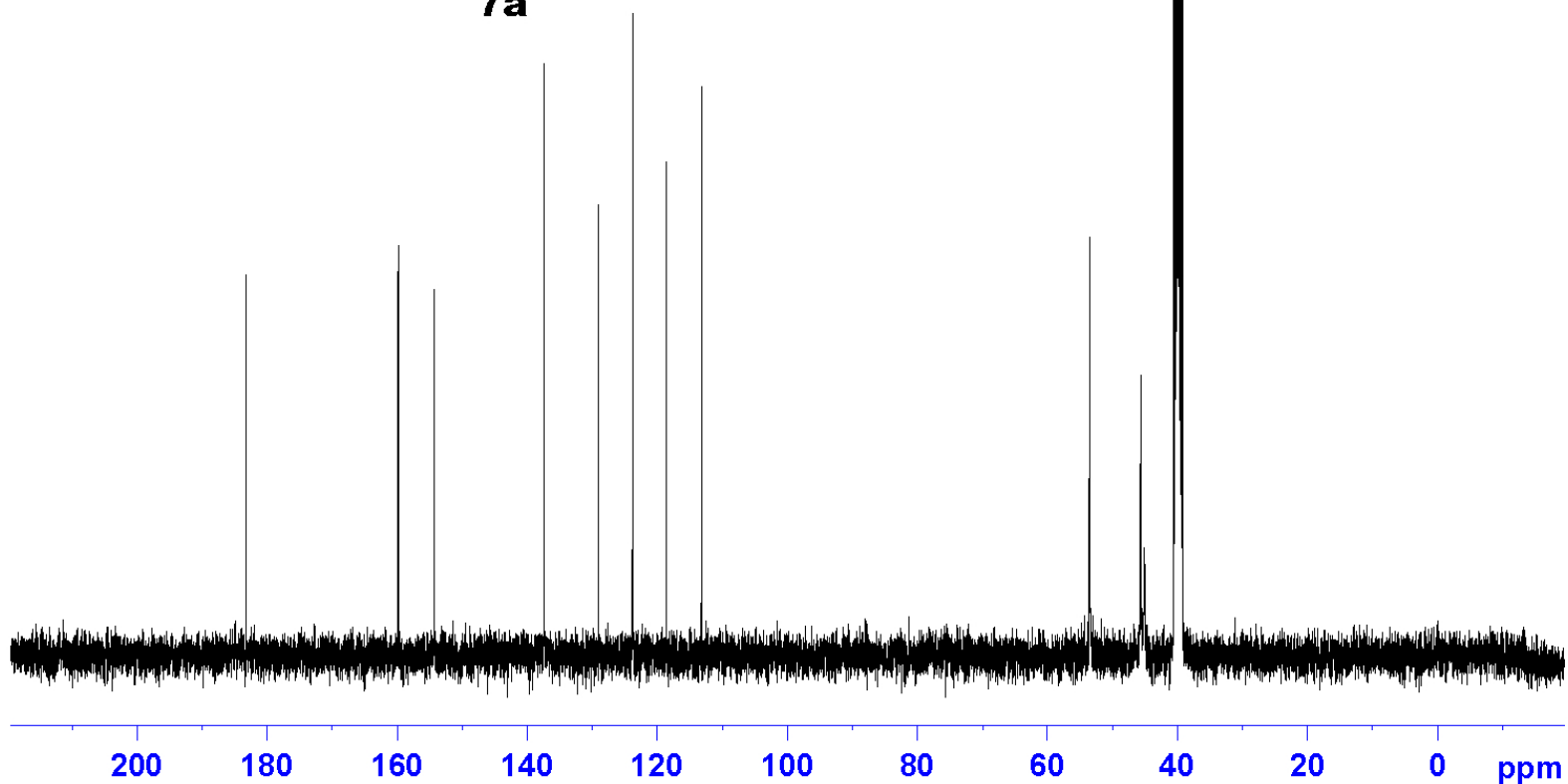
20121115

C13CPD DMSO D:\nmr_data ham

— 183.33
— 159.93
— 154.34
— 137.48
— 129.17
— 123.85
— 118.68
— 113.24



7a



53.59
45.75
45.16
40.61
40.40
40.20
39.99
39.78
39.57
39.36



Current Data Parameters
NAME ZHM-NJIAPAI
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121115
Time 17.25
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.1 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

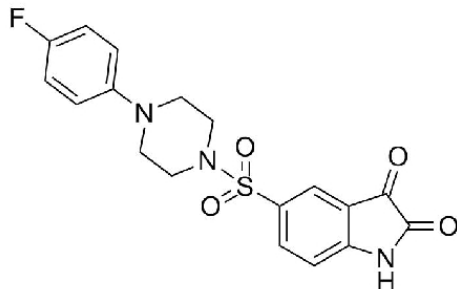
F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20130122-017
13C DMSO
20130129

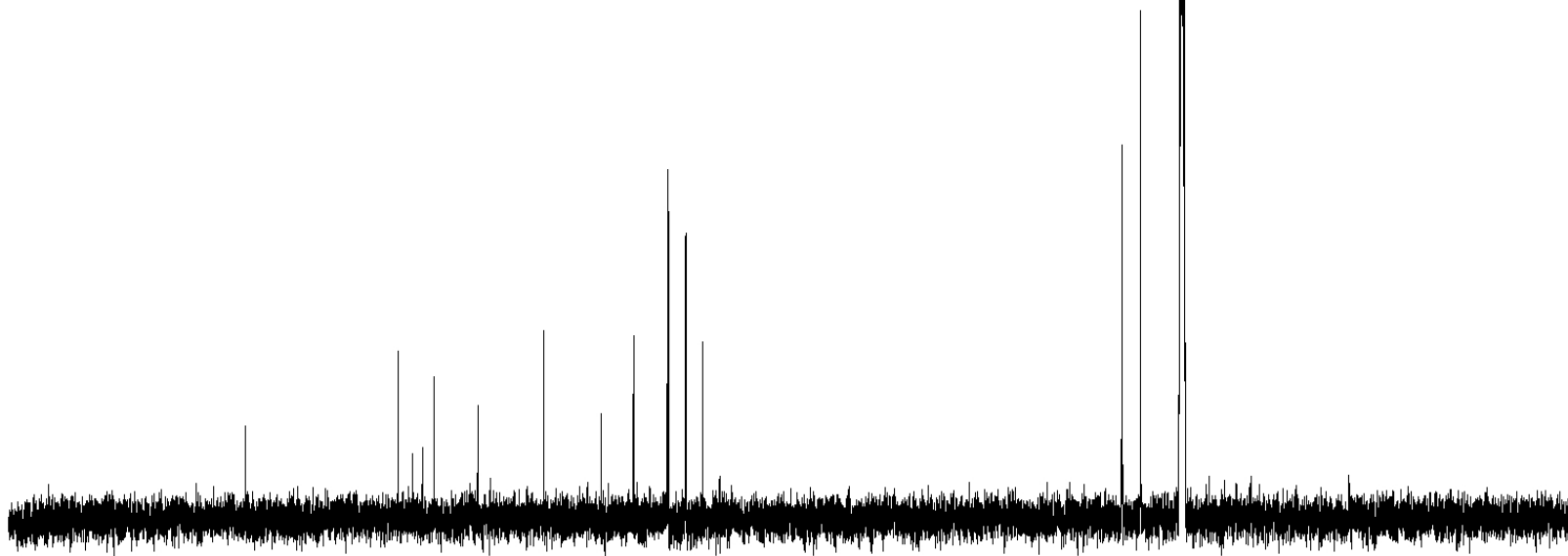


183.33
159.96
157.72
156.15
154.38
147.73
137.57
128.86
123.89
118.79
118.64
118.58
118.53
115.92
115.78
113.27

49.24
49.14
46.34
40.53
40.41
40.27
40.13
39.99
39.85
39.72
39.58



7b



Current Data Parameters
NAME ZHM-4FBen
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130129
Time 12.39
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 36057.691 Hz
FIDRES 0.550197 Hz
AQ 0.9088159 sec
RG 203
DW 13.867 usec
DE 6.50 usec
TE 296.6 K
D1 2.0000000 sec
D11 0.0300000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 15.08 usec
PLW1 100.0000000 W
SFO1 150.9430456 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 70.00 usec
PLW2 17.78300095 W
PLW12 0.65262997 W
PLW13 0.65262997 W
SFO2 600.2324009 MHz

F2 - Processing parameters
SI 32768
SF 150.9279540 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

200 180 160 140 120 100 80 60 40 20 0 ppm

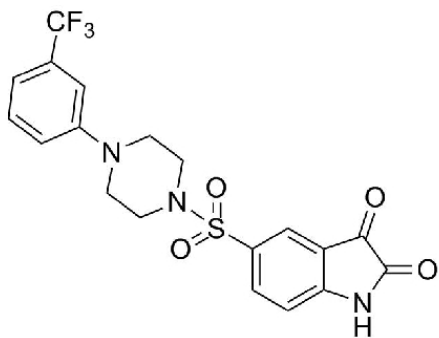
S20130408-007

20130410

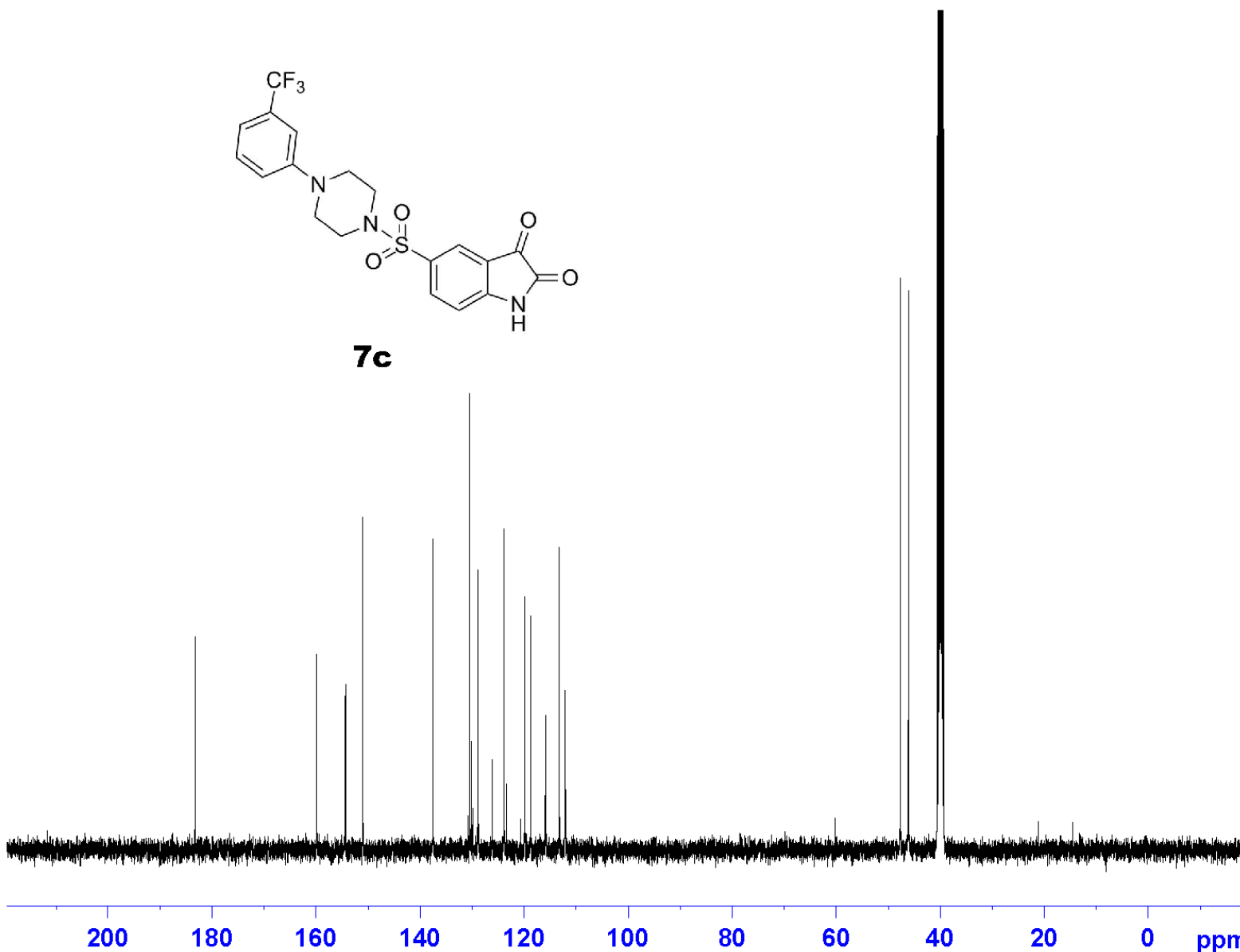
C13CPD DMSO D:\nmr_data ham

183.31
159.92
154.38
151.04
137.56
130.84
130.52
130.22
129.91
128.91
126.13
123.88
123.42
120.71
119.88
118.76
115.89
115.85
113.27
112.17
112.13

60.21
47.70
46.13
40.61
40.40
40.19
39.99
39.78
39.57
39.36
21.21
14.54



7c



Current Data Parameters
NAME ZHM-3F
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130410
Time 18.58
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.6 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20130114-016

20130114

C13CPD DMSO D:\nmr_data ham

183.33

159.95

154.29

137.50

135.60

133.74

131.23

130.77

129.74

129.21

128.94

128.85

127.46

123.86

118.73

113.22

58.48

51.93

46.48

40.62

40.41

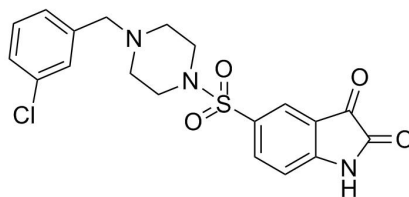
40.21

40.00

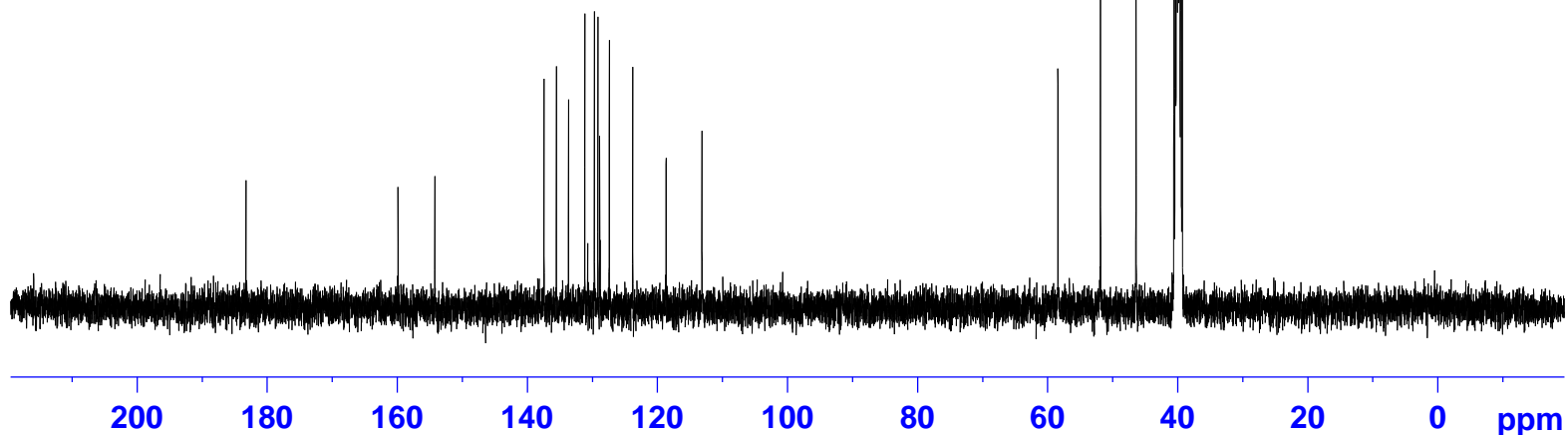
39.79

39.58

39.37



7d



Current Data Parameters
NAME ZHM-3CLBIAN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130114
Time 20.23
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.0 K
D1 2.0000000 sec
D11 0.0300000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

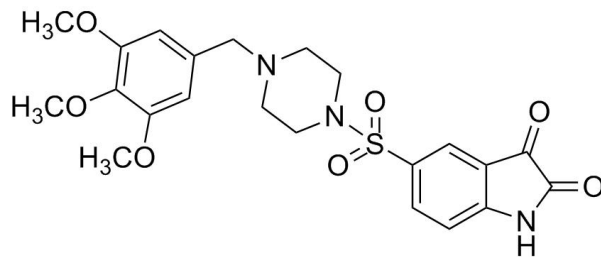
F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20120309-007
13C DMSO
20120309

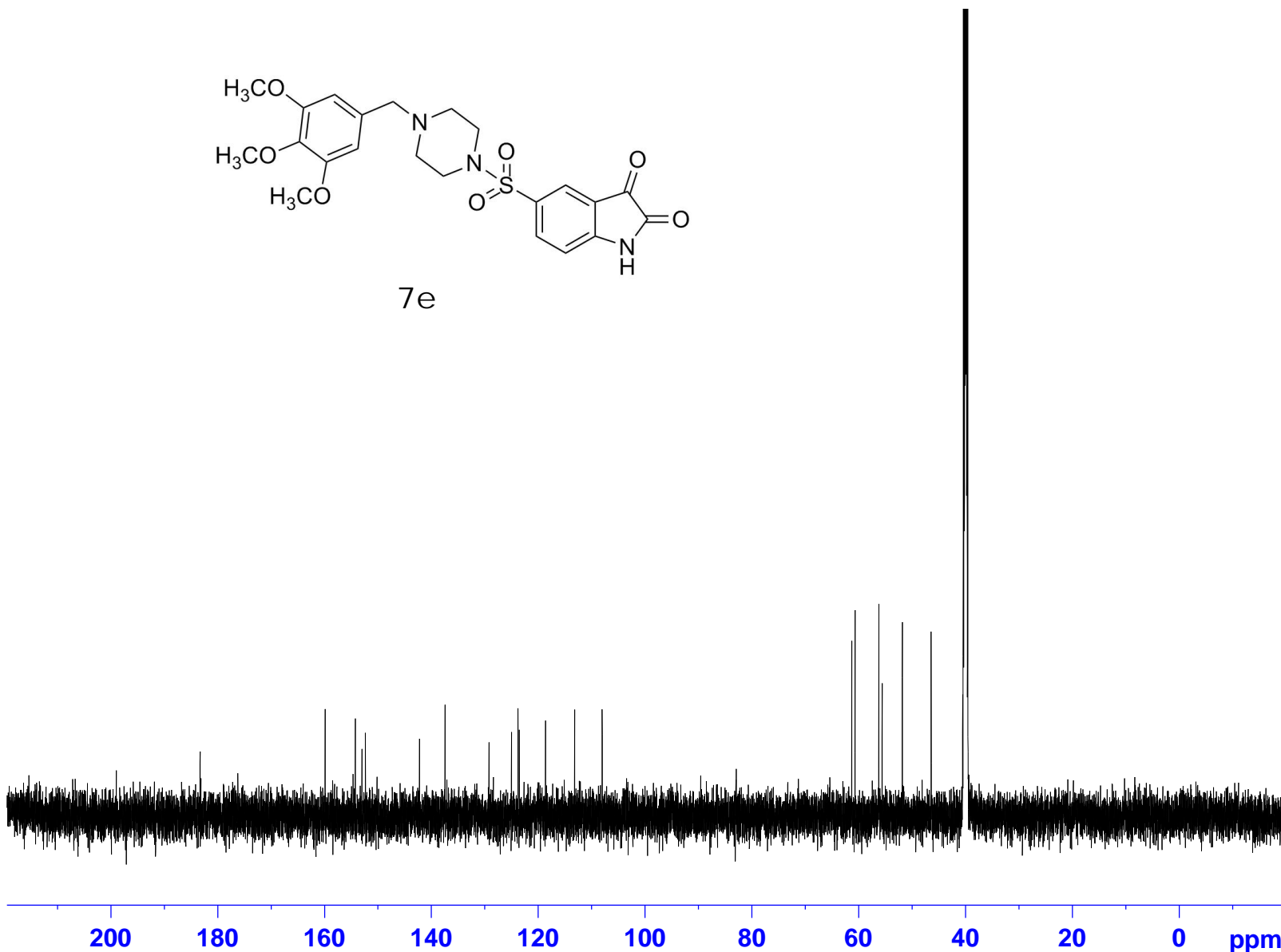


— 183.36
— 159.94
— 154.27
— 153.05
— 152.40
— 142.28
— 137.48
— 129.26
— 125.05
— 123.83
— 123.59
— 118.70
— 113.22
— 108.08

