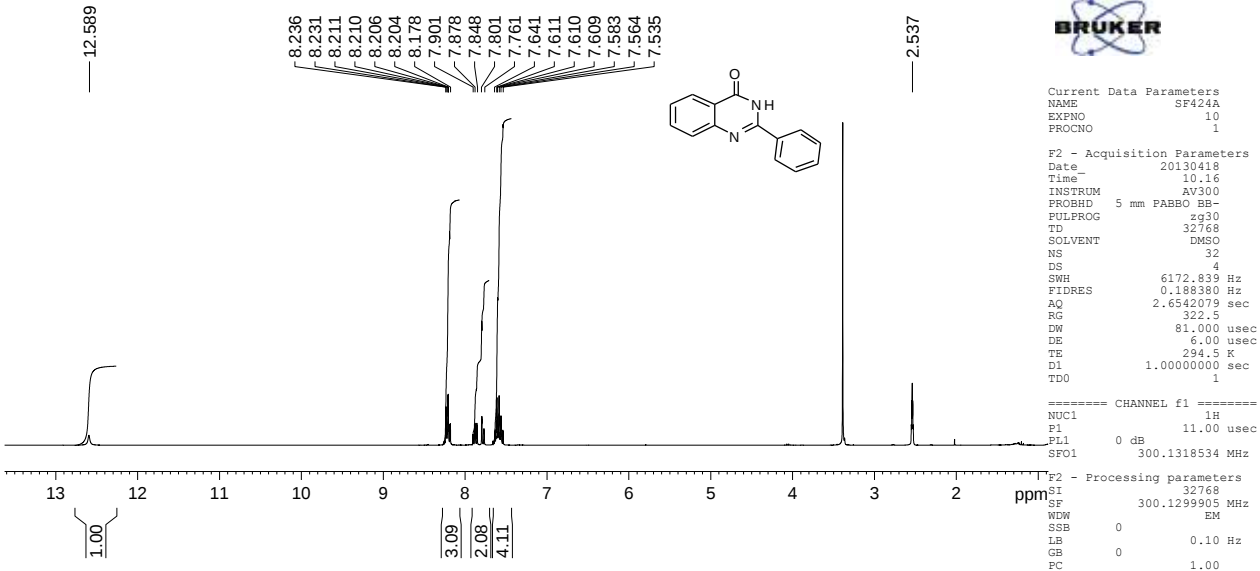
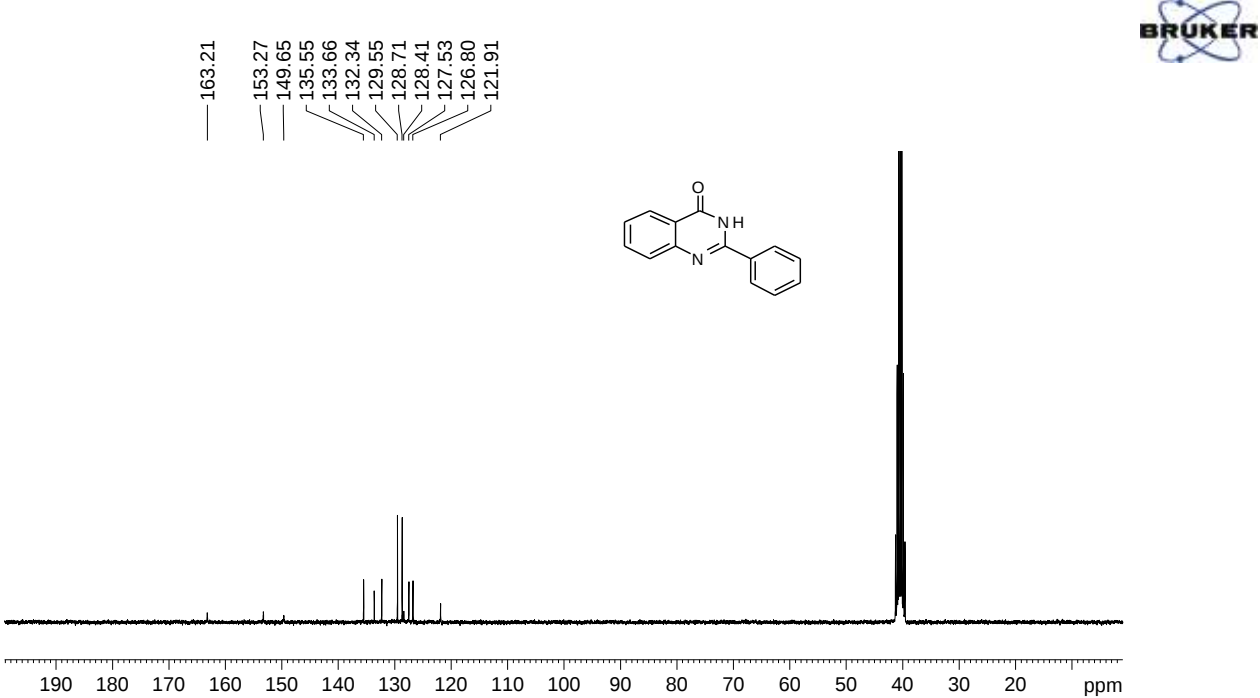


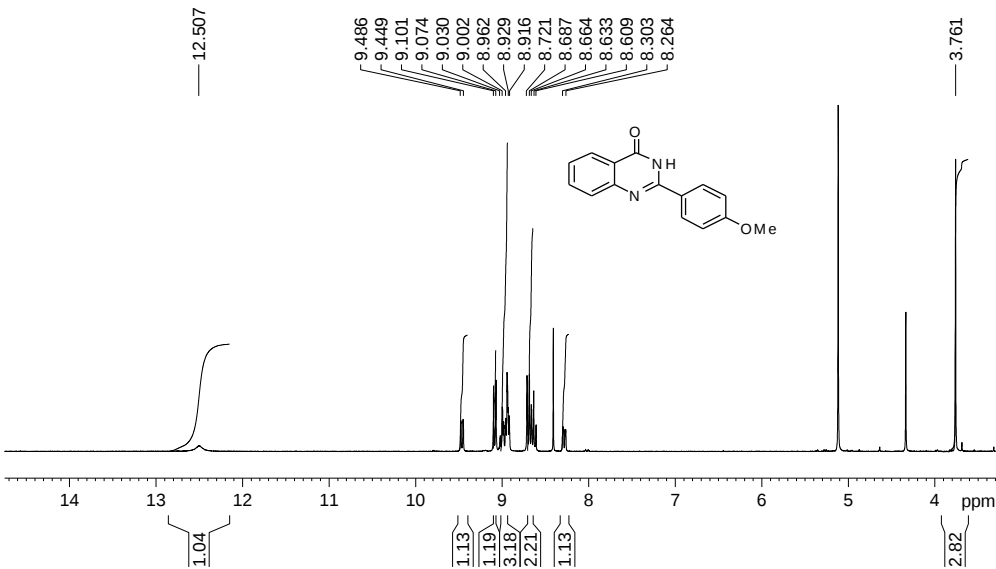
¹H NMR



¹³C NMR



¹H NMR



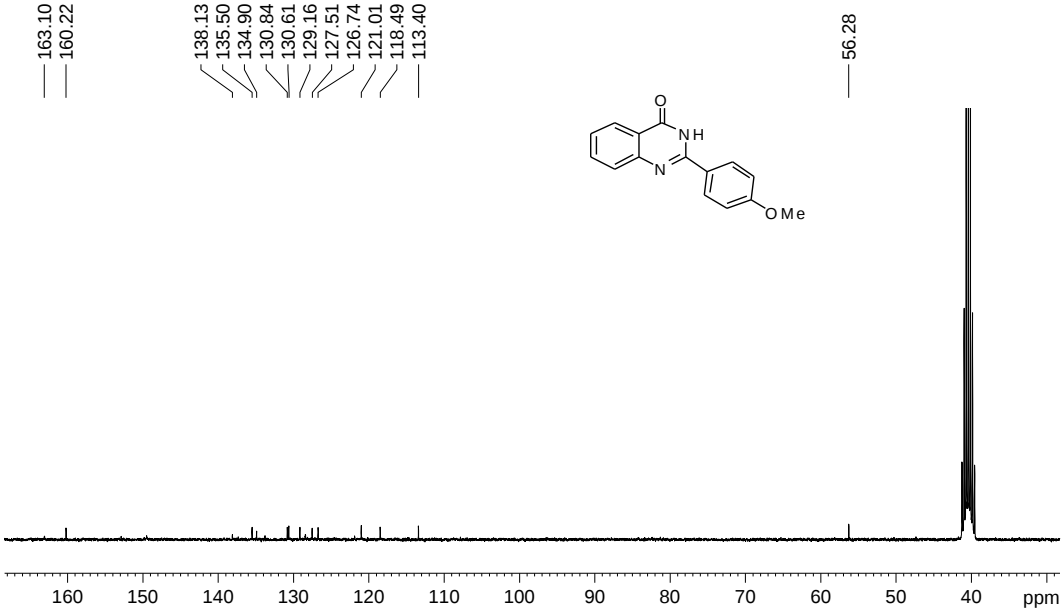
Current Data Parameters
NAME SF425B.f305
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130412
Time 12.12
INSTRUM FOURIER300
PROBHD 5 mm DUL 13C-1
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 6103.516 Hz
FIDRES 0.093132 Hz
AQ 5.3687091 sec
RG 99.5857
DW 81.920 usec
DE 6.50 usec
TE 297.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 300.2018539 MHz
NUC1 1H
P1 11.00 usec
PLW1 16.00000000 W

F2 - Processing parameters
SI 65536
SF 300.1996586 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹³C NMR



Current Data Parameters
NAME SF425B.f4000
EXPNO 10
PROCNO 1

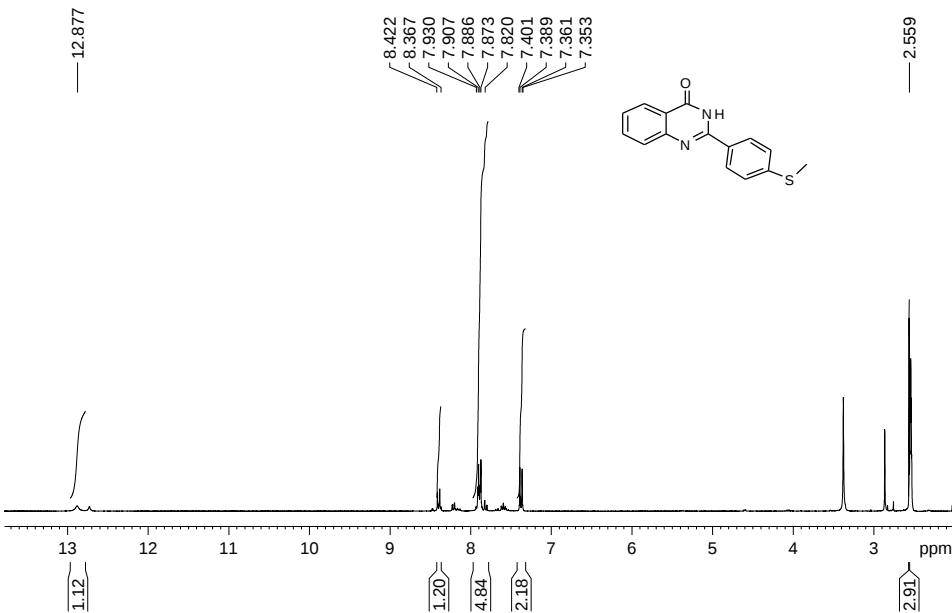
F2 - Acquisition Parameters
Date_ 20130418
Time 15.55
INSTRUM FOURIER300
PROBHD 5 mm DUL 13C-1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 4000
DS 4
SWH 24414.063 Hz
FIDRES 0.372529 Hz
AQ 1.3421773 sec
RG 501.187
DW 20.480 usec
DE 6.50 usec
TE 298.4 K
D1 2.00000000 sec
D11 0.01000000 sec
D31 0.00001140 sec
D40 0.02898005 sec
L4 40
L5 40
P32 90.00 usec
TD0 1

===== CHANNEL f1 =====
SFO1 75.4928982 MHz
NUC1 13C
P1 11.40 usec
PLW1 30.00000000 W

===== CHANNEL f2 =====
SFO2 300.2012008 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 90.00 usec
PLM2 16.00000000 W
PLM12 0.23801001 W
PLM13 0.19360000 W

F2 - Processing parameters
SI 2768
SF 75.4856768 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H NMR



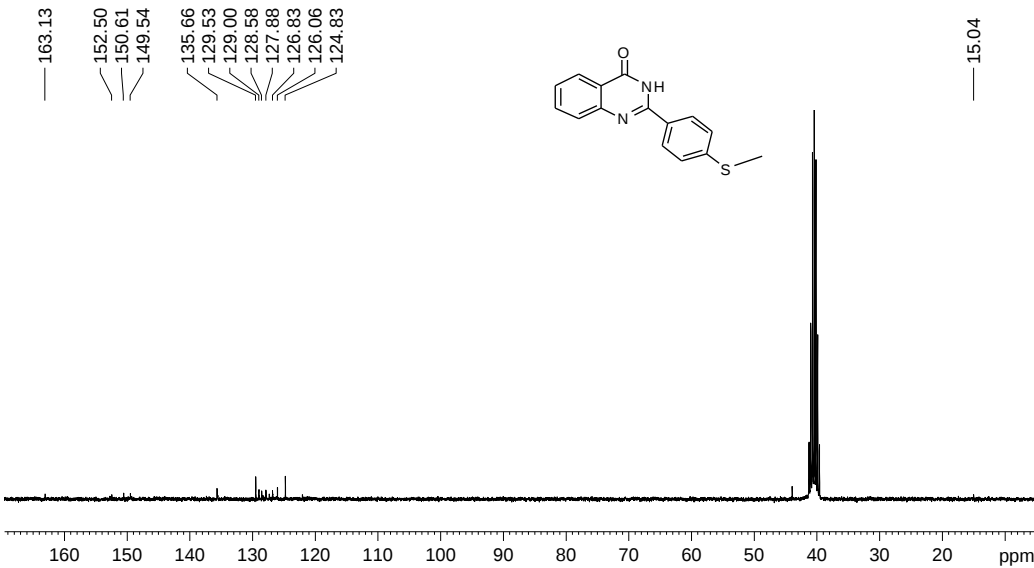
Current Data Parameters
NAME SF429B
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130425
Time 5.32
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 645.1
DW 81.000 usec
DE 6.00 usec
TE 294.1 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299891 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³C NMR

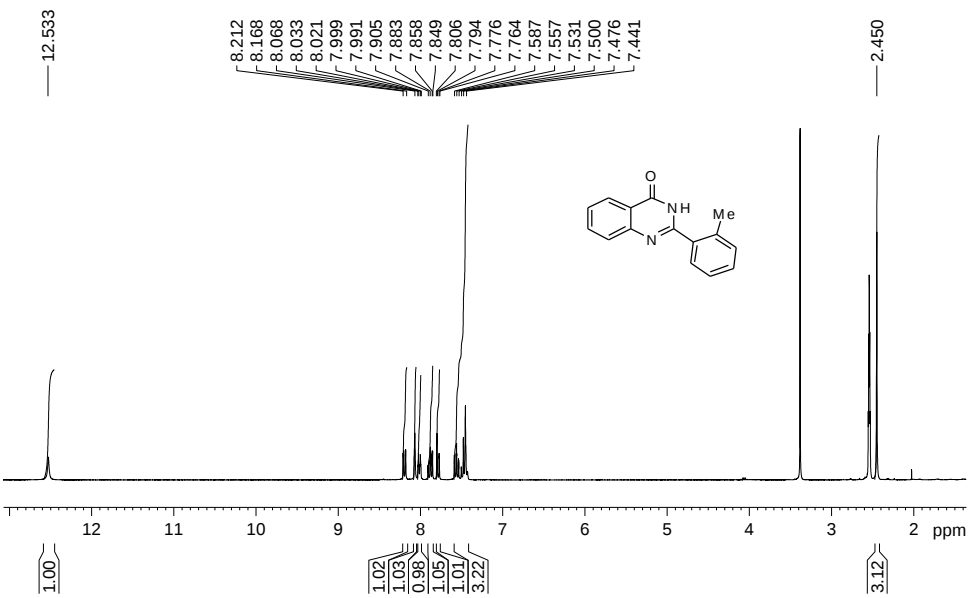


Current Data Parameters
NAME SF429 -J-39
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130607
Time 6.18
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 32768
SOLVENT DMSO
NS 1000
DS 4
SWH 21097.047 Hz
FIDRES 0.643831 Hz
AQ 0.7766016 sec
RG 32768
DW 23.700 usec
DE 6.00 usec
TE 295.5 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999999 sec
TD0 1
SFO1 75.4771825 MHz
NUC1 13C
P1 9.60 usec
PLW1 -1.00000000 W
SFO2 300.1312005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 100.00 usec
PLW2 -1.00000000 W
PLW12 -1.00000000 W
PLW13 -1.00000000 W

F2 - Processing parameters
SI 32768
SF 75.4677113 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H NMR



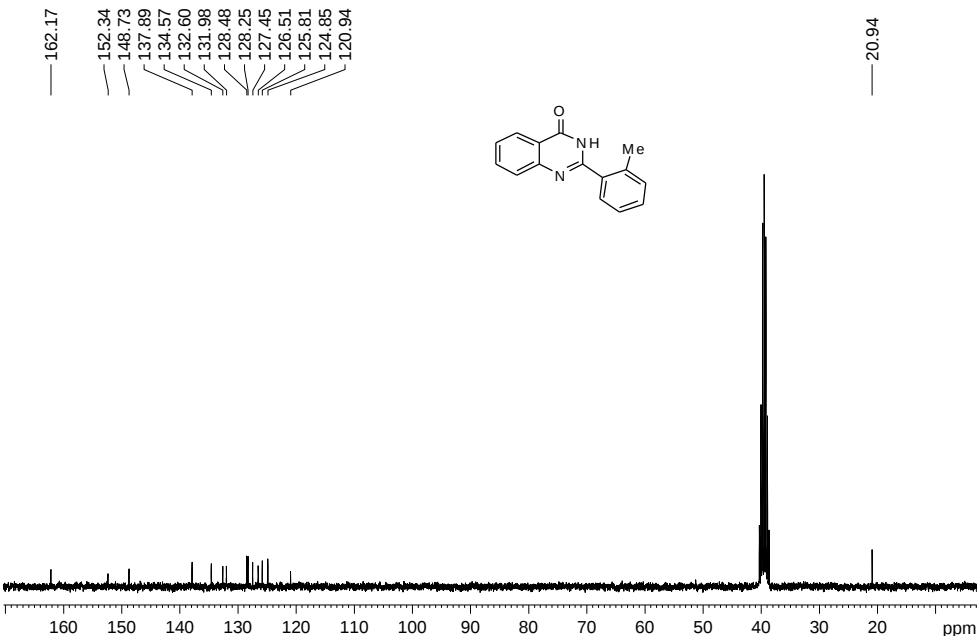
Current Data Parameters
NAME SF437A
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130425
Time 9.35
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 322.5
DW 81.000 usec
DE 6.00 usec
TE 294.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299894 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³C NMR

