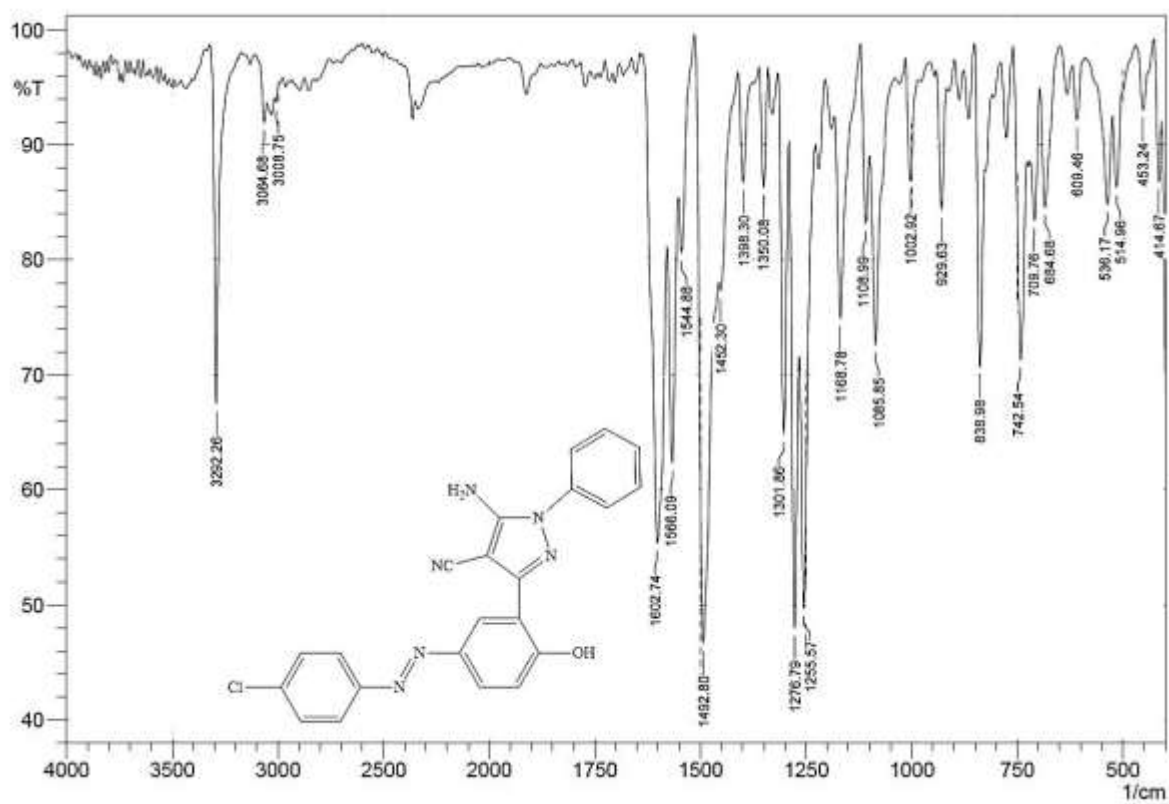


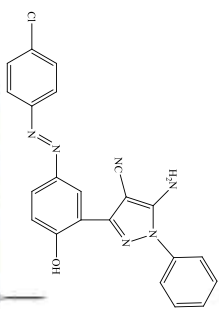
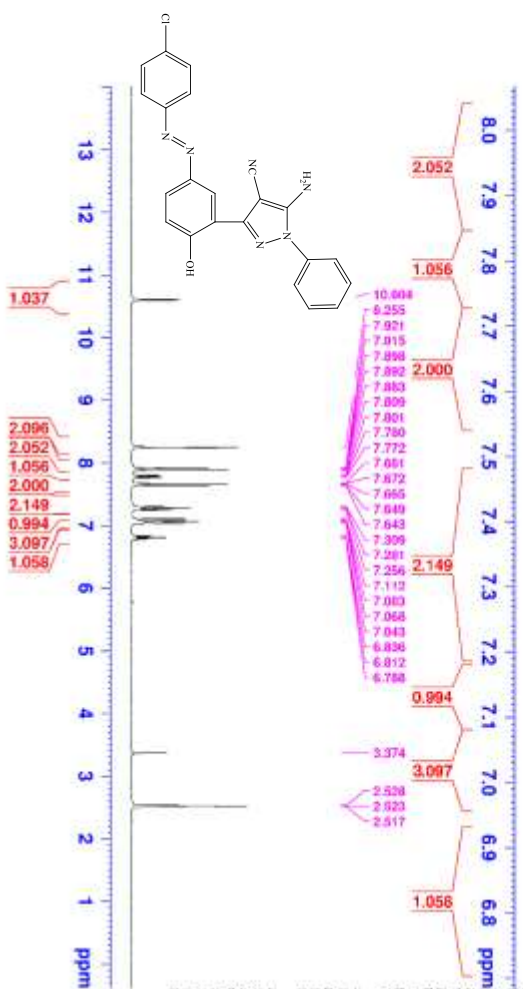


Dr. Nikpasand- code 01 (sedigh)-



Current Date	Wednesday
HAZID	Radford
EXPIRO	2251
PRCDNO	1

```
22 - Acquisition Parameters
=====
Date_      2017122
Time       20.59
INSTRUM    5000L
PROBHD     5 mm PABBO BB-
PULPROG    zgpg30
ID          65536
SOLVENT    DMSO
=====
```



```

===== CHANNEL #
BR01      300.611876 MHz
HCl        15.00 Csec
P1M1      6.40000010 M

I2 = Iodinating Reagents
I2        6.5536
ST        300.610000 MHz
RTG       100
S15       0
LI        0.30 Cc
FB        0
PC        5.00

```

C13-De.mikpasand- code 01 (sedight)-test



Current Data Parameters
NAME RASQ1
EXPNO 1321
PROCNO 1

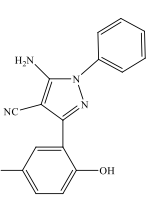
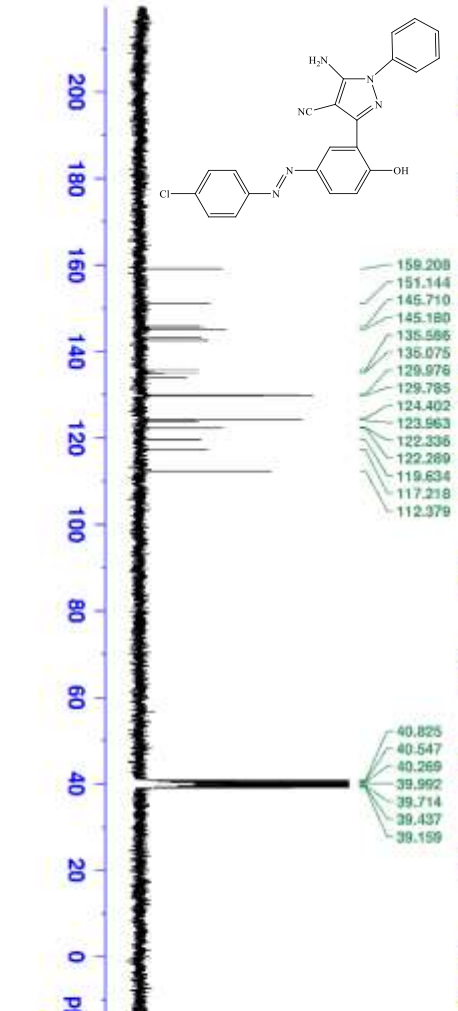
F2 - Acquisition Parameters

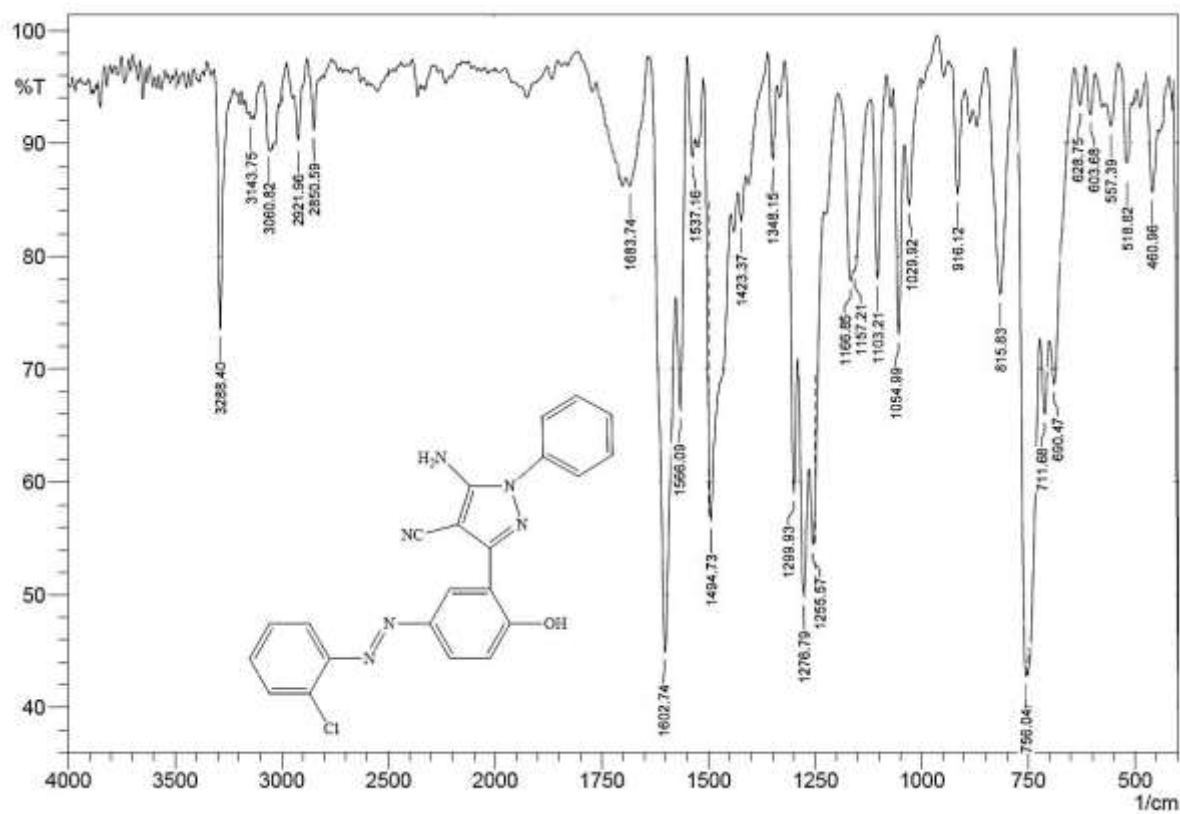
Date_ 20111217
Time 9.43
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 4
DS 4
SOL 1811.941 Hz
FIDRES 0.276427 Hz
AQ 1.800793 sec
RG 202
DW 27.600 usec
DE 5.50 usec
TE 306.0 K
D1 2.0000000 sec
D11 0.0300000 sec
TDO 1

PC 202
NO 1
F2 - Processing parameters
SI 32768
SF 75.637350 MHz
WDW EM
SSB 0
GB 1.00 Hz
PC 1.40

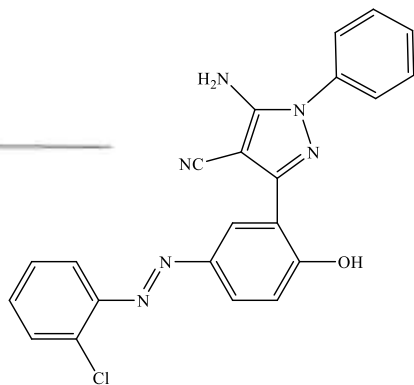
CHANNEL f1
NUC1 13C
P1 130
PL1 19.00 usec
PL12 30.0000000 W

CHANNEL f2
NUC2 1H
PCPGP12 waitz16
PCPD2 80.00 usec
P1M2 5.4000010 W
P1M12 0.1778000 W
P1M13 0.1439999 W





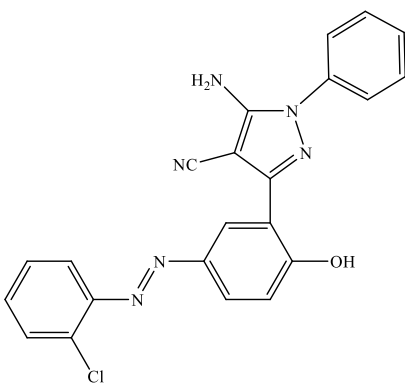
0.1A



0.285
0.278

7.815
7.807
7.796
7.778
7.696
7.691
7.670
7.666
7.640
7.549
7.539
7.533
7.515
7.508
7.491
7.484
7.465
7.460
7.440
7.436
7.384
7.295
7.269
7.244
7.175
7.157
7.128
7.081
7.055

6.825
6.801
6.777



Current Date Parameters	
NAME	12-29-2017
EXPNO	12
PROCNO	1

F2 - Acquisition Parameters
Date: 20171230

1	THIUM	20.27
2	INSTRUM	spec
3	5 mm	PABO BB
4	FLUORID	2430
5	PULFROG	6554
6		CMSO
7	SOLVENT	128
8	DS	2
9	98H	6009.615 Hz
10	FINDRES	0.0316169 Hz
11	MA	5.4325852 sec
12	MD	3.122
13	DM	83.4000 uen
14	DE	6.30 uen
15	TE	
16	0 K	
17	1.000000000 sec	
18	TD0	1

```

CHANNEL F1
SF01 300.818576 MHz
P1 1H 15.00 usec
PLM1 6.40000010 W

```

FE - Processing parameters	
S1	6536
S2	300.810000 mm
MDM	5M
S5B	0
L2	0.30 Hz
S3	0
PC	1.00