61.35
60.74
56.28
55.67
51.88
46.50
40.59
40.47
40.33
40.19
40.05
39.91
39.78
39.64



7e



Current Data Parameters
NAME ZHM-3DCH3
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120309
Time 11.05
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 36057.691 Hz
FIDRES 0.550197 Hz
AQ 0.9088159 sec
RG 203
DW 13.867 usec
DE 6.50 usec
TE 303.0 K
D1 2.0000000 sec
D11 0.0300000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 14.68 usec
PLW1 100.0000000 W
SFO1 150.9430456 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 70.00 usec
PLW2 17.78300095 W
PLW12 0.64582998 W
PLW13 0.64582998 W
SFO2 600.2324009 MHz

F2 - Processing parameters
SI 32768
SF 150.9279540 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

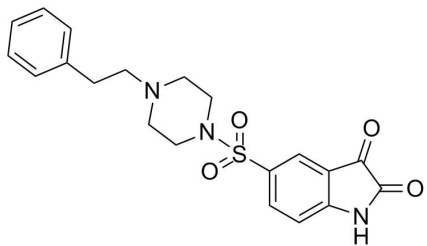
S20120319-004

20120319

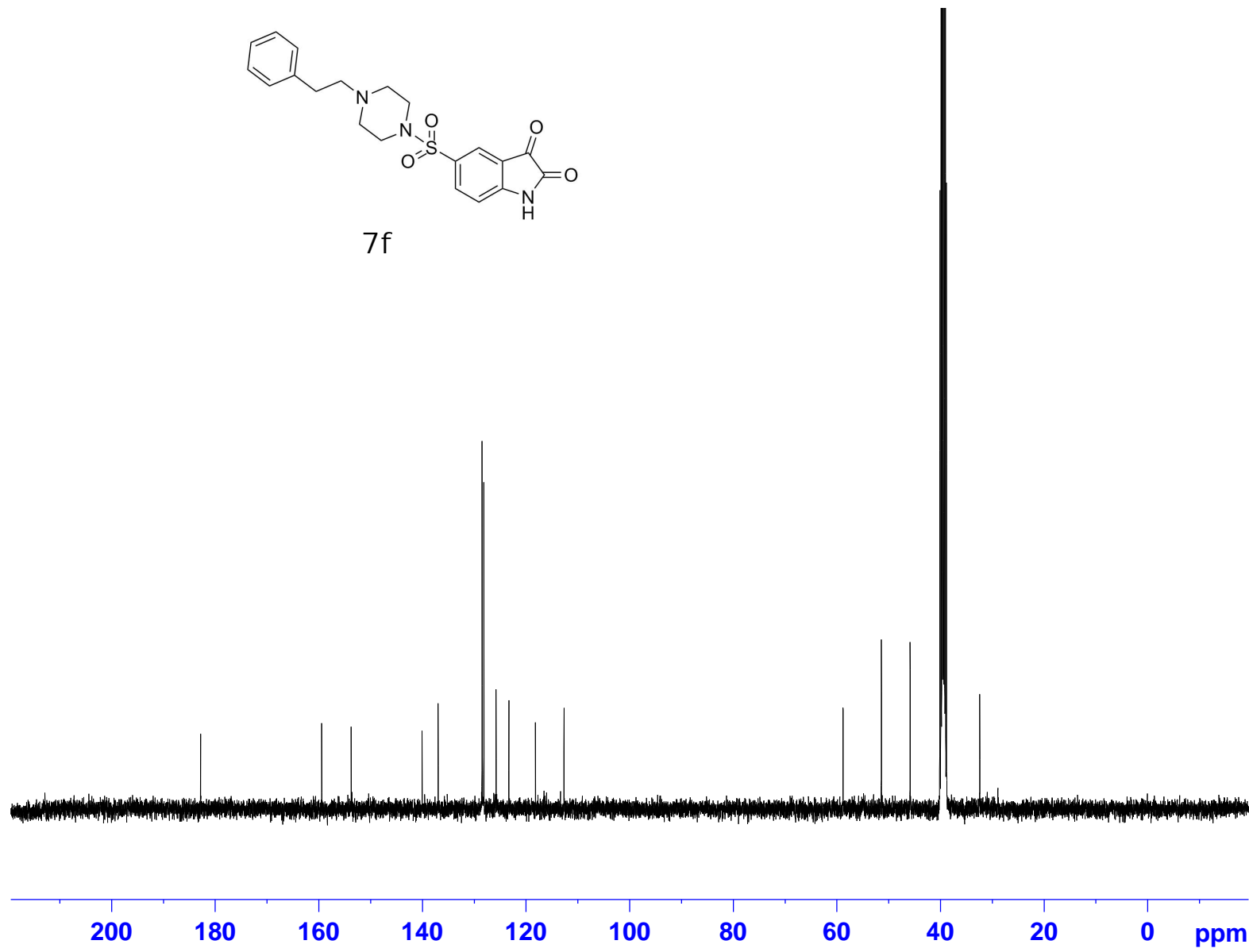
C13CPD Acetone D:\nmr_data ham

— 182.89
— 159.50
— 153.83
— 140.14
— 137.04
— 128.56
— 128.53
— 128.22
— 125.86
— 123.38
— 118.27
— 112.74

58.88
51.47
45.92
40.17
39.96
39.75
39.54
39.33
39.13
38.92
32.49



7f



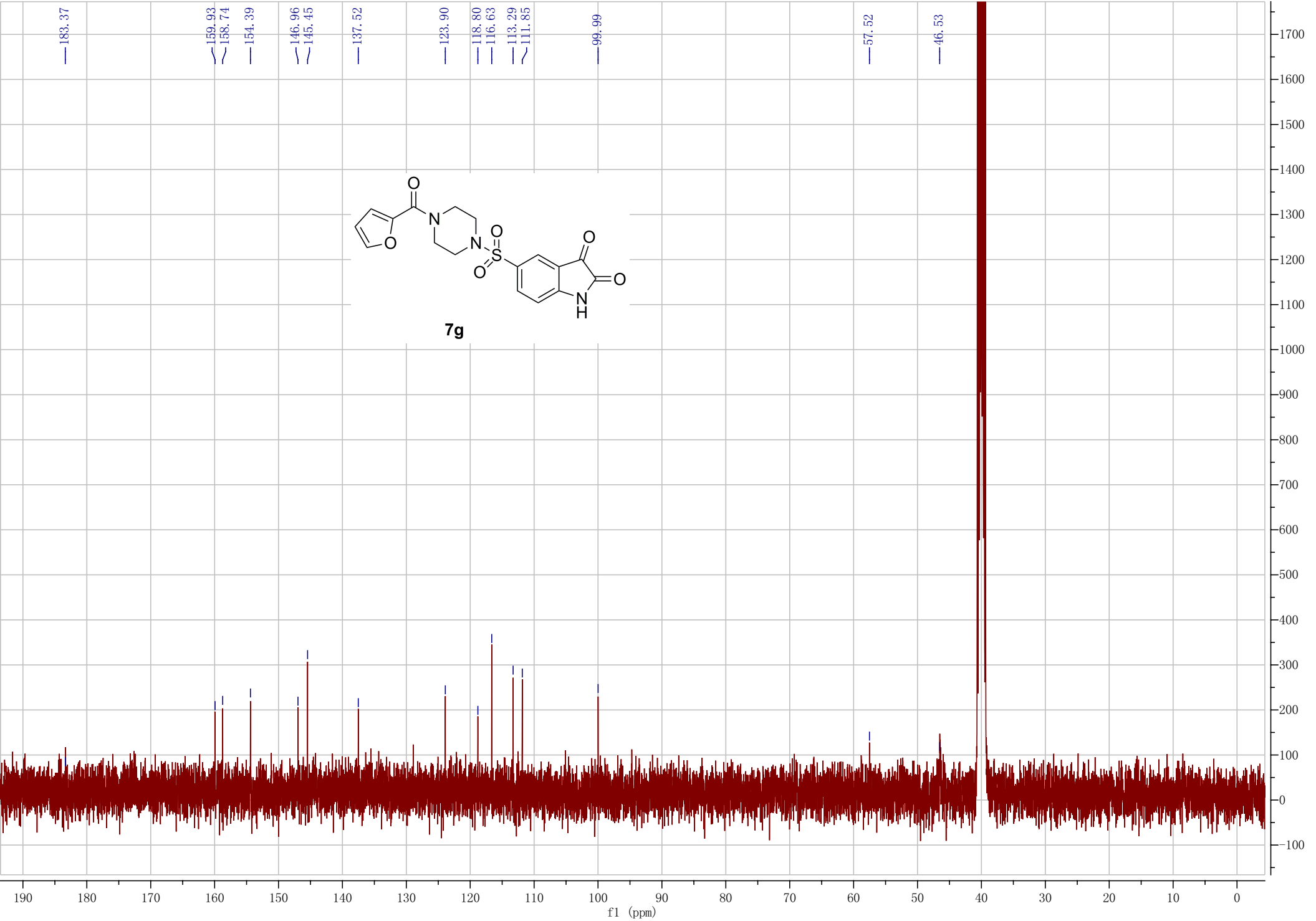
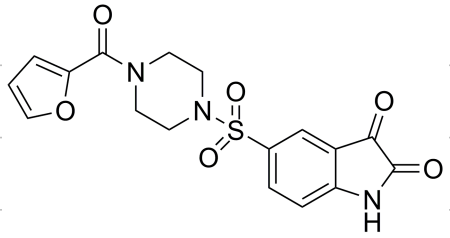
Current Data Parameters
NAME ZHM-YIBEN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120320
Time 3.26
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



S20130107-064

20130108

C13CPD DMSO D:\nmr_data ham

183.31

159.91

158.66

154.33

147.98

138.19

137.50

129.07

123.86

118.75

113.98

113.24

107.89

46.01

44.39

40.64

40.43

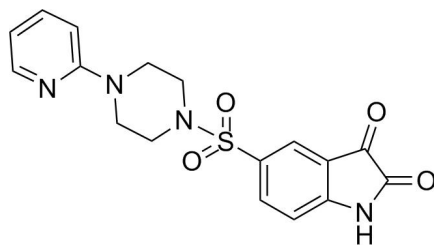
40.22

40.01

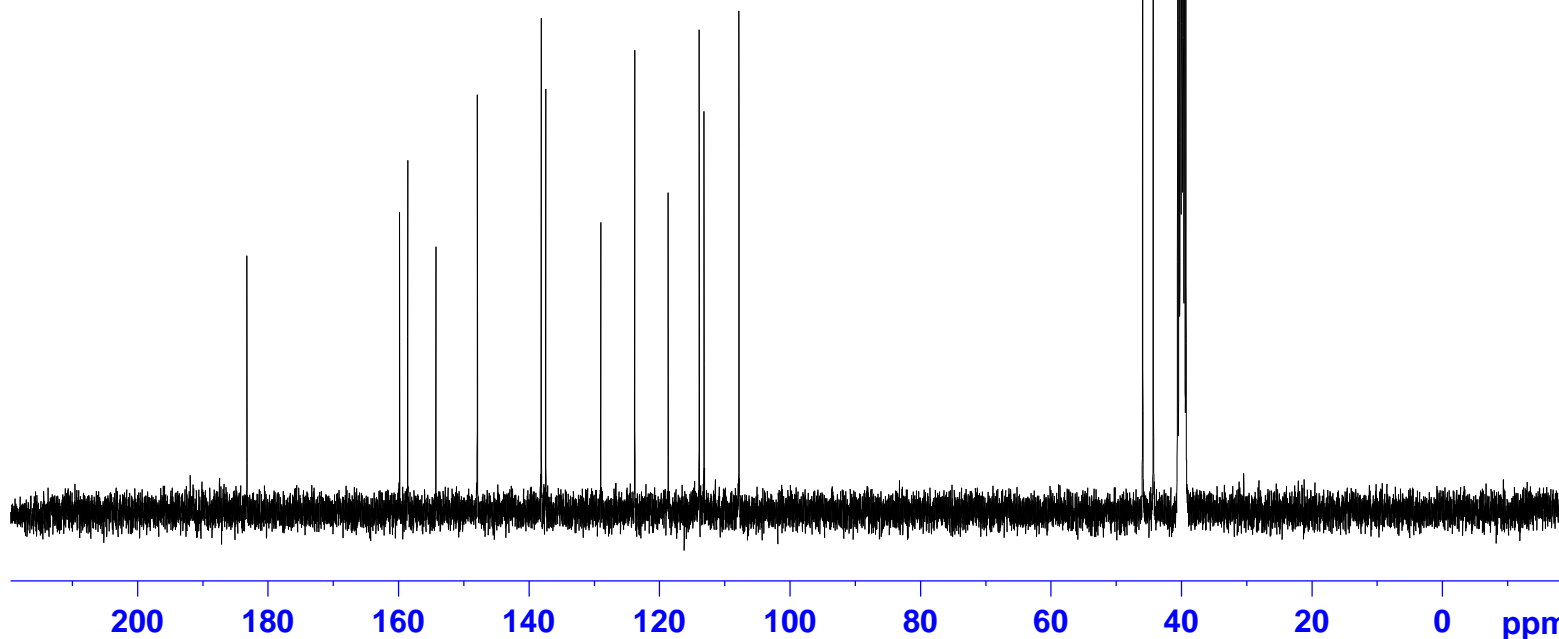
39.80

39.60

39.39



7h



Current Data Parameters
NAME ZHM-2BI
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130108
Time 20.02
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 304.1 K
D1 2.0000000 sec
D11 0.0300000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

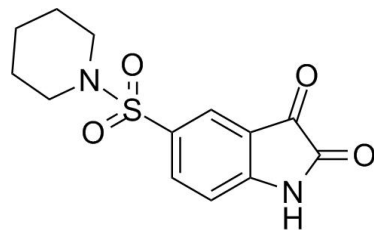
F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20121204-018

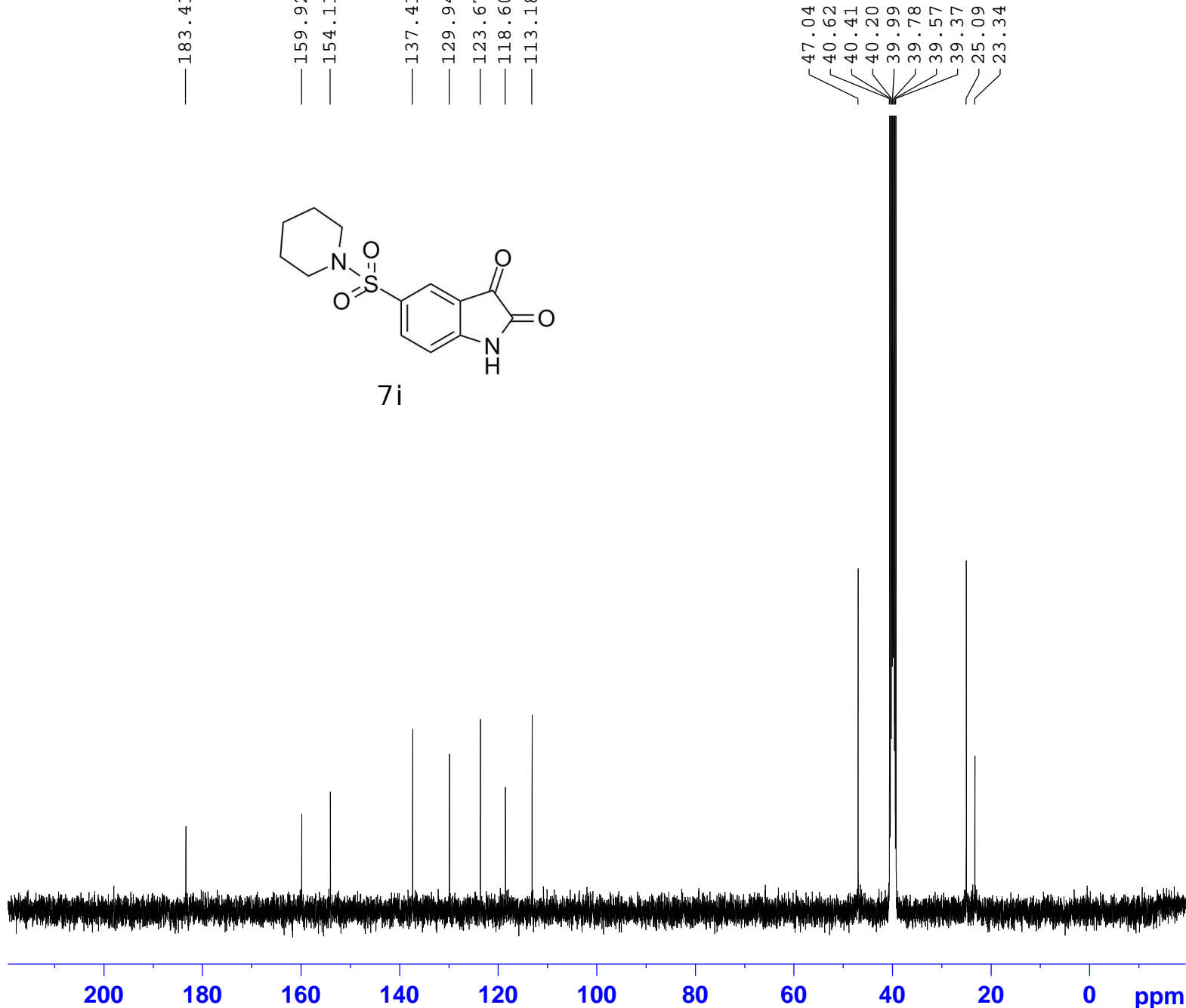
20121204

C13CPD DMSO D:\nmr_data ham

— 183.43
— 159.92
— 154.11
— 137.41
— 129.94
— 123.67
— 118.60
— 113.18



7i



47.04
40.62
40.41
40.20
39.99
39.78
39.57
39.37
25.09
23.34



Current Data Parameters
NAME ZHM-PAIDING
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121204
Time 18.26
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.0000000 sec
D11 0.0300000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20120705-009