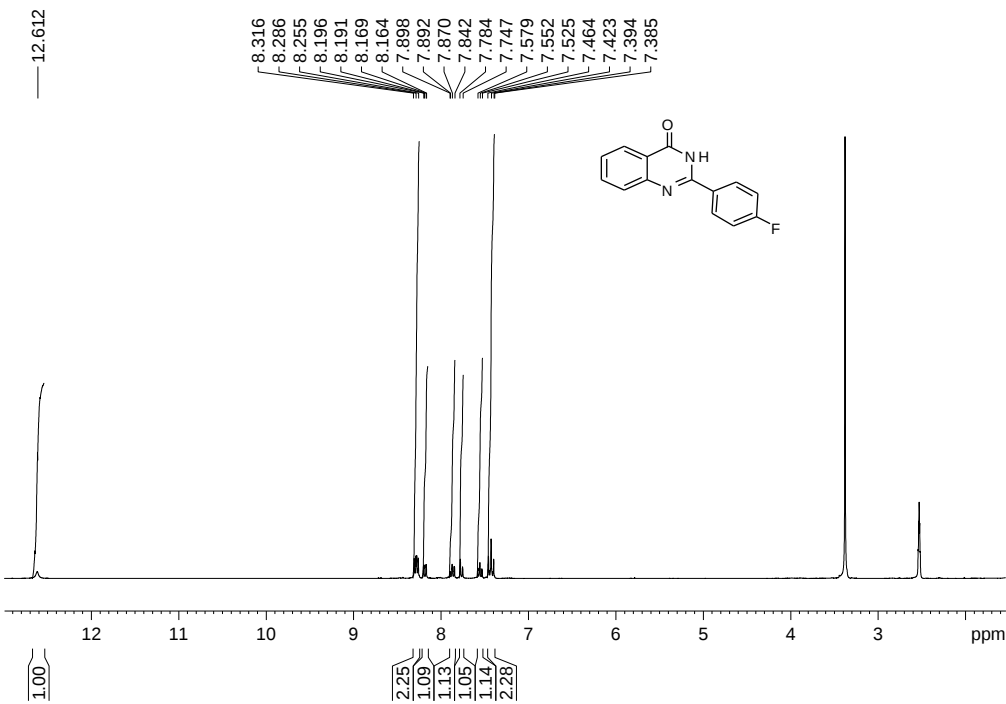


Current Data Parameters
NAME SF437A
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130425
Time 9.25
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 32768
SOLVENT DMSO
NS 256
DS 4
SWH 21097.047 Hz
FIDRES 0.643831 Hz
AQ 0.7766016 sec
RG 32768
DW 23.700 usec
DE 6.00 usec
TE 294.7 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999999 sec
TD0 1
SFO1 75.4771825 MHz
NUC1 13C
P1 9.60 usec
PLW1 -1.00000000 W
SFO2 300.1312005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 100.00 usec
PLW2 -1.00000000 W
PLW3 -1.00000000 W

F2 - Processing parameters
SI 32768
SF 75.4677867 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H NMR



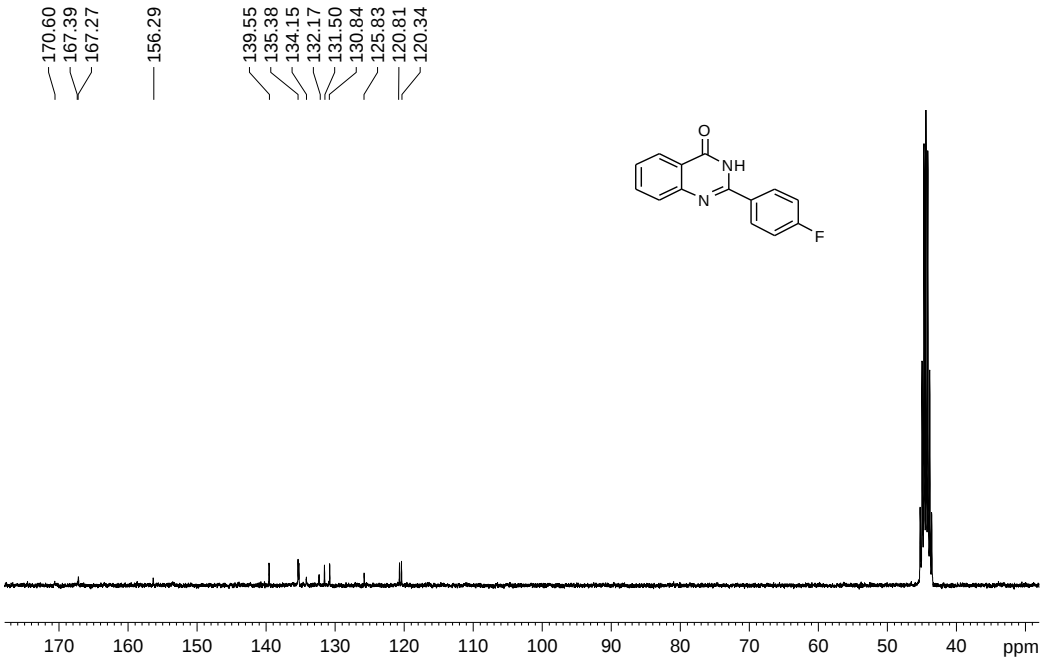
Current Data Parameters
NAME SF425B
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130418
Time_ 9.39
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 322.5
DW 81.000 usec
DE 6.00 usec
TE 294.5 K
D1 1.00000000 sec
TDO 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299926 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³C NMR



Current Data Parameters
NAME SF425 B 13C
EXPNO 10
PROCNO 1

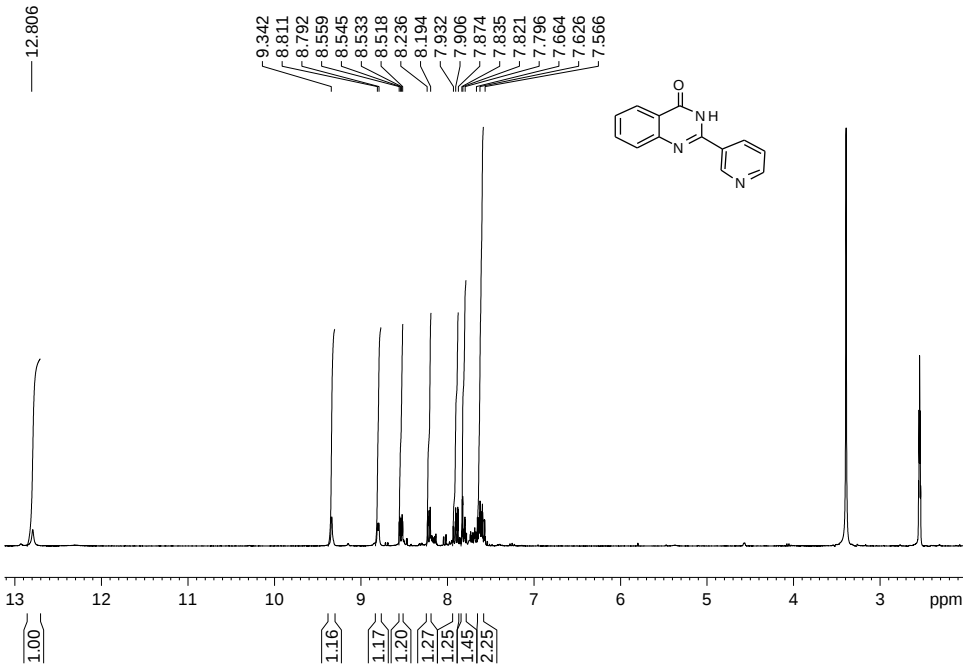
F2 - Acquisition Parameters
Date_ 20130418
Time_ 23.38
INSTRUM FOURIER300
PROBHD 5 mm QNP 13C-1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 4000
DS 4
SWH 24414.063 Hz
FIDRES 0.372529 Hz
AQ 1.3421773 sec
RG 501.187
DW 20.480 usec
DE 6.50 usec
TE 298.5 K
D1 2.00000000 sec
D11 0.03000000 sec
D31 0.00001140 sec
D40 0.02898003 sec
L4 40
L5 57
P32 90.00 usec
TDO 1

===== CHANNEL f1 =====
SFO1 75.4928982 MHz
NUC1 13C
P1 11.40 usec
PLM1 30.00000000 W

===== CHANNEL f2 =====
SFO2 300.2012008 MHz
NUC2 1H
CPOPRG2 waltz16
PCPD2 90.00 usec
PLM2 16.00000000 W
PLM12 0.23901001 W
PLM13 0.19360000 W

F2 - Processing parameters
SI 32768
SF 75.4853726 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H NMR



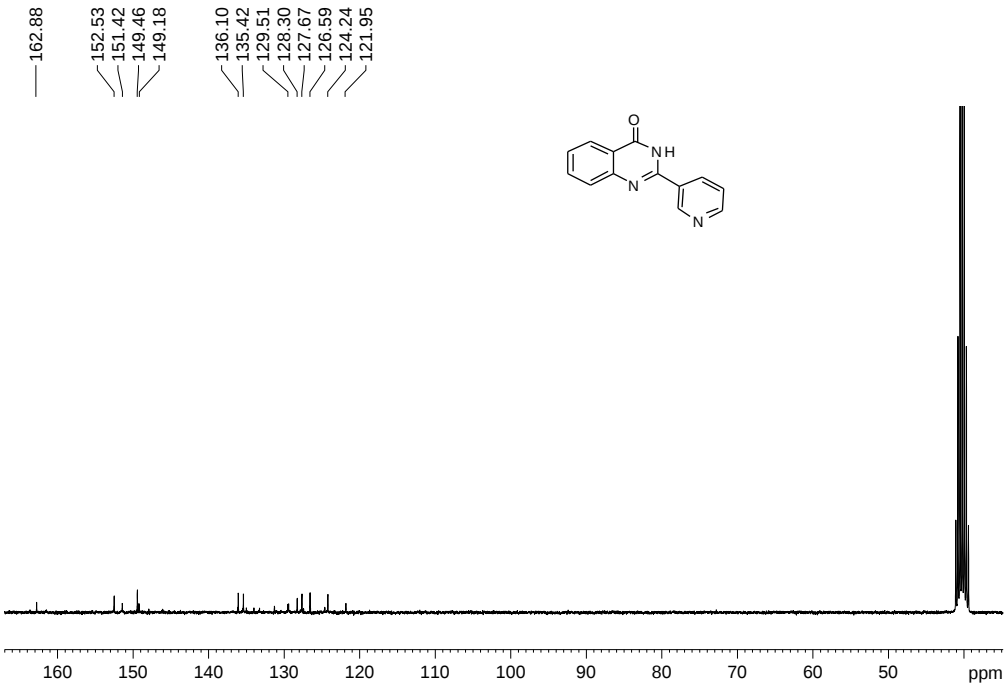
Current Data Parameters
NAME SF427B
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130418
Time 9.08
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 322.5
DW 81.000 usec
DE 6.00 usec
TE 294.4 K
D1 1.00000000 sec
TDO 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299881 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³C NMR



Current Data Parameters
NAME SF427B 13C
EXPNO 10
PROCNO 1

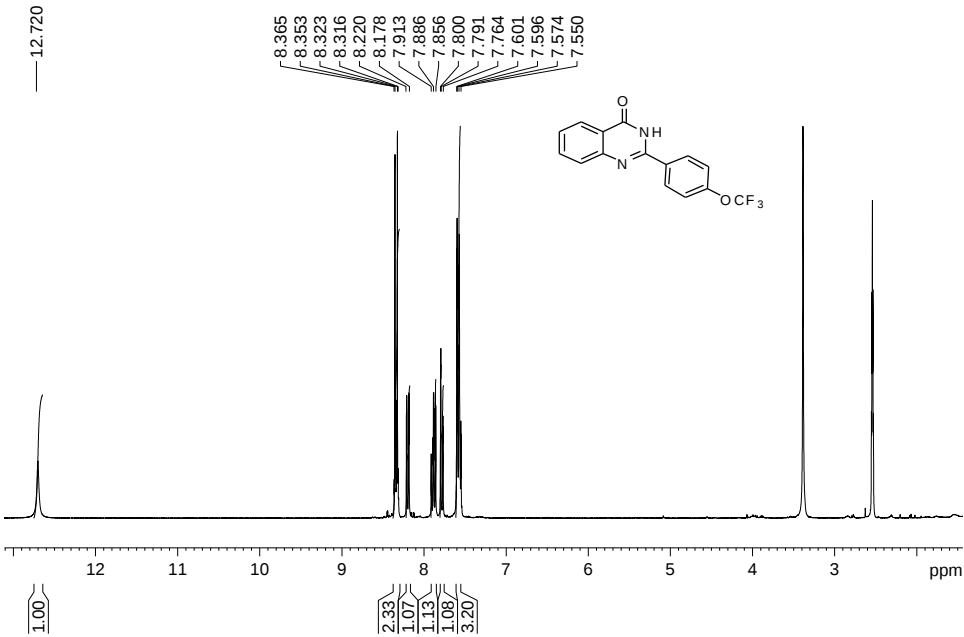
F2 - Acquisition Parameters
Date_ 20130418
Time 19.46
INSTRUM FOURIER300
PROBHD 5 mm DUL 13C-1
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 4000
DS 4
SWH 24414.063 Hz
FIDRES 0.372529 Hz
AQ 1.3421773 sec
RG 301.187
DW 20.480 usec
DE 6.50 usec
TE 298.3 K
D1 2.00000000 sec
D11 0.03000000 sec
D31 0.00001140 sec
D40 0.02898000 sec
L4 40
L5 57
P22 90.00 usec
TDO 1

===== CHANNEL f1 =====
SFO1 75.4928982 MHz
NUC1 13C
P1 11.40 usec
PLW1 30.00000000 W

===== CHANNEL f2 =====
SFO2 300.2012008 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 90.00 usec
PLW2 16.00000000 W
PLW12 0.23901001 W
PLW13 0.19366000 W

F2 - Processing parameters
SI 32768
SF 75.4857978 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H NMR



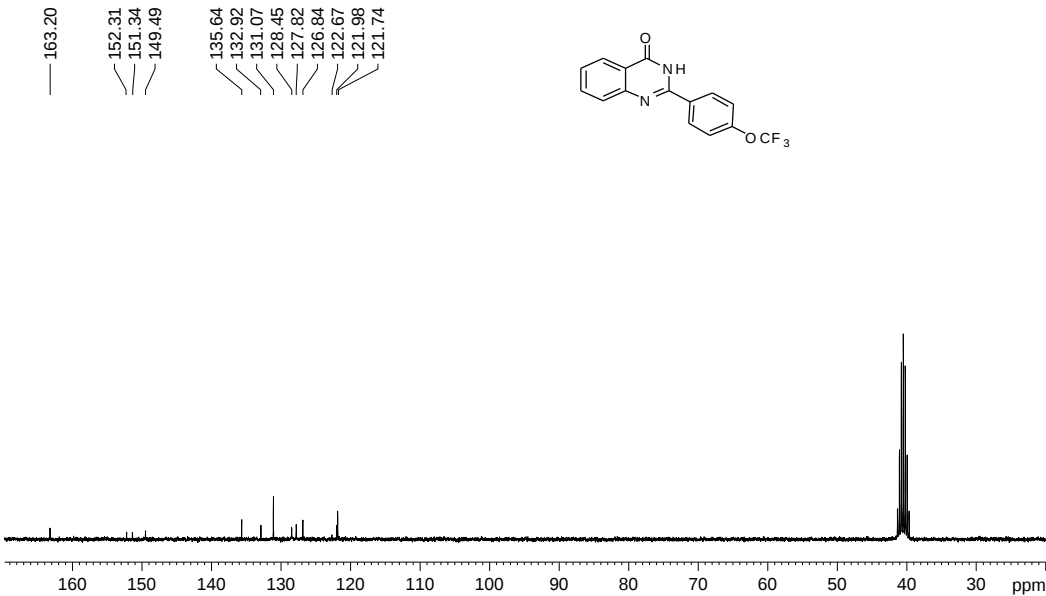
Current Data Parameters
NAME SF430A
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130419
Time 13.41
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 322.5
DW 81.000 usec
DE 6.00 usec
TE 294.6 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299899 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³C NMR

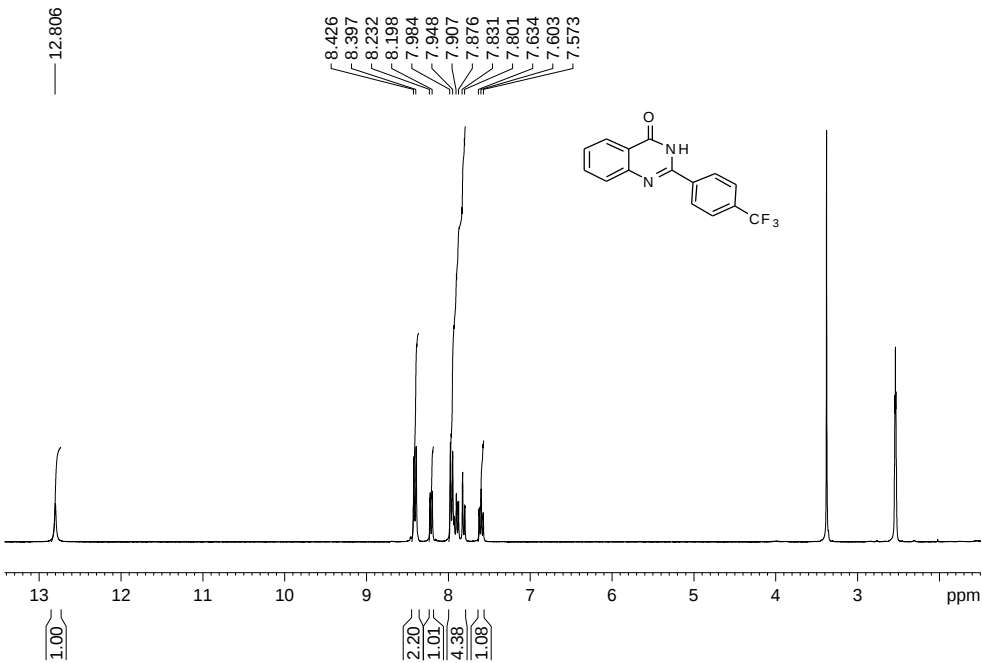


Current Data Parameters
NAME SF430A
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130419
Time 13.54
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 32768
SOLVENT DMSO
NS 256
DS 4
SWH 21097.047 Hz
FIDRES 0.643831 Hz
AQ 0.7766016 sec
RG 32768
DW 23.700 usec
DE 6.00 usec
TE 295.1 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1
SFO1 75.4771825 MHz
NUC1 13C
P1 9.60 usec
PLW1 -1.00000000 W
SFO2 300.1312005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 100.00 usec
PLW2 -1.00000000 W
PLW12 -1.00000000 W
PLW13 -1.00000000 W

F2 - Processing parameters
SI 32768
SF 75.4677113 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H NMR



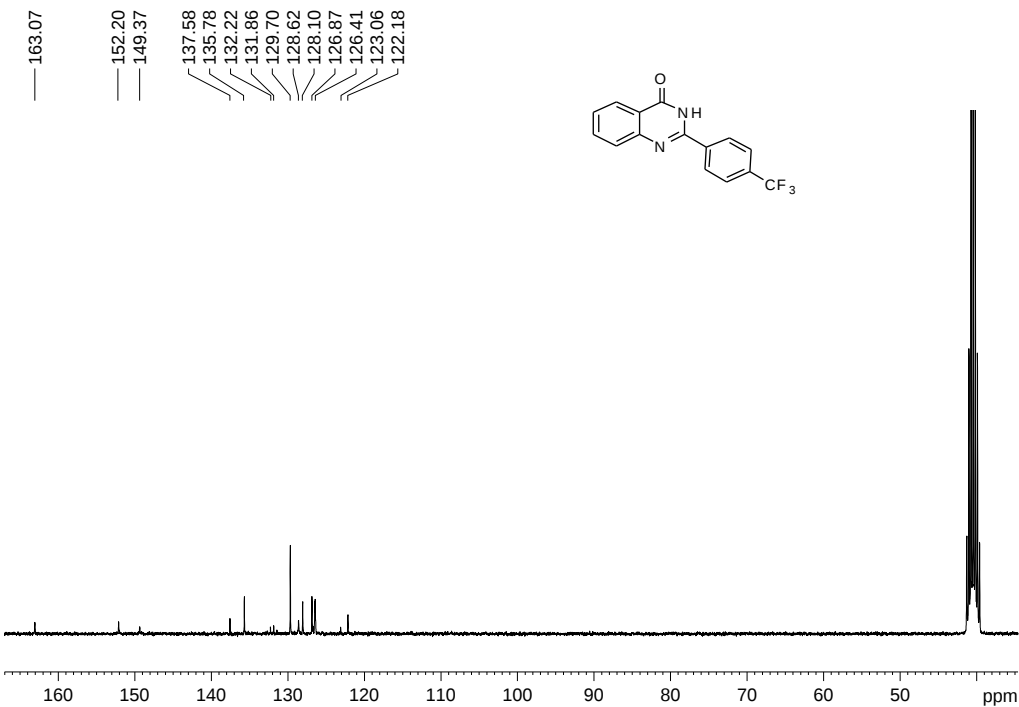
Current Data Parameters
NAME SF431A
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130419
Time 12.01
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 322.5
DW 81.000 usec
DE 6.000 usec
TE 294.4 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299999 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³C NMR