E2 - Acquisable Patent
 20100101

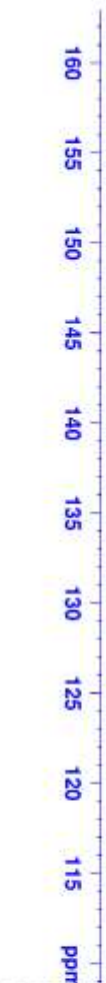
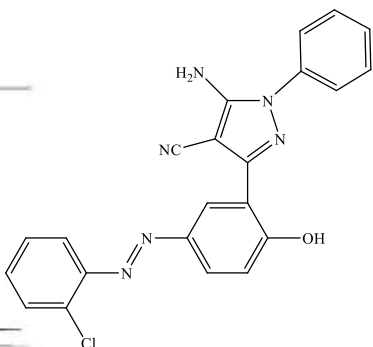
```

***** CHANNEL F1 *****
SFO1      75.6462982 MHz
MNC1      13C
P1         10.00 us/cyc
PLMT       30,00000000 M

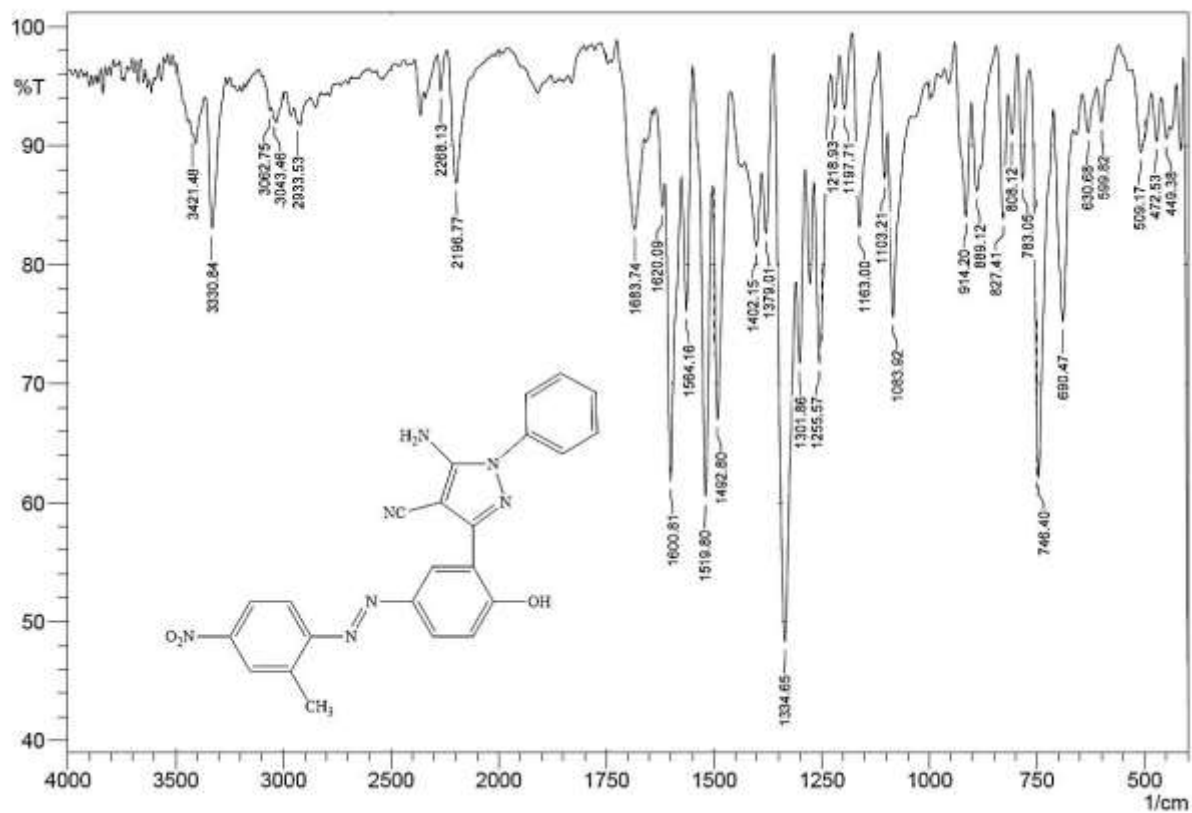
```

F2 - Processing parameters	
ST	32768
SE	13.0MHz/350 Hz
IN	EM
SEB	E
LB	1.00 Hz
GB	0
PC	1.40

C13-D1-nikpesand- code 01A(scdigh1)-test



Current Data Parameters
NAME: Rasm.
EXPNO: 3
PROCNO: 1
F2 - Acquisition Parameters
Date_ : 20180401
Time : 12.21
INSTRUM: spect
PROBHD: 5 mm PABBO BB-
PULPROG: zgpg30
TD: 65536
SOLVENT: DMSO
NS: 255
DS: 4
SWH: 18115.941 MHz
FIDRES: 0.276427 Hz
AQ: 1.8087935 sec
RG: 302
CW: 27.500 uSsec
DE: 6.50 uSsec
TE: 0 K
D1: 2.00000000 sec
D11: 0.03000000 sec
TD0: 1
===== CHANNEL f1 =====
SP01: 75.6462982 MHz
NUC1: 13C
P1: 10.00 uSsec
PLM1: 30.00000000 MHz
===== CHANNEL f2 =====
SP02: 300.612031 MHz
NUC2: 1H
P2: 90.00 uSsec
PLM2: 6.40000010 MHz
PLM3: 0.17128600 MHz
PLM13: 0.14399999 MHz
F2 - Processing parameters
SI: 32768
SF: 75.6387150 MHz
WDW: EM
SSB: 0
GB: 0
PC: 1.40



Sedighi- code 01B-

8.271
8.264
8.224
8.147
8.139
8.118
8.110

7.812
7.804
7.783
7.774
7.680
7.650

7.300
7.272
7.240

7.103
7.074
7.060
7.035

6.832
6.808
6.764

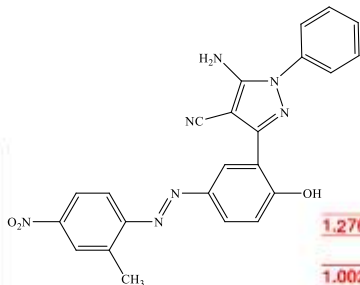


Current Data Parameters
NAME Mar03-2018-nmr
EXPNO 26
PROCNO 1

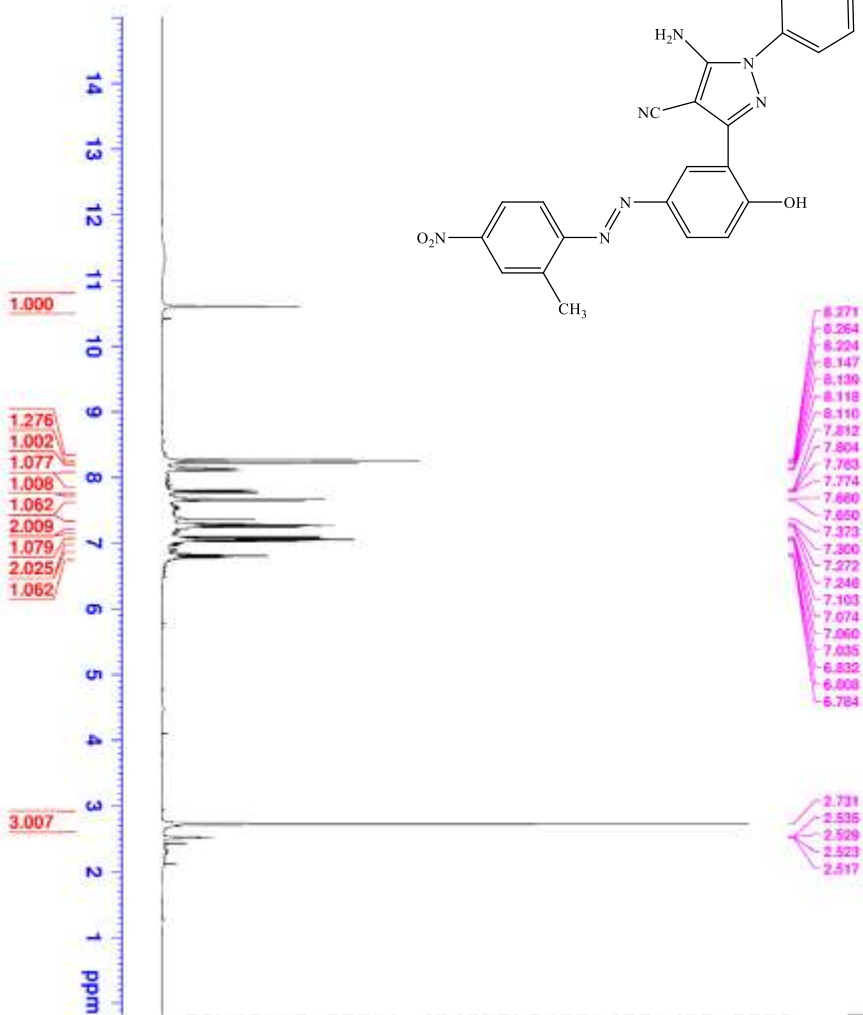
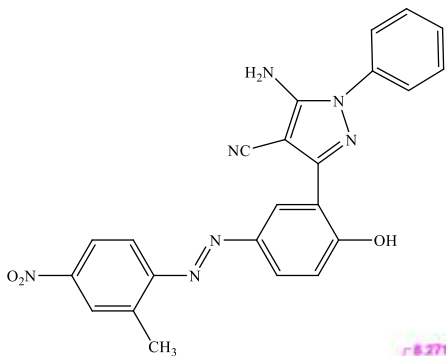
F2 - Acquisition Parameters
Date_ 20180305
Time 18.15
INSTRUM spect
PROBHD 5 mm ZABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 32
DS 2
SWH 6089.615 Hz
FIDRES 0.091699 Hz
AQ 3.4123992 sec
RG 39.22
DM 0.200 usec
DE 6.70 usec
TE 300.2 K
D1 1.00000000 sec
TD0 1

CHANNEL #1
NUC1 300.811676 MHz
P1 15.00 usec
PL1 0.4000010 W
F1M1

F2 - Processing Parameters
SI 32
SF 300.810000 MHz
WDW EM
SSB 0
GB 0
PC 1.00



Sedigni- code 01B-



Current Data Parameters
NAME: Mar03-2018-pnc
EXPNO: 26
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20180305
Time: 18.15
INSTRUM: spect
PROBHD: 5 mm PABBO BB-
PULPROG: zg30
TD: 65536
SOLVENT: DMSO
NS: 32
DS: 2
SWH: 6009.615 Hz
FIDRES: 0.091699 Hz
AQ: 5.4523952 sec
RG: 99.72
CW: 83.400 usec
DE: 6.30 usec
TE: 295.8 K
D1: 1.00000000 sec
TD0: 1

===== CHANNEL f1 =====
SECT1: 300.818976 MHz
NUC1: 1H
P1: 15.00 usec
PLW1: 6.40000010 W

F2 - Processing parameters
SI: 32768
SF: 300.810000 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00

C13-ed3gh1 - code 01B-



Current Data Parameters
NAME Mor18-2018-cmc
EXPNO 2419
PROCNO 1

F2 - Acquisition Parameters
Date_ 20180308
Time 11:29

INSTRUM spect
PROBHD 5 mm RABBO BB-
PULPROG zgpg30
TD 65536
SFO 500.13
AQ 0.00000000
RG 312
DS 4
SWH 18115.941 Hz
FIDRES 0.216137 Hz
AQ 1.8007935 sec
RG 202

DE 27.600 usec
TE 297.2 K
D1 2.00000000 sec
D11 0.03000000 sec
TD 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PL1 0.00000000 W

===== CHANNEL f2 =====
NUC2 1H
P2 1.00 usec
PL2 0.00000000 W

===== CHANNEL f3 =====
NUC3 1H
P3 1.00 usec
PL3 0.00000000 W

===== CHANNEL f4 =====
NUC4 1H
P4 1.00 usec
PL4 0.00000000 W

===== CHANNEL f5 =====
NUC5 1H
P5 1.00 usec
PL5 0.00000000 W

===== CHANNEL f6 =====
NUC6 1H
P6 1.00 usec
PL6 0.00000000 W

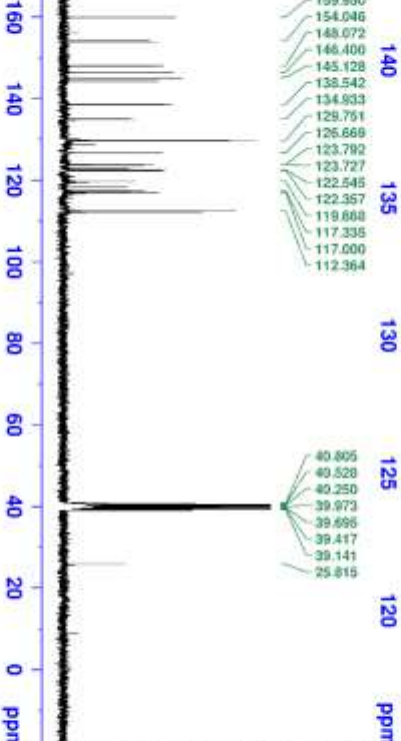
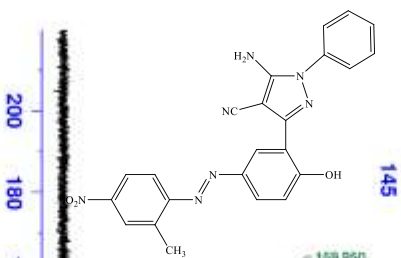
===== CHANNEL f7 =====
NUC7 1H
P7 1.00 usec
PL7 0.00000000 W