20120705

C13CPD DMSO D:\nmr_data ham

— 183.32

— 159.95

— 154.39

— 137.58

— 128.70

— 123.93

— 118.76

— 113.26

— 65.69

— 46.34

— 40.62

— 40.41

— 40.20

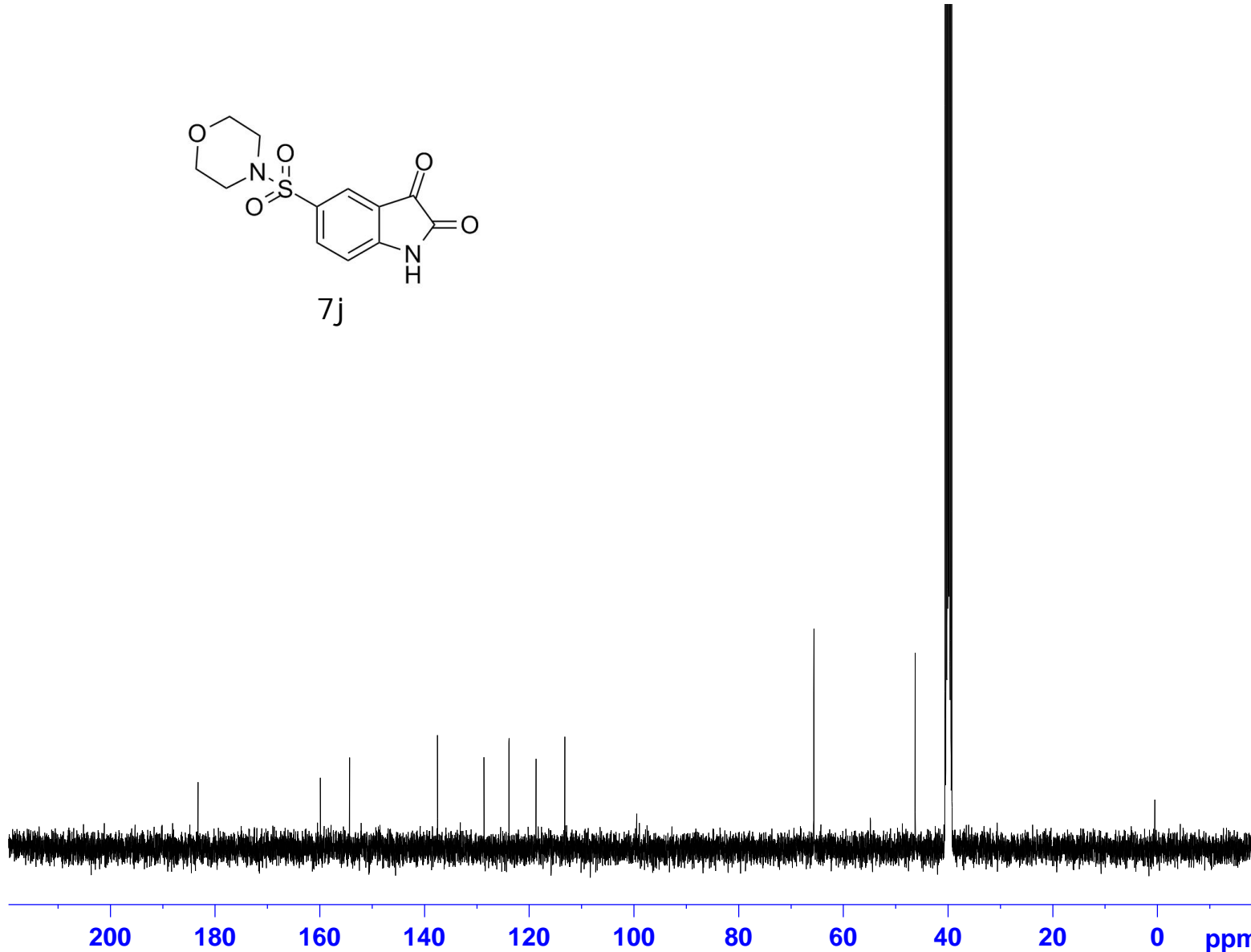
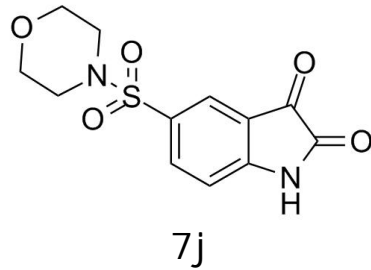
— 39.99

— 39.78

— 39.57

— 39.36

— 0.57



Current Data Parameters
NAME ZHM-MALIN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120705
Time 23.12
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.0000000 sec
D11 0.0300000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20121115-044

20121115

C13CPD DMSO D:\nmr_data ham

— 183.43
— 159.91
— 154.11
— 137.40
— 130.04
— 123.67
— 118.59
— 113.19

46.50
40.63
40.42
40.21
40.00
39.79
39.58
39.37
33.24
31.15
29.77
21.73



Current Data Parameters
NAME ZHM-4JIAPAI
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters

Date_ 20121121
Time 18.00
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.7 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====

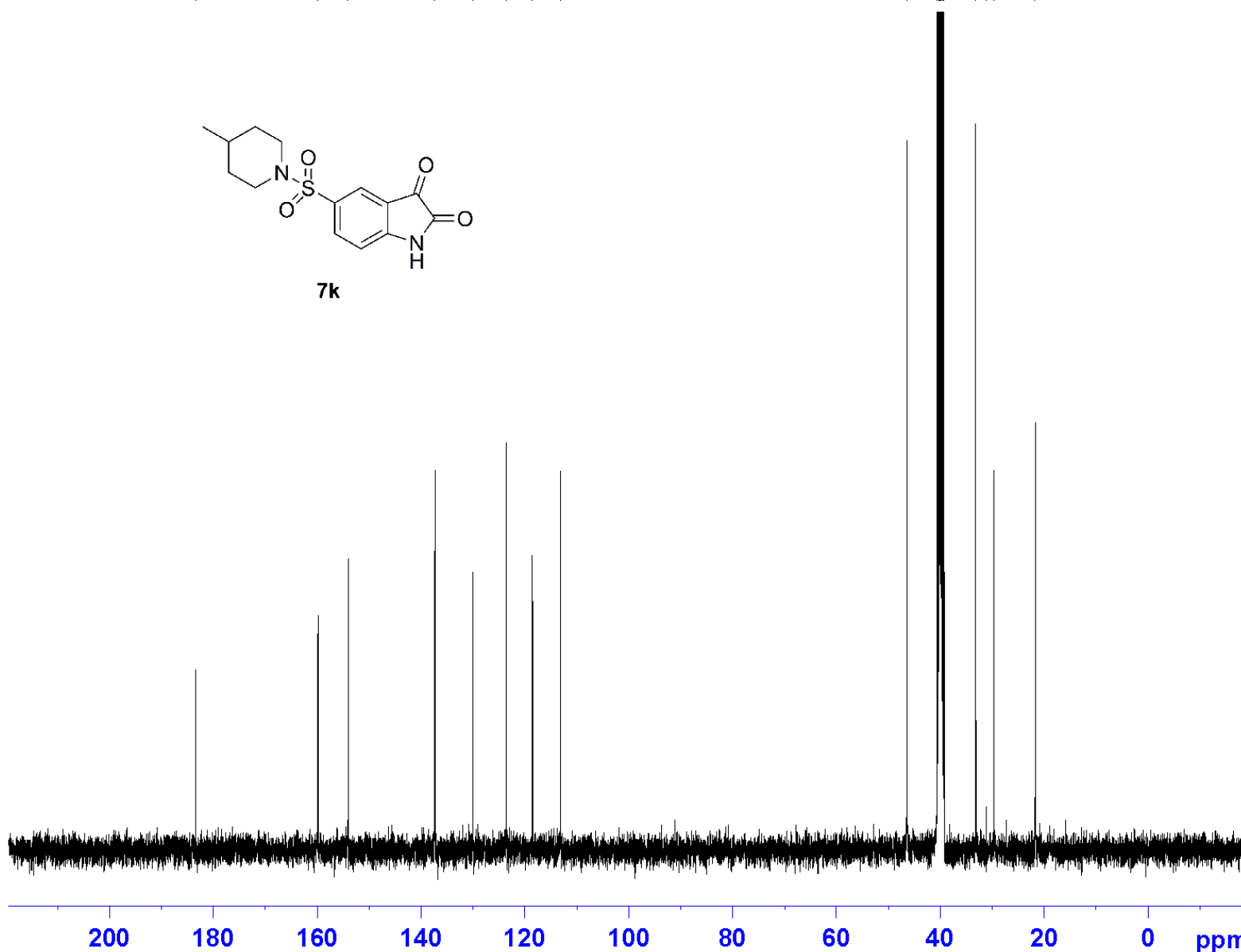
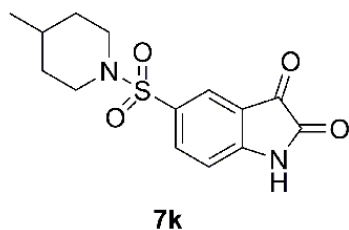
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====

CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters

SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

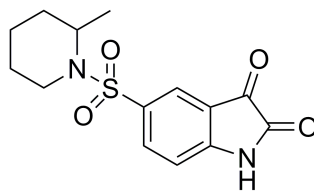


S20121127-048

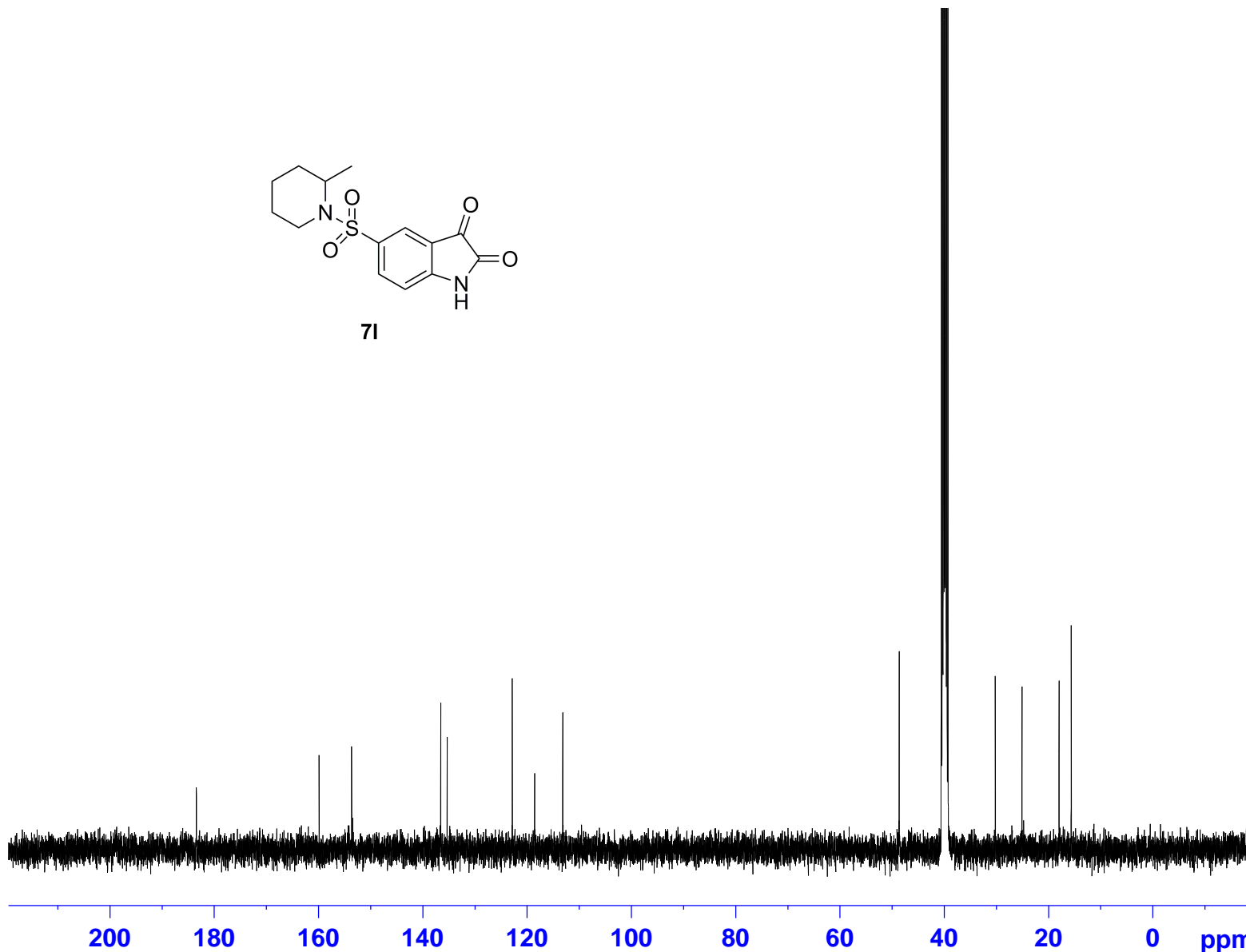
20121127

C13CPD DMSO D:\nmr_data ham

— 183.49
— 159.96
— 153.71
— 136.62
— 135.38
— 122.91
— 118.61
— 113.23



48.69
40.62
40.41
40.20
39.99
39.78
39.57
39.37
30.28
25.16
18.05
15.72



Current Data Parameters
NAME ZHM-ERJIAPADING
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121127
Time 21.33
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.0000000 sec
D11 0.0300000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

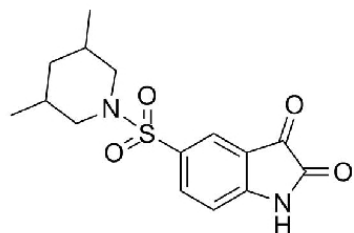
F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20130105-009

20130105

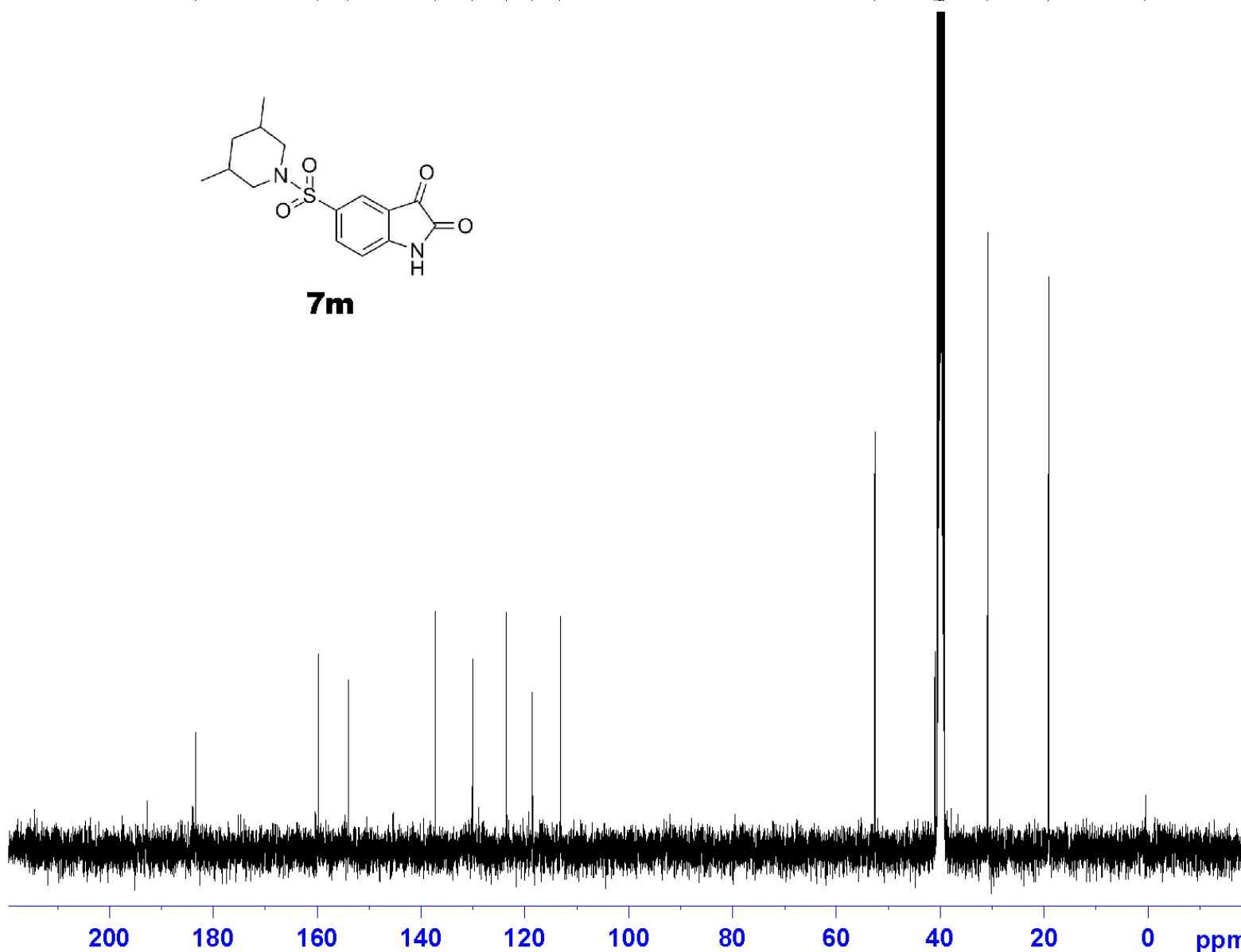
C13CPD DMSO D:\nmr_data ham

— 183.47
— 159.91
— 154.11
— 137.35
— 130.13
— 123.63
— 118.62
— 113.24



7m

52.67
41.10
40.61
40.41
40.20
39.99
39.78
39.57
39.36
30.93
19.22
— 0.57



Current Data Parameters
NAME ZHM-3.5ERJIA
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130105
Time 19.18
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 2048
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20120702-029

20120702

C13CPD CDCl3 D:\nmr_data ham

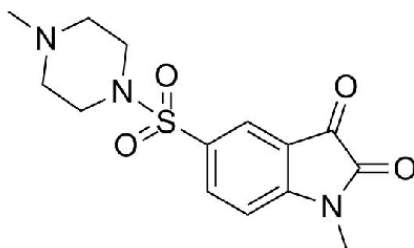
157.72
154.27
137.78
131.72
124.74
117.24
110.23

77.33
77.21
77.01
76.69

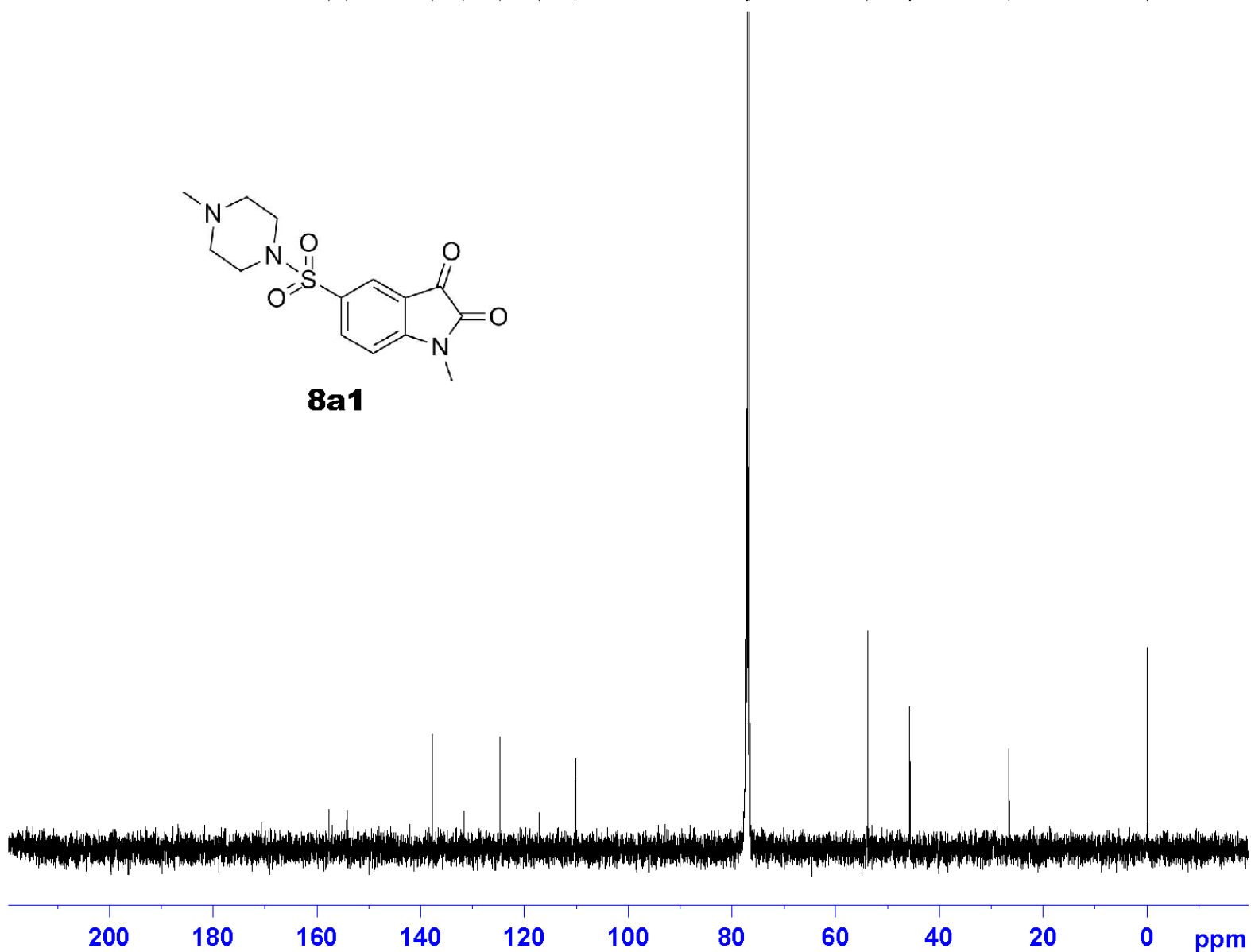
53.91
45.86
45.65

26.65

-0.01



8a1



Current Data Parameters
NAME NJIAPAIJIA
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120703
Time 0.29
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.9 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20130105-016