Current Data Parameters
NAME SF431A 13C
EXPNO 10
PROCNO 1

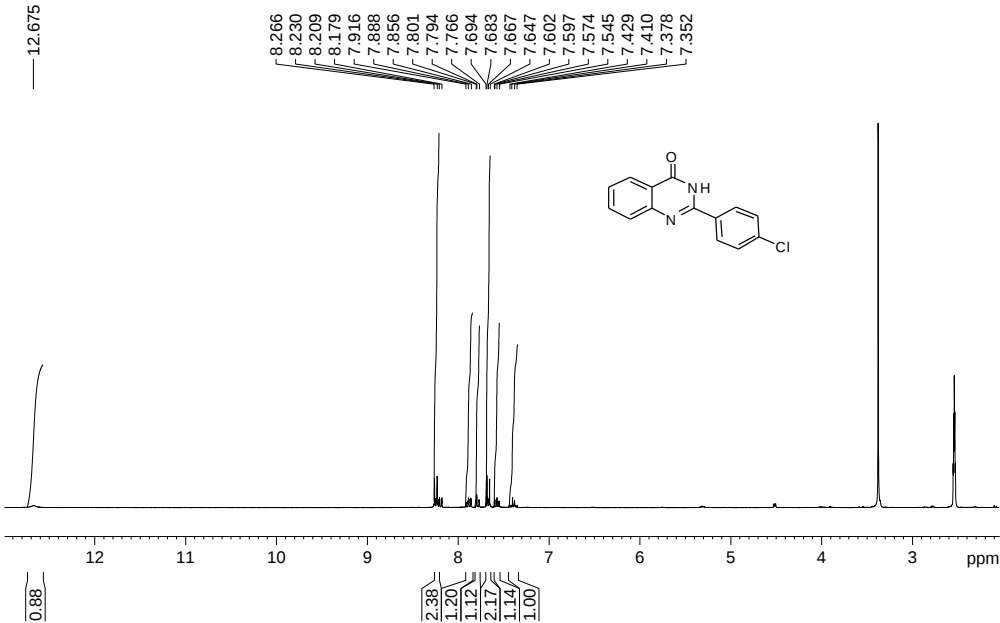
F2 - Acquisition Parameters
Date_ 20130420
Time 8.45
INSTRUM FOURIER300
PROBHD 5 mm DUL 13C-1
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 5000
DS 4
SWH 24414.063 Hz
FIDRES 0.372529 Hz
AQ 1.3421773 sec
RG 501.187
DW 20.480 usec
DE 6.500 usec
TE 297.5 K
D1 2.00000000 sec
D11 0.03000000 sec
D31 0.00001140 sec
D40 0.02898005 sec
L4 40
L5 57
P32 90.00 usec
TD0 1

===== CHANNEL f1 =====
SFO1 75.4928982 MHz
NUC1 13C
P1 11.40 usec
PLW1 30.00000000 W

===== CHANNEL f2 =====
SFO2 300.2012008 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 90.00 usec
PLW2 16.00000000 W
PLW12 0.2390101 W
PLW13 0.19360000 W

F2 - Processing parameters
SI 32768
SF 75.4856713 MHz
WDW BM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H NMR



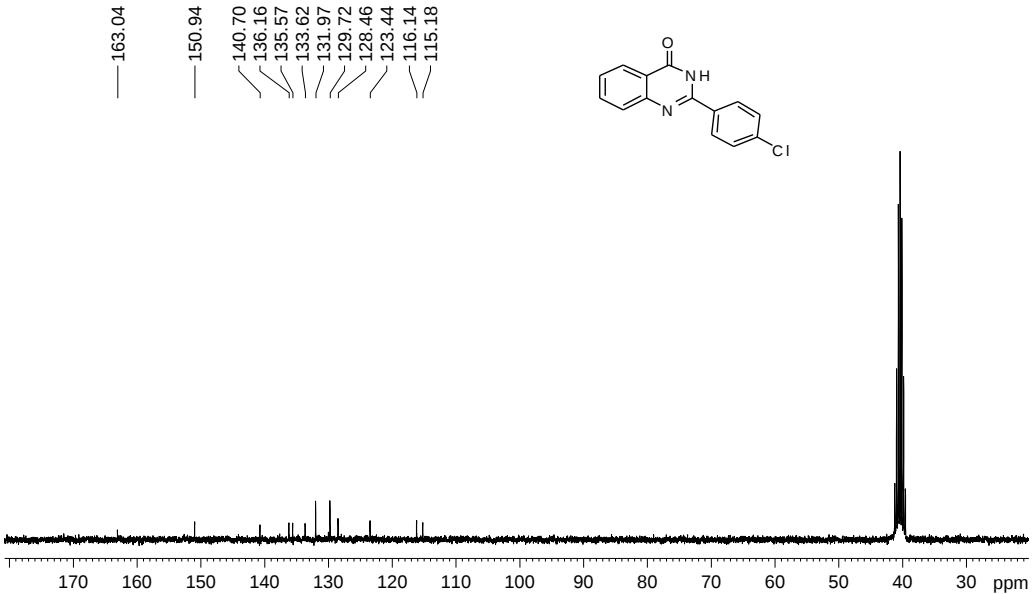
Current Data Parameters
NAME SF432A
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130419
Time 12.40
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 645.1
DW 81.000 usec
DE 6.00 usec
TE 294.4 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299896 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³C NMR

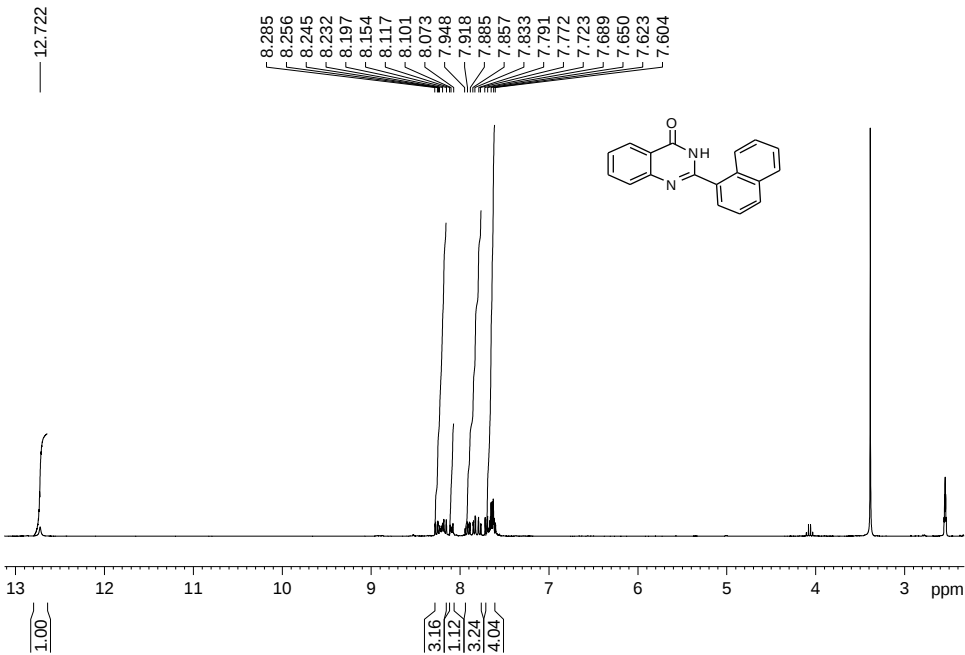


Current Data Parameters
NAME SF303
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130121
Time 17.25
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 256
DS 4
SWH 21097.047 Hz
FIDRES 0.643831 Hz
AQ 0.7766016 sec
RG 32768
DW 23.700 usec
DE 6.00 usec
TE 294.1 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1
SFO1 75.4771825 MHz
NUC1 13C
P1 9.60 usec
PLW1 -1.00000000 W
SFO2 300.1312005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 100.00 usec
PLW2 -1.00000000 W
PLW12 -1.00000000 W
PLW13 -1.00000000 W

F2 - Processing parameters
SI 32768
SF 75.4680774 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H NMR



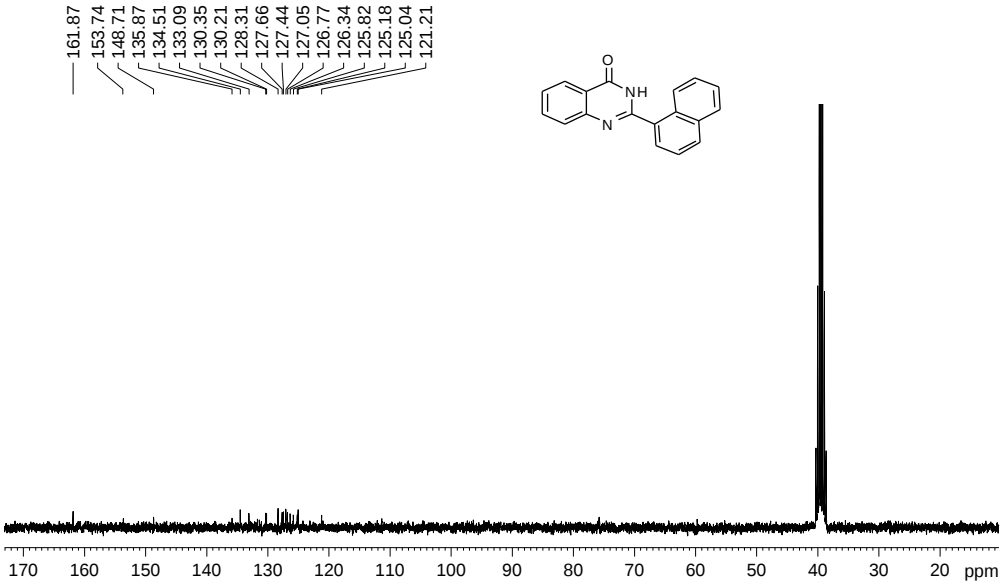
Current Data Parameters
NAME SF434A
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130420
Time 11.42
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 574.7
DW 81.000 usec
DE 6.00 usec
TE 294.3 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299883 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³C NMR

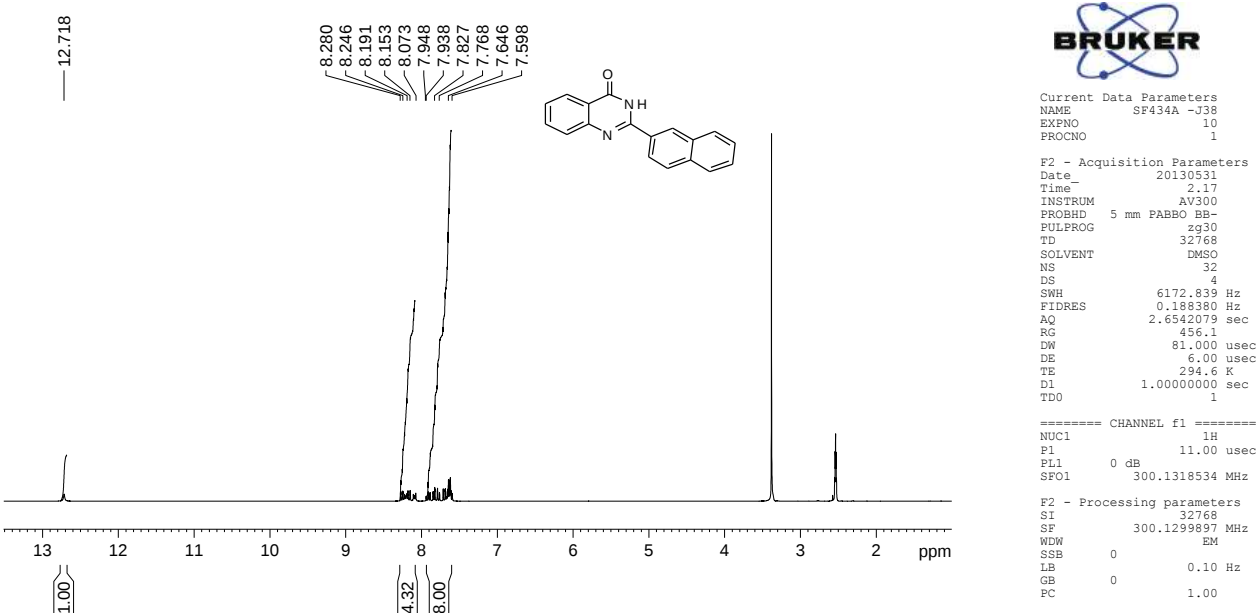


Current Data Parameters
NAME SF434A
EXPNO 11
PROCNO 1

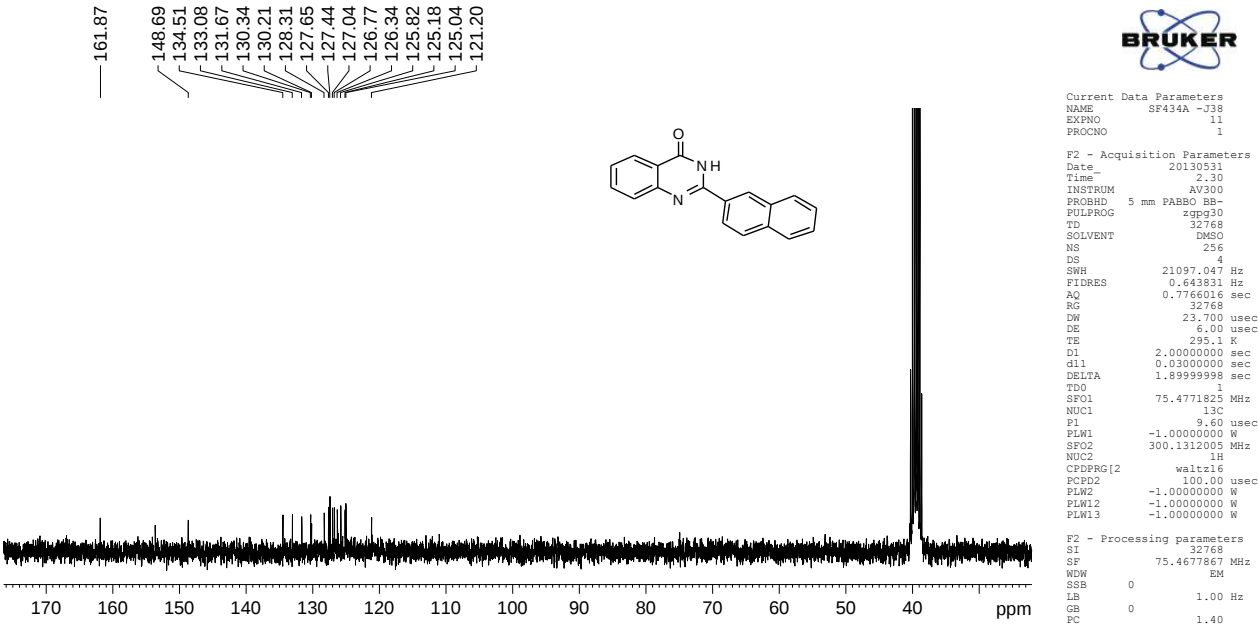
F2 - Acquisition Parameters
Date_ 20130420
Time 11.54
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 32768
SOLVENT DMSO
NS 256
DS 4
SWH 21097.047 Hz
FIDRES 0.643831 Hz
AQ 0.7760016 sec
RG 32768
DW 23.700 usec
DE 6.00 usec
TE 294.9 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1
SFO1 75.4771825 MHz
NUC1 13C
P1 9.60 usec
PLW1 -1.00000000 W
SFO2 300.1312005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 100.00 usec
PLW2 -1.00000000 W
PLW12 -1.00000000 W
PLW13 -1.00000000 W

F2 - Processing parameters
SI 32768
SF 75.4677867 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

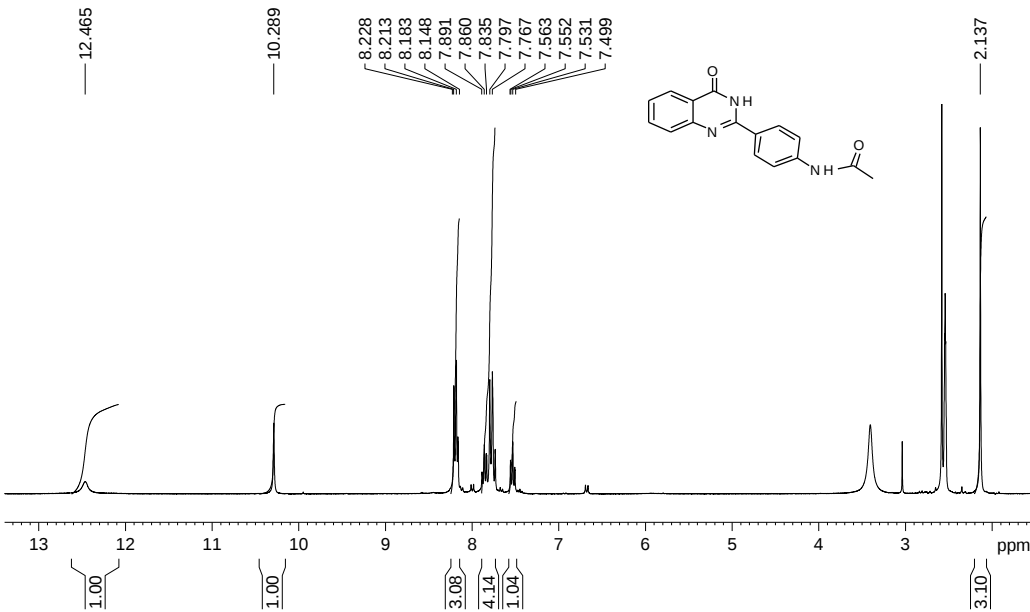
¹H NMR



¹³C NMR



¹H NMR



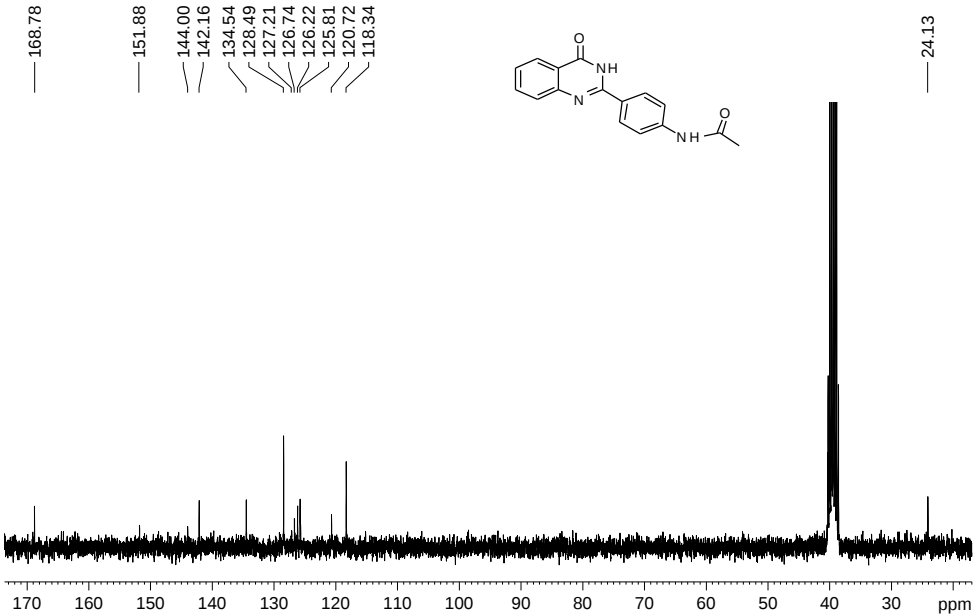
Current Data Parameters
NAME SF439A-J
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130531
Time 1.46
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 322.5
DW 81.000 usec
DE 6.00 usec
TE 294.6 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299888 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³C NMR