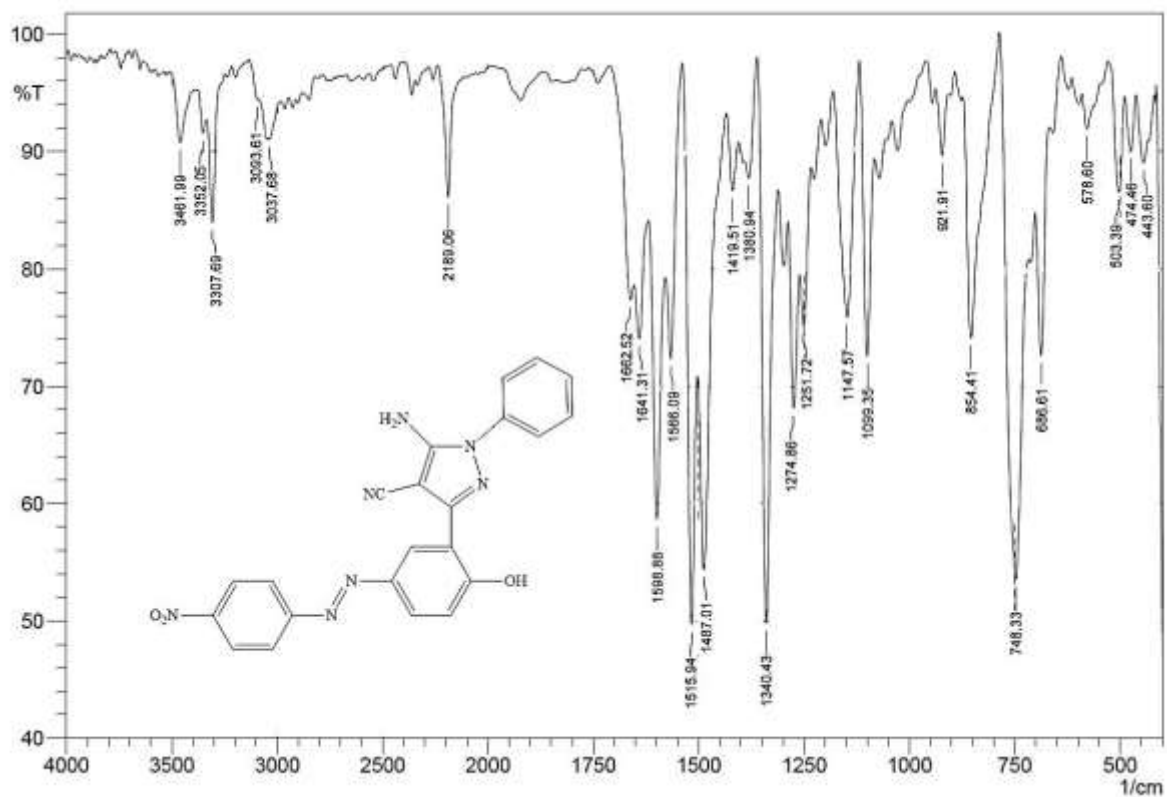
===== CHANNEL f8 =====
NUC8 1H
P8 1.00 usec
PL8 0.00000000 W

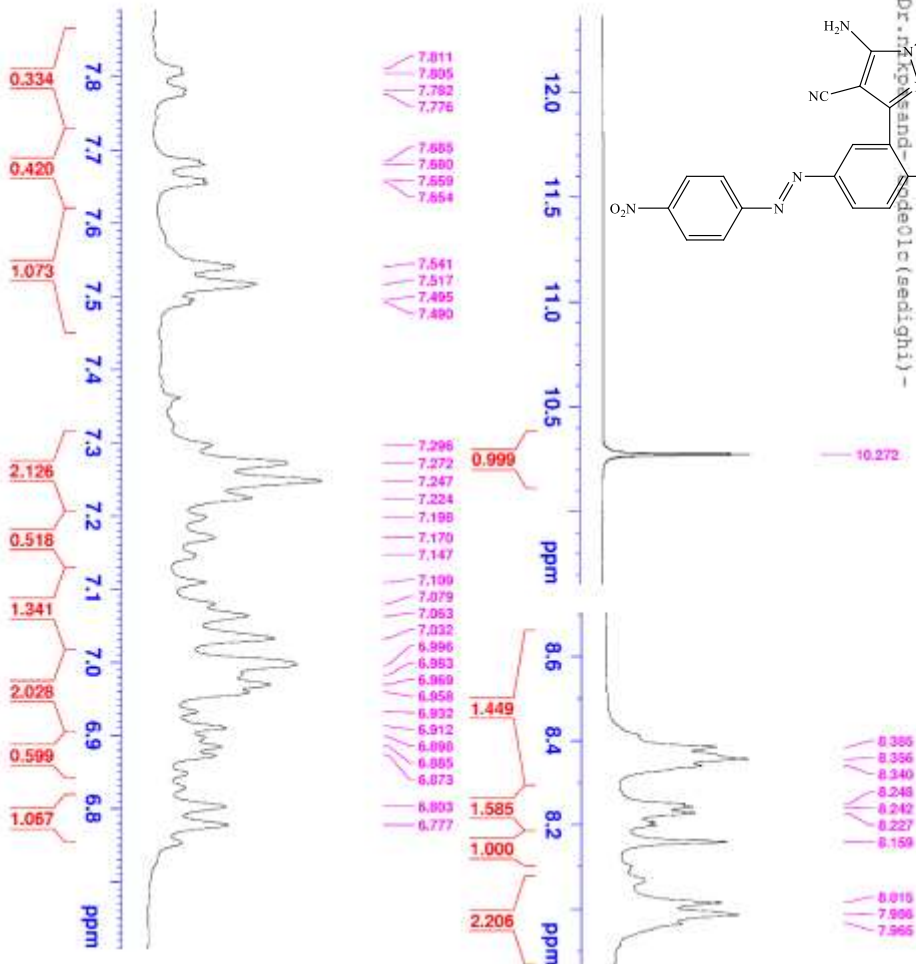
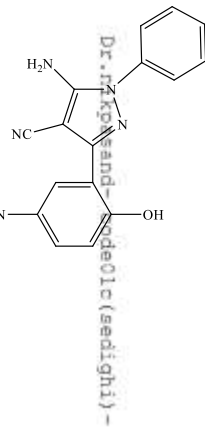
===== CHANNEL f9 =====
NUC9 1H
P9 1.00 usec
PL9 0.00000000 W

===== CHANNEL f10 =====
NUC10 1H
P10 1.00 usec
PL10 0.00000000 W

===== CHANNEL f11 =====
NUC11 1H
P11 1.00 usec
PL11 0.00000000 W







Current Data Parameters
 NAME Apr30-2018 raw
 EXNO 11
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20180430
 Time 12:39
 INSTRUM spect
 PROBUID 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 TO 6.5316
 SOLVENT DMSO
 NS 48
 DS 2
 DE 6009.615 Hz
 SWH 0.091699 Hz
 FIDRES 5.4525952 sec
 AQ 79.72
 RG 83.400 us/cg
 DE 6.50 us/cg
 TE 295.2 K
 D1 1.00000000 sec
 D11 1

===== CHANNEL f1 =====
 SFO1 300.618376 MHz
 NUCL1 1H
 P1 15.00 uW/cg
 PCWL 6.4000010 W

F2 - Processing parameters
 SI 65536
 SF 300.610000 MHz
 WDM FM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

Dr.nikpasand- code01c(aed1.gn1)-

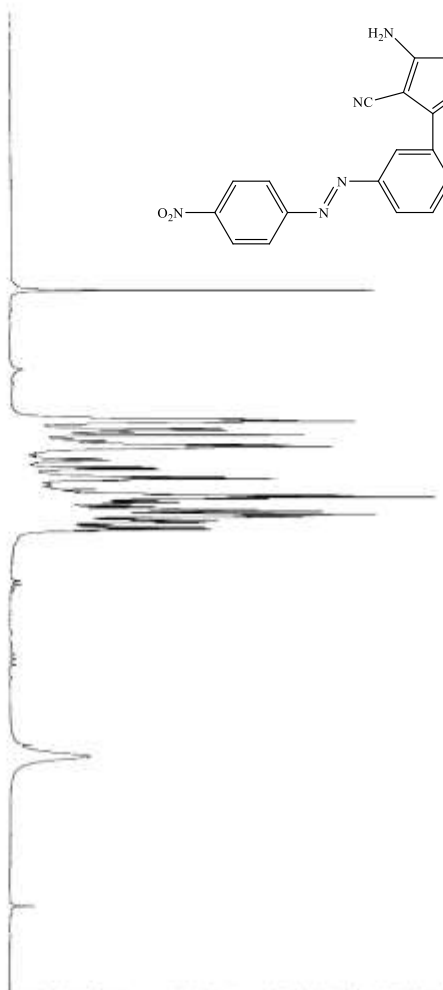
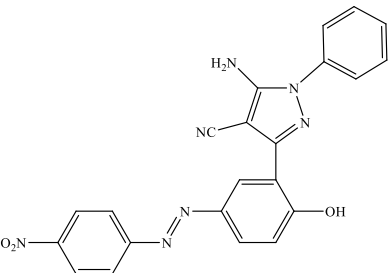
10.272
8.305
8.306
8.340
8.248
8.242
6.227
6.169
6.015
7.986
7.965
7.811
7.805
7.782
7.776
7.685
7.680
7.659
7.654
7.541
7.517
7.495
7.490
7.296
7.272
7.247
7.224
7.196
7.170
7.147
7.109
7.079
7.063
7.032
6.996
6.903
6.909
6.958
6.932
6.912
6.899
6.885
6.873
6.893
6.777
3.457



Current Data Parameters
NAME Apr30-2010-nmr
EXNO 11
PROCNO 1

F2 - Acquisition Parameters

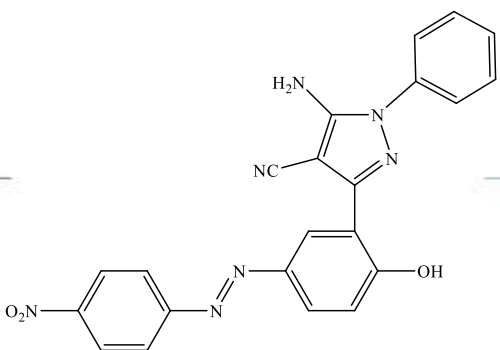
Date_ 20180430
Time 12.39
INSTRUM spect
PROBHD 5 mm PABBO BA
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 4
DS 2
SWH 6009.515 Hz
FIDRES 0.091699 Hz
AQ 5.4525952 sec
RG 79.22
DM 83.200 usec
DE 6.50 usec
TE 295.5 K
D1 1.00000000 sec
TD0 1



0.999
1.449
1.585
1.000
2.206
0.334
0.420
1.073
2.126
0.518
1.341
2.028
0.599
1.067

CHANNEL F1
SFO1 300.811576 MHz
NUC1 1H
P1 15.00 usec
PSM1 6.40000010 M
F2 - Processing parameters
SI 65536
SF 300.810000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

C13-Dr.Nikpaend - code 01C(sedigh1) -



Current Data Parameters
NAME May06-2018-fmc
EXPNO 4
PROCNO 1

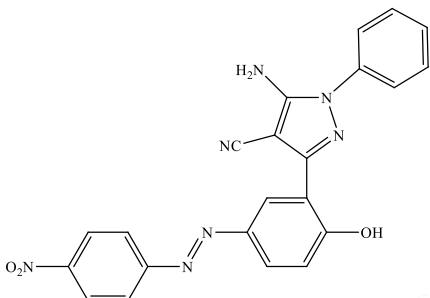
F2 - Acquisition Parameters
Date_ 20180506
Time 11.16
INSTRUM spect
PROBHD 5 mm PABO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 400
DS 4
SWH 18115.941 Hz
FIDRES 0.276421 Hz
AQ 1.8881935 sec
RG 320
DM 27.600 usec
DE 6.50 usec
TE 296.8 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

CHANNEL #1
SFO1 75.6462982 MHz
NUC1 13C
P1 10.00 usec
PLW1 30.00000000 W

CHANNEL #2
SFO2 300.8110331 MHz
NUC2 1H
P2 10.00 usec
PLW2 30.00000000 W

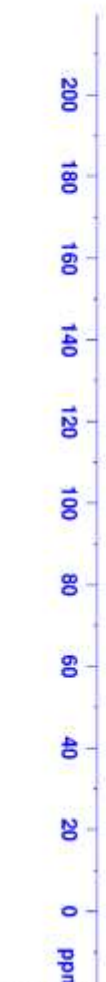
F2 - Processing parameters
SI 32768
SF 75.6387350 MHz
WDW EM
SSB 0
GB 0
PC 1.40

C13-Dr.Mikrasand- code 01c(sedigh1) -



156.170
145.174
137.863
136.838
129.728
129.610
127.847
125.382
123.548
120.877
119.905
119.816
119.423
117.688
116.380
112.380
112.173

40.797
40.520
40.243
39.965
39.687
39.400
39.132



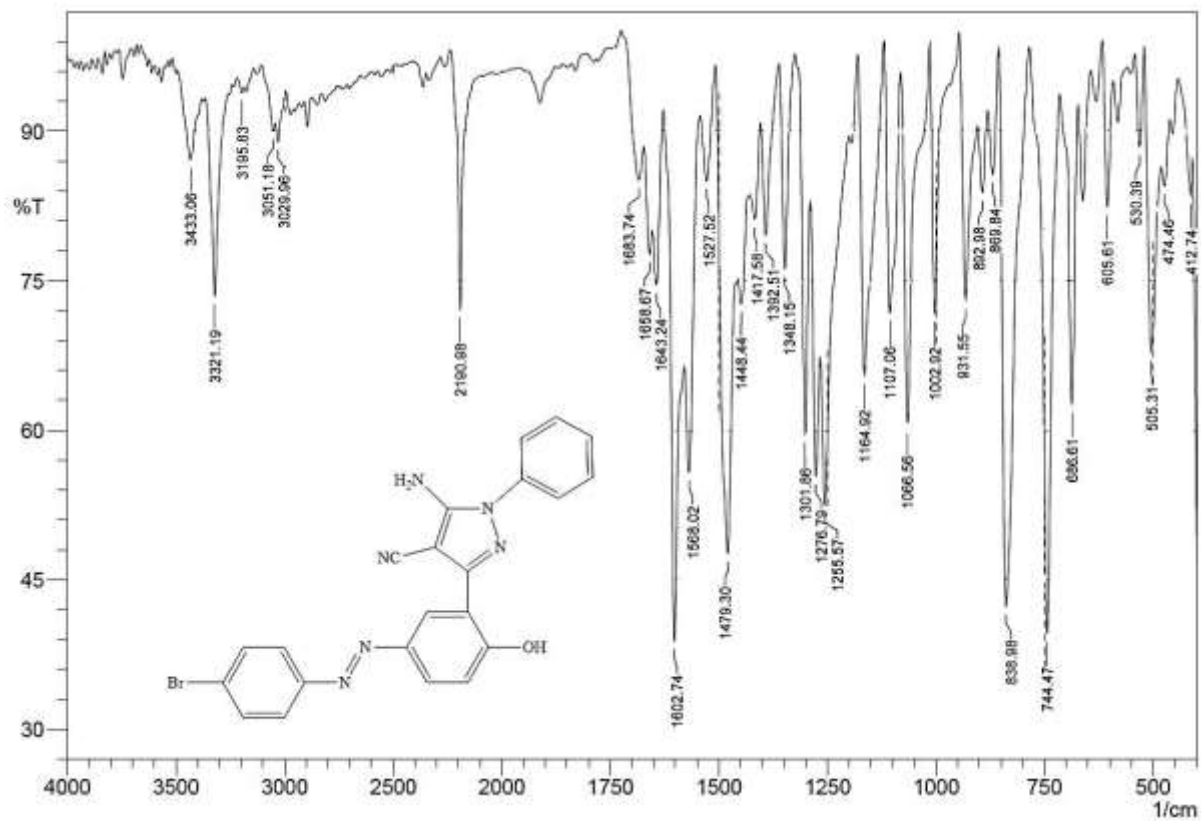
Current Data Parameters
NAME Day06-2018-DAC
EXPTNO 4
PROCNO 1