20130105

C13CPD CDCl3 D:\nmr_data ham

181.66
157.74
153.59
137.59
133.54
131.58
129.35
128.61
127.39
124.85
117.46
111.36

77.34
77.22
77.02
76.70

53.82
45.69
45.52
44.47

-0.01



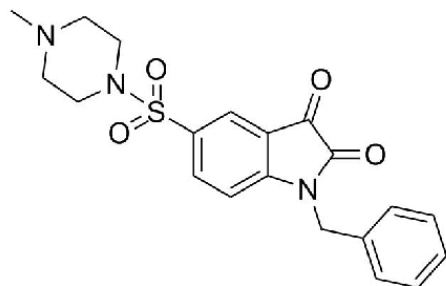
Current Data Parameters
NAME ZHM-NJIABIAN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130105
Time 22.47
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec

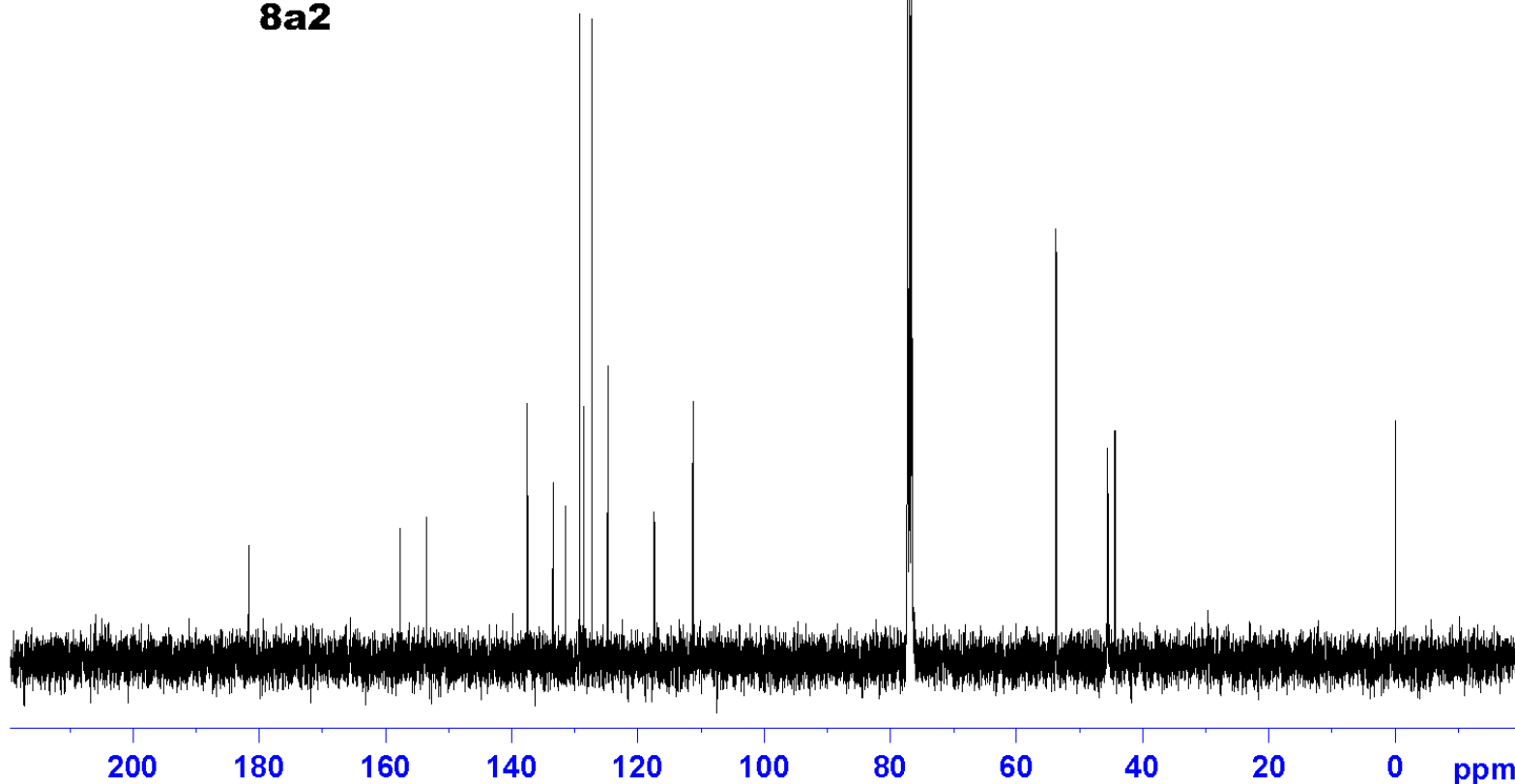
==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



8a2



S20120702-028

20120702

C13CPD CDCl3 D:\nmr data ham



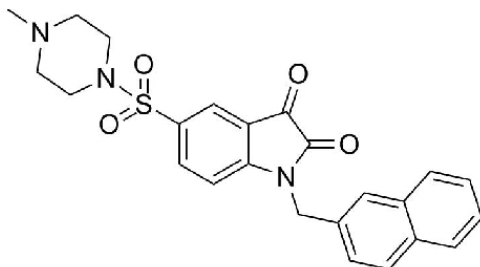
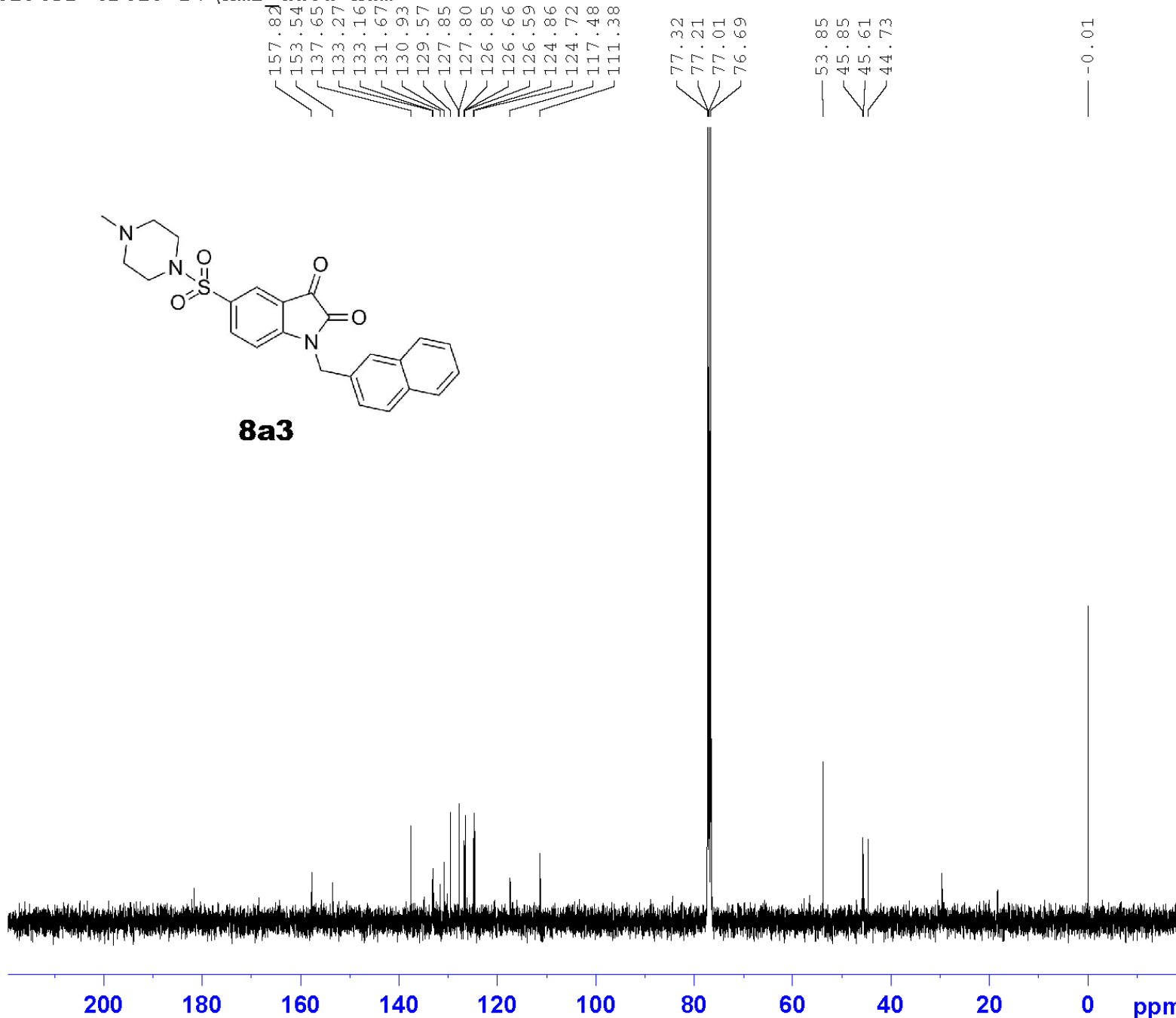
Current Data Parameters
NAME NJIAPAINAI
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120702
Time 23.25
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 300.2 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



8a3

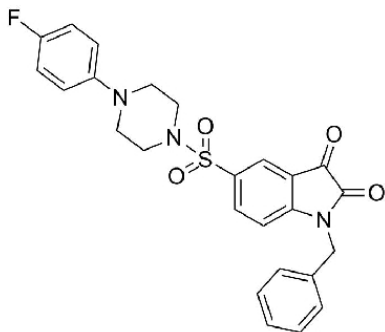
S20130415-023

20130415

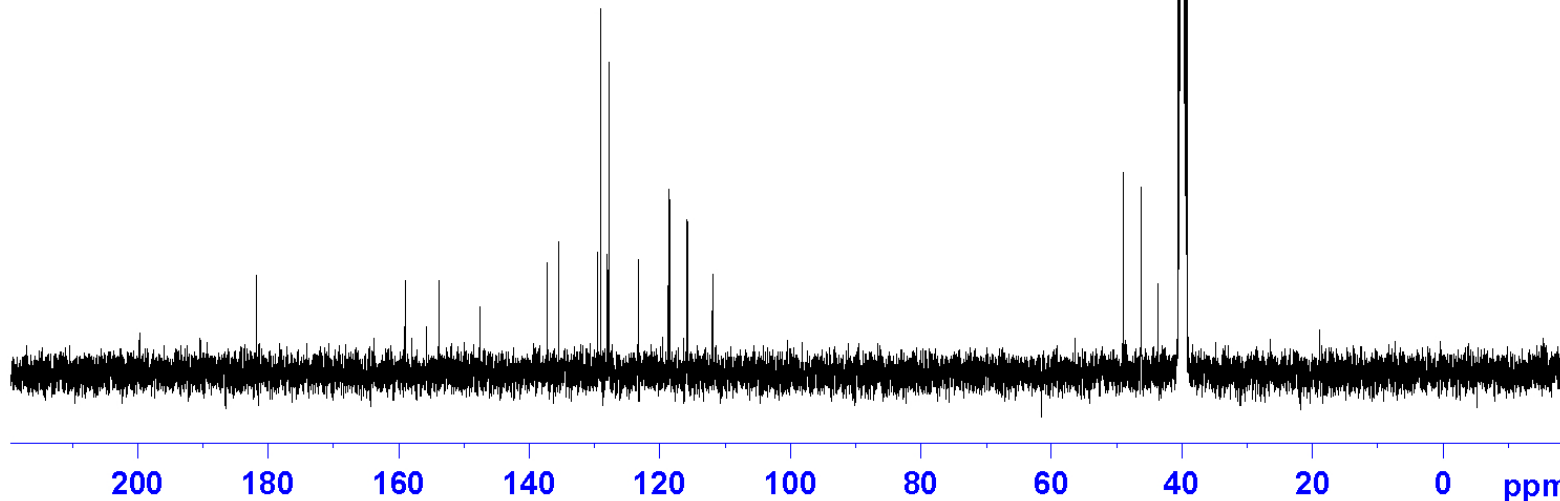
C13CPD DMSO D:\nmr_data ham

181.84
159.09
153.91
147.70
137.28
135.52
129.57
129.12
128.10
127.86
123.41
118.90
118.59
118.52
115.94
115.72
111.98

49.12
46.32
43.71
40.62
40.41
40.20
39.99
39.78
39.57
39.36



8b2



Current Data Parameters
NAME ZHM-4FBian
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130416
Time 3.19
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

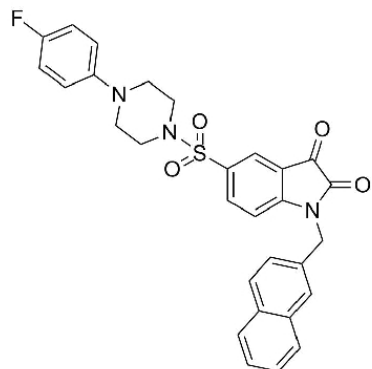
S20130114-017

20130114

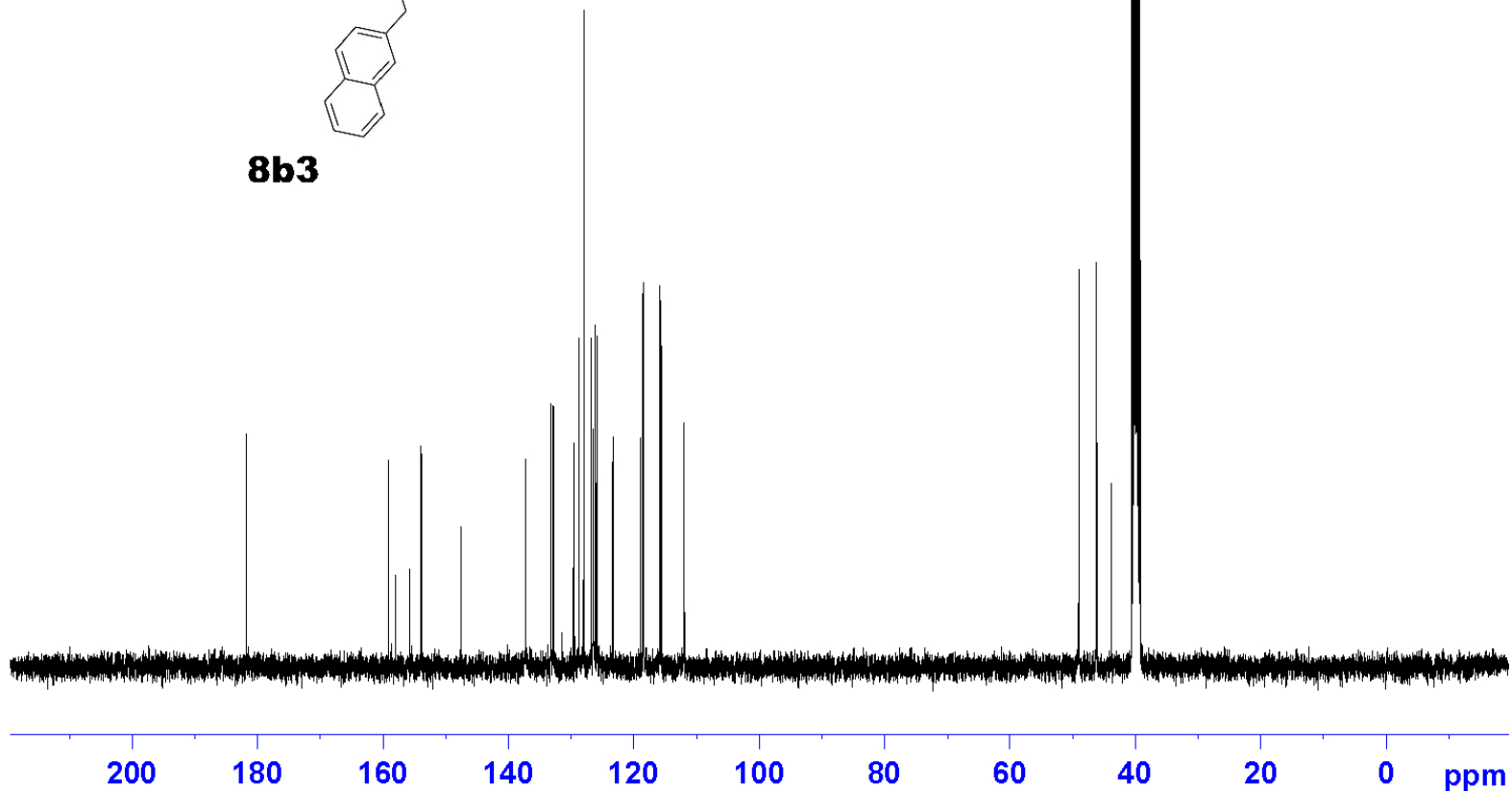
C13CPD DMSO D:\nmr data ham

181.92
159.17
158.11
155.76
153.96
147.64
137.31
133.35
133.03
132.86
131.49
129.66
129.43
128.82
128.06
126.85
126.55
126.28
125.98
123.42
118.97
118.59
118.51
115.93
115.71
112.03

49.12
46.28
43.93
40.62
40.41
40.20
39.99
39.79
39.58
39.37



8b3



Current Data Parameters
NAME ZHM-4FNAI
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130114
Time 21.24
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.2 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20121115-053