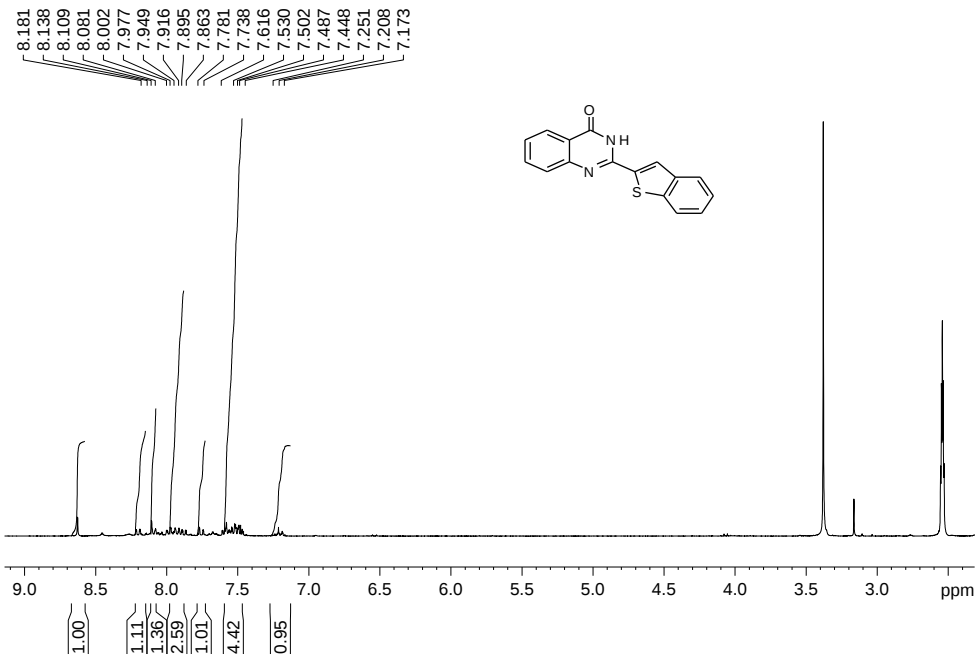


Current Data Parameters
NAME SF439A-J
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130531
Time 2.00
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 32768
SOLVENT DMSO
NS 256
DS 4
SWH 21097.047 Hz
FIDRES 0.643831 Hz
AQ 0.7766016 sec
RG 32768
DW 23.700 usec
DE 6.00 usec
TE 295.1 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1
SFO1 75.4771825 MHz
NUC1 13C
P1 9.60 usec
PLW1 -1.00000000 W
SFO2 300.1312005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 100.00 usec
PLW2 -1.00000000 W
PLW12 -1.00000000 W
PLW13 -1.00000000 W

F2 - Processing parameters
SI 32768
SF 75.4677867 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹H NMR



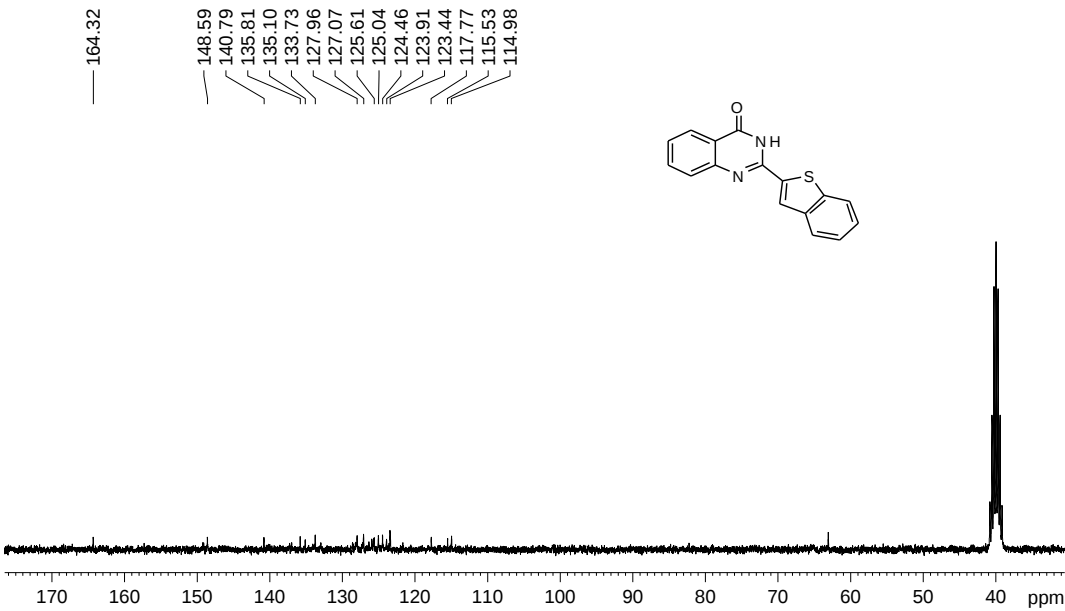
Current Data Parameters
NAME SF436B
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130425
Time_ 6.44
INSTRUM AV300
PROBHD 5 mm FABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 645.1
DW 81.000 usec
DE 6.00 usec
TE 294.0 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299887 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³C NMR



Current Data Parameters
NAME SF485
EXPNO 11
PROCNO 1

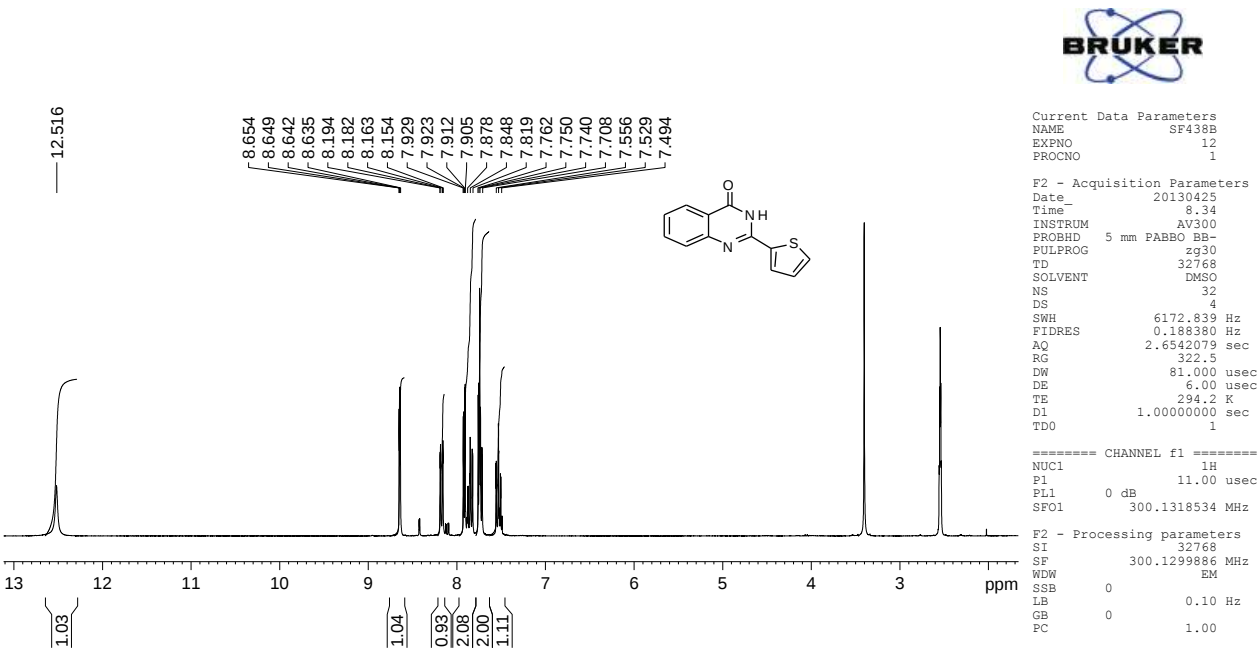
F2 - Acquisition Parameters
Date_ 20130614
Time_ 10.53
INSTRUM PULPROG300
PROBHD 5 mm DDZ-13C-1
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 256
DS 4
SWH 24414.063 Hz
FIDRES 0.372529 Hz
AQ 1.3421773 sec
RG 501.187
DW 20.480 usec
DE 6.50 usec
TE 299.4 K
D1 2.00000000 sec
D11 0.03000000 sec
D31 0.00001140 sec
D40 0.02898005 sec
L4 40
L5 57
P32 90.00 usec
TD0 1

===== CHANNEL f1 =====
SFO1 75.4928982 MHz
NUC1 13C
P1 11.40 usec
PLW1 30.00000000 W

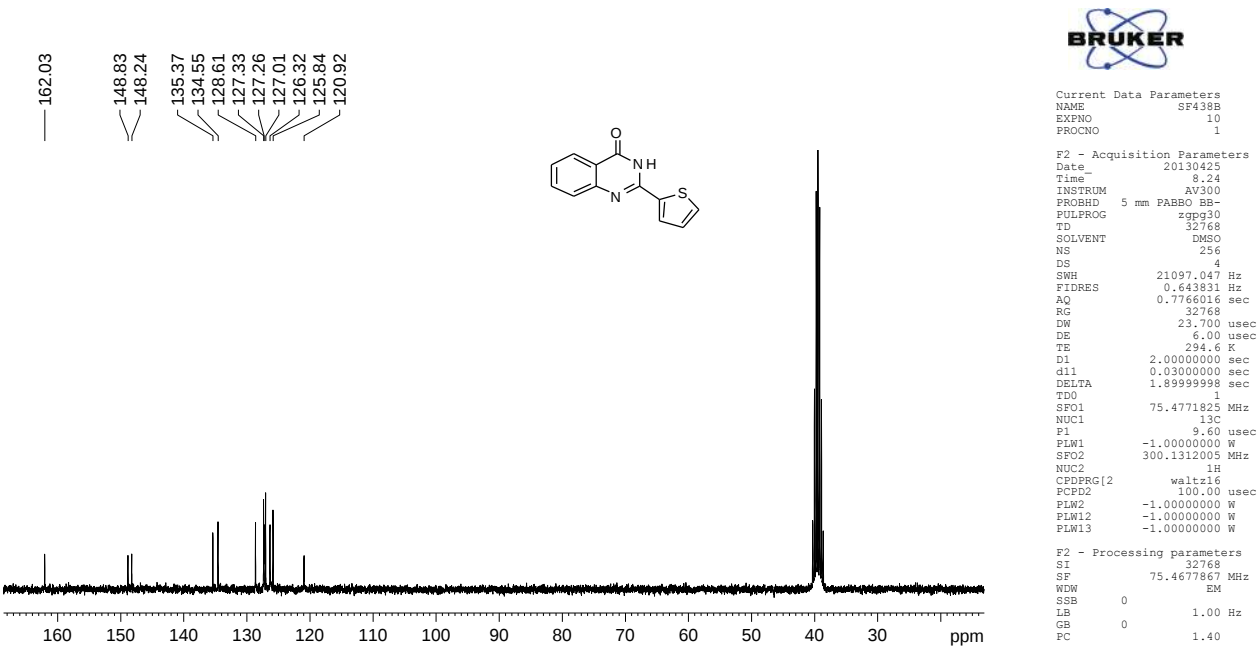
===== CHANNEL f2 =====
SFO2 300.2012008 MHz
NUC2 1H
PCPFGPG2 waltz16
PCPD2 90.00 usec
PLW2 16.00000000 W
PLW12 0.23901001 W
PLW13 0.19360000 W

F2 - Processing parameters
SI 32768
SF 75.4853000 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

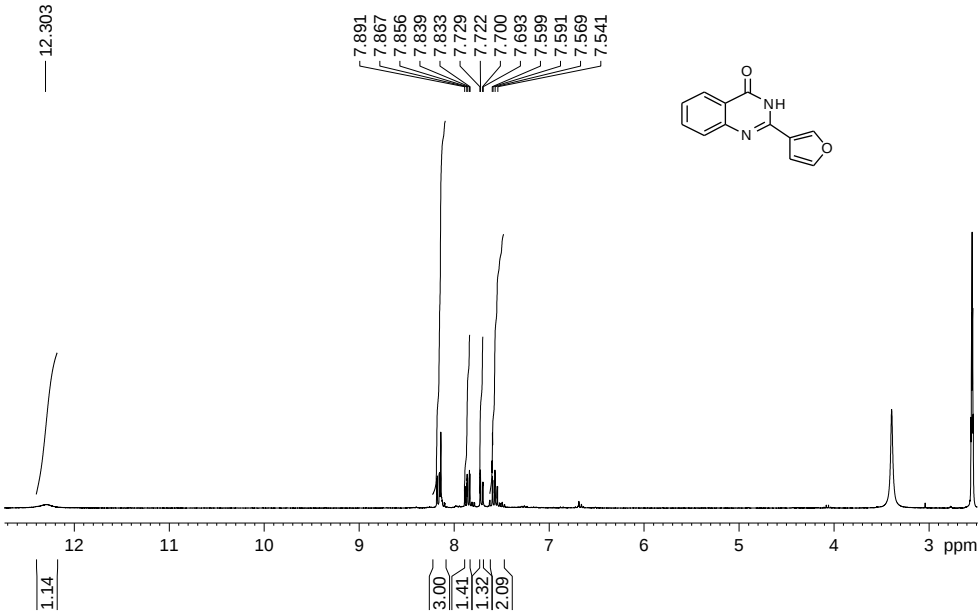
¹H NMR



¹³C NMR



¹H NMR



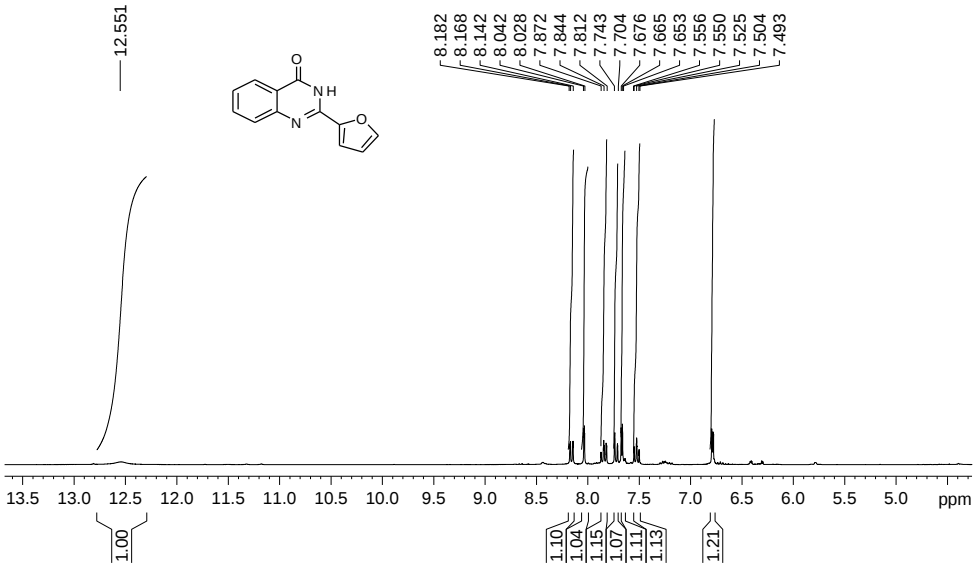
Current Data Parameters
NAME SF440B
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130425
Time 10.34
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 645.1
DW 81.000 usec
DE 6.00 usec
TE 294.3 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299881 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹H NMR



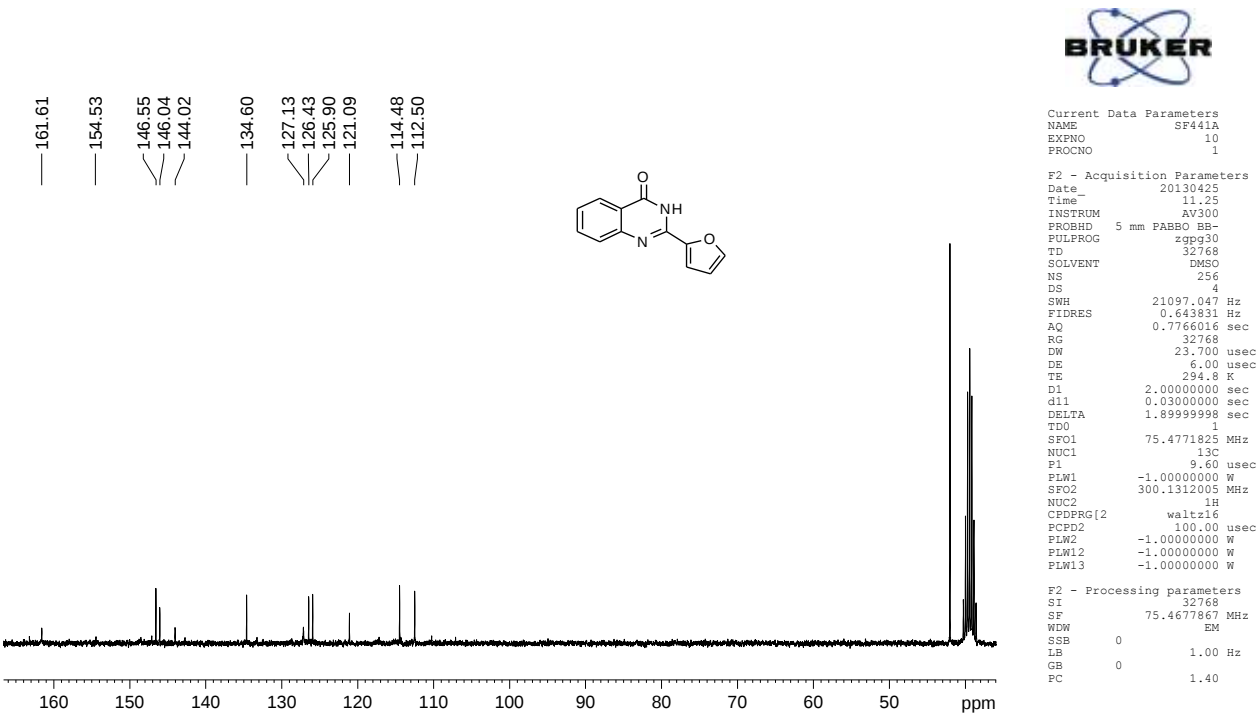
Current Data Parameters
NAME SF441A
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130425
Time 11.35
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 114
DW 81.000 usec
DE 6.00 usec
TE 294.4 K
D1 1.00000000 sec
TD0 1

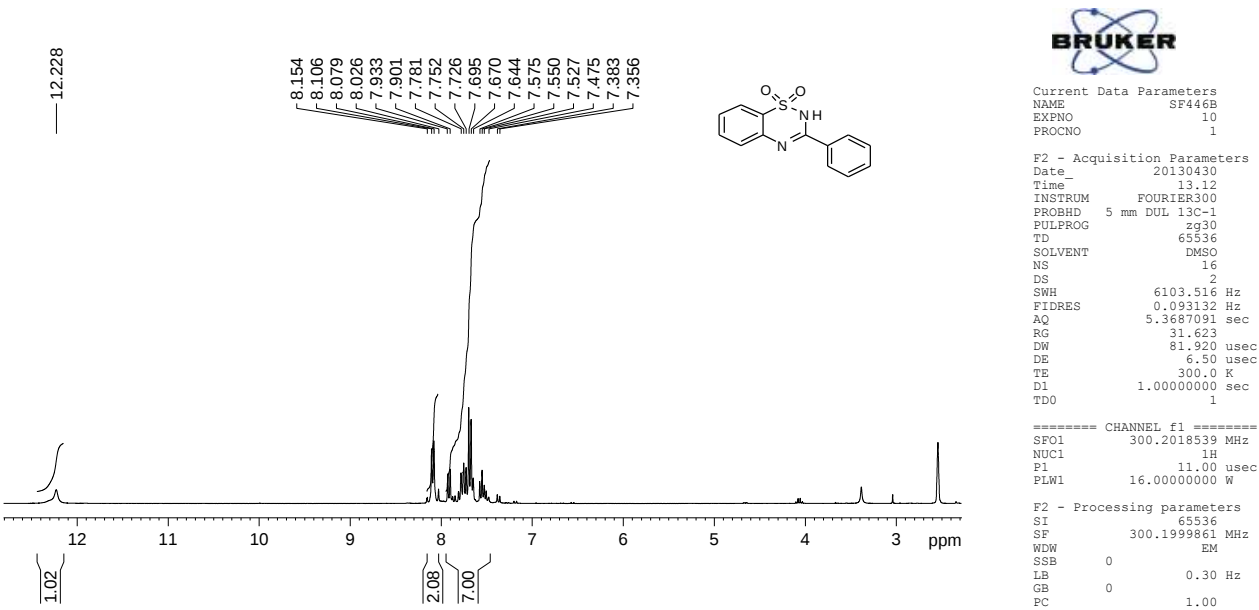
===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299901 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