F2 - Acquisition Parameters
Date_ 20180606
Time 11:16
INSTRUM spect
PROBHD 5 mm DSSQ-BB
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 400
DS 4
SWH 18115.941 Hz
FIDRES 0.276427 Hz
AQ 1.8087935 sec
RG 202
DM 27.500 usec
DE 6.50 usec
TE 296.8 K
D1 2.00000000 sec
D11 0.03000000 sec
DOR 1

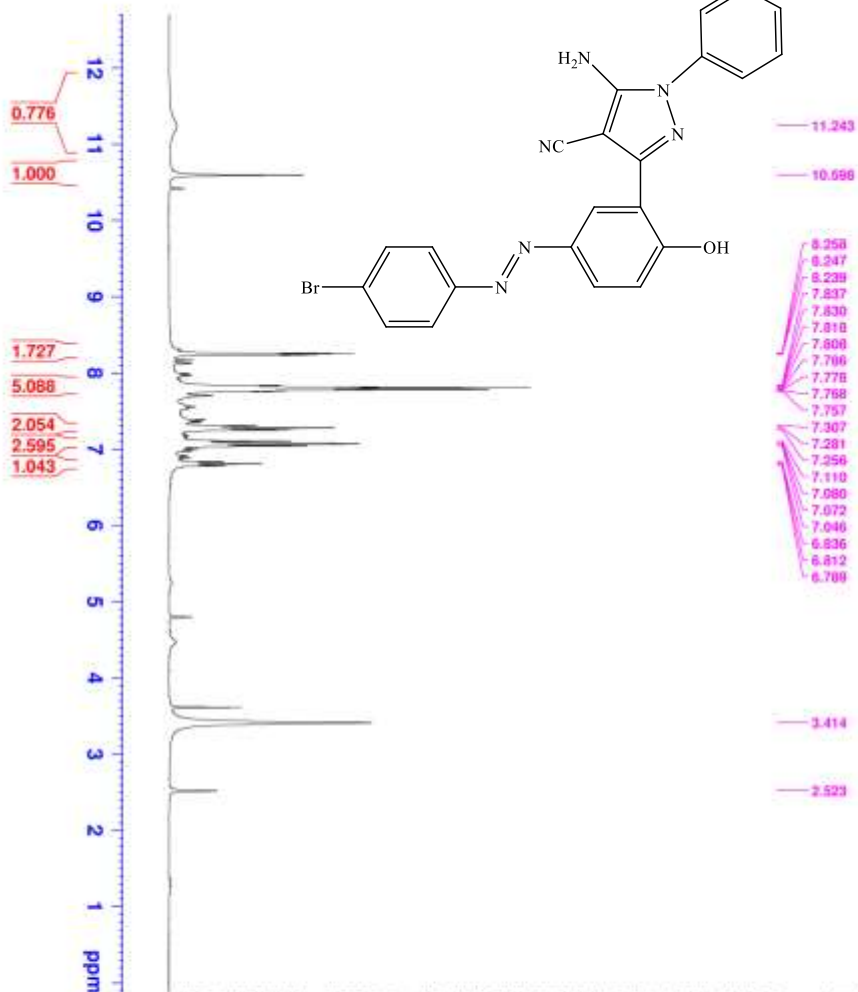
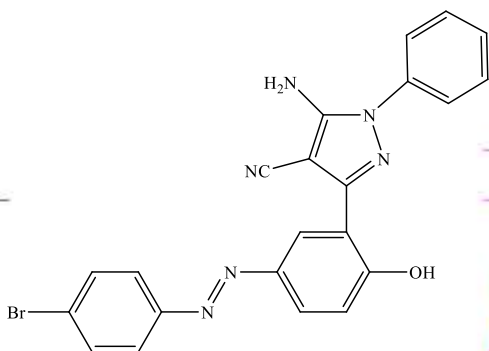
CHANNEL F1
NUC1 13C
P1 1.00 usec
PL1 0.00000000 W

CHANNEL F2
NUC2 1H
P2 1.00 usec
PL2 0.00000000 W

F2 - Processing parameters
SI 32768
SF 75.6387350 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



Dr.nikpasand- code 01H (sedighi) -



Current Data Parameters
NAME May22-2018-004
EXPNO 32
PROCNO 1

F2 - Acquisition Parameters
Date_ 20180523
Time 12:39
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 168
DS 2
SWH 400.115 Hz
FIDRES 0.091699 Hz
AQ 5.4515952 sec
RG 113.32
RM 81.400 usec
DE 6.50 usec
TE 297.3 K
D1 1.0000000 sec
TDO 1

===== CHANNEL f1 =====
SFO1 300.811876 MHz
NUC1 1H
P1 15.00 usec
PLW1 6.4000010 W

F2 - Processing parameters
SI 65536
SF 300.810000 MHz
SBB 0 SM
LA 0
GB 0
PC 1.00

C13-Dr.Nikpasand- code 01H(sedigh1) -



Current Data Parameters
NAME: MAY25-2018-unt
EXNO: 17
PROCNO: 1

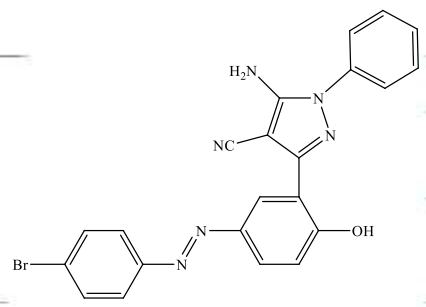
F2 - Acquisition Parameters

Date_: 20180528
Time: 10.19
INSTRUM: spect
PROBHD: 5 mm PABBO BB-
PULPROG: zgpg30
TD: 65536
SOLVENT: DMSO
NS: 320
DS: 4
SWH: 18115.941 Hz
FIDRES: 0.276427 Hz
AQ: 1.5987935 sec
RG: 302
RG2: 27.500 usec
RG3: 6.50 usec
TR: 2.983 sec
TE: 300.2 K
D1: 0.03000000 sec
D11: 1

CHANNEL f1
SFO1 75.6462982 MHz
NUC1 13C
P1 10.00 usec
PL1 30.00000000 W

CHANNEL f2
SFO2 300.8112032 MHz
NUC2 1H
PCPDPRG2 waltz16
PCPD2 90.00 usec
PLW2 6.10000010 W
PLW3 0.13778000 W
PLW4 0.14399999 W

Processing parameters
SI 32768
SF 75.6187350 MHz
WDW EN
SSB 0
GB 0
PC 1.40



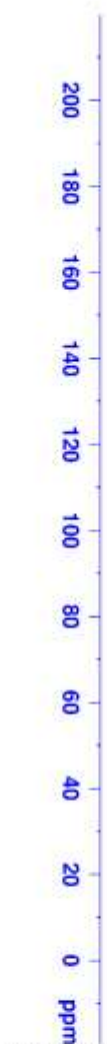
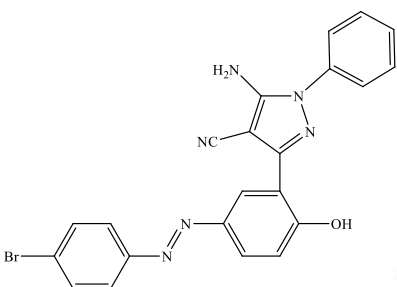
- 189.277
- 186.147
- 151.440
- 145.738
- 145.150
- 135.321
- 133.105
- 132.871
- 132.608
- 129.774
- 125.632
- 124.880
- 124.614
- 124.434
- 123.972
- 122.456
- 122.250
- 120.828
- 119.855
- 119.662
- 117.229
- 116.373
- 112.558
- 112.396
- 112.196



C13-D2-NMRsanaand- code 01H(sed1gh1)-

159.277
156.147
151.440
145.735
145.150
135.321
133.105
132.071
132.606
129.774
125.632
124.880
124.614
124.434
123.072
122.456
122.250
120.928
119.855
119.662
117.229
116.373
112.558
112.395
112.196

40.813
40.636
40.258
39.981
39.703
39.426
39.146



Current Data Parameters
NAME May25-2018-nmr
EXPNO 17
PROCNO 1

F2 - Acquisition Parameters
Date_ 20180526
Time 10.16

INSTRUM spect
PROBHD 5 mm PARBO BB-
PULPROG zgpg30

TD 65536
SOLVENT DMSO
NS 330

DS 4
SHE 18115.941 Hz
FIDRES 0.276417 Hz

AQ 1.8087935 sec
RG 202
DE 27.500 usec

TE 300.2 K
O1 2.00000000 sec
D11 0.03000000 sec
TD0 1

CHANNEL F1
SFO1 75.6662982 MHz
NUC1 13C
P1 10.00 usec
PLW1 30.00000000 W

CHANNEL F2
SFO2 300.8112032 MHz
NUC2 1H
P2 10.00 usec
PLW2 30.00000000 W

PCPD2 80.00 usec
PDM2 6.40000010 W
PCPD2 0.17778000 W
PCPD2 0.14399999 W

PCPD2 0.14399999 W
PCPD2 0.14399999 W
PCPD2 0.14399999 W
PCPD2 0.14399999 W

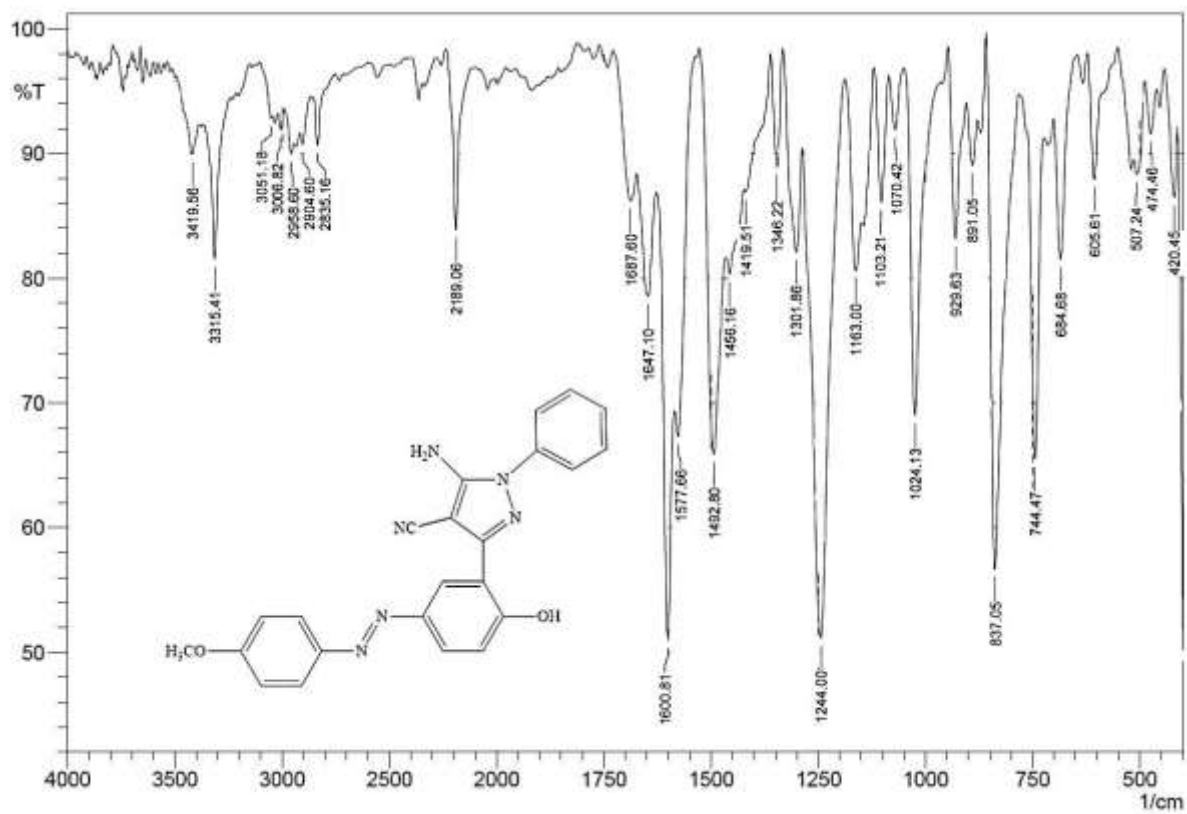
PCPD2 0.14399999 W
PCPD2 0.14399999 W
PCPD2 0.14399999 W
PCPD2 0.14399999 W