20121115

C13CPD CDC13 D:\nmr data ham



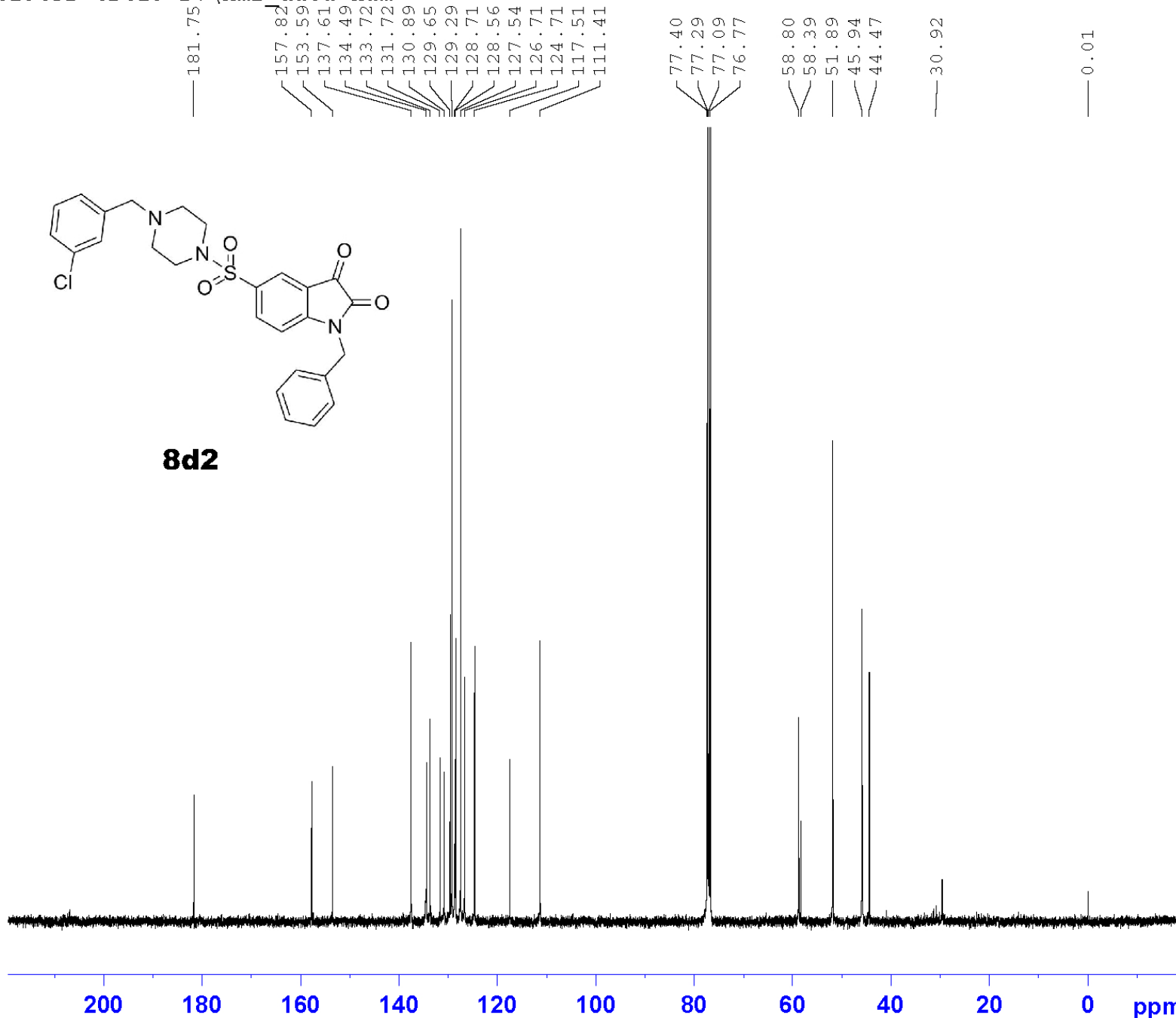
Current Data Parameters
NAME ZHM-3.5ERJIA
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121122
Time 2.24
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.7 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

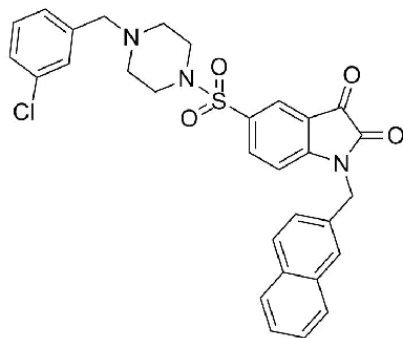
F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



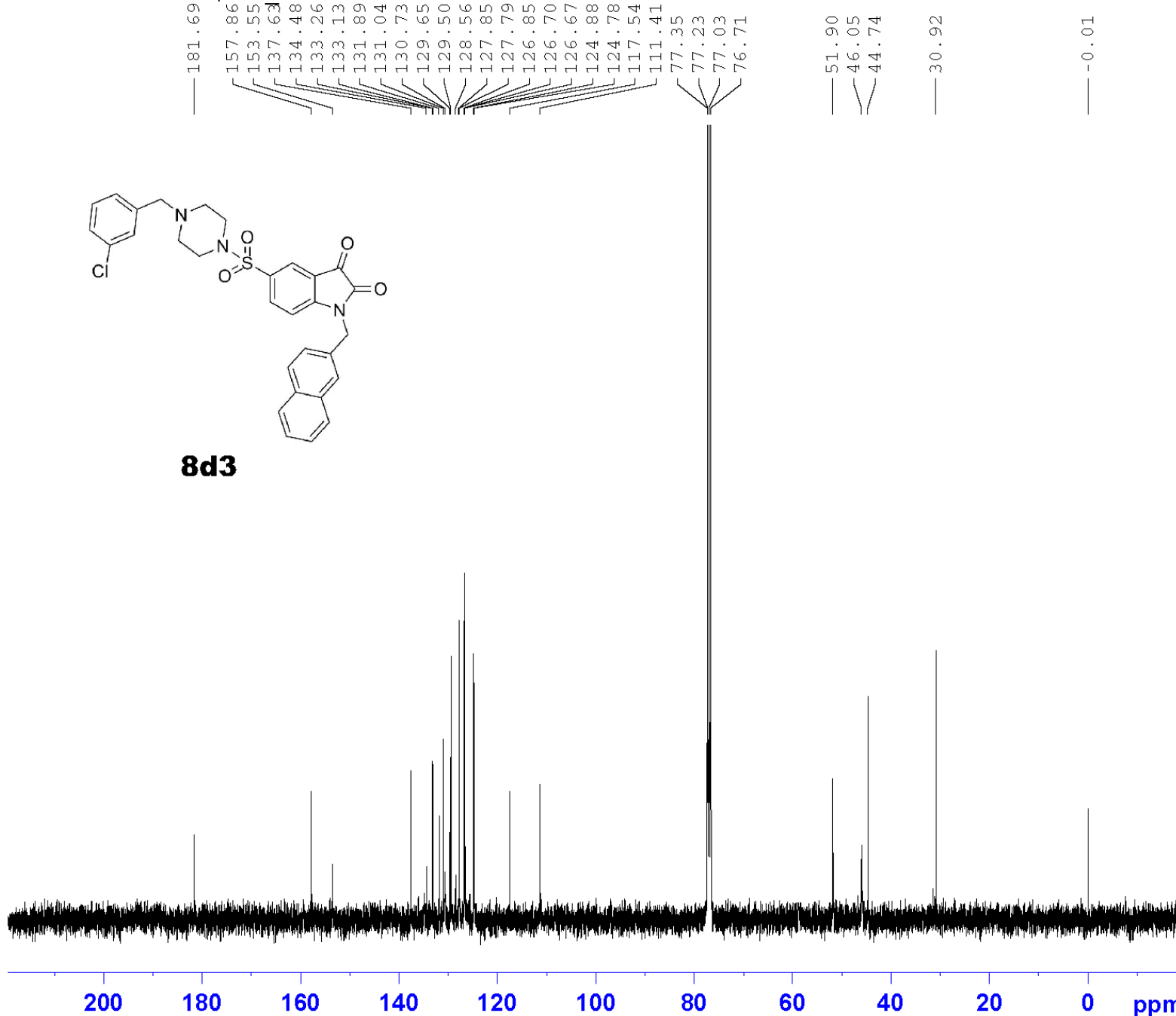
S20121115-047

20121115

C13CPD CDCl3 D:\nmr data ham



8d3



Current Data Parameters
NAME ZHM-3ClBIANNAI
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121121
Time 20.06
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.8 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

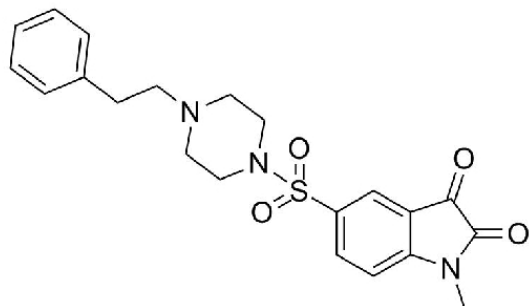
==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

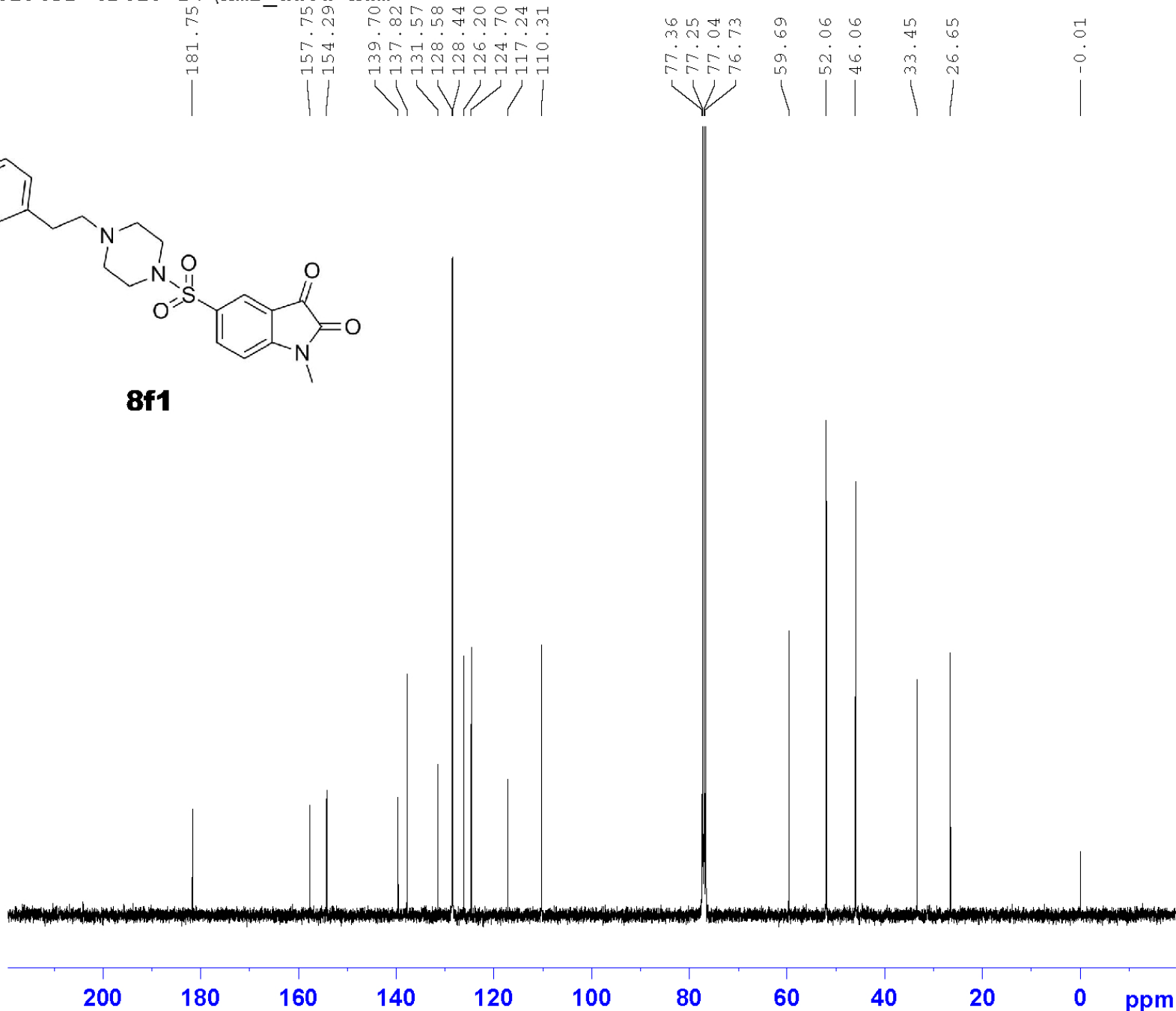
S20121115-051

20121115

C13CPD CDC13 D:\nmr_data ham



8f1



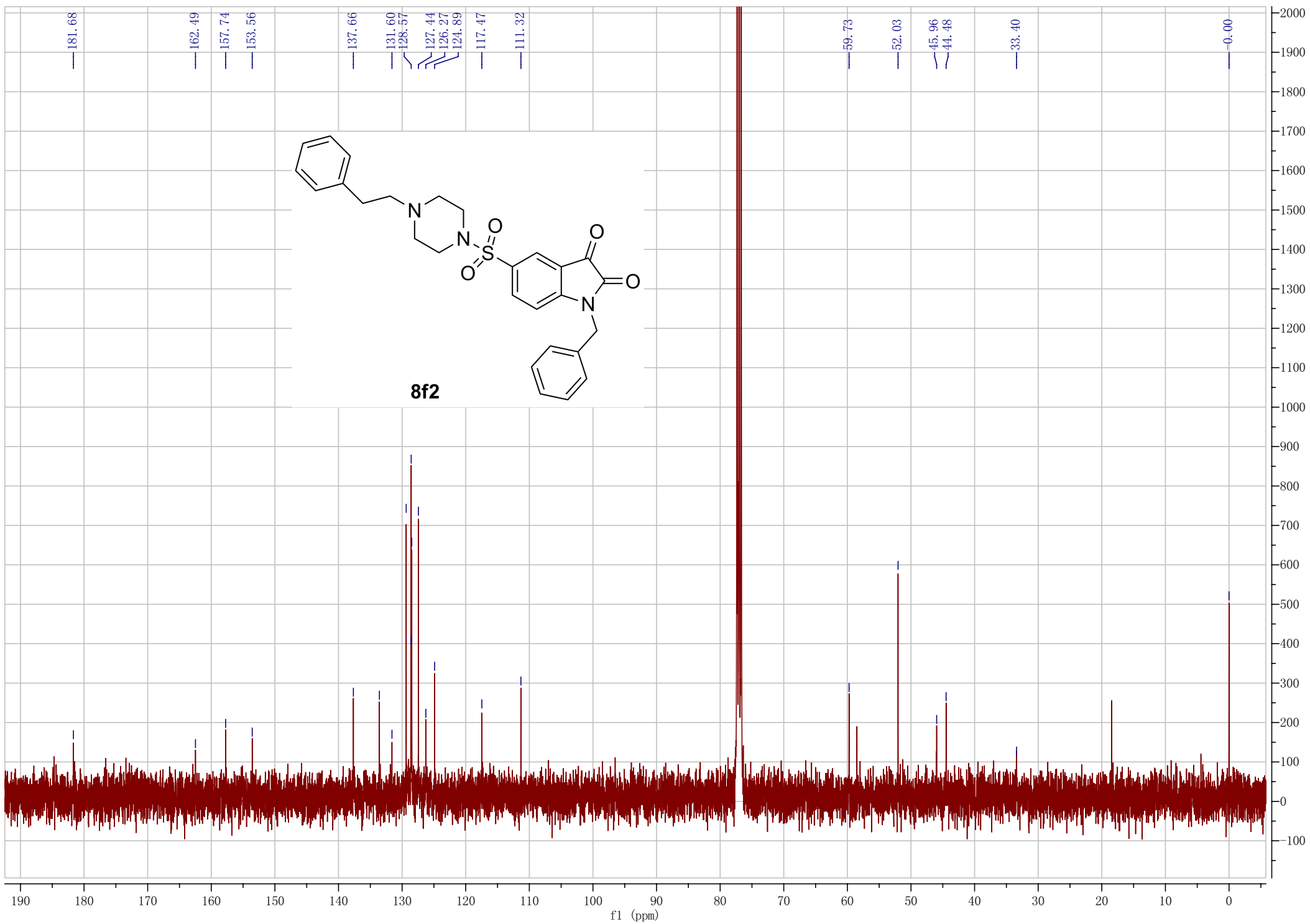
Current Data Parameters
NAME ZHM-BENYIJIA
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121122
Time 0.16
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.7 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



S20130225-058
13C CDCL3
20130227

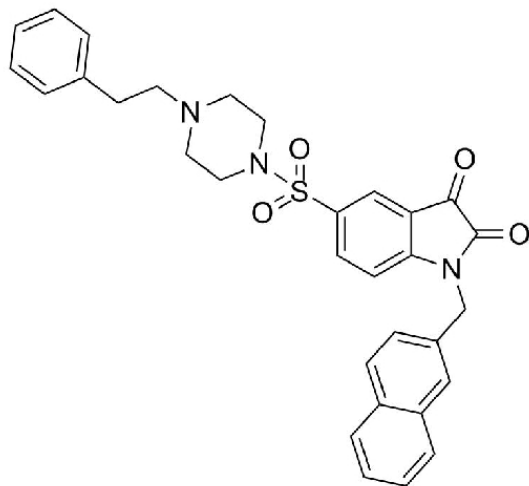


181.73
157.84
137.74
133.26
133.16
131.46
130.95
129.60
128.59
128.51
127.89
127.84
126.89
126.70
126.65
126.26
124.92
124.80
117.50
111.48

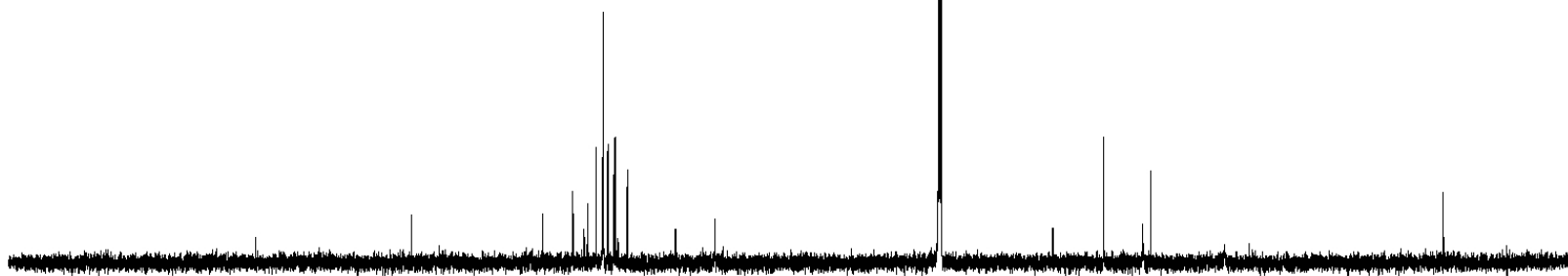
77.27
77.05
76.84

59.75
51.98
46.01
44.75

0.04



8f3



Current Data Parameters
NAME ZHM-BenYiNai
EXPNO 20
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130227
Time 16.42
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCL3
NS 1024
DS 4
SWH 36057.691 Hz
FIDRES 0.550197 Hz
AQ 0.9088159 sec
RG 203
DW 13.867 usec
DE 6.50 usec
TE 292.5 K
D1 2.0000000 sec
D11 0.0300000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 15.08 usec
PLW1 100.0000000 W
SFO1 150.9430456 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 70.00 usec
PLW2 17.78300095 W
PLW12 0.65262997 W
PLW13 0.65262997 W
SFO2 600.2324009 MHz

F2 - Processing parameters
SI 32768
SF 150.9279540 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