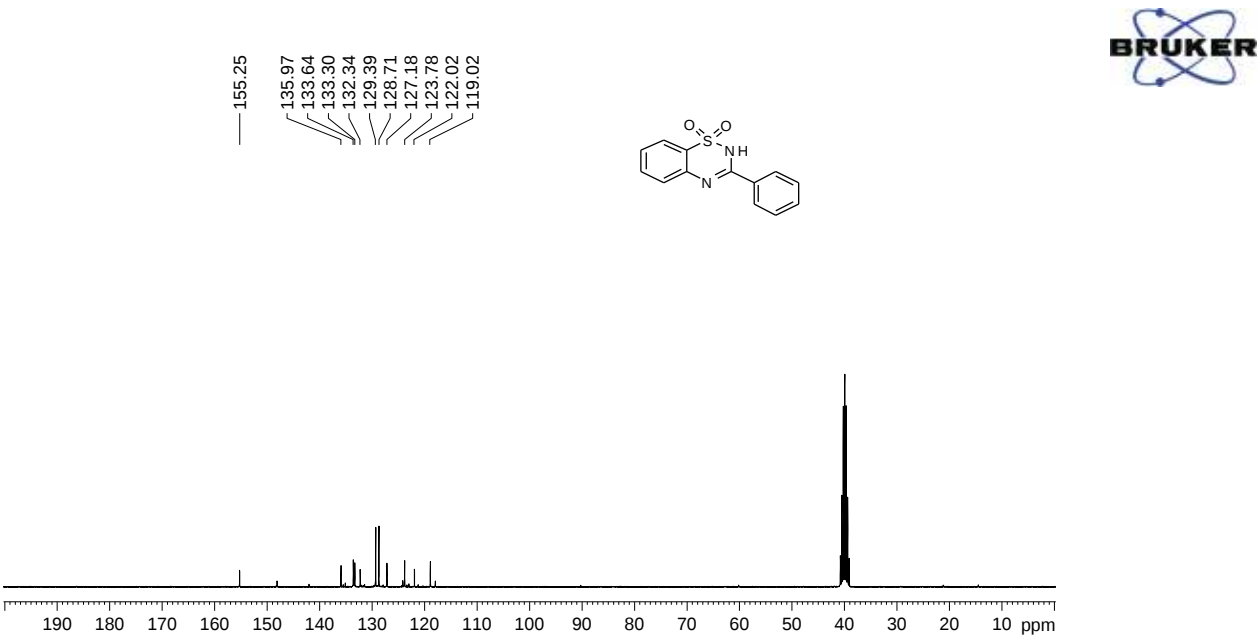
¹³CNMR



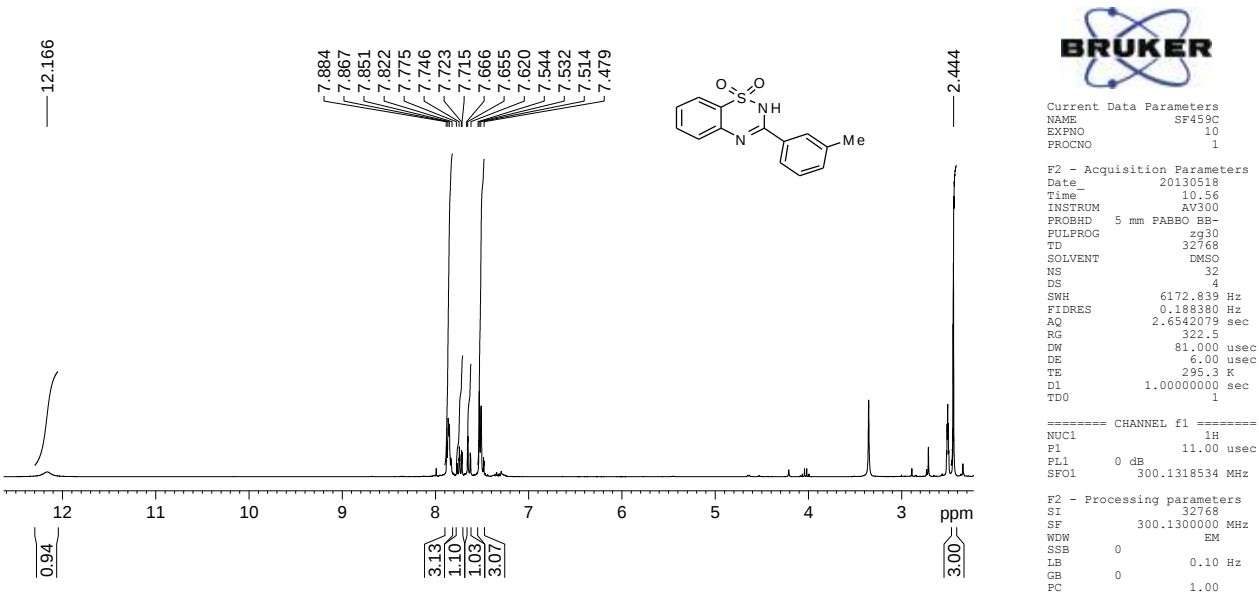
¹HNMR



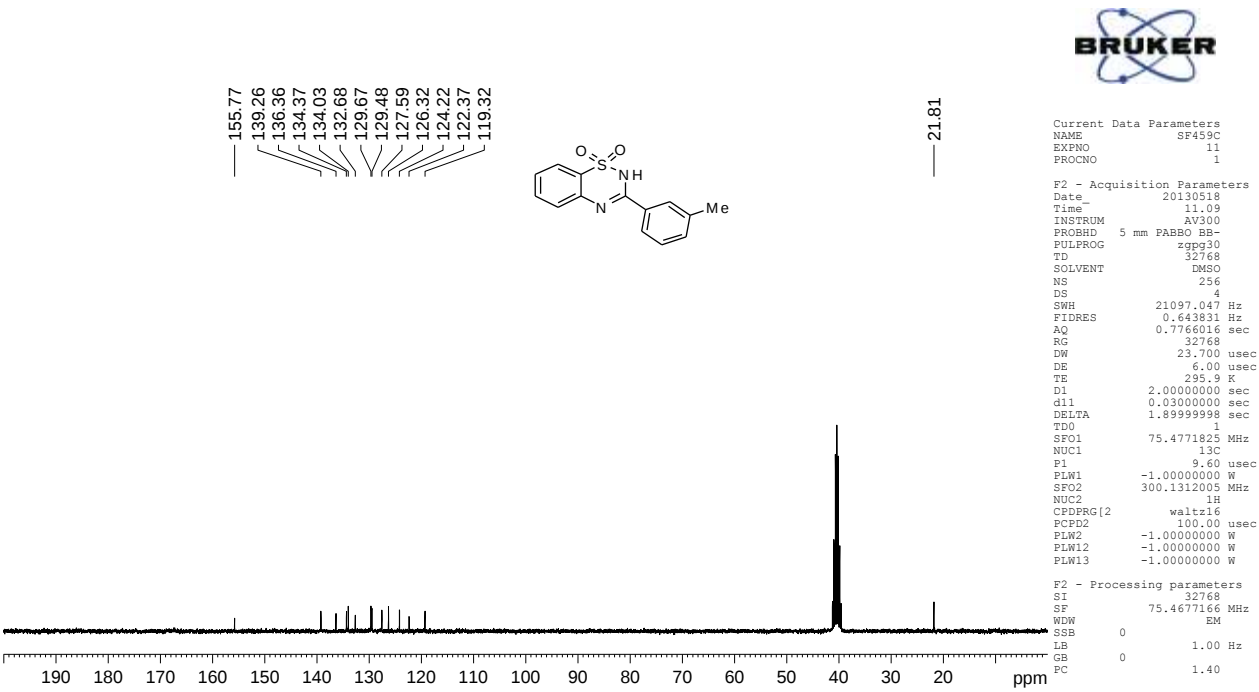
¹³CNMR



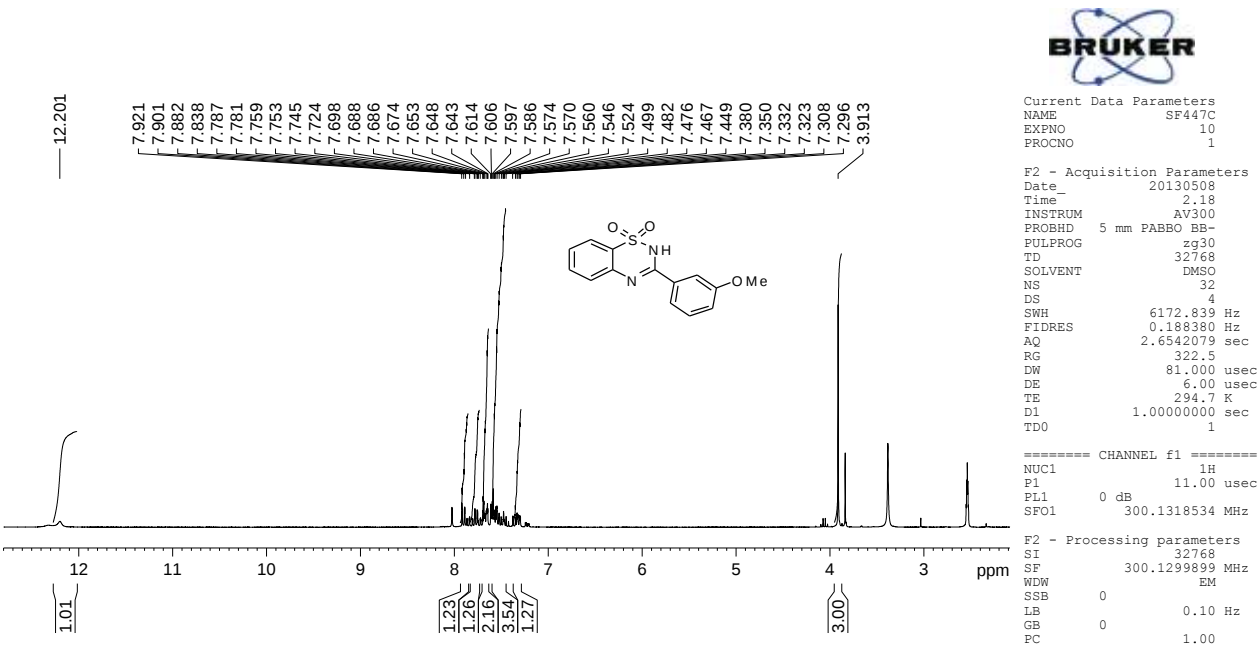
¹HNMR



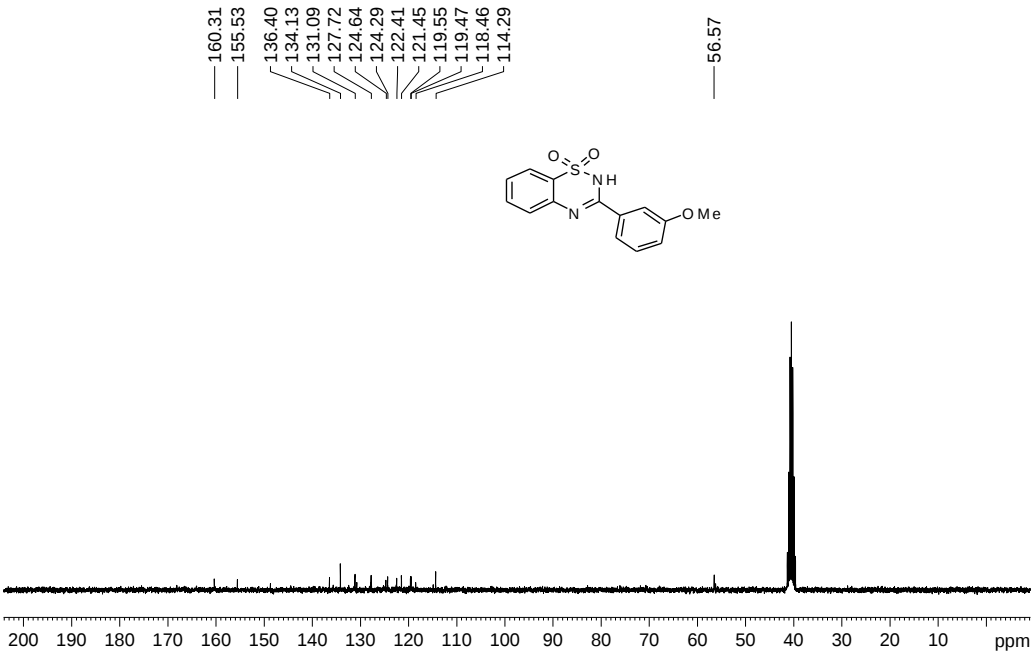
¹³CNMR



¹H NMR



¹³CNMR

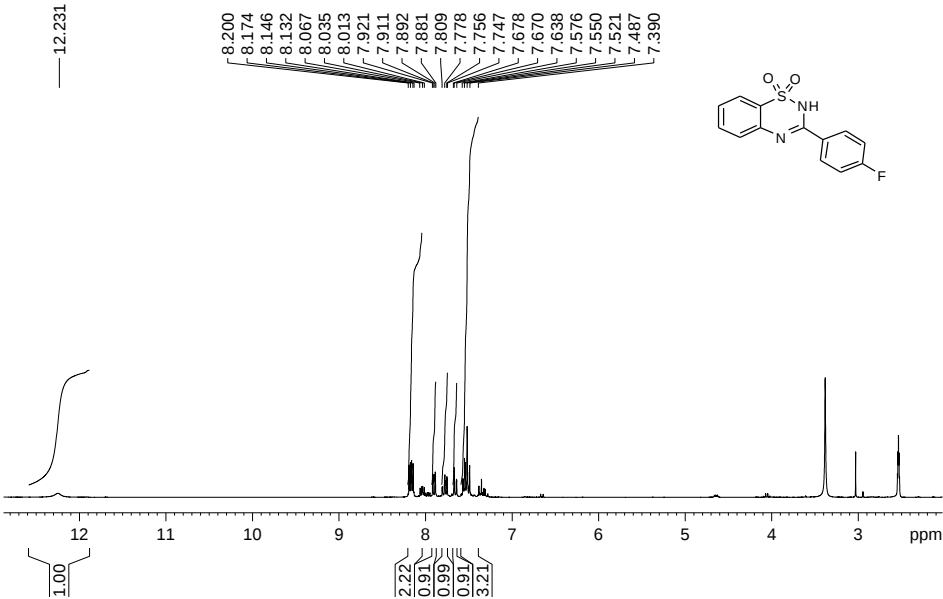


Current Data Parameters
NAME SF447C
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date 20130508
Time 2.31
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 32768
SOLVENT DMSO
NS 256
DS 4
SWH 21097.047 Hz
FIDRES 0.643831 Hz
AQ 0.7766016 sec
RG 32768
DW 23.700 usec
DE 6.00 usec
TE 295.3 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1
SFO1 75.4771825 MHz
NUC1 13C
P1 9.60 usec
PLM1 -1.00000000 W
SFO2 300.1312005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 100.00 usec
PLW2 -1.00000000 W
PLW12 -1.00000000 W
PLW13 -1.00000000 W

F2 - Processing parameters
SI 32768
SF 75.4677113 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹HNMR



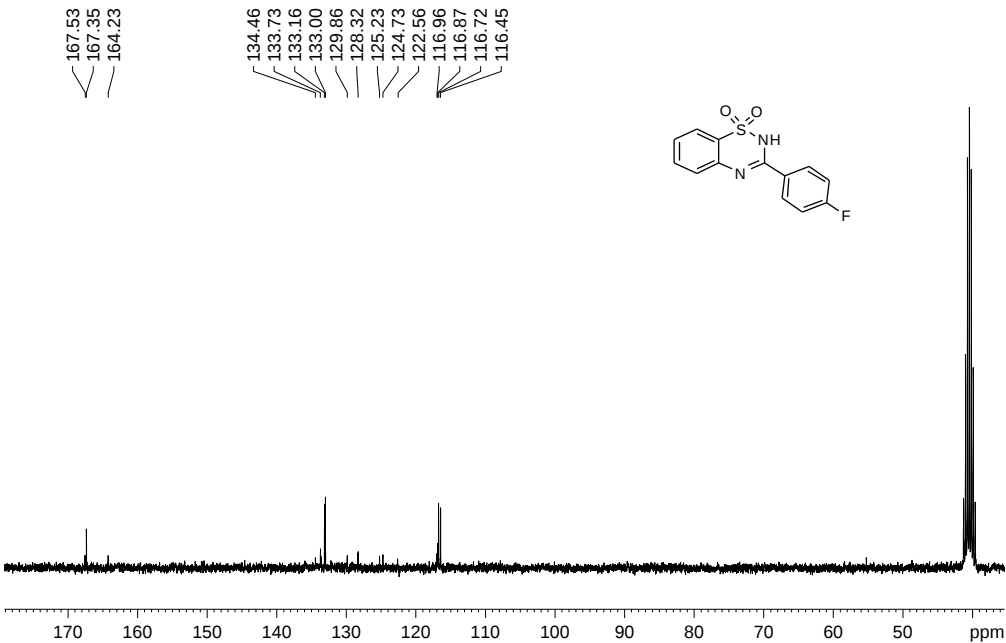
Current Data Parameters
NAME SF450B
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date 20130508
Time 6.24
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 322.5
DW 81.000 usec
DE 6.00 usec
TE 294.6 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
FL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299906 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³CNMR

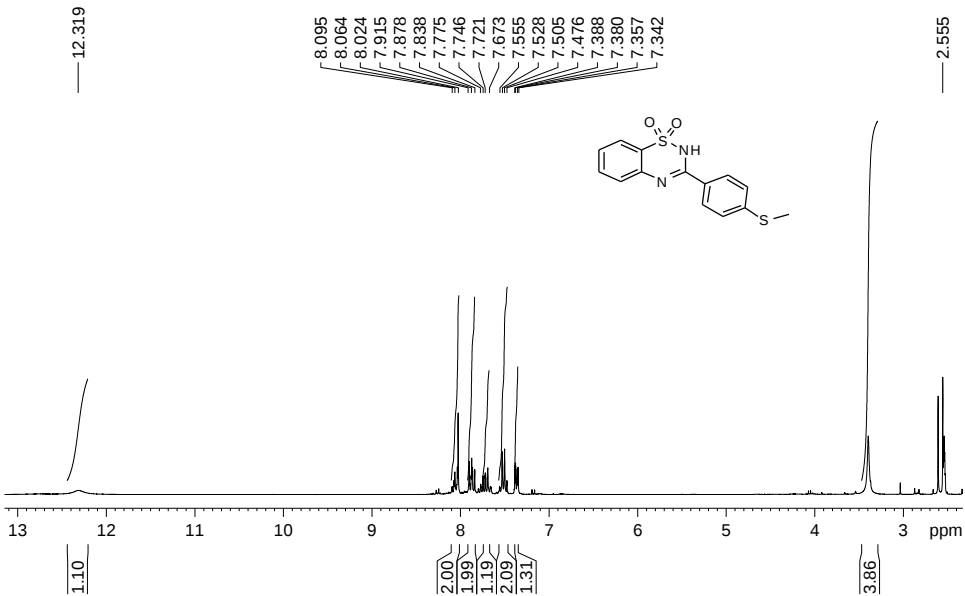


Current Data Parameters
NAME 130507.334
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130508
Time_ 6.00
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 32768
SOLVENT DMSO
NS 256
DS 4
SWH 21097.047 Hz
FIDRES 0.643831 Hz
AQ 0.7766016 sec
RG 32768
DW 23.700 usec
DE 6.00 usec
TE 295.2 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999999 sec
TDO 1
SFO1 75.4771825 MHz
NUC1 13C
PI 9.60 usec
PLW1 -1.00000000 W
SFO2 300.1312005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 100.00 usec
PLW2 -1.00000000 W
PLW12 -1.00000000 W
PLW13 -1.00000000 W