PCPD2 0.14399999 W
PCPD2 0.14399999 W
PCPD2 0.14399999 W
PCPD2 0.14399999 W

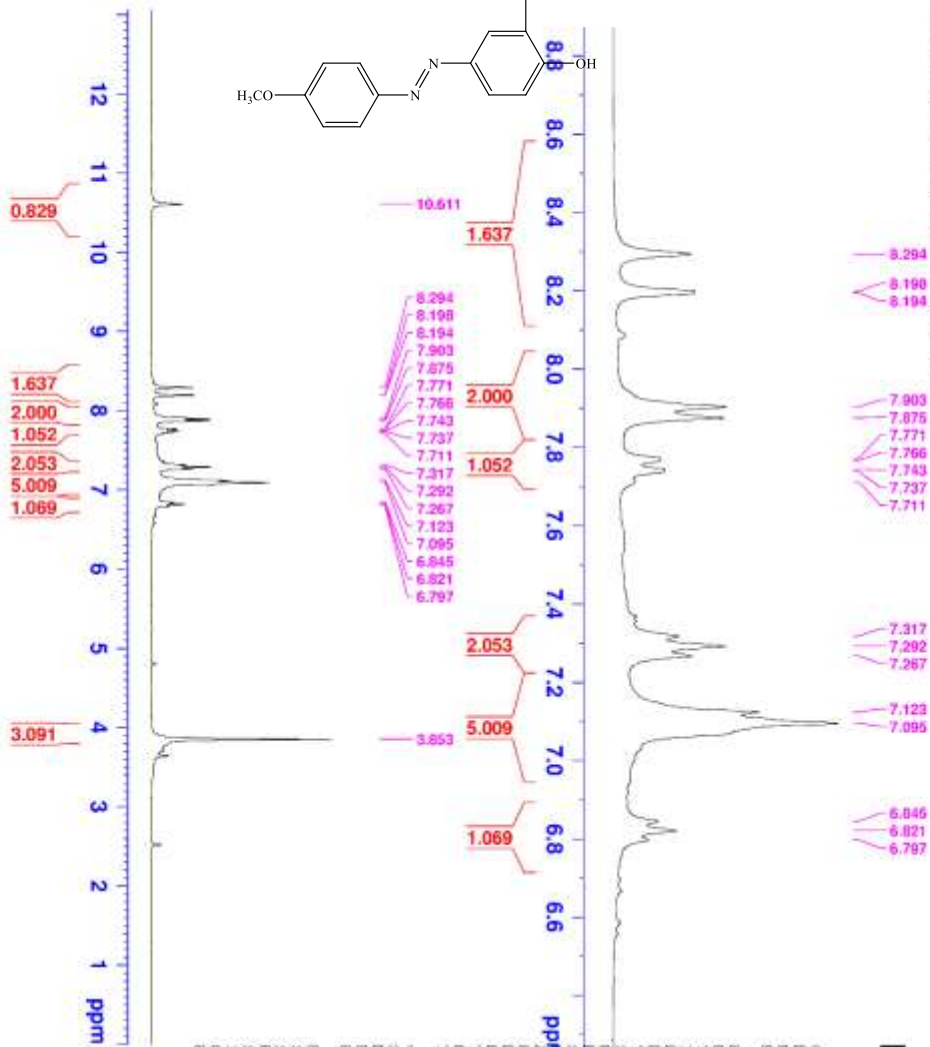
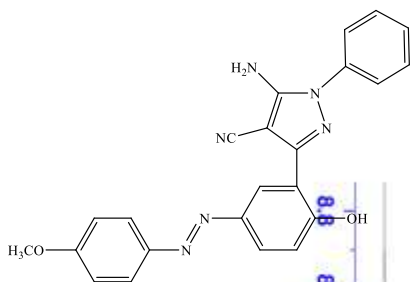
PCPD2 0.14399999 W
PCPD2 0.14399999 W
PCPD2 0.14399999 W
PCPD2 0.14399999 W

PCPD2 0.14399999 W
PCPD2 0.14399999 W
PCPD2 0.14399999 W
PCPD2 0.14399999 W

PCPD2 0.14399999 W
PCPD2 0.14399999 W
PCPD2 0.14399999 W
PCPD2 0.14399999 W



Dr. Nikpasand - code 011 (sedighi) -



BRUKER

```
Current Data Parameters
NAME      May29-2018-mat
EXPNO     28
PROCNO    1
```

E2 - Acquisition Parameters
Date: 20180530

TIME
INSTRUM
PROBHD
PULPRPG
TD
SOLVENT
MS
DS

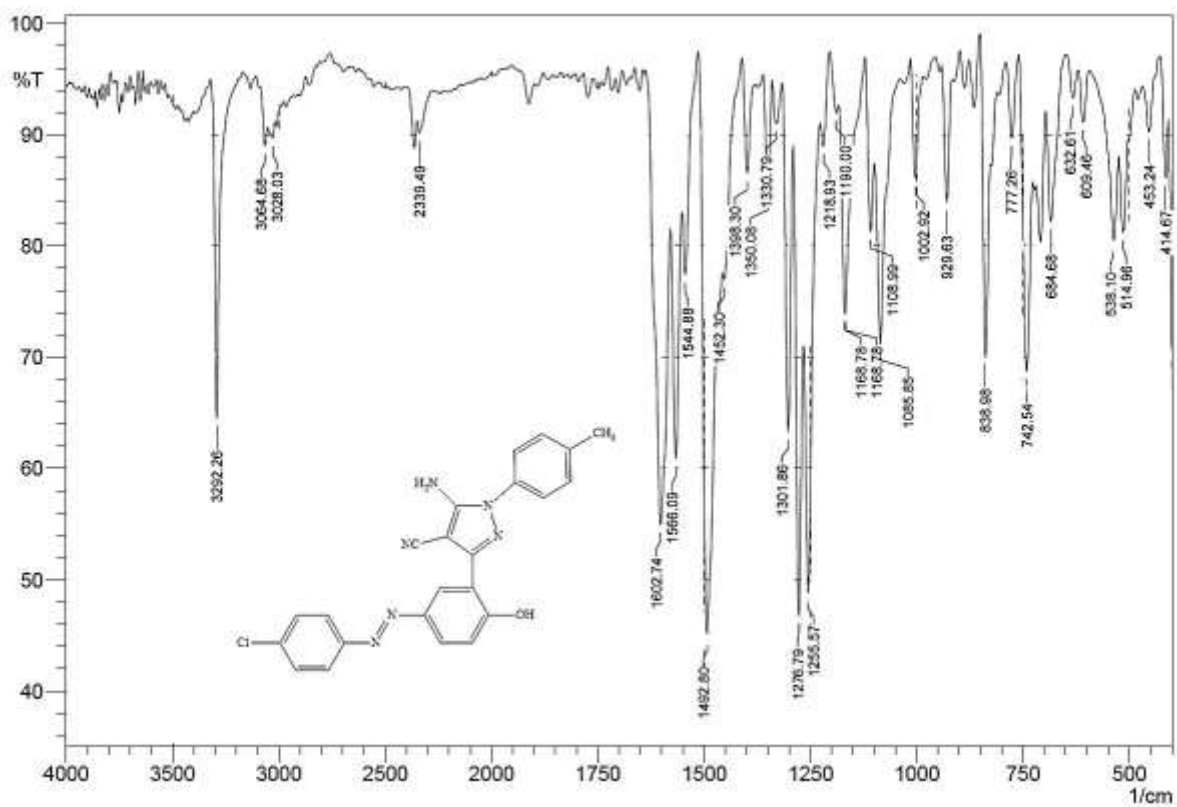
SMR	6009.615 Hz
QMDRES	0.001689 Hz
AQ	5.4521952 sec
FC	55.04
DF	83.200
DE	6.50
TF	296.4
DI	1.00000000 sec
T00	L

```

===== CHANNEL F1 =====
SFO1      300.0110576 MHz
NUC1       1H
P1         15.00 usec
PLMT       6.40000010 W

```

E2 - Processing parameters	
SI	65536
SP	300,810,000.000 MHz
KW	EM
SSB	0
LB	0.30 Hz
GB	0
FC	1.00



Dr. Nikpasand- code 01D (Sedighi) -



Current Data Parameters
NAME: Mar11-2018-nmr
EXPTNO: 14
PROCNO: 1

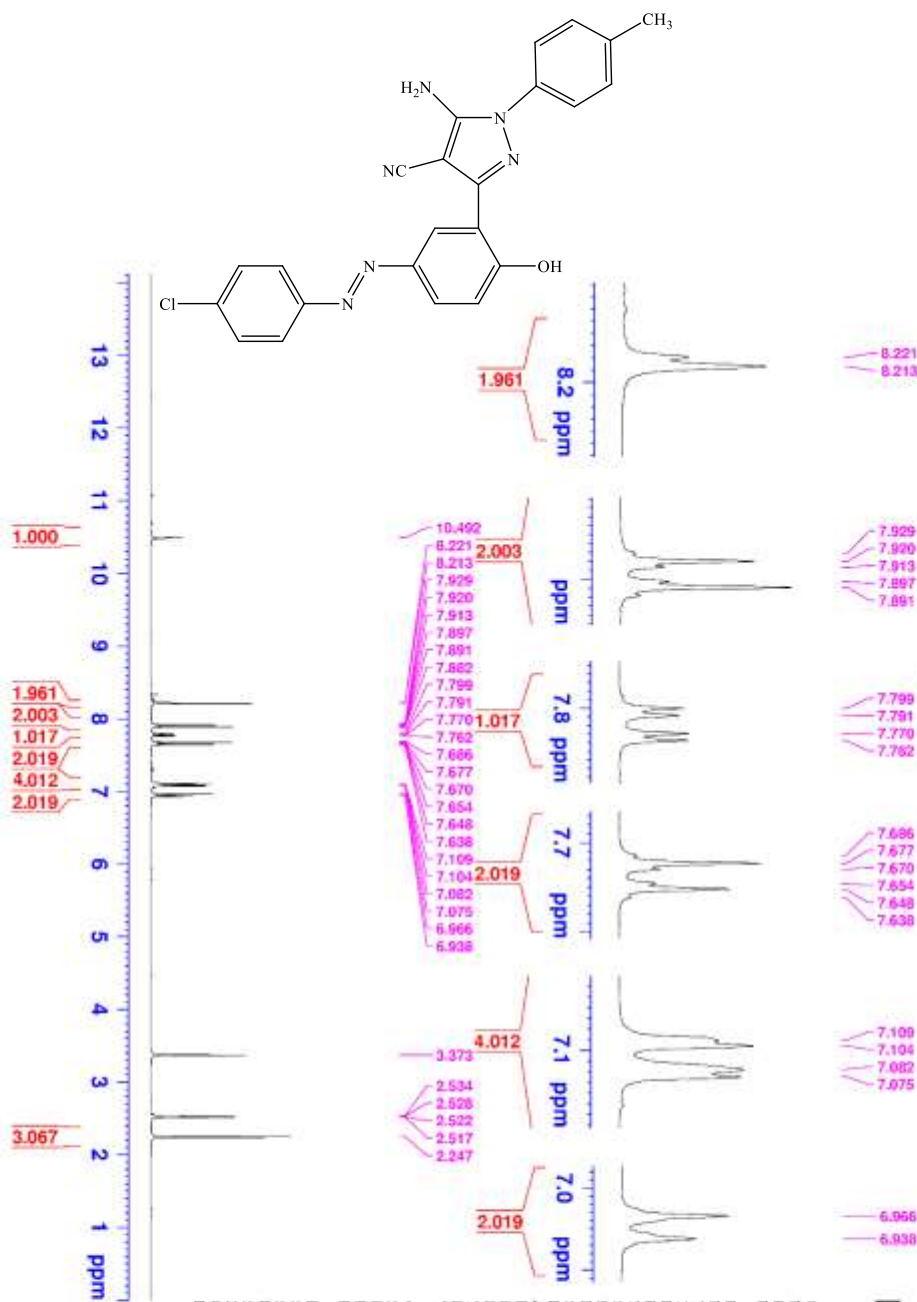
F2 - Acquisition Parameters
Date_: 20180111
Time: 17.13

INSTRUM: spect
PROBHD: 5 mm PABBO BB-
PULPROG: zg30
TD: 65536
SOLVENT: DMSO
NS: 32
DS: 2

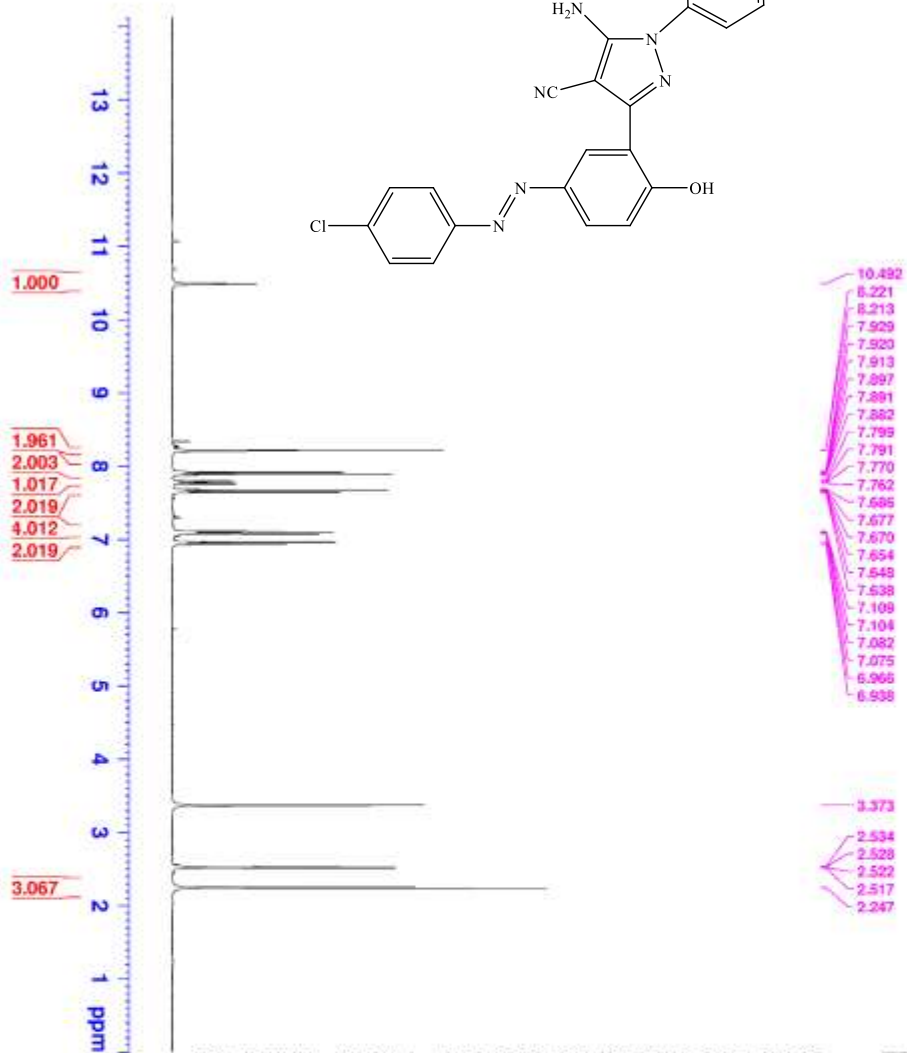
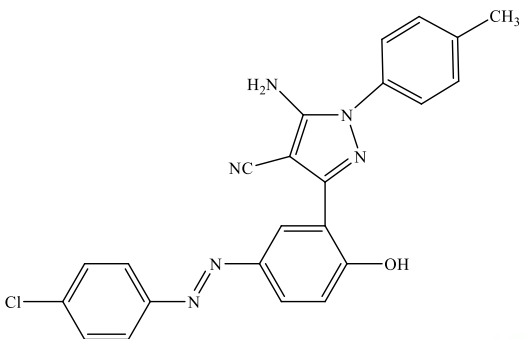
SWH: 6009.615 Hz
FIDRES: 0.091699 Hz
AQ: 5.4525952 sec
RG: 402
DW: 83.200 usec
DE: 6.50 usec
TE: 297.0 K
D1: 1.00000000 sec
TD0: 1