200 180 160 140 120 100 80 60 40 20 0 ppm

S20130320-002
13C DMSO
20130325



182.26

158.91

158.64

154.90

148.02

138.21

137.44

129.47

123.20

118.43

113.99

111.66

107.92

46.01

44.40

40.55

40.43

40.29

40.15

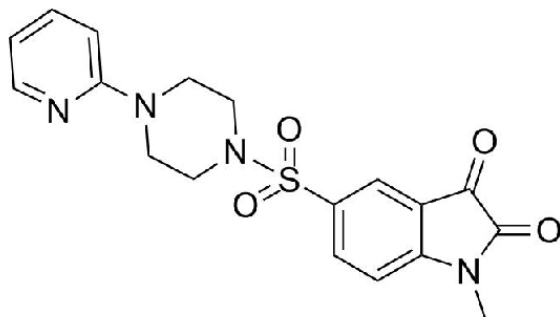
40.01

39.87

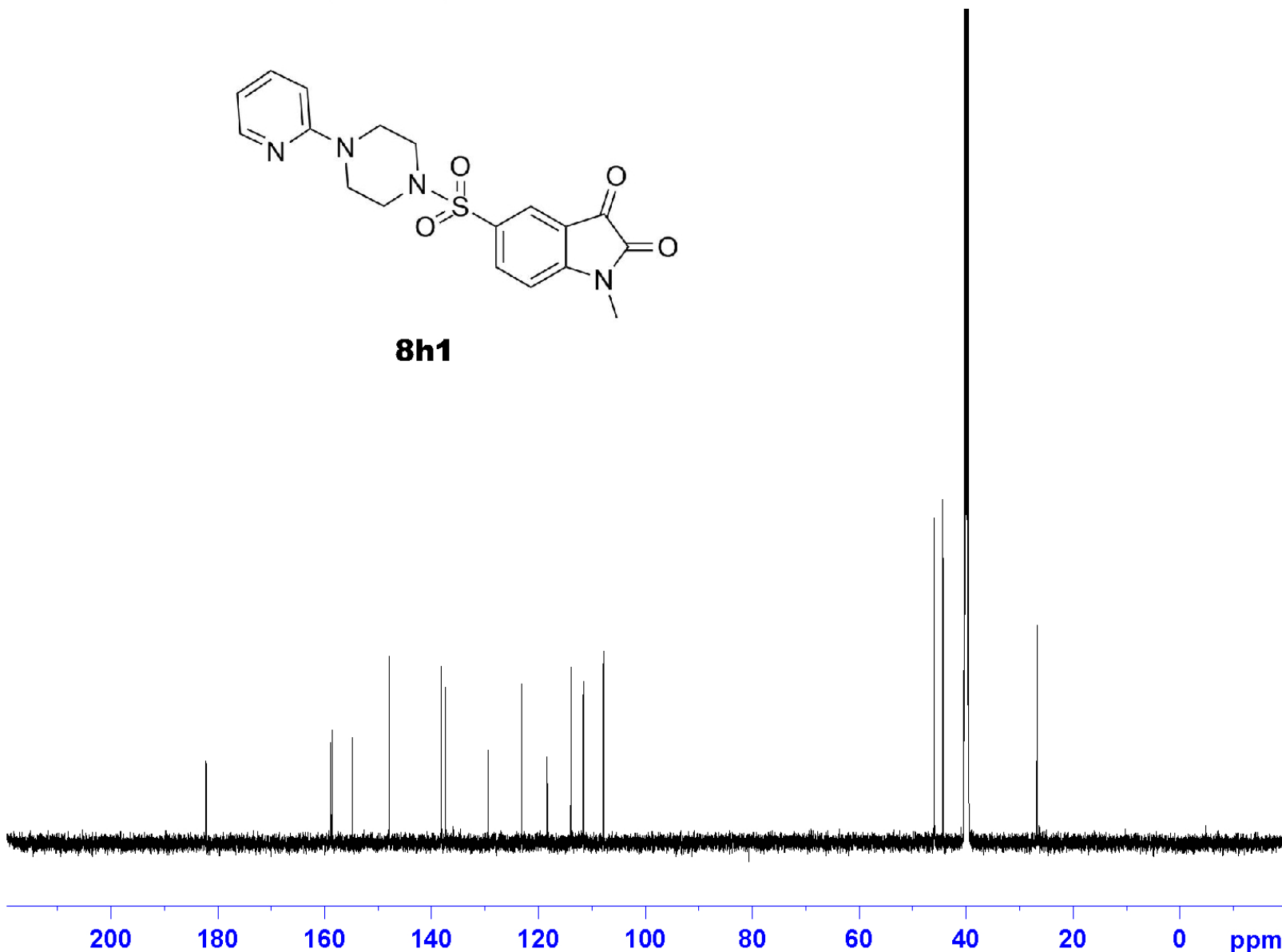
39.73

39.59

26.80



8h1



Current Data Parameters
NAME ZHM-BiJia
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130325
Time 10.39
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 2048
DS 4
SWH 36057.691 Hz
FIDRES 0.550197 Hz
AQ 0.9088159 sec
RG 203
DW 13.867 usec
DE 6.50 usec
TE 298.0 K
D1 2.0000000 sec
D11 0.0300000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 15.08 usec
PLW1 100.0000000 W
SFO1 150.9430456 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 70.00 usec
PLW2 17.78300095 W
PLW12 0.65262997 W
PLW13 0.65262997 W
SFO2 600.2324009 MHz

F2 - Processing parameters
SI 32768
SF 150.9279540 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20130114-020

20130114

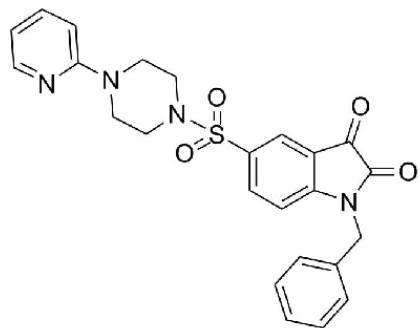
C13CPD CDCl3 D:\nmr_data ham

181.63
157.71
153.64
147.97
137.80
137.63
133.58
131.71
129.32
128.61
127.48
124.79
117.53
114.17
111.37
107.30

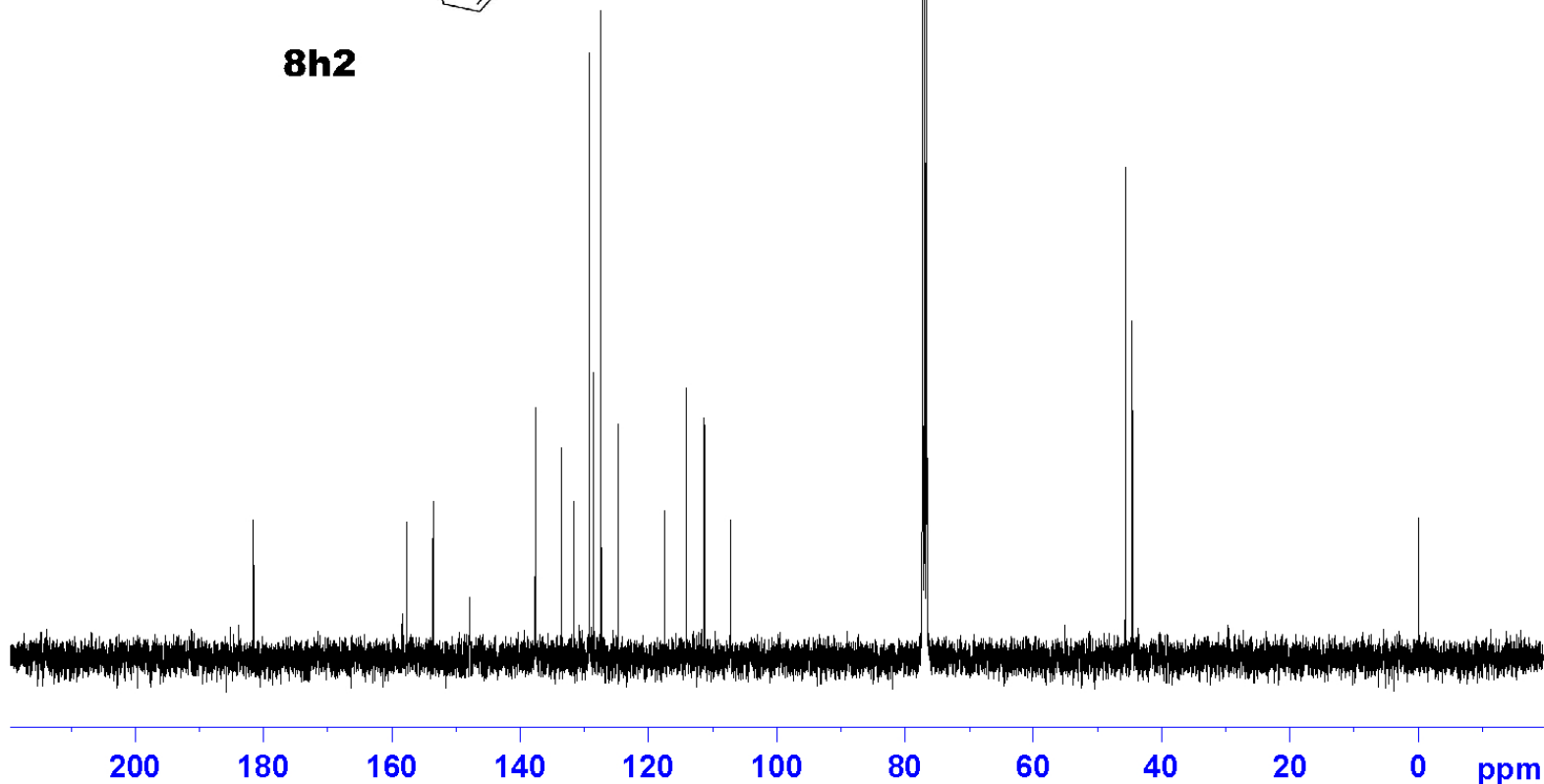
77.33
77.22
77.02
76.70

45.73
44.71
44.50

-0.01



8h2



Current Data Parameters
NAME ZHM-BIBIAN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130115
Time 0.30
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.7 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

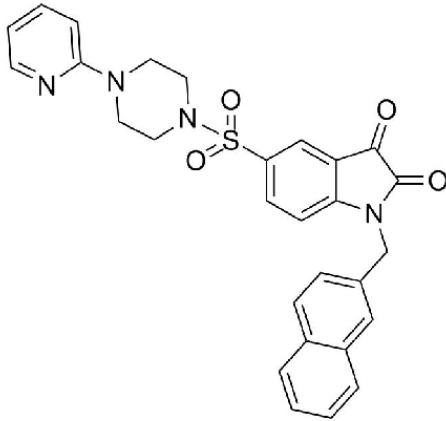
F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20130320-003
13C DMSO
20130325

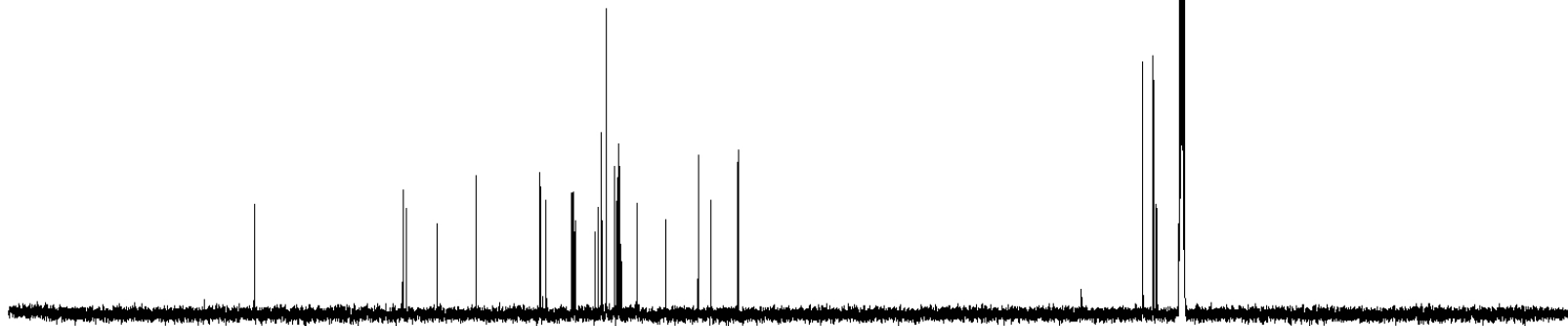


181.91
159.17
158.66
153.93
148.00
138.18
137.26
133.34
133.03
132.86
129.79
129.38
128.80
128.68
128.06
126.85
126.54
126.26
125.98
125.79
123.40
118.99
113.99
112.03
107.91

45.99
44.38
43.92
40.55
40.43
40.29
40.15
40.01
39.87
39.73
39.60



8h3



Current Data Parameters
NAME ZHM-BiBian
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130325
Time 12.22
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 36057.691 Hz
FIDRES 0.550197 Hz
AQ 0.9088159 sec
RG 203
DW 13.867 usec
DE 6.50 usec
TE 298.0 K
D1 2.0000000 sec
D11 0.0300000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 15.08 usec
PLW1 100.0000000 W
SFO1 150.9430456 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 70.00 usec
PLW2 17.78300095 W
PLW12 0.65262997 W
PLW13 0.65262997 W
SFO2 600.2324009 MHz

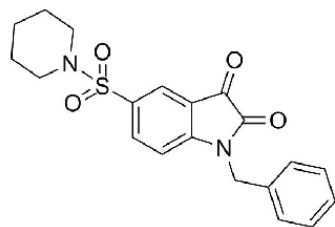
F2 - Processing parameters
SI 32768
SF 150.9279540 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

200 180 160 140 120 100 80 60 40 20 0 ppm

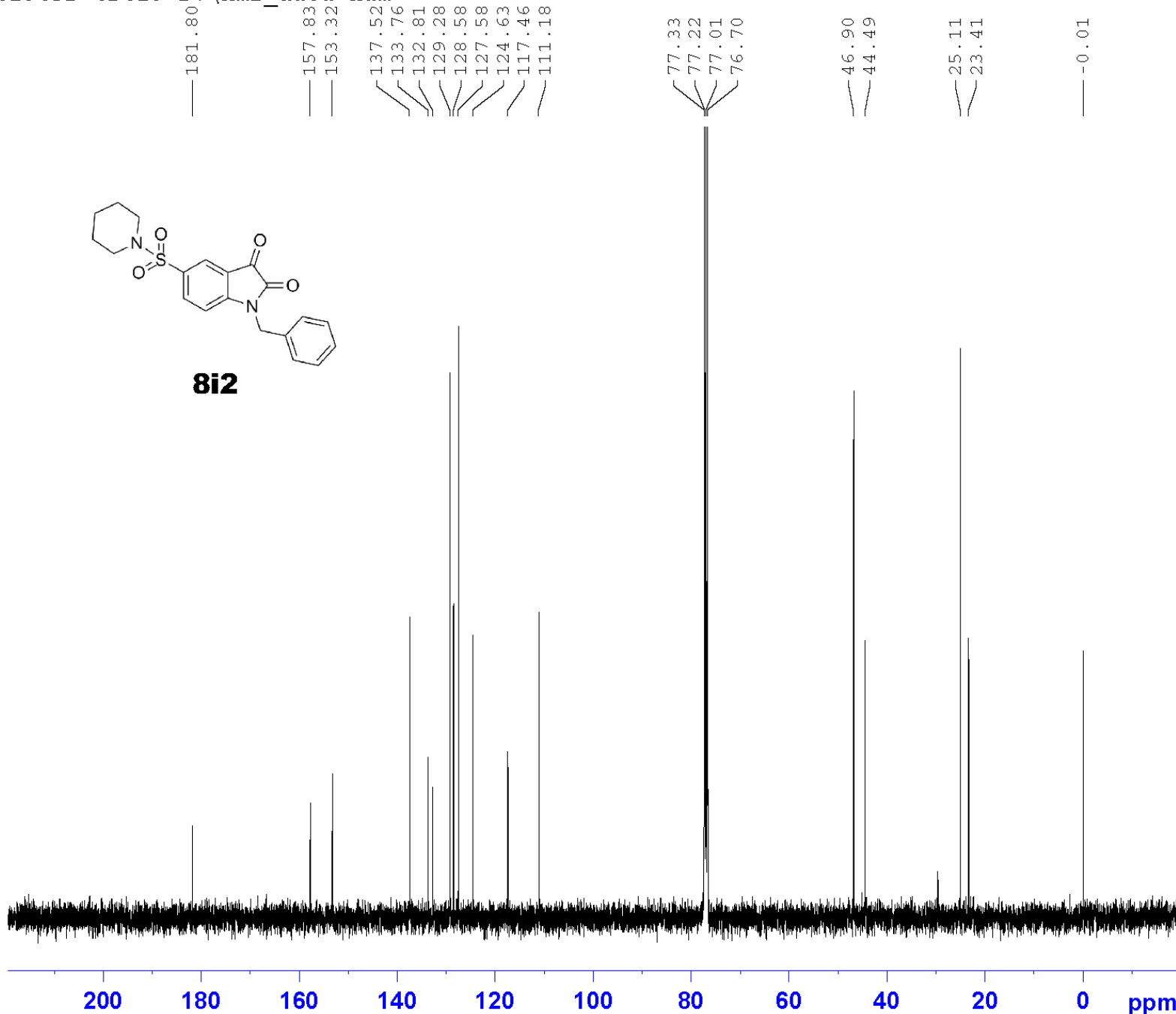
S20120702-026

20120702

C13CPD CDCl3 D:\nmr_data ham



8i2



Current Data Parameters
NAME ZHM-PAIDINGBIAN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120702
Time 21.20
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.6 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

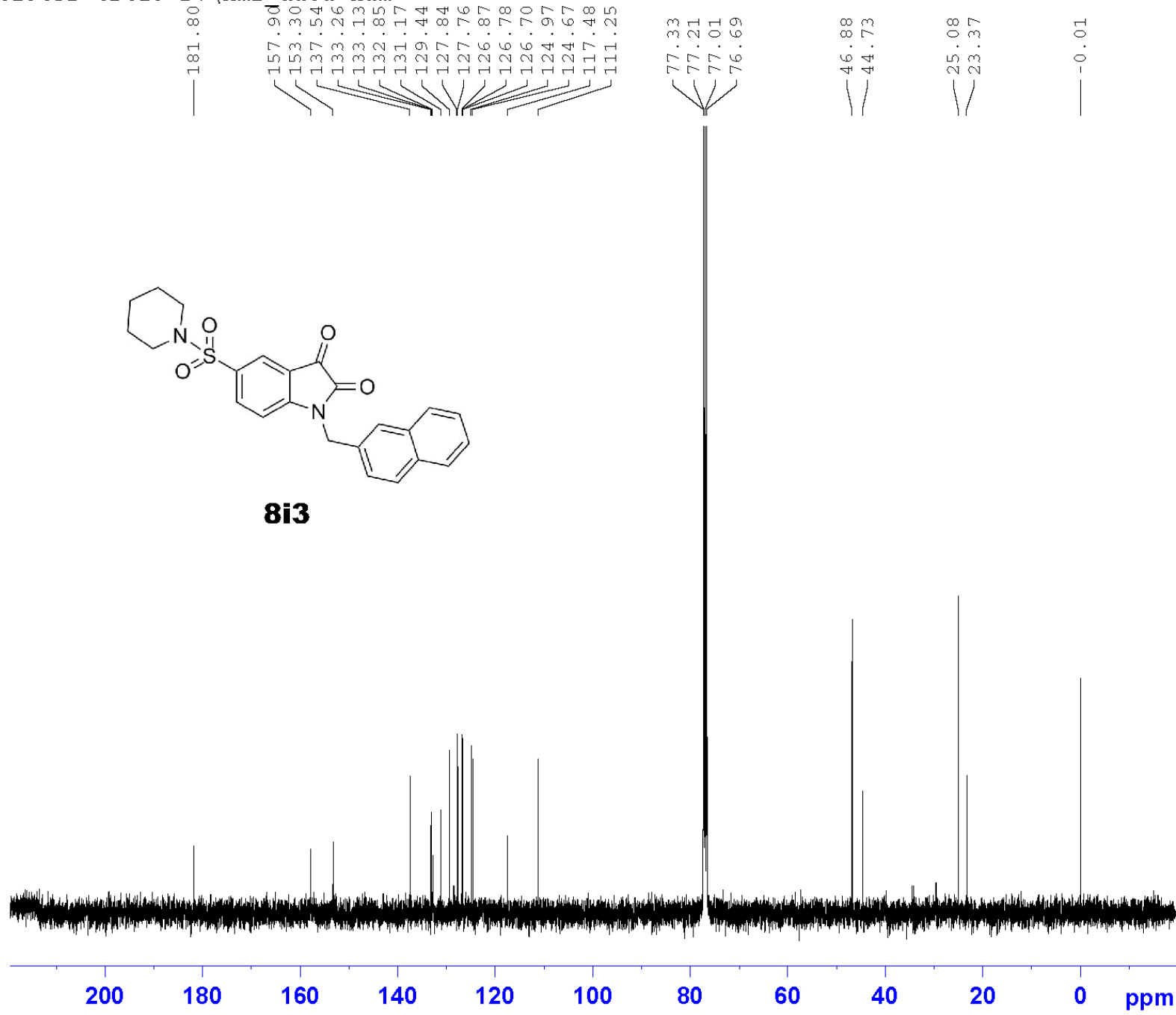
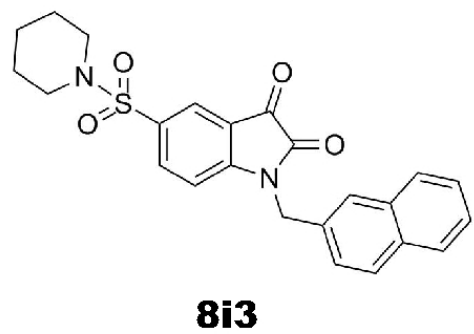
==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20120702-025