F2 - Processing parameters
SI 32768
SF 75.4677113 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹HNMR



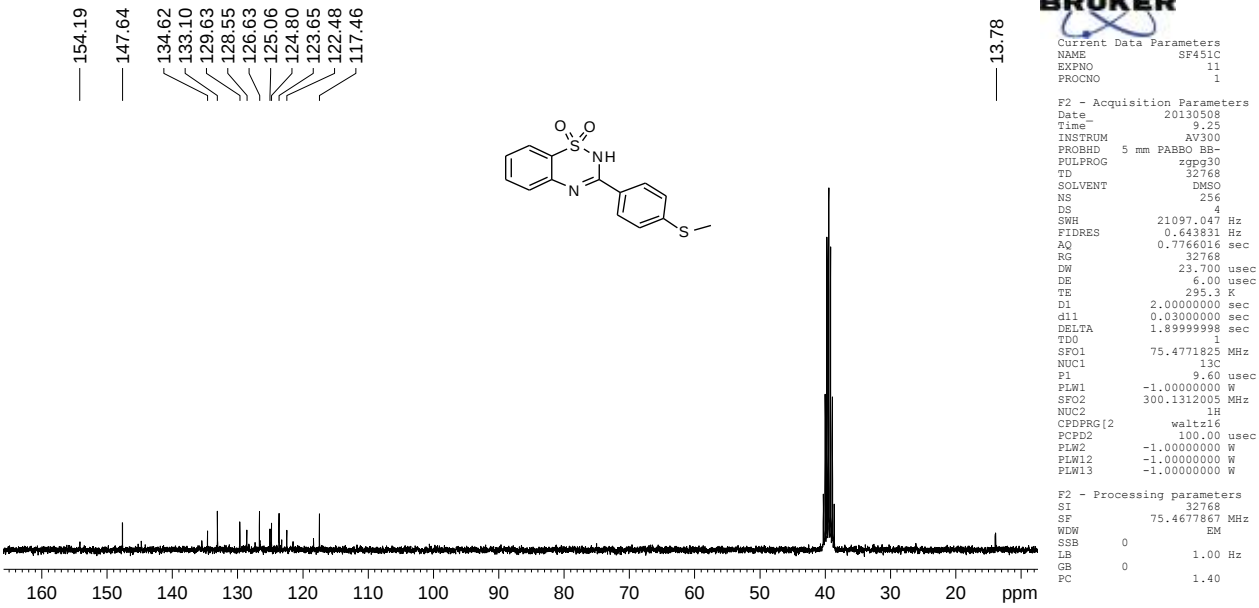
Current Data Parameters
NAME SF451C
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130508
Time_ 9.12
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 322.5
DW 81.000 usec
DE 6.00 usec
TE 294.7 K
D1 1.00000000 sec
TDO 1

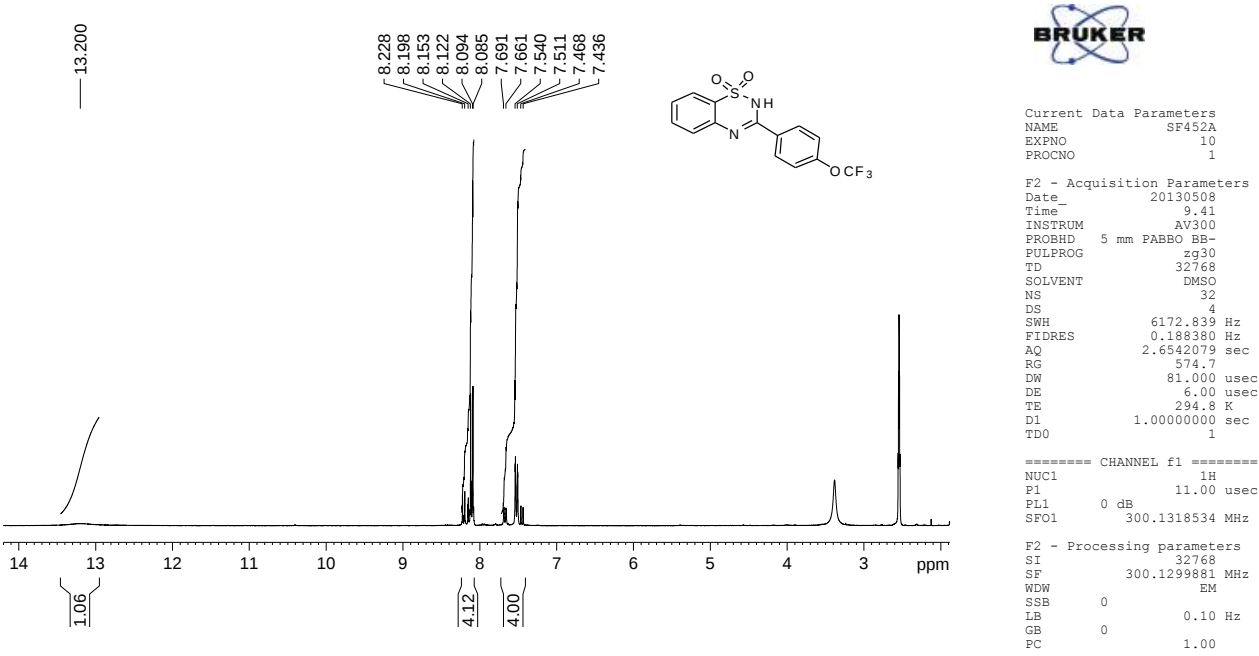
===== CHANNEL f1 =====
NUC1 1H
PI 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299894 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

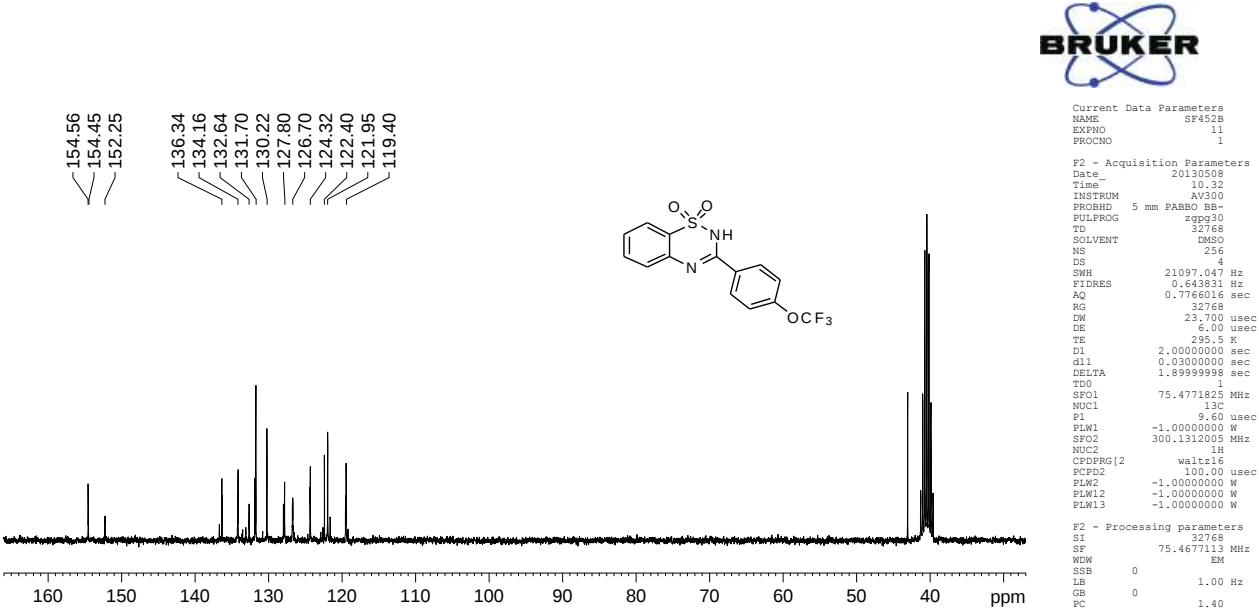
¹³NMR



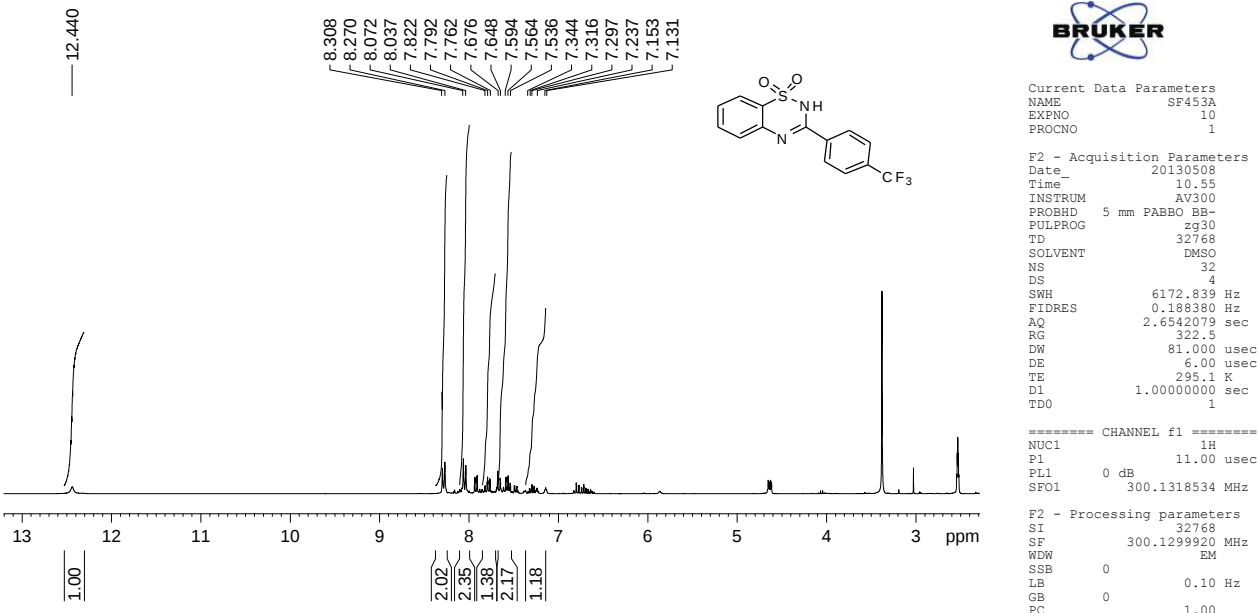
¹H NMR



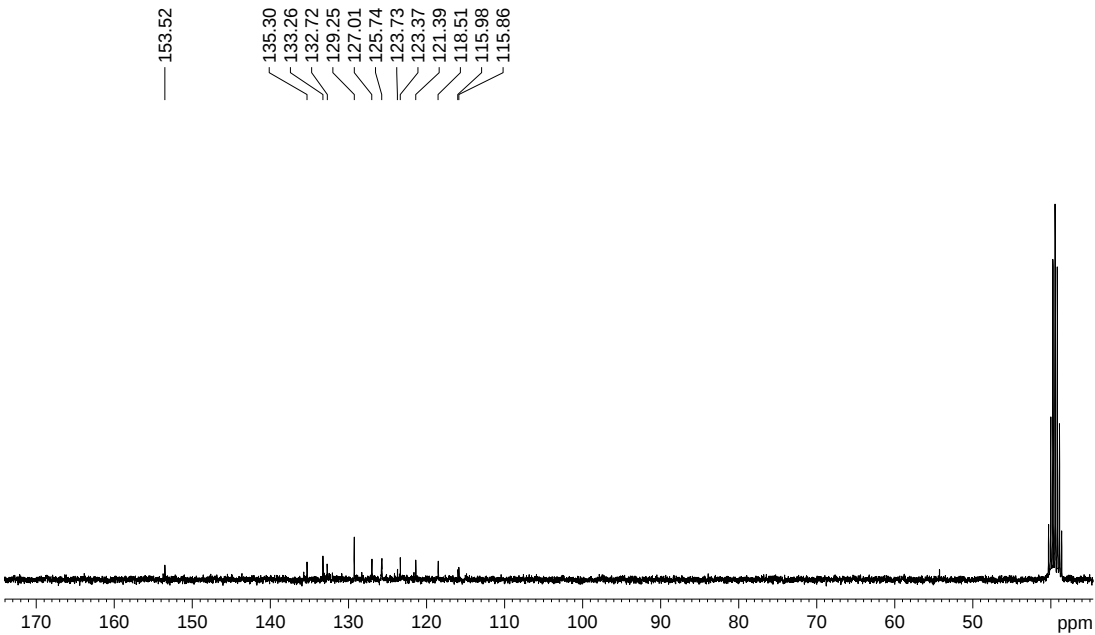
¹³CNMR



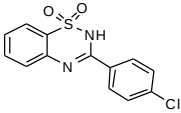
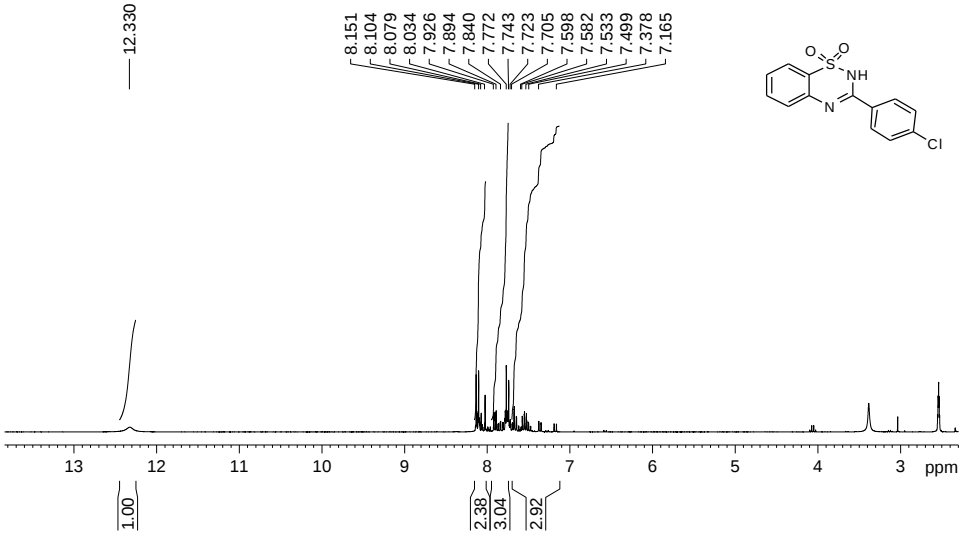
¹H NMR



¹³CNMR



¹H NMR



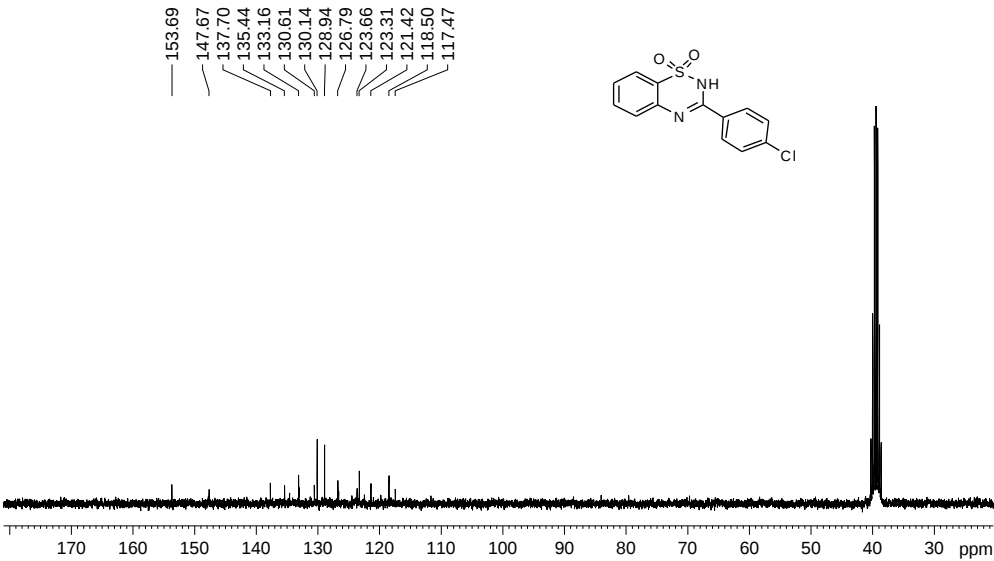
Current Data Parameters
NAME SF454B
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130515
Time_ 12.44
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 456.1
DW 81.000 usec
DE 6.00 usec
TE 295.0 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299894 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³CNMR

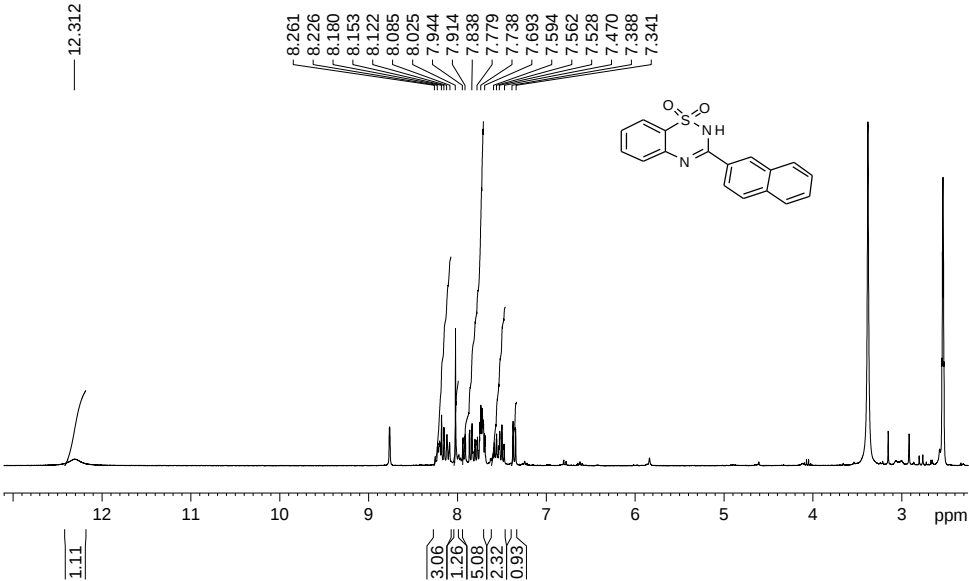


Current Data Parameters
NAME SF454B
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130515
Time 12.57
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 32768
SOLVENT DMSO
NS 256
DS 4
SWH 21097.047 Hz
FIDRES 0.643831 Hz
AQ 0.7766016 sec
RG 32768
DW 23.700 usec
DE 6.00 usec
TE 295.6 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1
SFO1 75.4771825 MHz
NUC1 13C
P1 9.60 usec
PLW1 -1.00000000 W
SFO2 300.1312005 MHz
NUC2 1H
CPDPRG2 waltz16
PCPD2 100.00 usec
PLW2 -1.00000000 W
PLW12 -1.00000000 W
PLW13 -1.00000000 W

F2 - Processing parameters
SI 32768
SF 75.4677867 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹HNMR



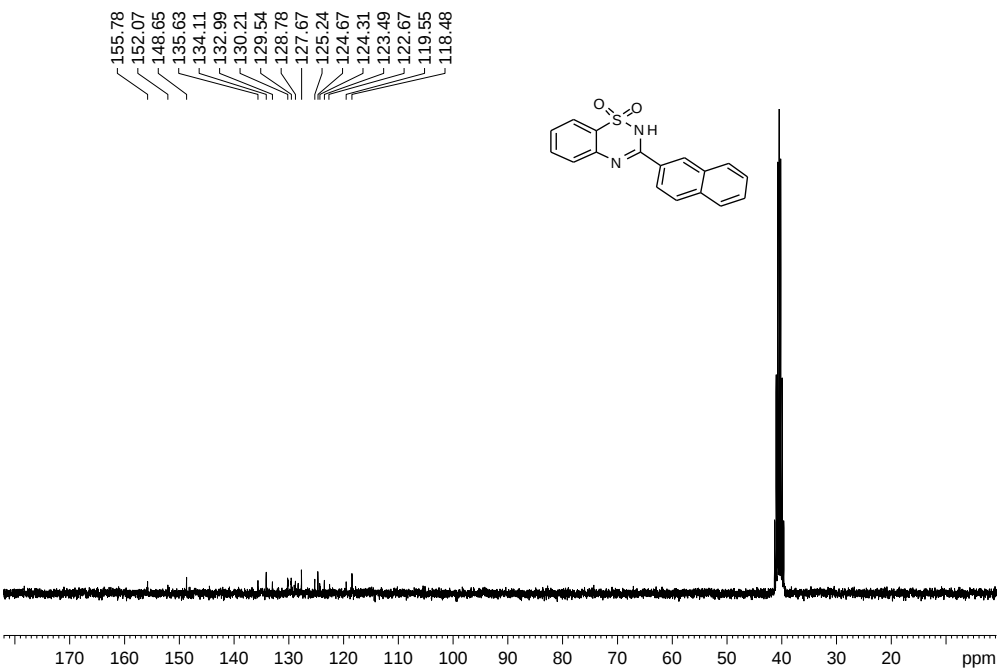
Current Data Parameters
NAME SF457e
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130518
Time 6.26
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 512
DW 81.000 usec
DE 6.00 usec
TE 295.3 K
D1 1.00000000 sec
TD0 1

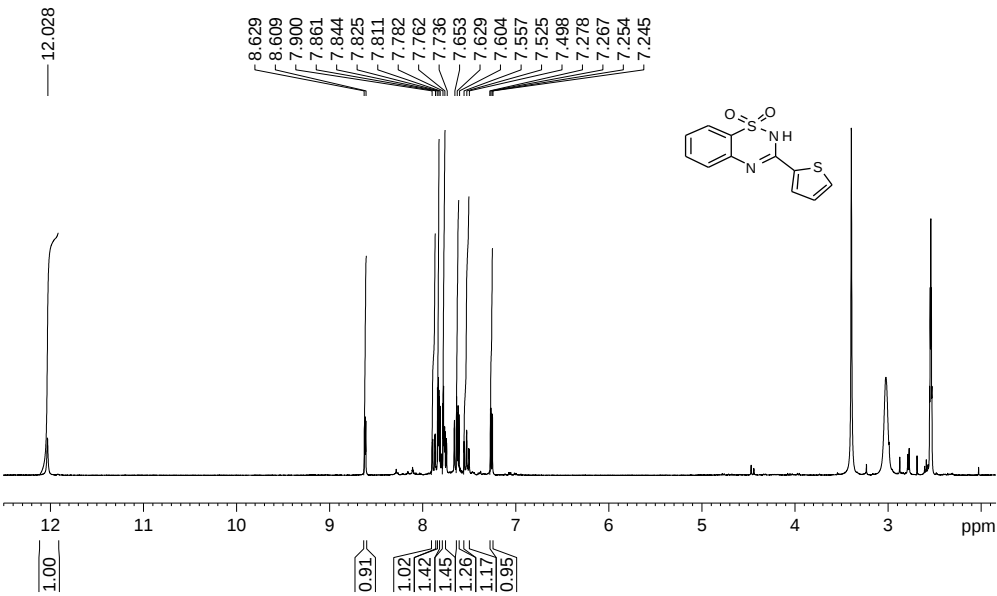
===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299899 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

¹³CNMR



¹H NMR



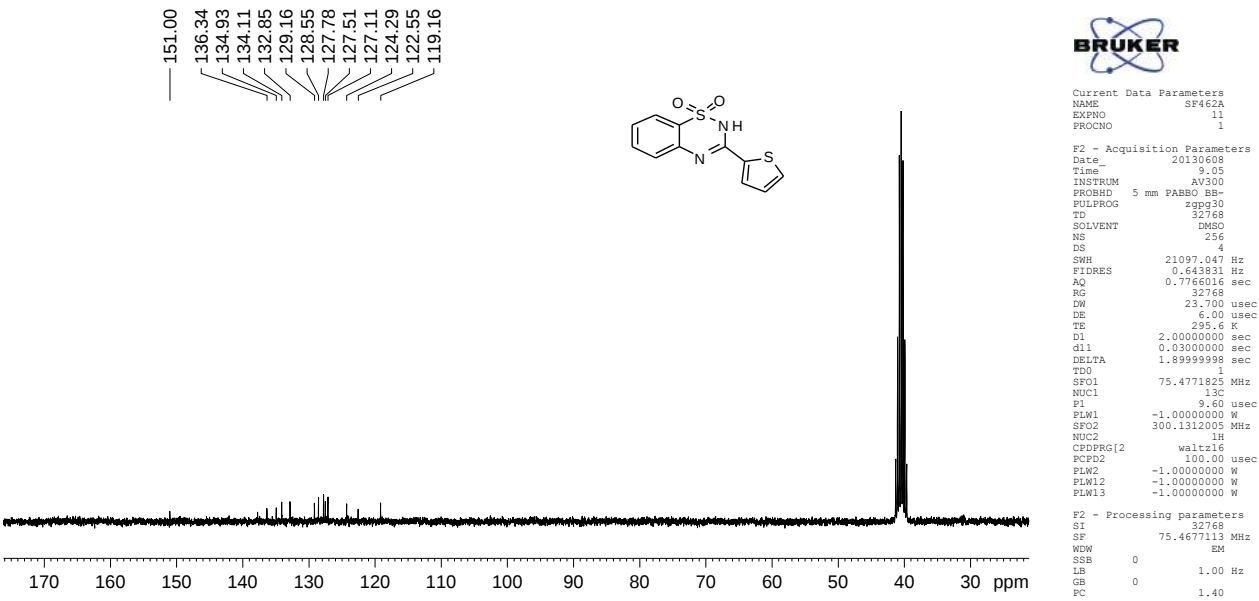
Current Data Parameters
NAME SF462A
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130608
Time 9.08
INSTRUM AV300
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 32768
SOLVENT DMSO
NS 32
DS 4
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.6542079 sec
RG 456.1
DW 81.000 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

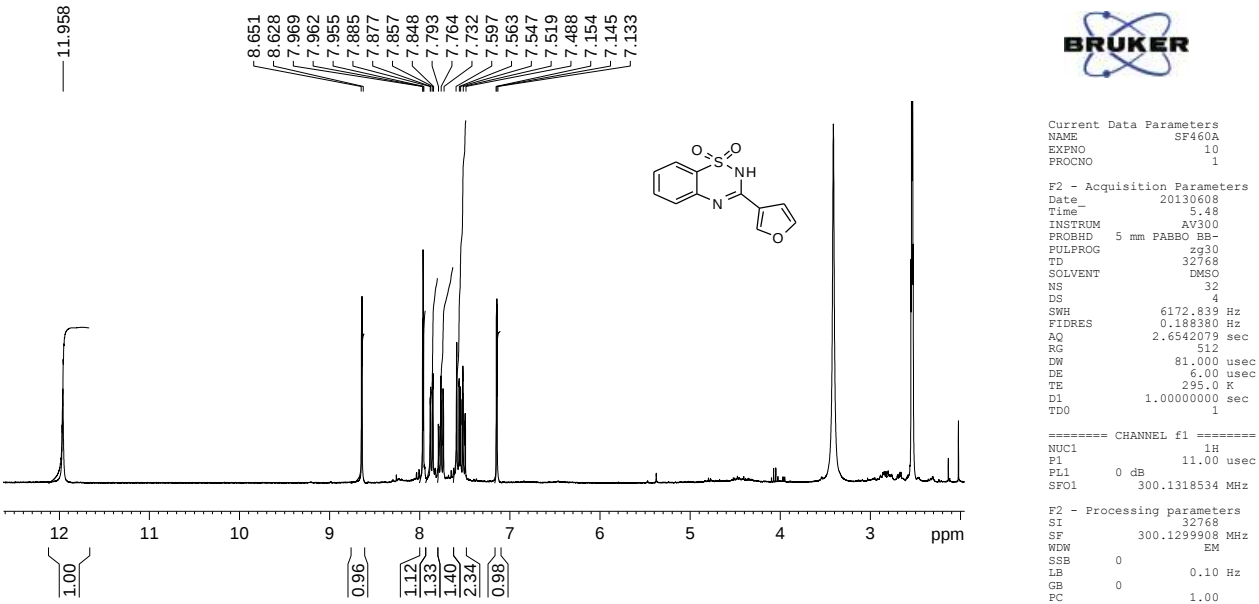
===== CHANNEL f1 =====
NUC1 1H
P1 11.00 usec
PL1 0 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1299896 MHz
WDW EM
SSB 0
LB 0.10 Hz
GB 0
PC 1.00