===== CHANNEL f1 =====
NUC1: 13C
P1: 15.00 usec
PLW1: 6.40000010 W

F2 - Processing parameters
SI: 65536
SF: 300.810000 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00



Dr. Nikpasand- code 01D (Sedighi) -

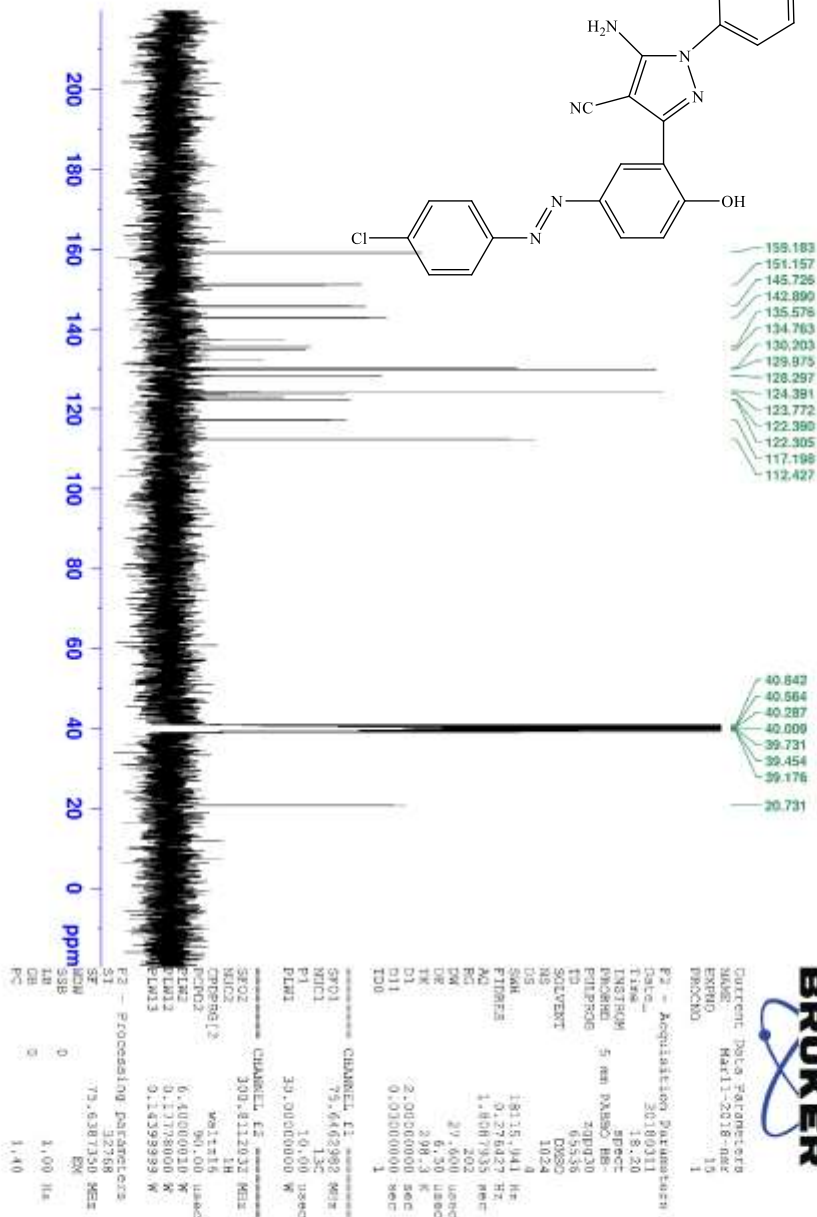
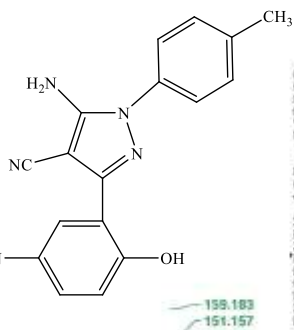


Current Data Parameters
NAME: Mar11-2018-mar
EXPNO: 14
PROCNO: 1

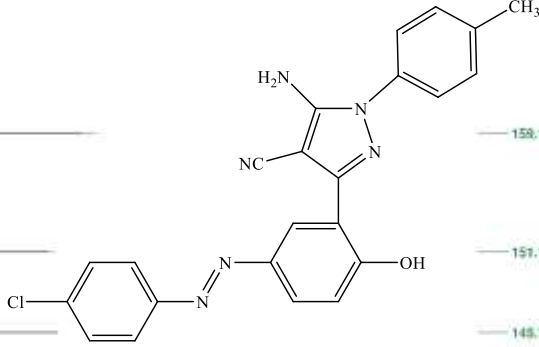
F2 - Acquisition Parameters
Date_ 20180311
Time 17.13
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 32
DS 2
SWH 600.613 Hz
FIDRES 0.09169 Hz
AQ 5.452982 sec
RG 302
DW 63.200 usec
DE 6.250 usec
TE 297.0 K
D1 1.00000000 sec
TD0 1

CHANNEL f1
SFO1 300.6118576 MHz
HDC1 1H
P1 15.00 usec
PL1 6.40000010 W
PLW1
F2 - Processing parameters
SI 65536
SF 300.6110000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
EC 1.00

C13CPD- Dr. Nikpasand- code 01D (Sedigh)-



Cl3CPD- Dr. Nikpasand- code 010 (Sedigh)-



Current Data Parameters
NAME: Mar11-2018-nmr
EXPNO: 13
PROCNO: 1

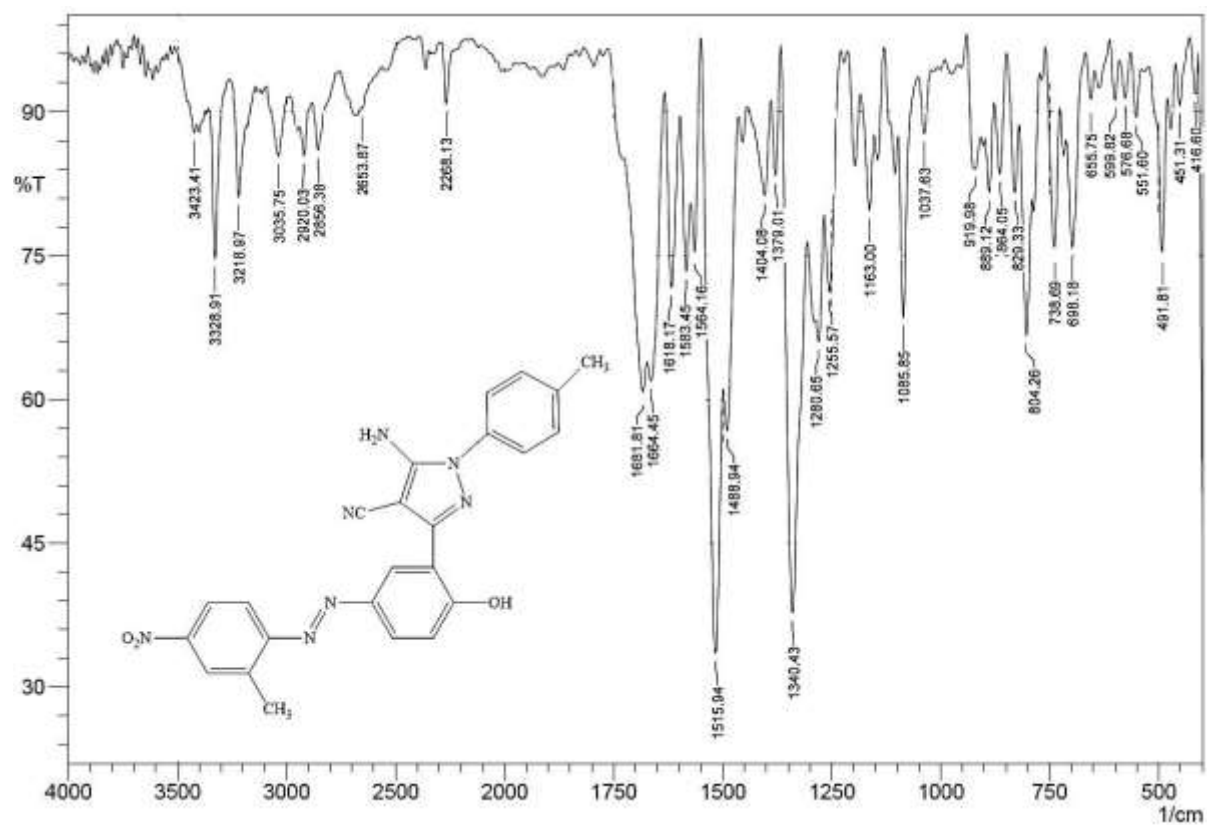
F2 - Acquisition Parameters

Date_ 20180311
Time 18.20
INSTRUM spect
PROBHD 5 mm PASPO-BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 3815.84 Hz
FIDRES 0.376427 Hz
AQ 1.860733 sec
RG 327.202
B0 27.600 MHz
P1 6.50 usec
TE 298.3 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PL1 30.00000000 MHz

===== CHANNEL f2 =====
NUC2 1H
P2 90.00 usec
PL2 6.40000000 MHz
PL12 0.11736000 MHz
PL13 2.14395889 MHz

F2 - Processing parameters
SI 32768
SF 35.5387350 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