20120702

C13CPD CDC13 D:\nmr_data ham



Current Data Parameters
NAME ZHM-PAIDINGNAI
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120702
Time 20.18
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.9 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

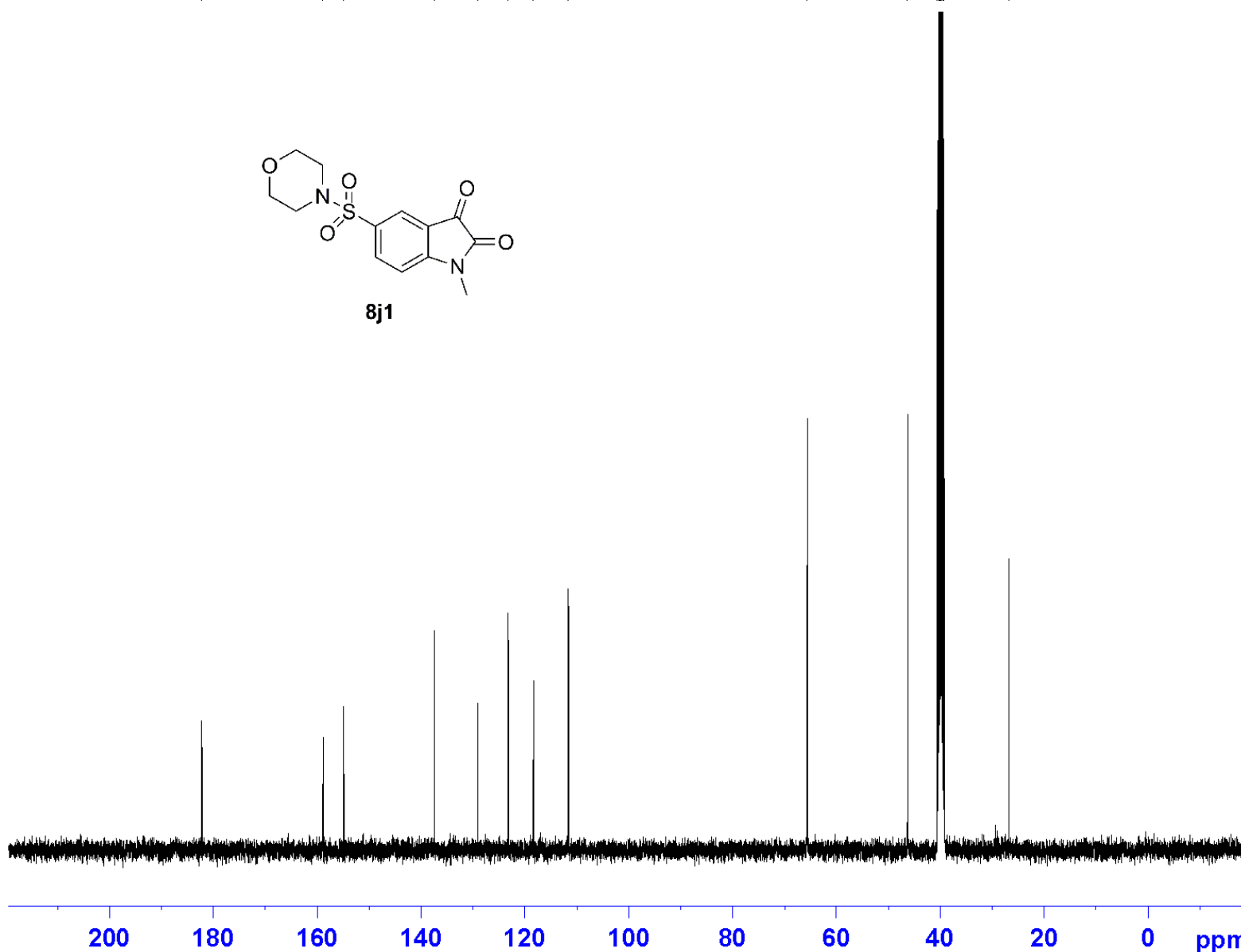
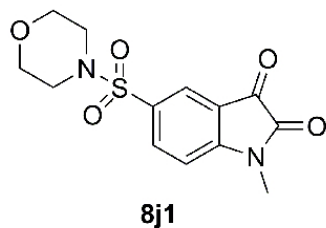
S20121127-049

20121127

C13CPD DMSO D:\nmr_data ham

— 182.27
— 158.93
— 154.95
— 137.50
— 129.15
— 123.26
— 118.42
— 111.67

— 65.68
— 46.37
— 40.62
— 40.41
— 40.20
— 39.99
— 39.78
— 39.57
— 39.36
— 26.83



Current Data Parameters
NAME ZHM-MAJIA
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121127
Time 22.34
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20121025-060

20121025

C13CPD CDCl3 D:\nmr_data ham



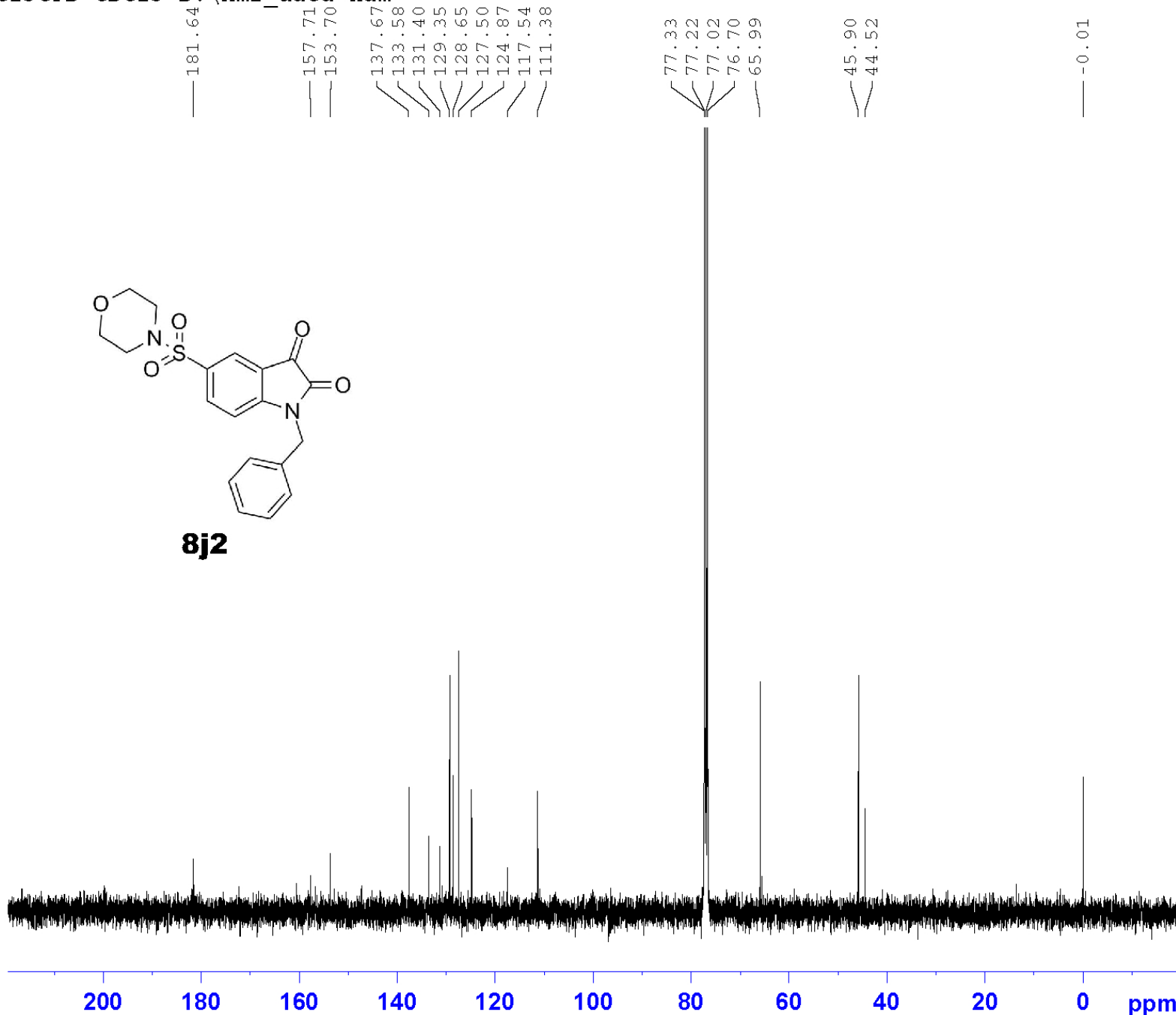
Current Data Parameters
NAME ZHM-MABIAN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121026
Time 9.11
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

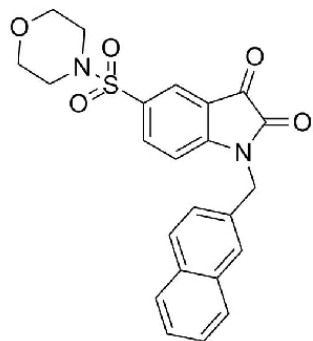


S20121025-047

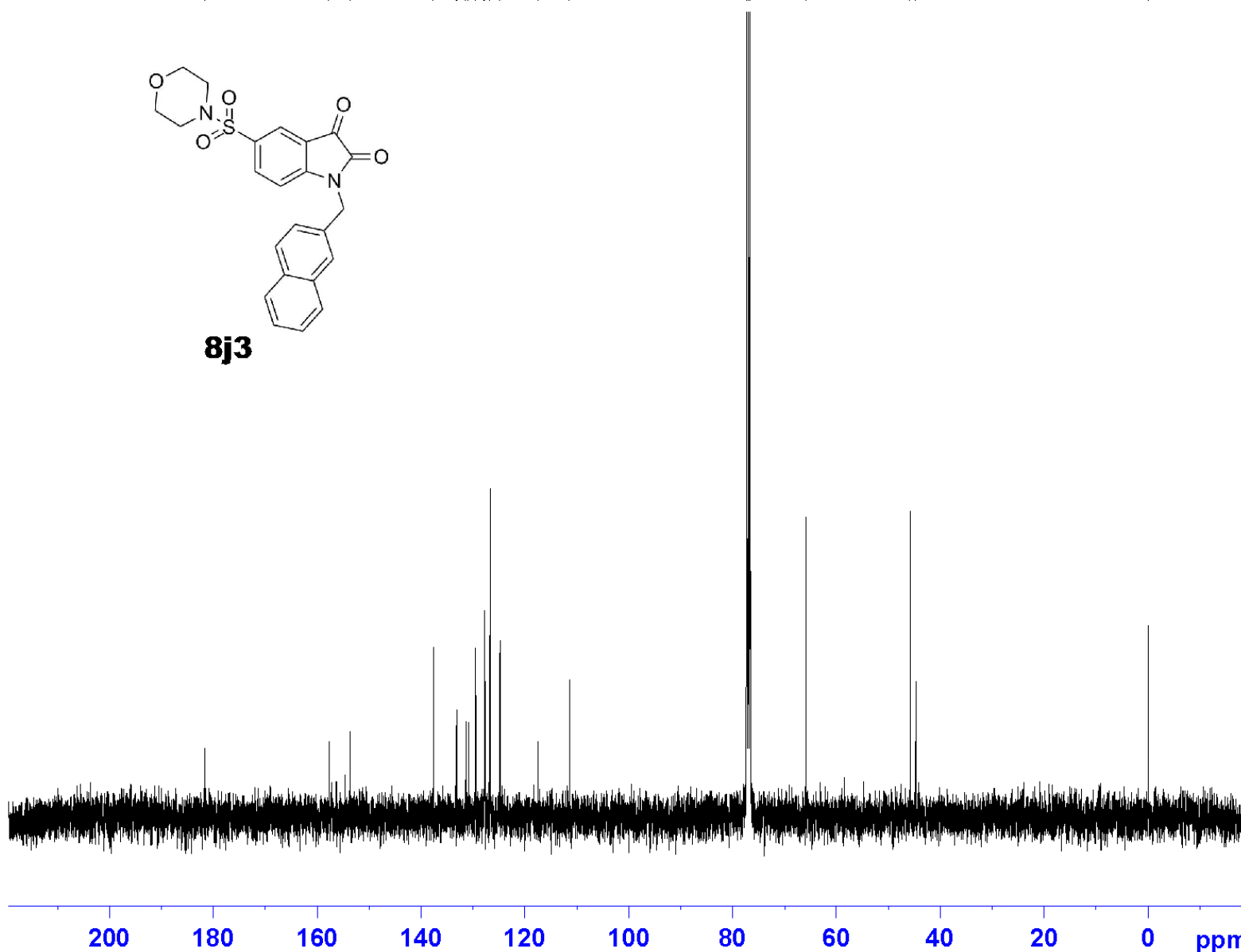
20121025

C13CPD CDCl3 D:\nmr_data ham

181.65
157.80
153.69
137.69
133.26
133.15
131.44
130.97
129.54
127.87
127.77
126.91
126.73
124.87
124.84
117.57
111.47
77.33
77.22
77.01
76.70
65.96
45.88
44.78
-0.01



8j3



Current Data Parameters
NAME ZHM-MANAI
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121025
Time 19.42
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20121025-057

20121025

C13CPD CDCl3 D:\nmr_data ham



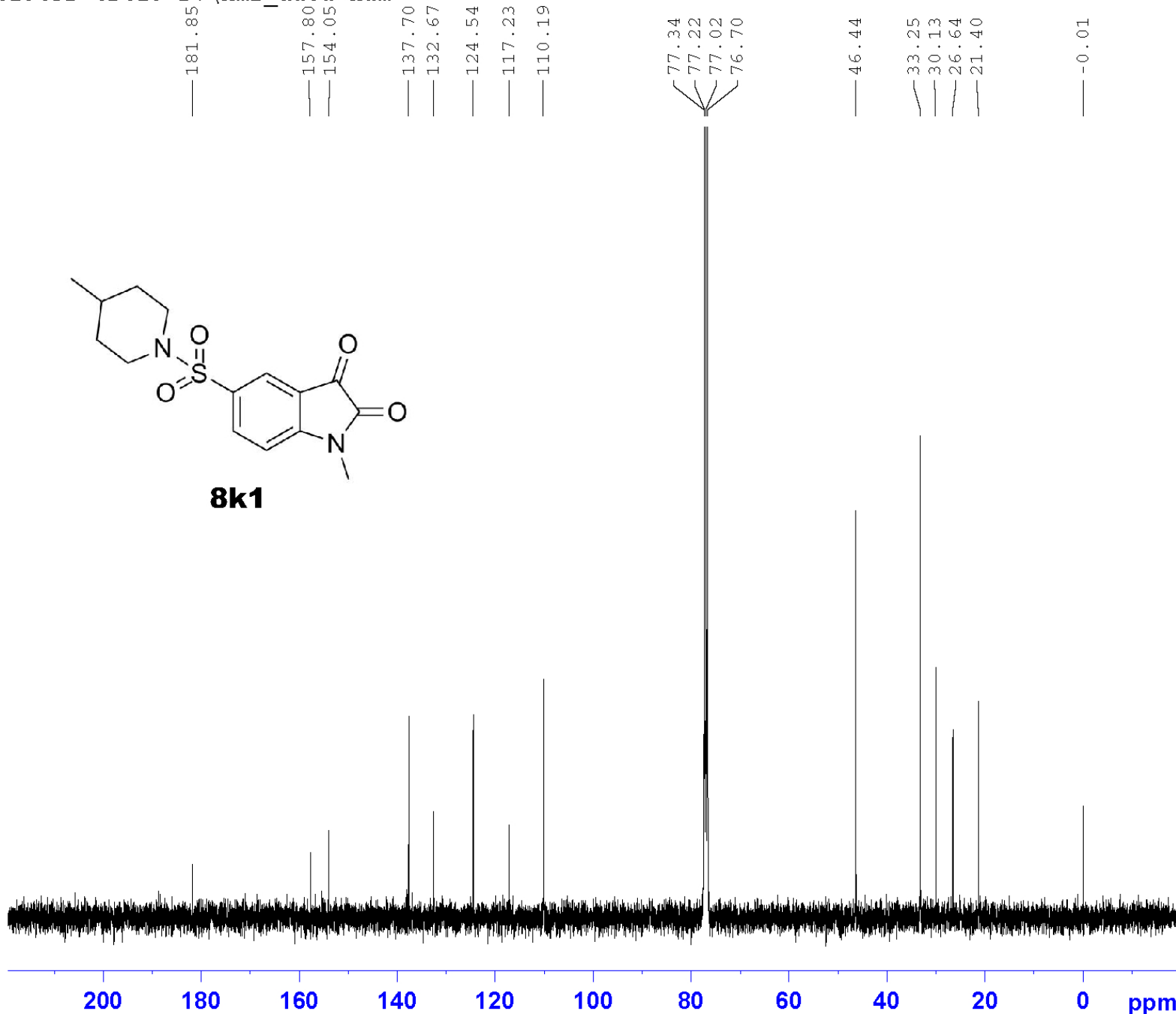
Current Data Parameters
NAME ZHM-4JIAJIA
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121026
Time 6.04
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



S20120709-016

20120709

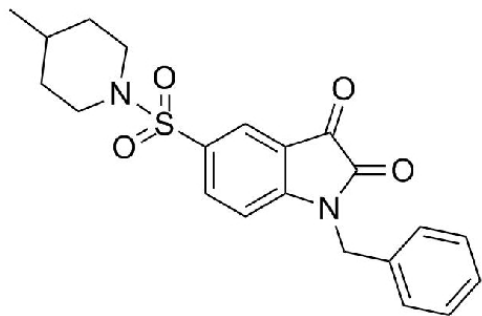
C13CPD CDCl3 D:\nmr_data ham

181.80
157.82
153.31
137.54
133.74
132.83
129.29
128.59
127.57
124.66
117.46
111.18