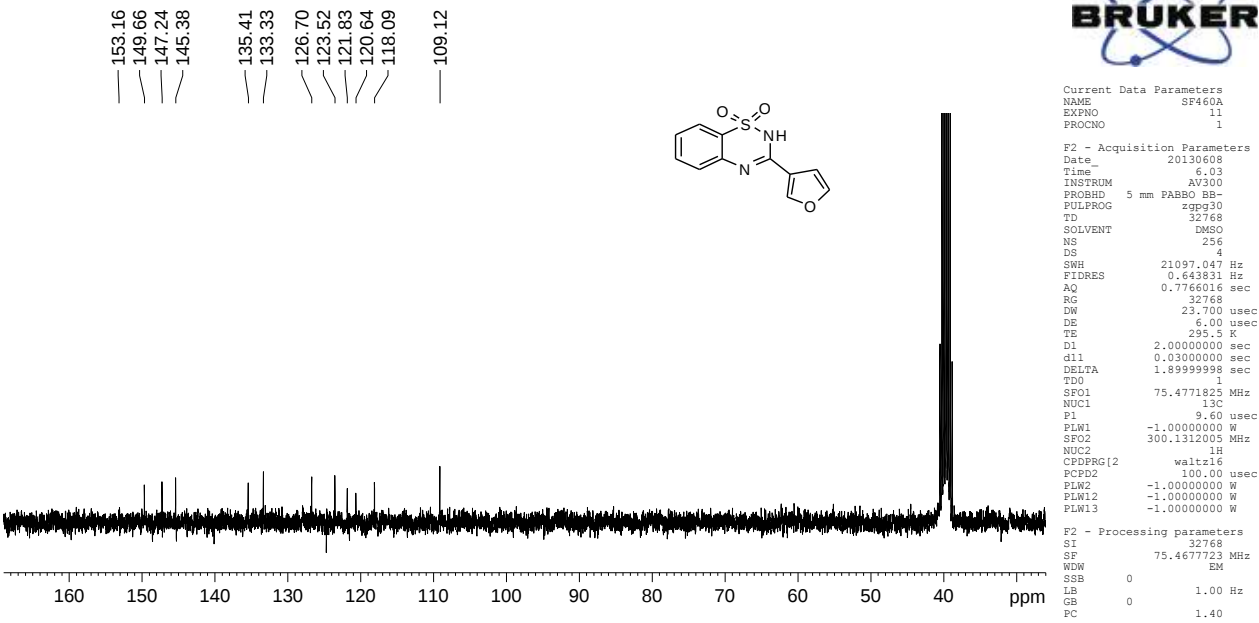
¹³NMR



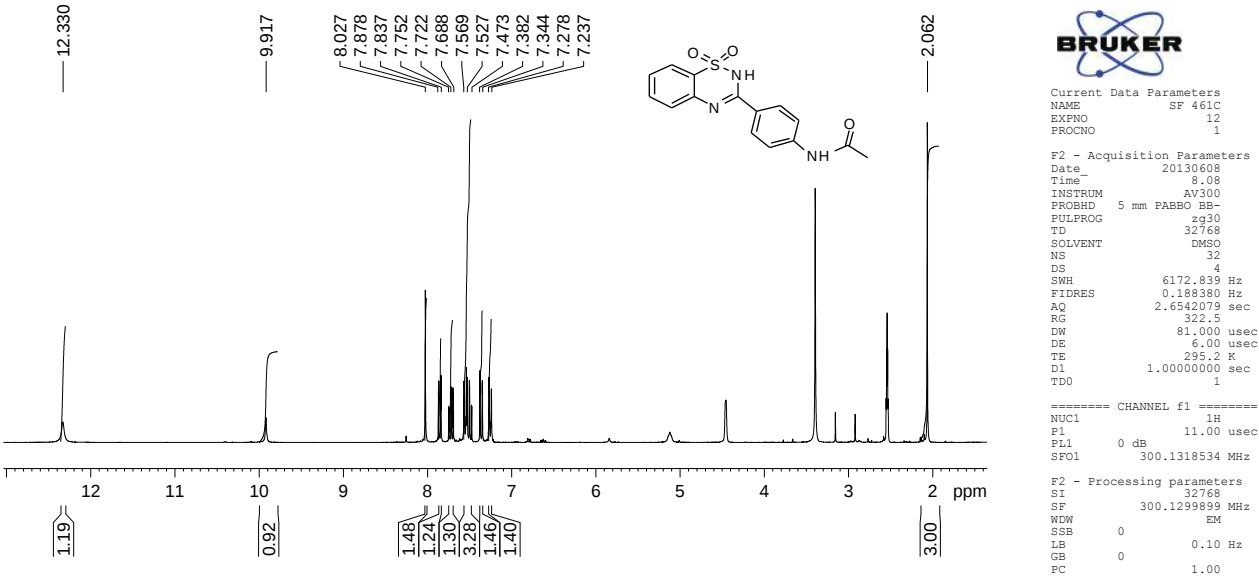
¹H NMR



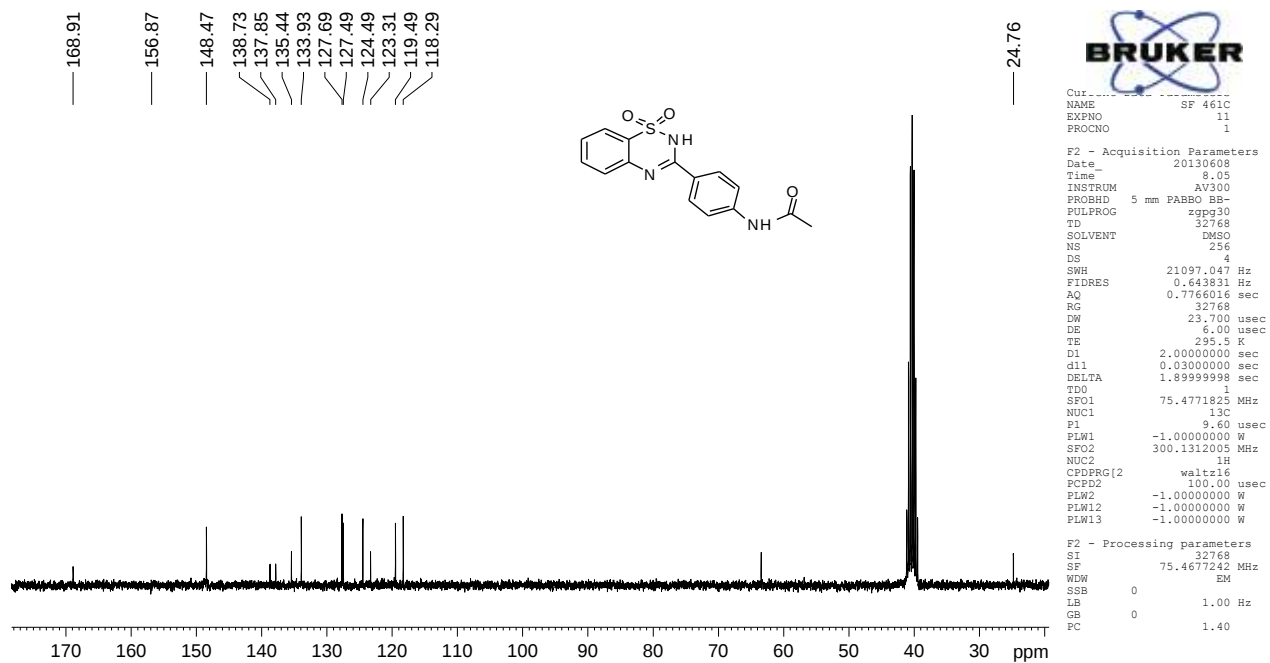
¹³CNMR



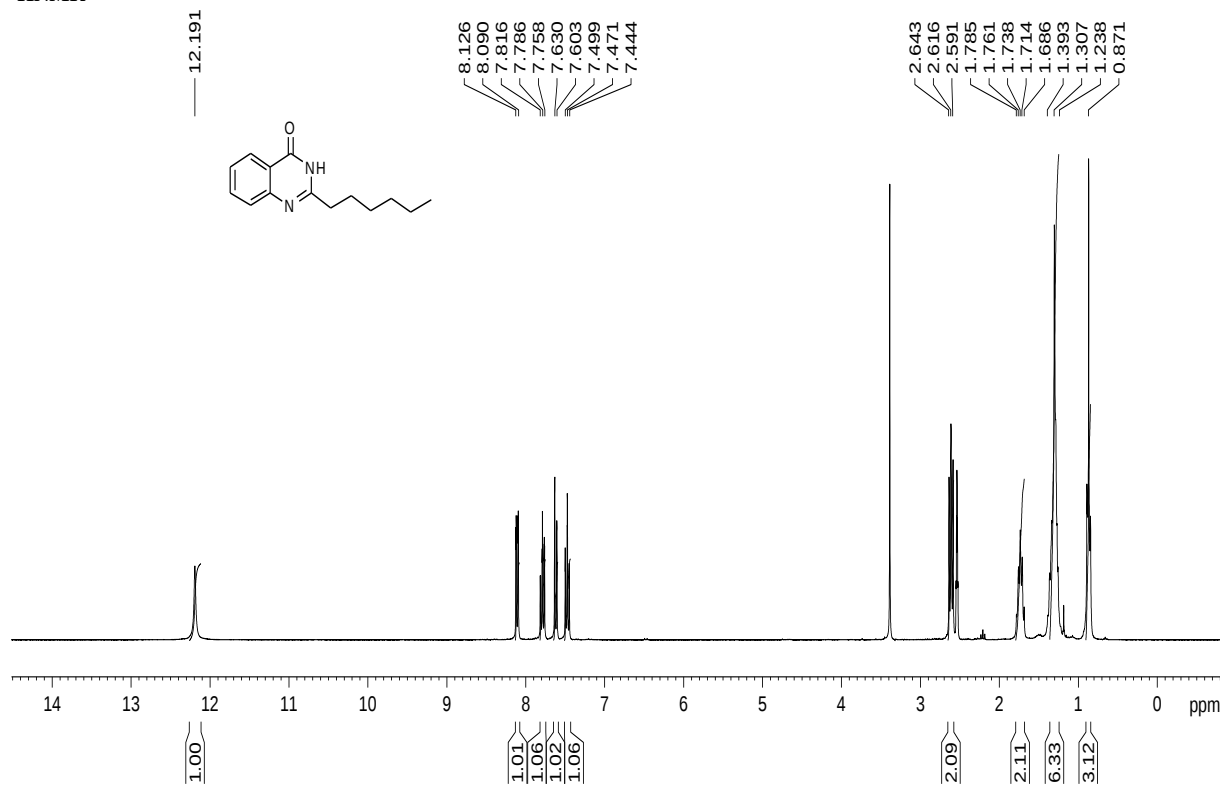
¹HNMR



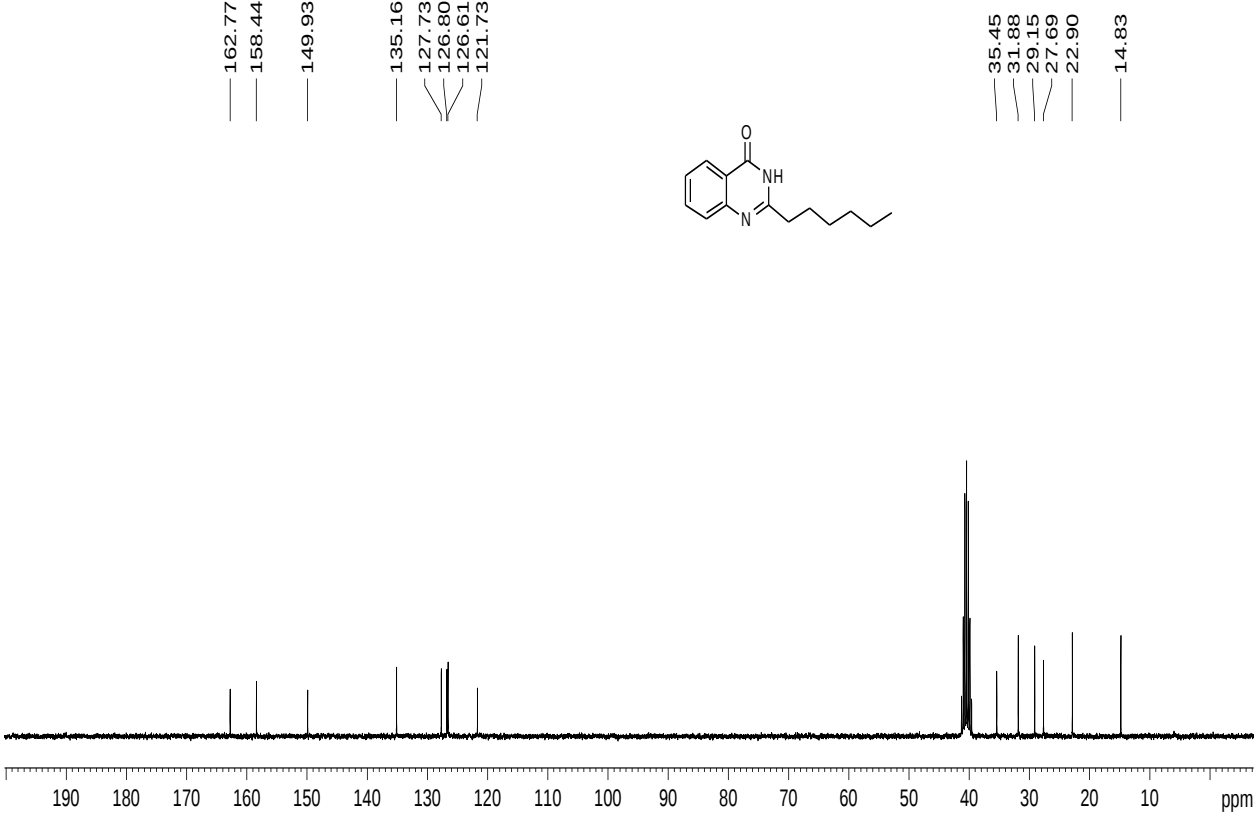
¹³CNMR



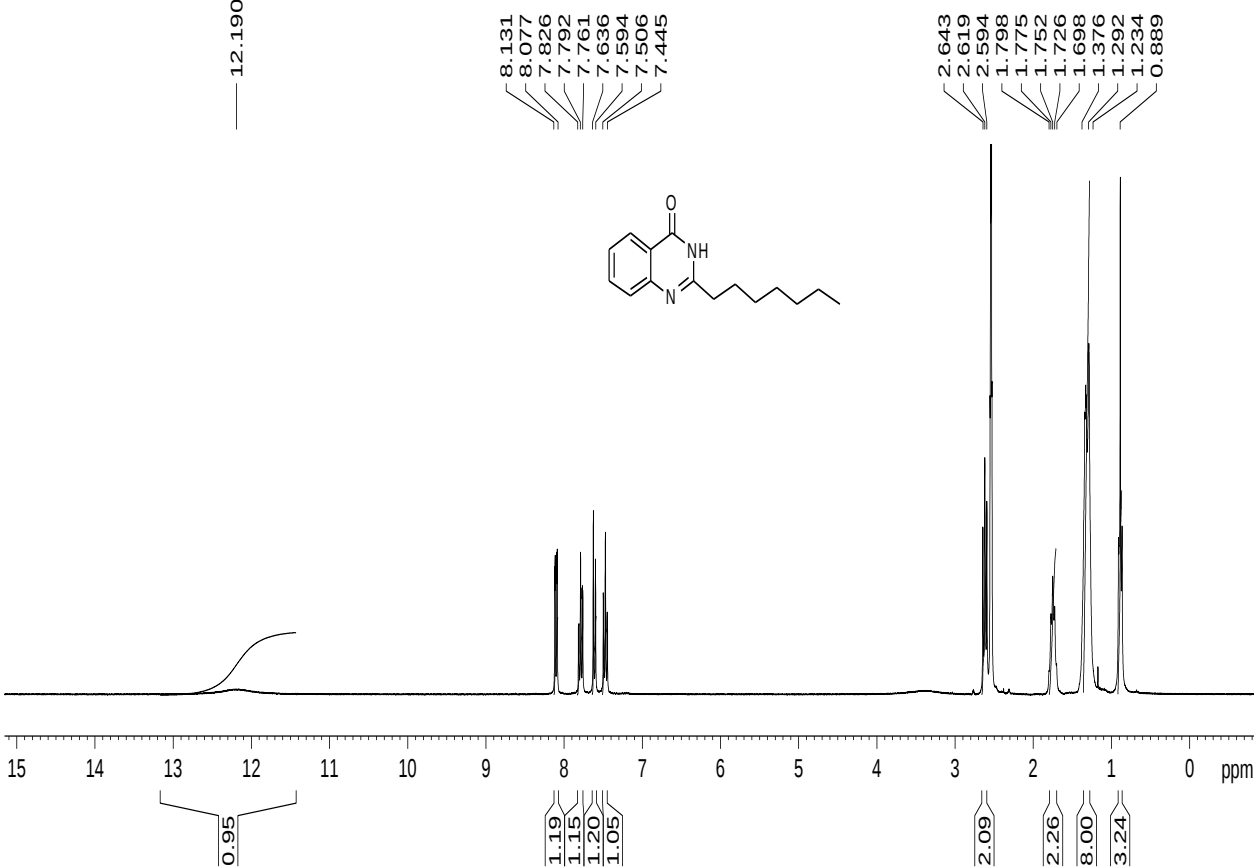
¹H NMR



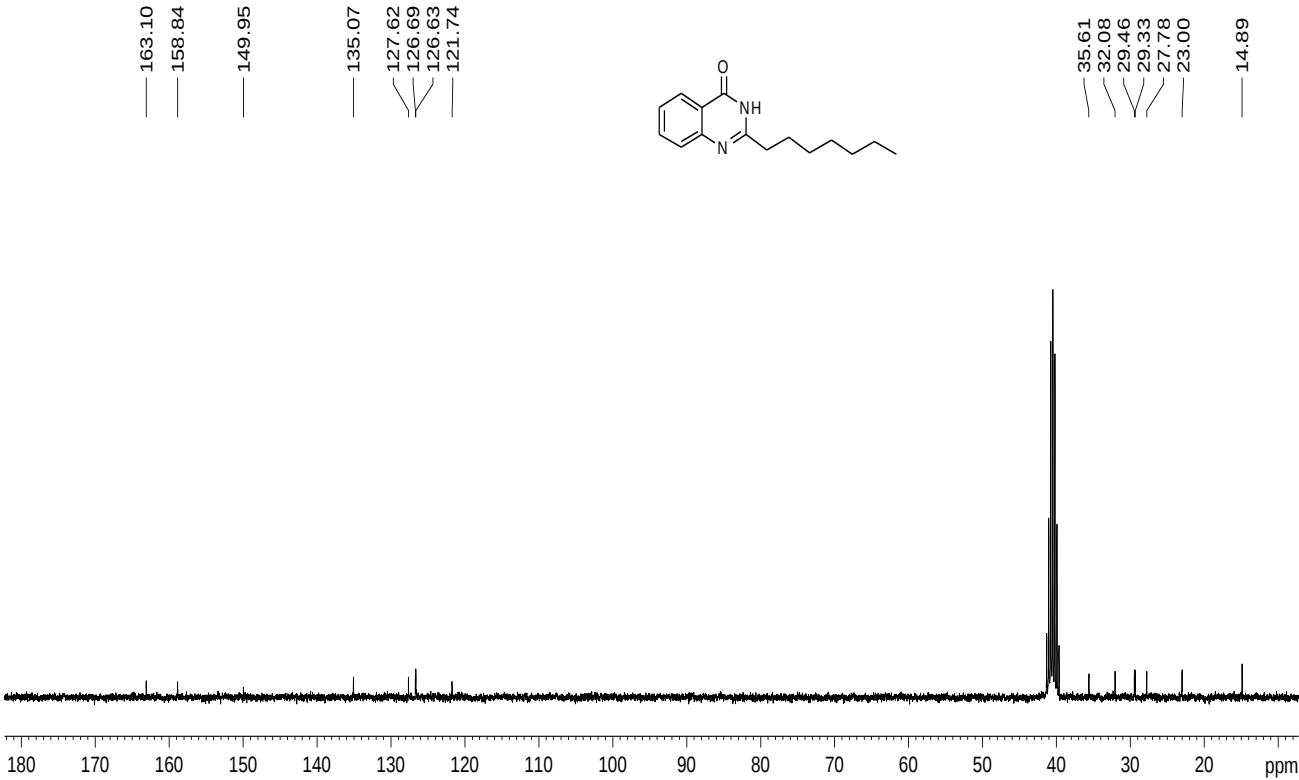
¹³CNMR



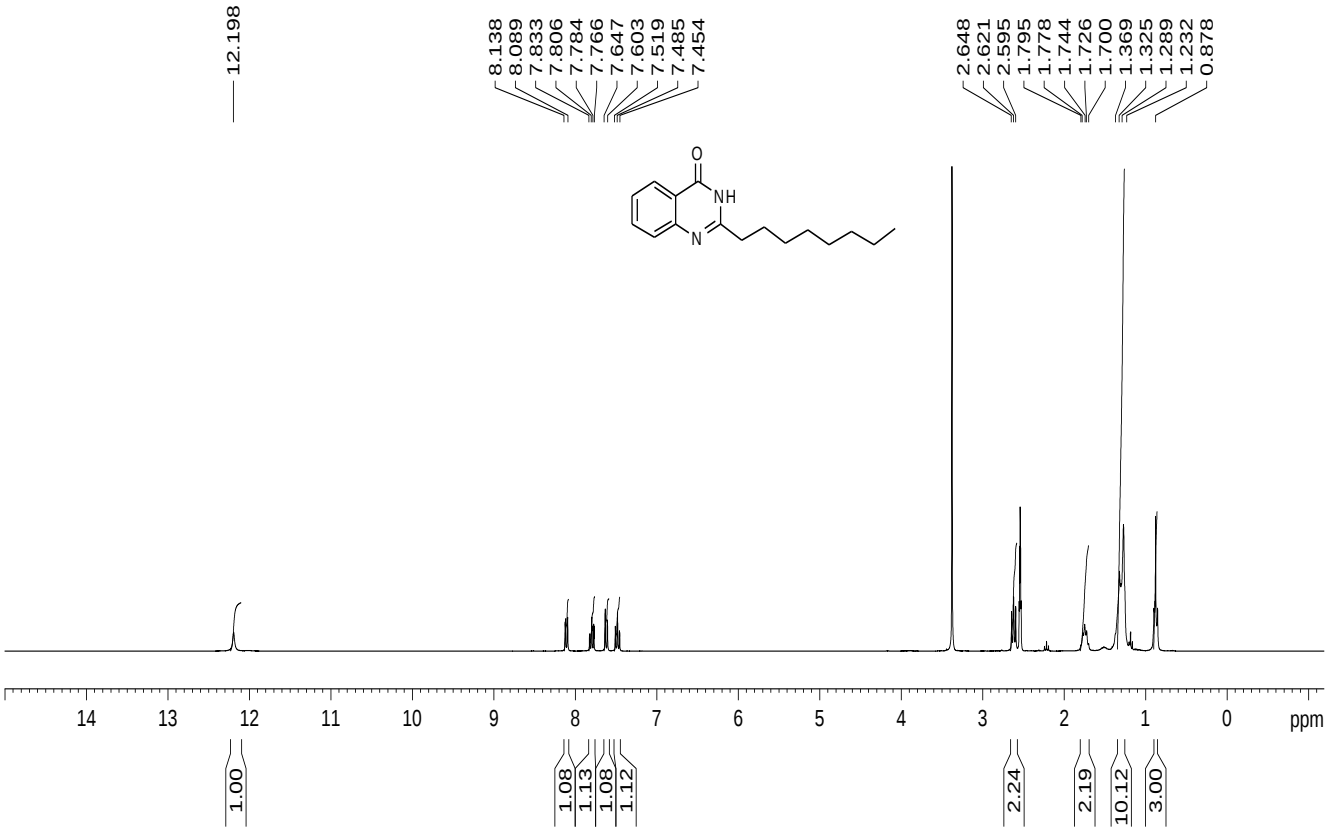
¹H NMR



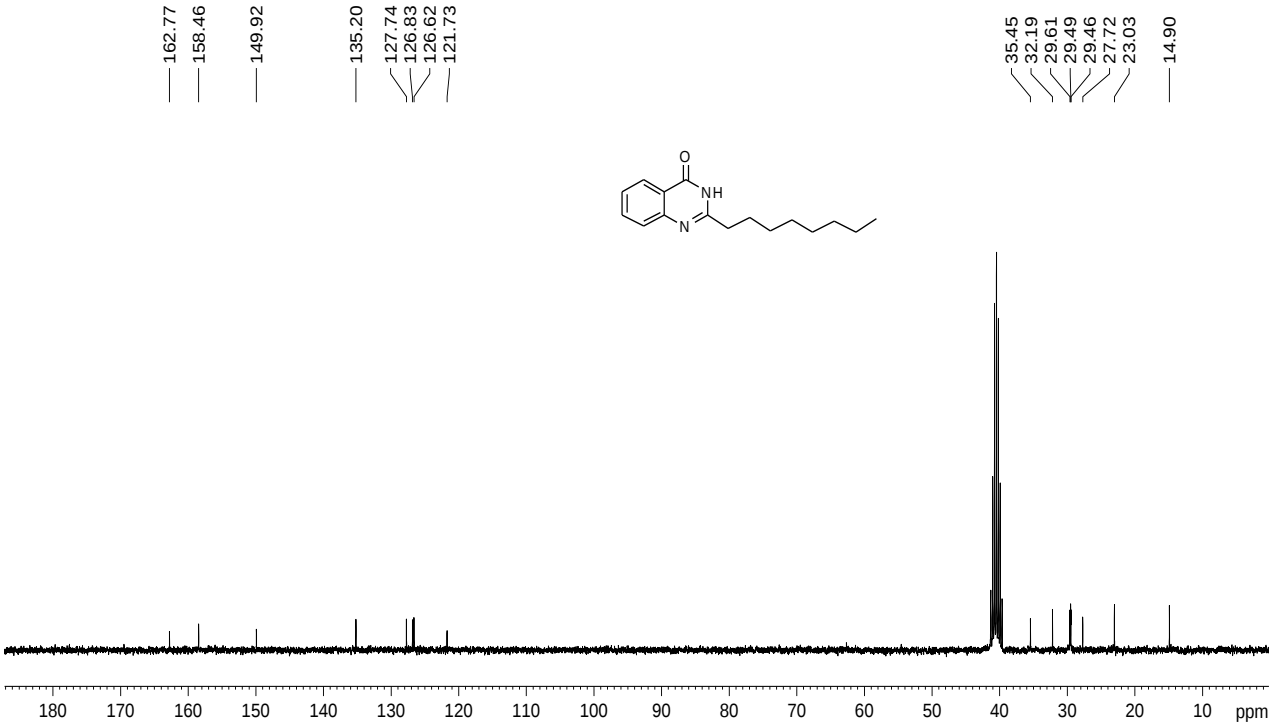
¹³CNMR



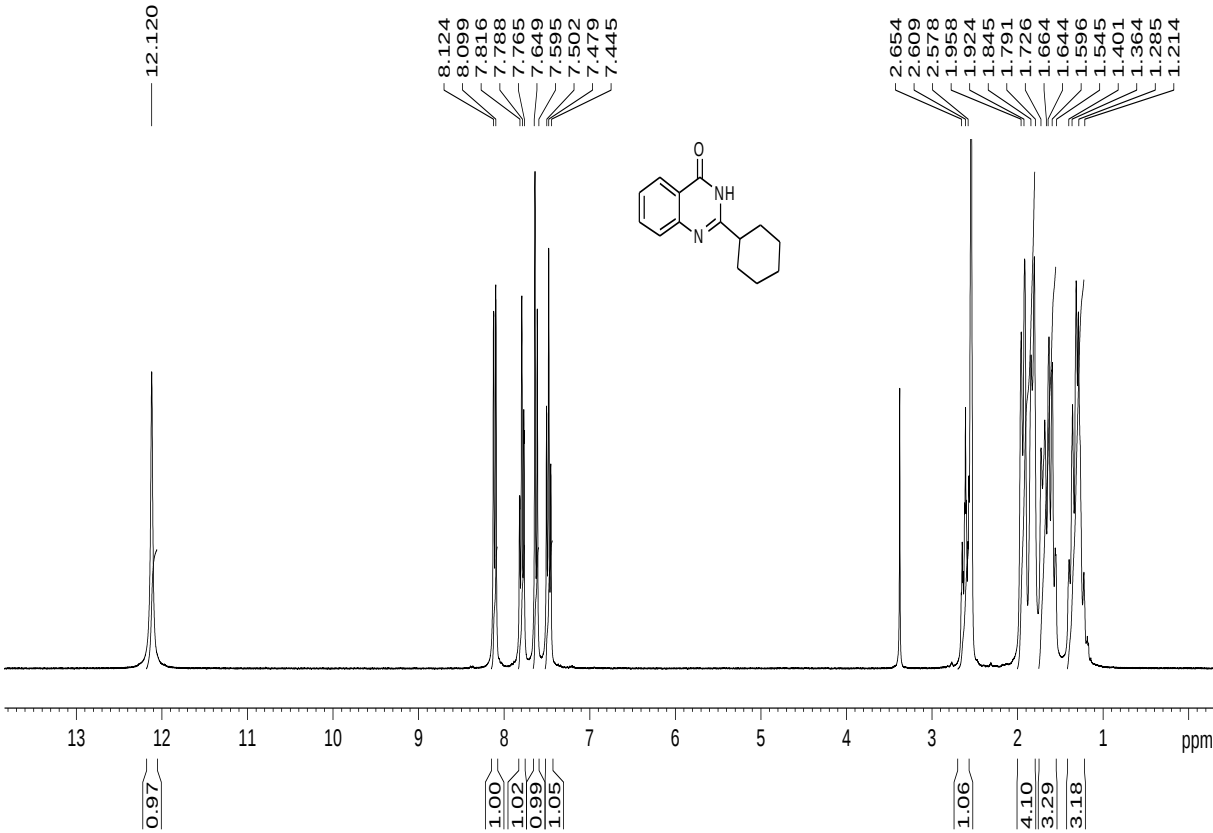
¹H NMR



¹³CNMR



¹H NMR



¹³CNMR