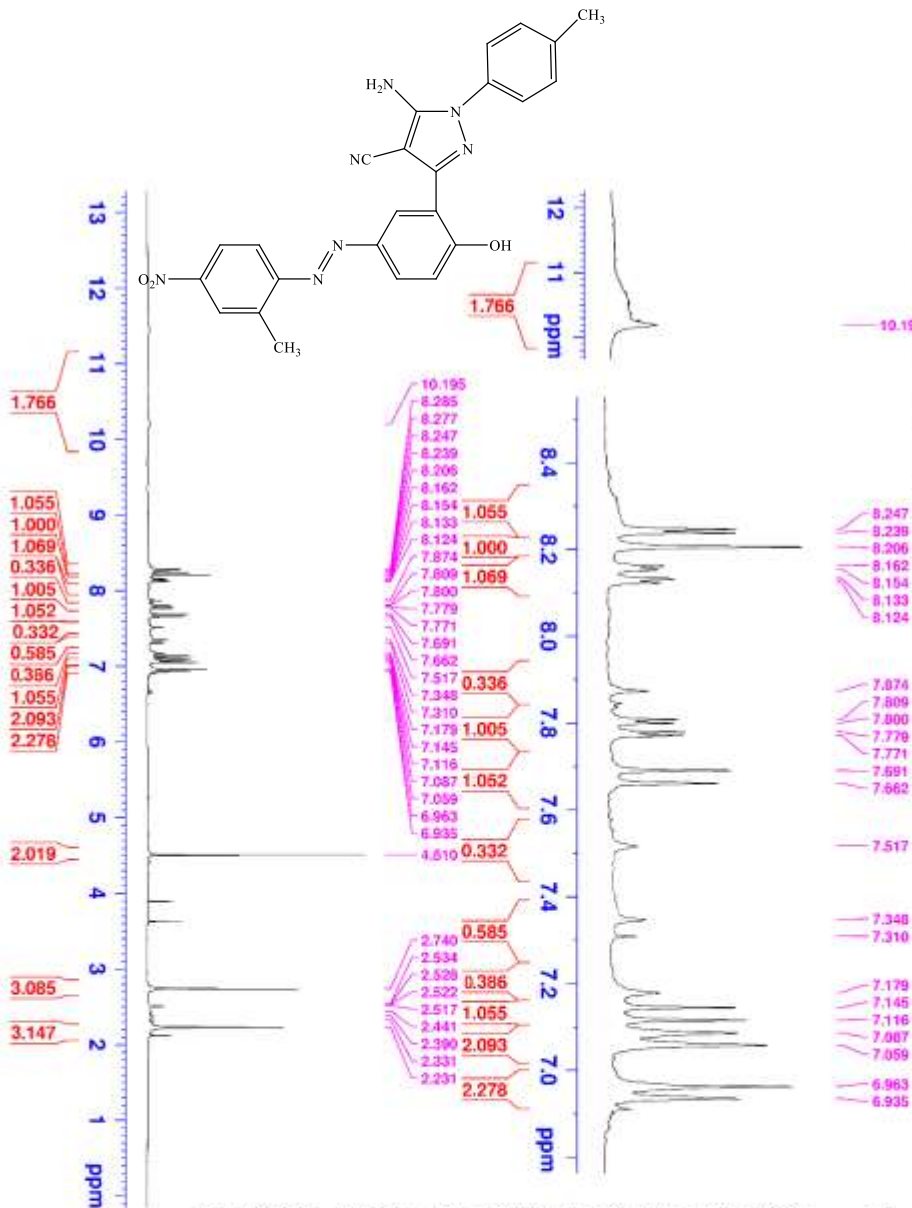
Dr. NIKPASAND- CODE 01E2 (Sedighi) -

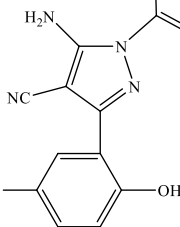


Current Data Parameters
NAME: April8-2018-nmr
PROBHD: 5 mm PABBO 800
PROCNO: 1

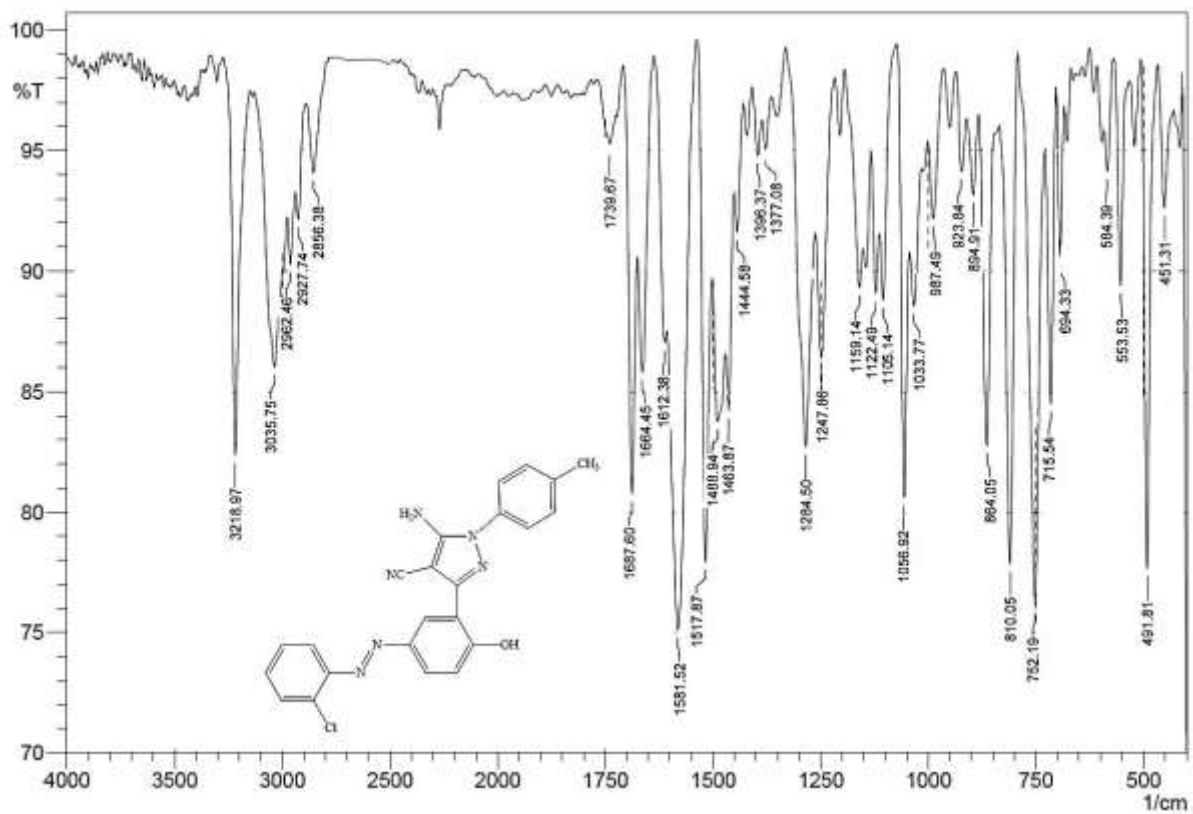
F2 - Acquisition Parameters
Date_: 20180620
Time: 17.30
INSTRUM: spect
PROBHD: 5 mm PABBO 800
PULPROG: zgpg30
TD: 65536
SOLVENT: DMSO
NS: 256
DS: 2
SWH: 6009.615 Hz
FIDRES: 0.091699 Hz
AQ: 5.4525952 sec
RG: 137.27
CF: 83.300 used
DE: 6.50 used
TE: 295.1 K
D1: 1.0000000 sec
TD0: 1

===== CHANNEL f1 =====
SF01: 300.8118576 MHz
NUC1: 1H
P1: 15.00 usec
PLM1: 6.40000010 W
F2 - Processing parameters
SI: 32768
SF: 300.8100000 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00





Current Data Parameters	
NAME	APR2018-new
EXNO	52
PROCNO	1
F2 - Acquisition Parameters	
Time	20180428
Time	7.08
INSTRUM	spect
PROBD	5 mm PABBO BB-
PUFGD	zgpg30
ID	65516
SOLVENT	DMSO
NS	12144
DS	4
SWH	18115.941 Hz
FIDRES	0.276437 Hz
AQ	1.8081935 sec
RG	32
DW	27.600 msec
TE	6.50 msec
DE	299.5 K



Dr.nikpasand- code 01f (sedighi)

8.225
8.160
7.781
7.752
7.744
7.703
7.699
7.689
7.679
7.557
7.530
7.510
7.504
7.480
7.463

7.107
7.079
7.050
7.014
6.992
6.986
6.965
6.946
6.943
6.938
6.923

4.531
4.526
4.518

8.3 8.2 8.1 8.0 7.9 7.8 7.7 7.6 7.5 ppm

7.2

7.1

7.0

6.9

ppm

4.60 4.55 4.50 ppm

2.000

2.000

2.000

2.000

2.000

2.000

2.000

2.000

2.000

2.000

2.000

2.000

2.000

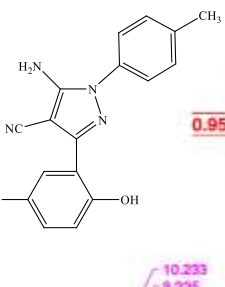
2.000

2.000

2.000

2.000

2.000



Current Data Parameters
NAME: 20180430
EXGNO: 2018-2018-nmc
PROCNO: 13
PROCNO: 1

F2 - Acquisition Parameters

Date_: 20180430
Time: 13.03
INSTRUM: spect
PROBHD: 5 mm JAGBO BB-
PULPROG: zg30
TD: 65536
SOLVENT: DMSO
DS: 48
SS: 2
SFO: 600.615 MHz
FIDRES: 0.091699 Hz
AQ: 5.452952 sec
RG: 113.32



Current Data Parameters
NAME May06-2018-ent
EXPNO 11
PROCNO 1

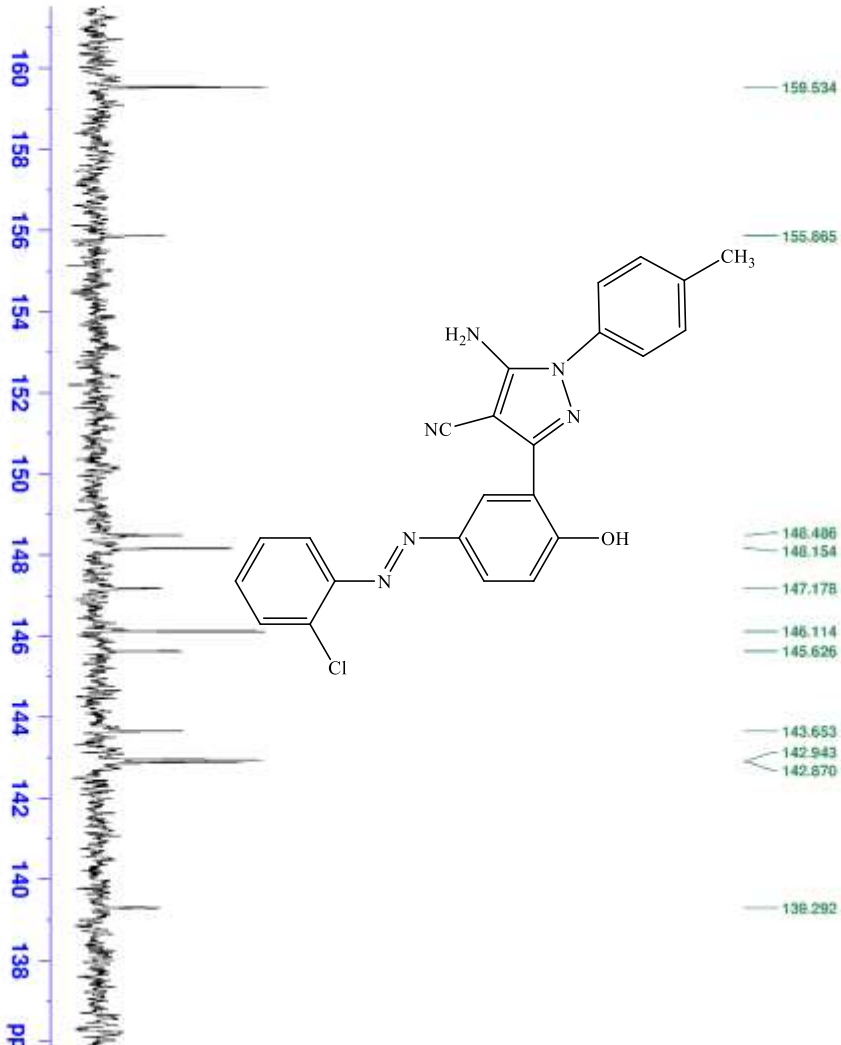
F2 - Acquisition Parameters

Date_ 20180506
Time 13.13
INSTRUM spect
PROBHD 5 mm QNP1H
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 18115.941 Hz
FIDRES 0.576427 Hz
AQ 1.8087935 sec
RG 202
RW 27.600 usec
DM 6.50 usec
TE 297.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

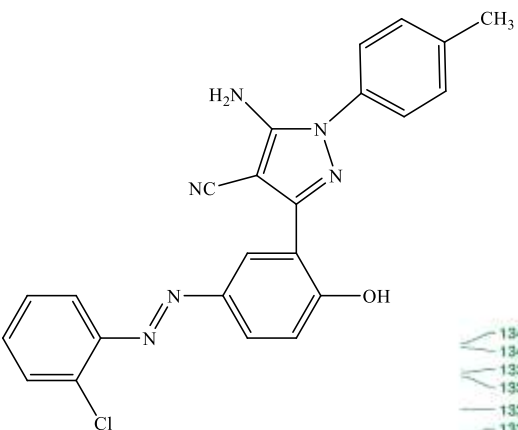
===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PL1 30.00000000 M

===== CHANNEL f2 =====
NUC2 1H
P2 300.8112032 MHz
PL2 10.00 usec
PL12 30.00000010 M
PL13 0.14399992 M

F2 - Processing parameters
SI 32768
SF 75.6387350 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



C13-Dr.Nikpasand- code 01F(sedigh1) -



Current Data Parameters
NAME May06-2018-nmr
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters

Date_ 20180506
Time 13.13
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 18115.941 Hz
FIDRES 0.276427 Hz
AQ 1.6081935 sec
RG 202
DM 27.600 usec
DE 6.50 usec
IR 297.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 75.6452982 MHz
NUC1 13C
P1 10.00 usec
PL1 30.00000000 M
===== CHANNEL f2 =====
SFO2 300.612022 MHz
NUC2 1H
P2 10.00 usec
PL2 0.00000010 M
PL12 0.11718000 M
PL13 0.14359999 M

F2 - Processing parameters
SI 32768
SF 75.6387350 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.10

C13-Dr.Nikpasand- code 01f(eedigh1)-



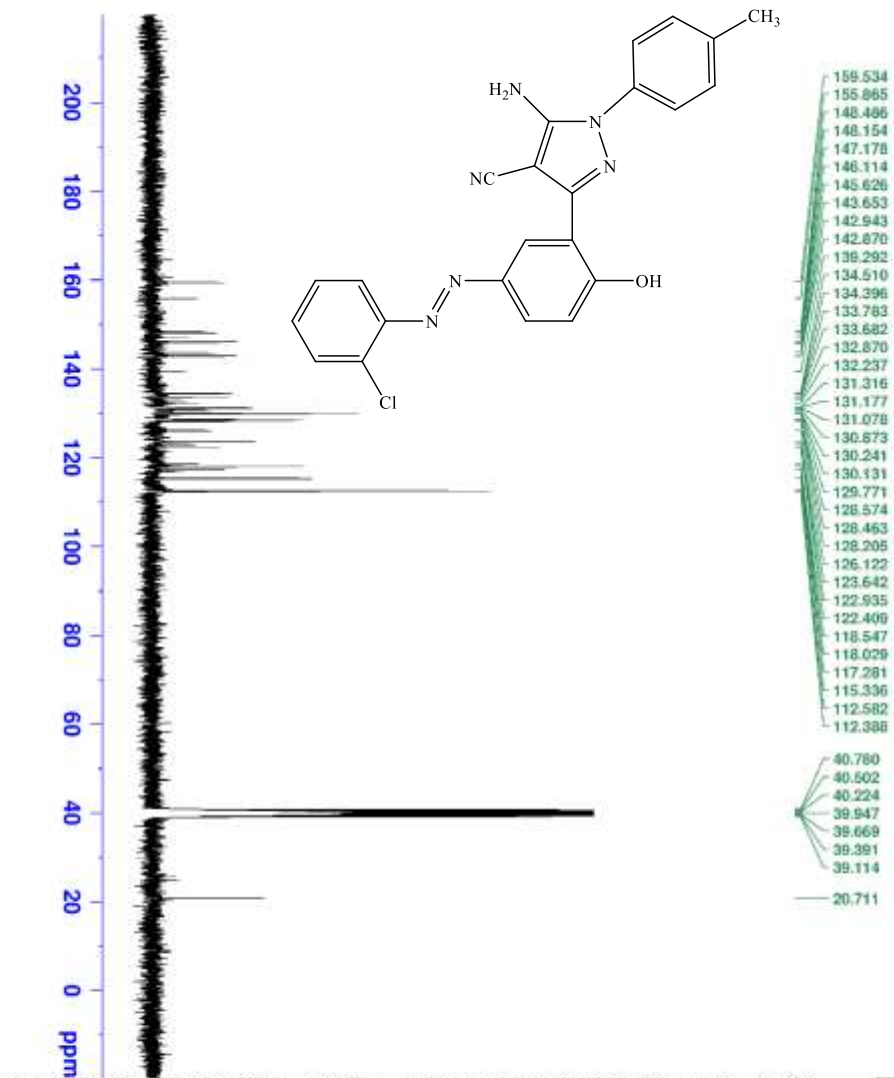
Current Data Parameters
NAME May06-2018-nmr
EXPNO 11
PROCNO 1