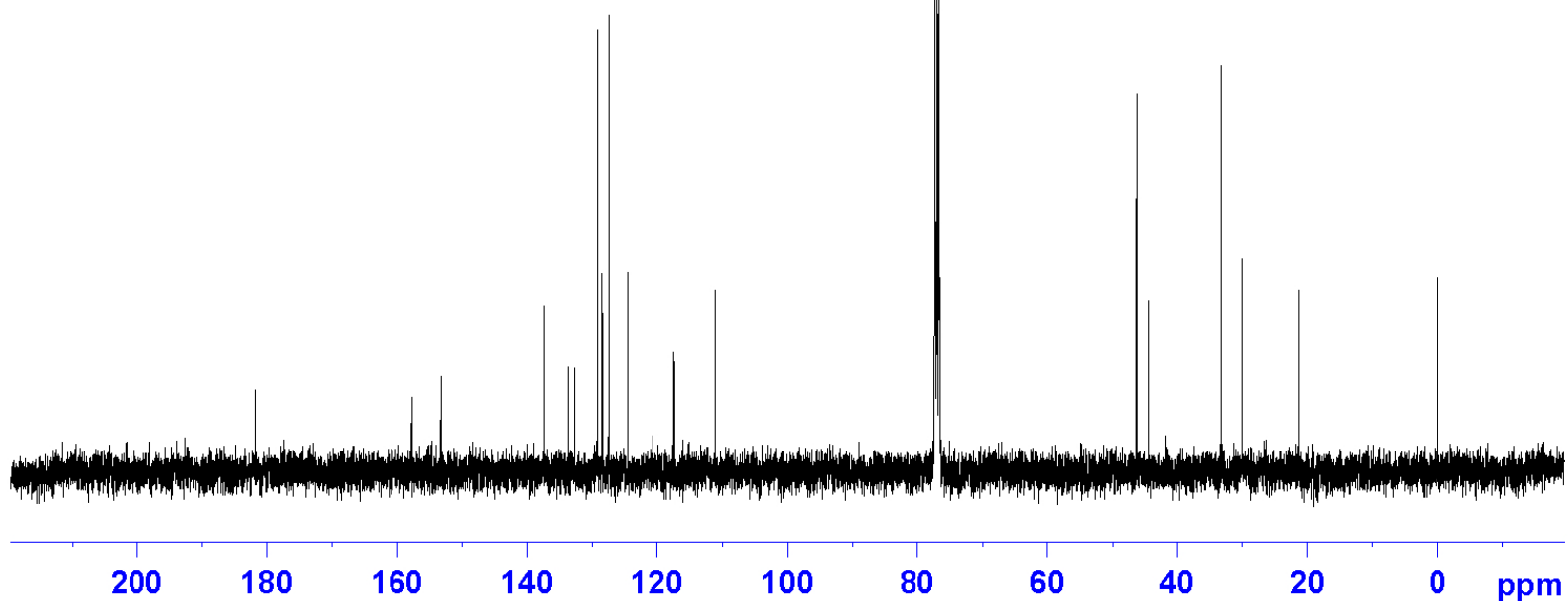
77.33
77.22
77.02
76.70

46.40
44.50
33.25
30.09
21.40

-0.01



8k2



Current Data Parameters
NAME ZHM-4JIABIAN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20120709
Time 20.24
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20121115-054

20121115

C13CPD CDCl3 D:\nmr data ham



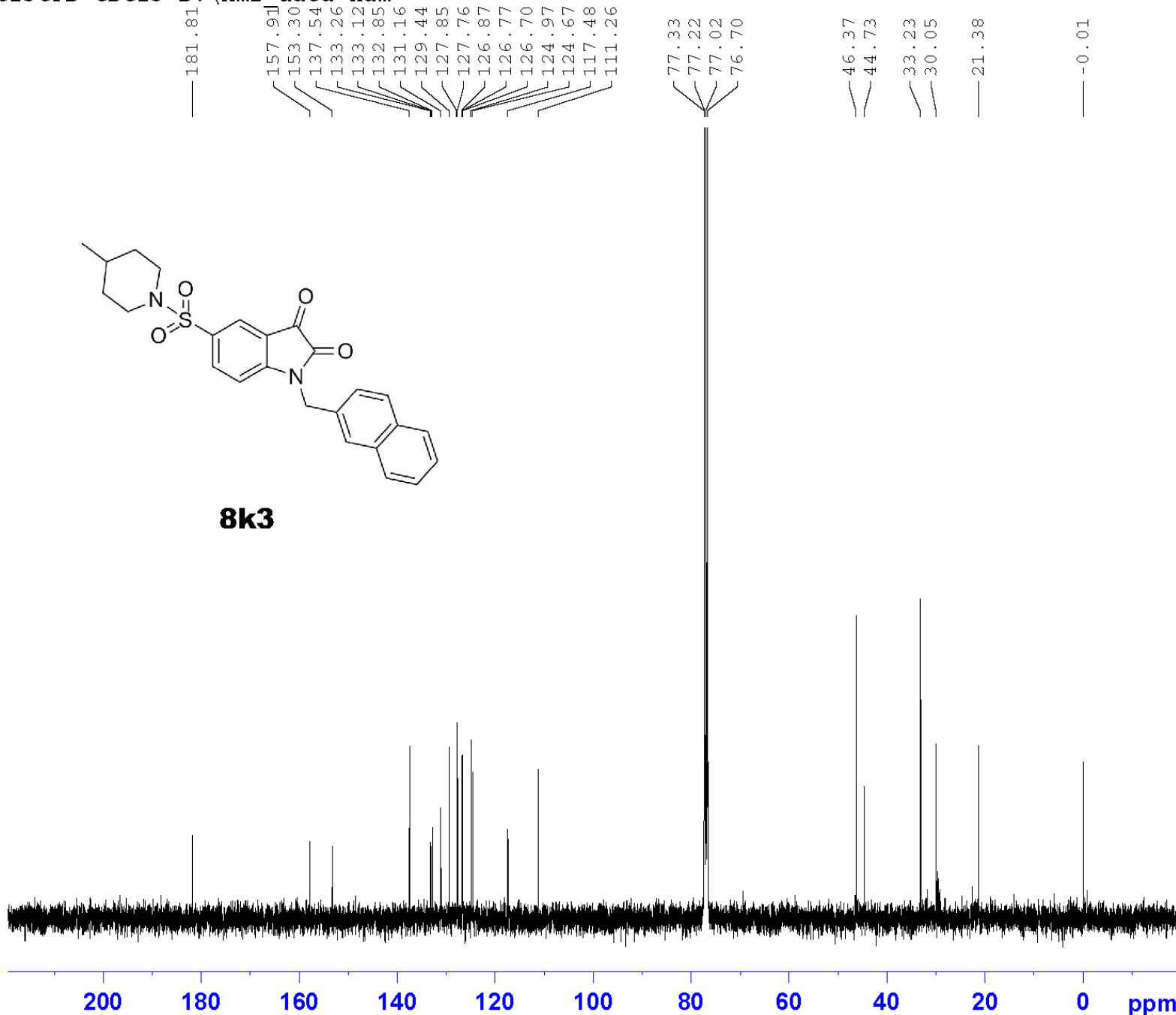
Current Data Parameters
NAME ZHM-4JIANAI
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121122
Time 3.26
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.4 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



S20121115-046

20121115

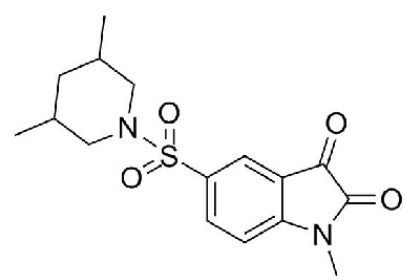
C13CPD CDCl3 D:\nmr_data ham

181.90
157.80
154.04
137.65
137.60
132.75
124.45
117.25
110.24

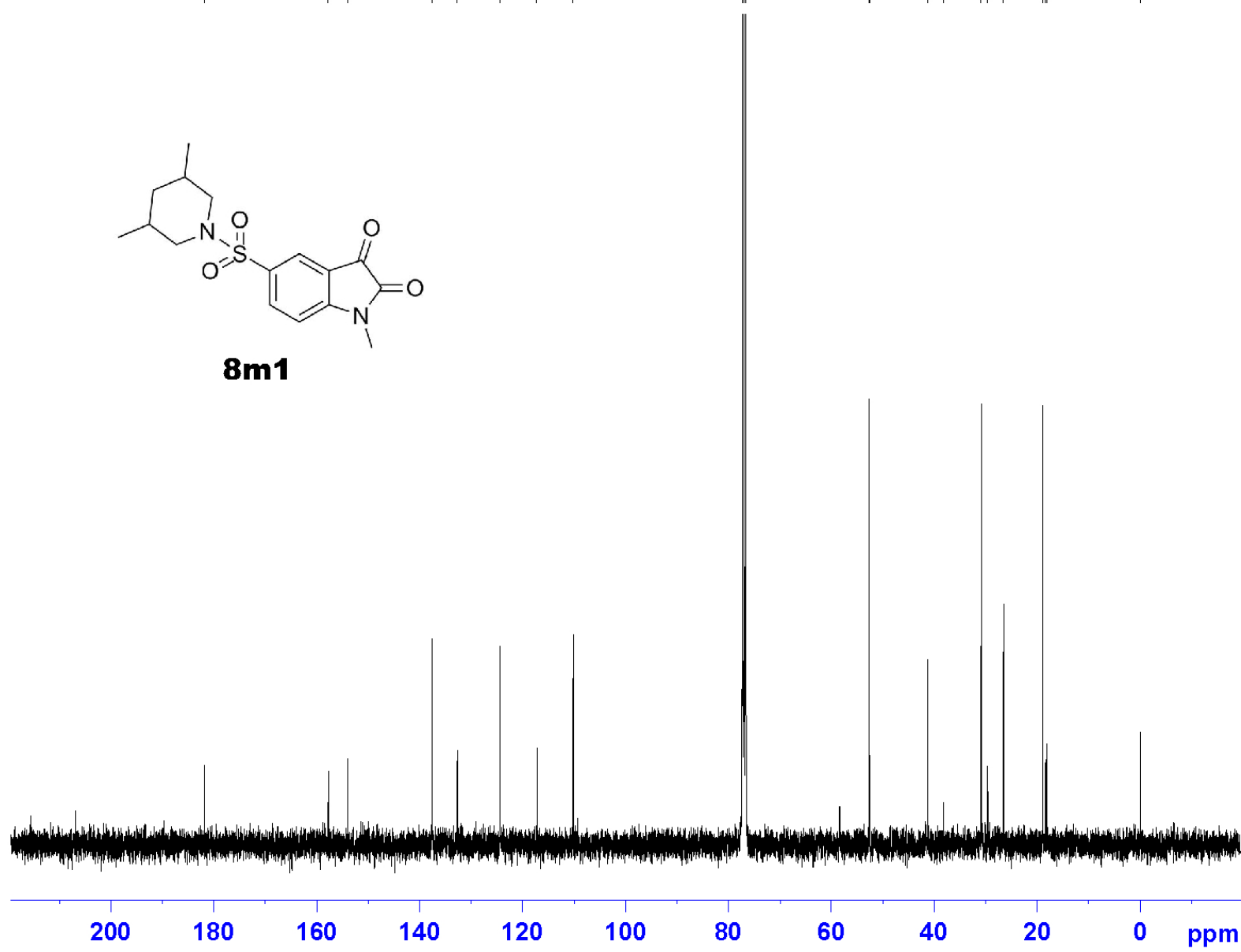
77.34
77.22
77.02
76.70

52.78
52.56
41.30
38.24
30.94
30.92
29.69
26.69
26.62
18.96
18.44
18.14

-0.01



8m1



Current Data Parameters
NAME ZHM-3.5ERJIAJIA
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121121
Time 19.04
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.8 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

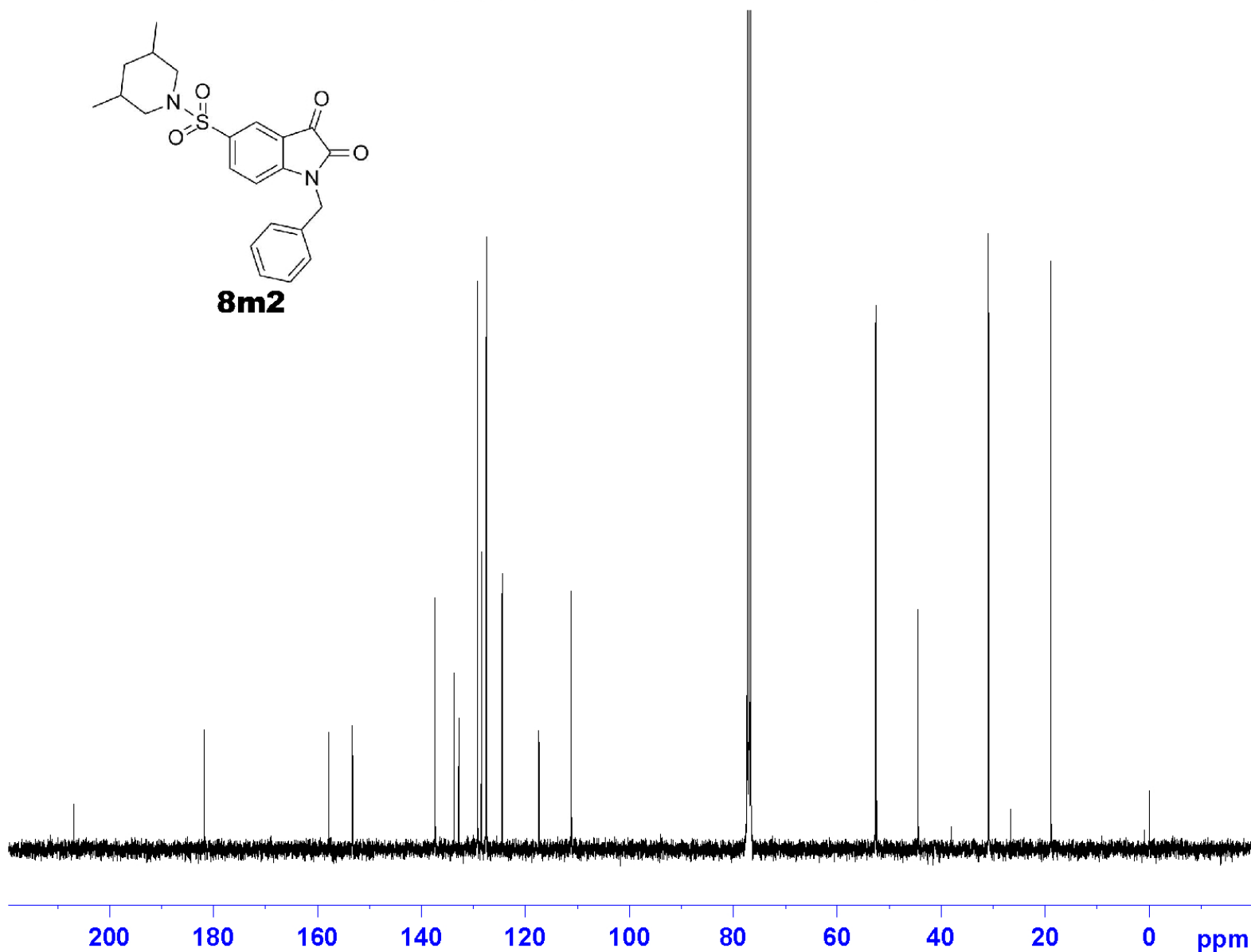
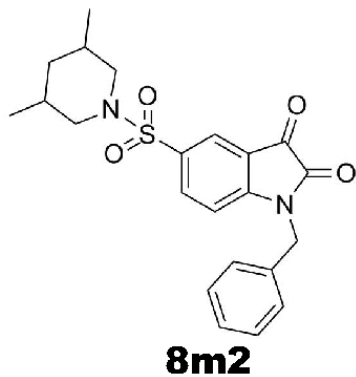
S20121115-052

20121115

C13CPD CDCl3 D:\nmr_data ham

206.98
181.87
157.85
153.33
137.47
133.81
132.89
129.27
128.56
127.61
124.54
117.47
111.26

77.36
77.24
77.04
76.72
52.69
52.48
44.50
41.25
30.96
30.91
18.94
-0.01



Current Data Parameters
NAME ZHM-3.5ERJIABIAN
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121122
Time 1.19
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 299.7 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S20121025-050

20121025

C13CPD CDC13 D:\nmr data ham



181.86
157.92
153.30
137.49
133.25
133.12
132.99
131.19
129.44
127.85
127.75
126.90
126.80
126.72
125.00
124.63
117.49
111.30

77.33
77.22
77.02
76.70

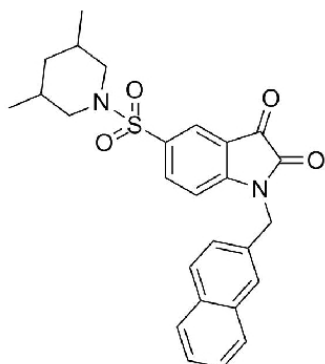
52.68

44.75
41.23

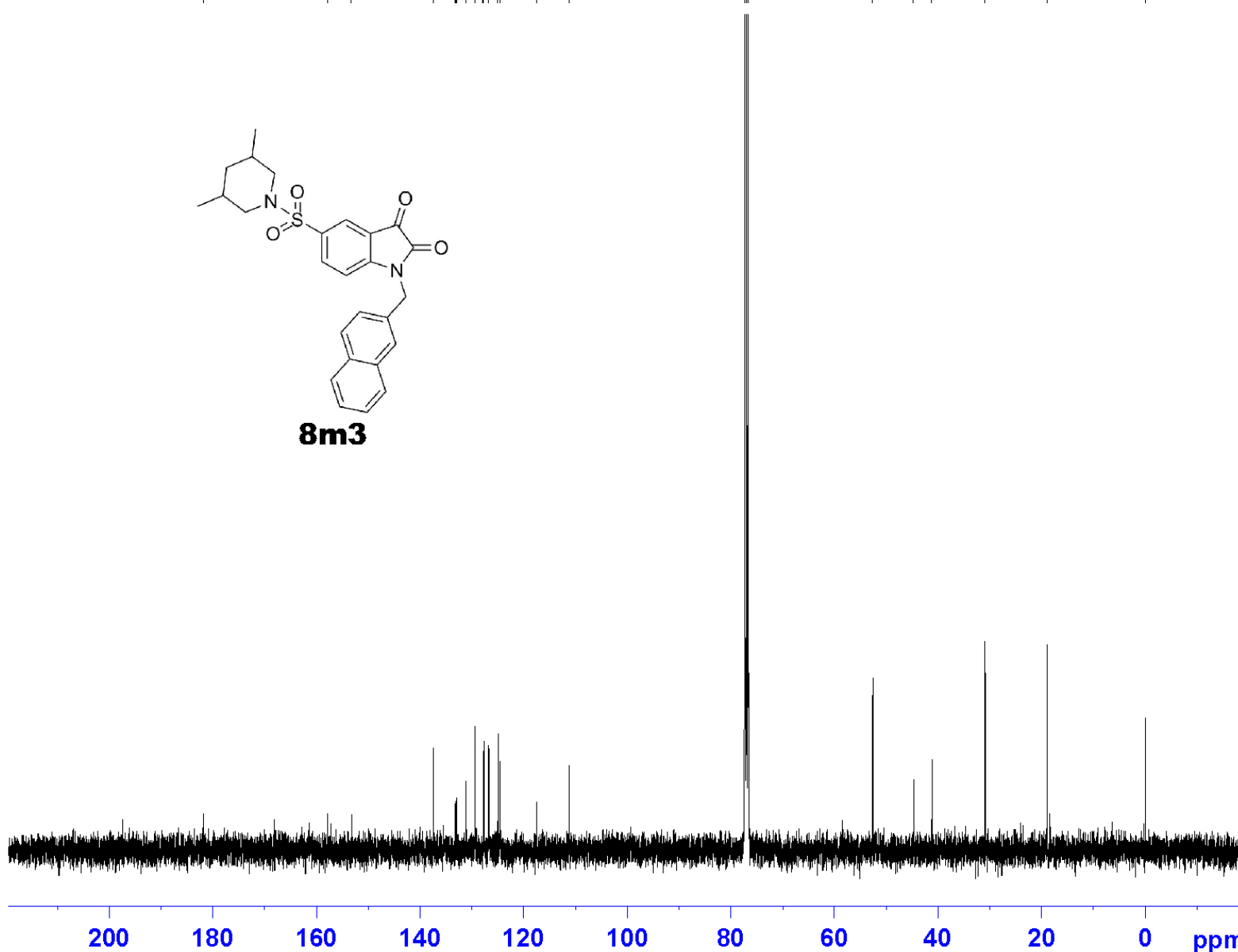
30.96

18.93

-0.00



8m3



Current Data Parameters
NAME ZHM-3.5-ERJIANAI
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20121025
Time 22.49
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 1024
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 203
DW 20.800 usec
DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec

==== CHANNEL f1 =====
NUC1 13C
P1 9.65 usec
PLW1 49.65900040 W
SFO1 100.6228293 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 usec
PLW2 12.85299969 W
PLW12 0.34196001 W
PLW13 0.27699000 W
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40