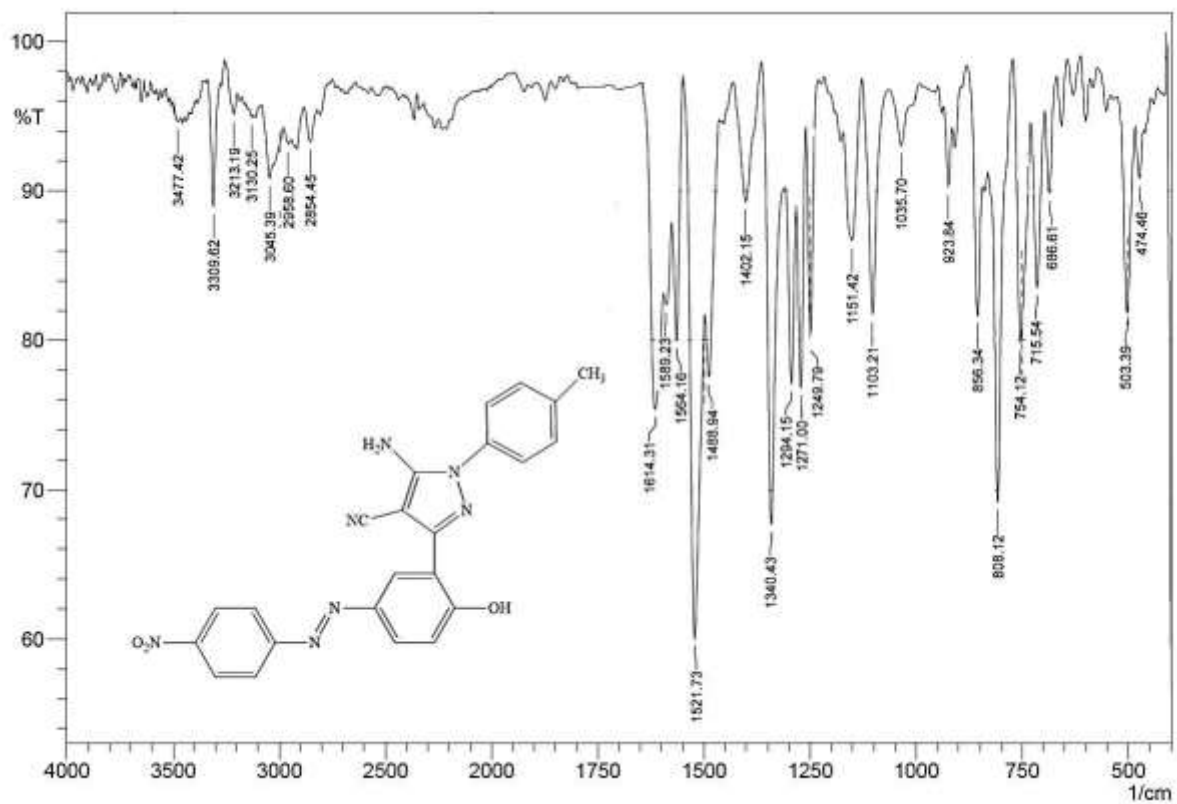
F2 - Acquisition Parameters
Date_ 20180506
Time 13.13
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 18115.941 Hz
FIDRES 0.276427 Hz
AQ 1.8087335 sec
RG 202
DF 27.500 usec
DE 5.50 usec
TE 297.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

CHANNEL f1
NUC1 13C
P1 10.00 usec
PL1 30.00000000 W

CHANNEL f2
NUC2 1H
P2 90.00 usec
PL2 6.40000010 W
PL12 0.1778000 W
PL13 0.14399992 W

F2 - Processing parameters
SI 32768
SF 75.6367350 MHz
WDW EM
SSB 0
LB 0
GB 0
PC 1.40





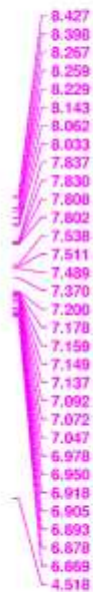
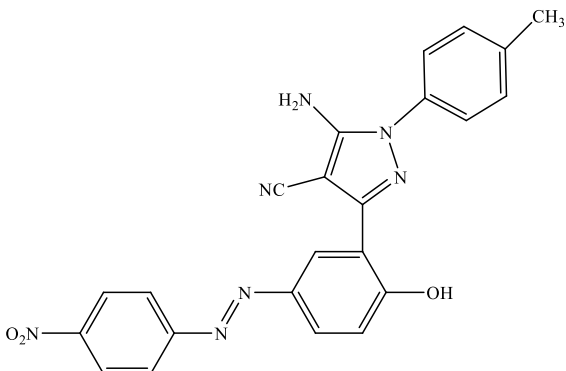
Dr.nikpasand- code 016(sedighi)



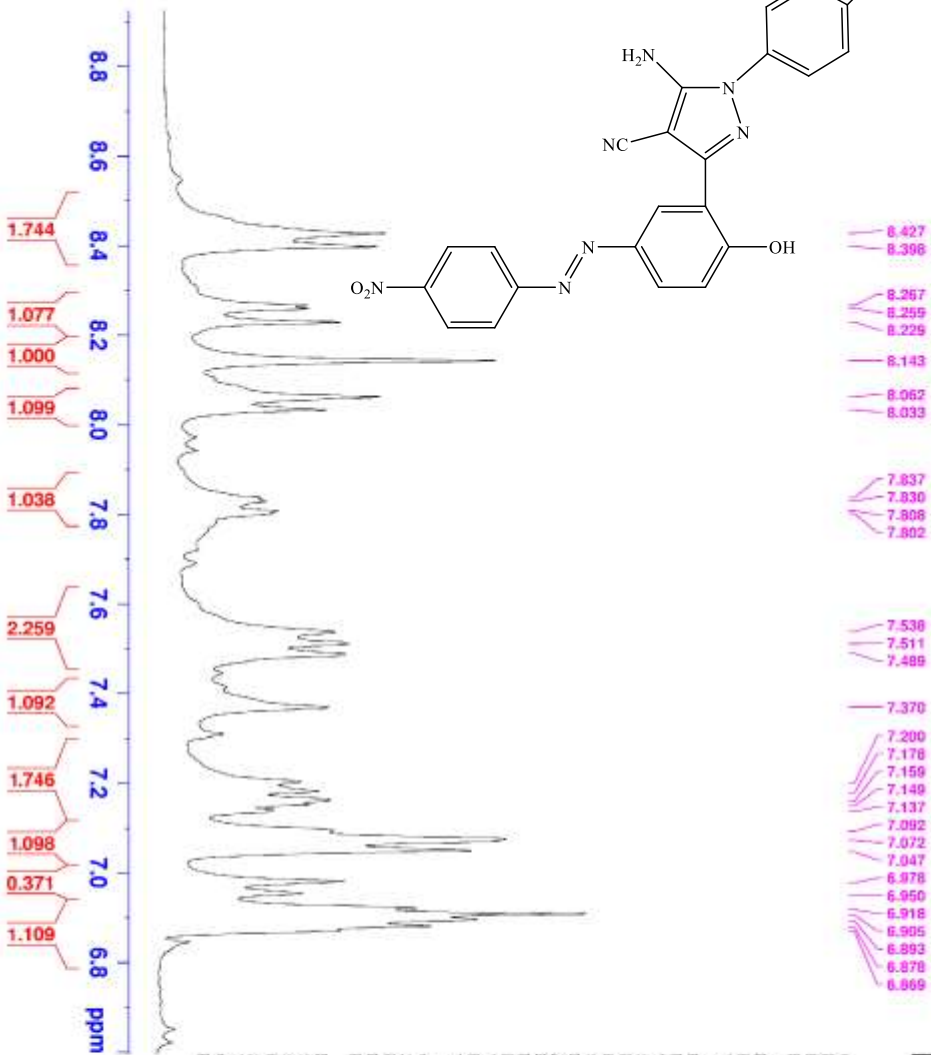
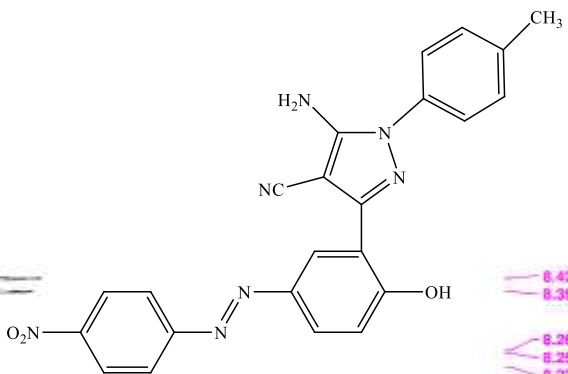
Current Data Parameters
NAME Apr10-2018-nmr
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20180430
Time 12:53
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 48
DS 2
SWH 6009.415 Hz
FIDRES 0.09169 Hz
AQ 5.452952 sec
RG 99.22
DW 83.200 usec
DE 6.50 usec
TE 293.6 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 300,611876 MHz
P1 1H
PL1 15.00 usec
PLW1 6.40000010 W
F2 - Processing parameters
SI 65336
SF 300.6100000 MHz
WDW EM
SSB 0
LB 0
GB 0
PC 1.00



Dr.nikpasand - code 01G(sedighi)



Current Data Parameters
NAME Apr30-2018-nmr
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters
Date_ 20180430
Time 12.53

INSTRUM spect
PROBHD 5 mm PAEPD BB-
PULPROG zgpg30
ID 65536
SOLVENT DMSO
NS 48
DS 2
SWH 6009.615 Hz
FIDRES 0.091699 Hz
AQ 5.4525952 sec
RG 99.22
DT 83.200 usec
DE 6.50 usec
TE 295.5 K
D1 1.0000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 300.6118576 MHz
P1 1H
PL1 15.00 usec
PL12 6.4000010 W

F2 - Processing parameters
SI 65536
SF 300.6100000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

C13-Dr.Nikpasand- code 01G(sed1gh1) -



Current Data Parameters
NAME: May06-2018-nr
EXPNO: 10
PROCNO: 1

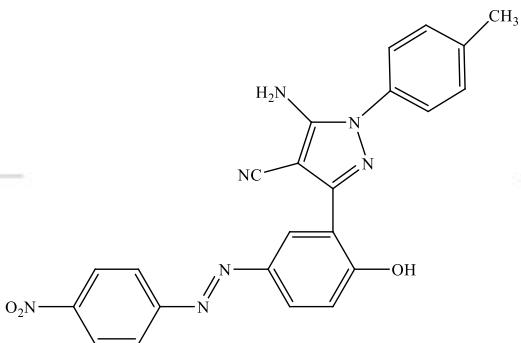
F2 - Acquisition Parameters

Date_ 20180506
Time 11:38
INSTRUM spect
PROBHD 5 mm QNP50 1H-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 512
DS 4
SWH 18115.941 Hz
FIDRES 0.216427 Hz
AQ 1.8081335 sec
RG 202
DM 27.500 usec
DE 5.50 usec
TR 296.9 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PLM1 30.00000000 M

===== CHANNEL f2 =====
NUC2 1H
P2 90.00 usec
PLM2 6.40000010 M
PLM3 0.1778000 M
PLM13 0.14399992 M

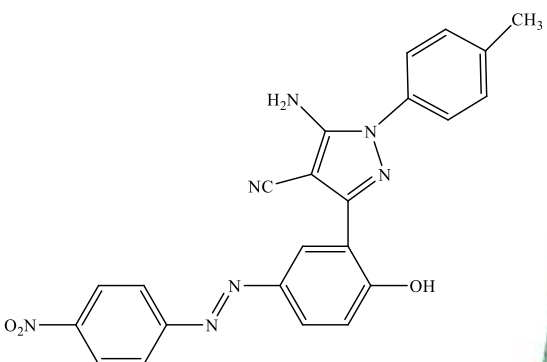
F2 - Processing parameters
SI 32768
SF 75.6381350 MHz
WDW EX
SSB 0
LB 0
GB 0
PC 1.40



156.122
142.972
137.308
130.141
129.410
128.017
127.770
125.469
123.594
120.948
119.790
116.342
112.581
112.431
112.218

160 155 150 145 140 135 130 125 120 115 ppm

C13-Dr.Nikpasand- code 016(sedigh1) -



Current Data Parameters
NAME: May06-2016-nmr
EXPNO: 10
PROCNO: 1



F2 - Acquisition Parameters
Date_: 20180505
Time: 11:58

INSTRUM: spect
PROBHD: 5 mm PABBO BB-
PULPROG: zgpg30
ID: 63536
SOLVENT: DMSO
NS: 512
DS: 4

SWH: 18115.941 Hz
FIDRES: 0.276427 Hz
AQ: 1.8087935 sec
RG: 202
DM: 27.500 usec
DE: 6.50 usec
TE: 296.9 K
D1: 2.00000000 sec
D11: 0.03000000 sec
TD0: 1

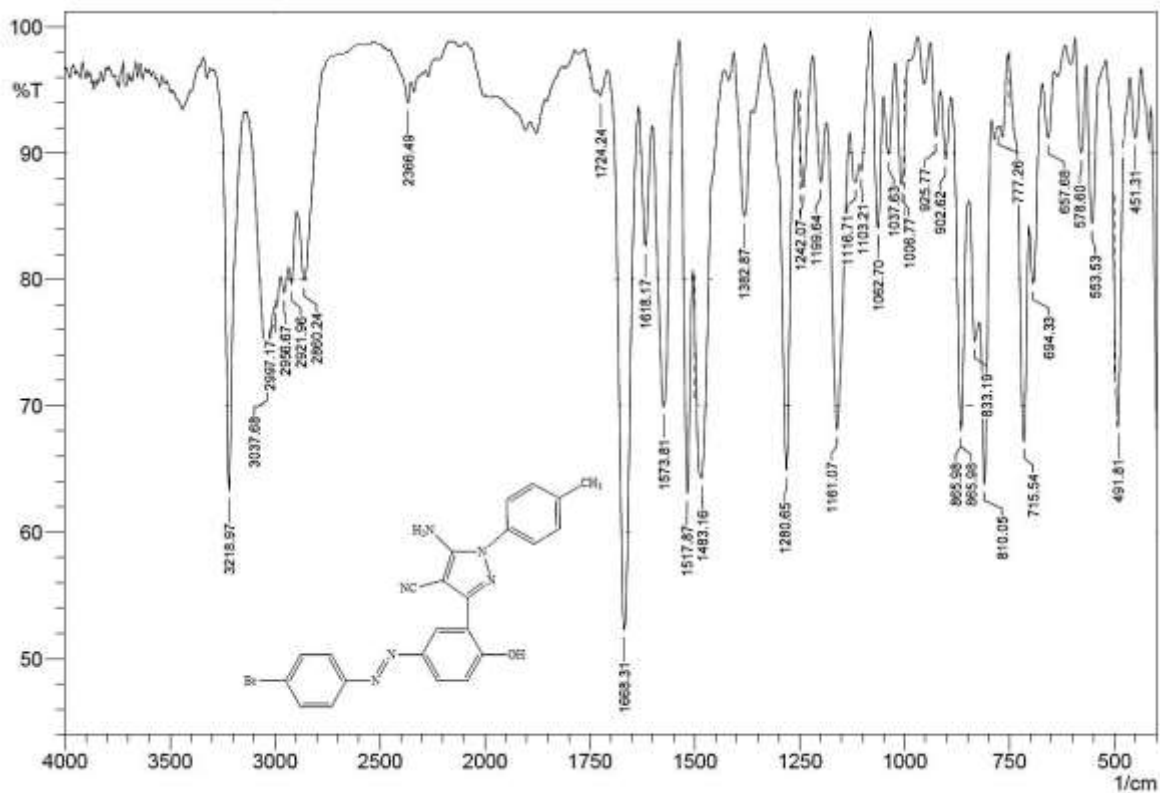
CHANNEL F1
NUC1: 13C
P1: 10.00 usec
PL1: 30.00000000 W

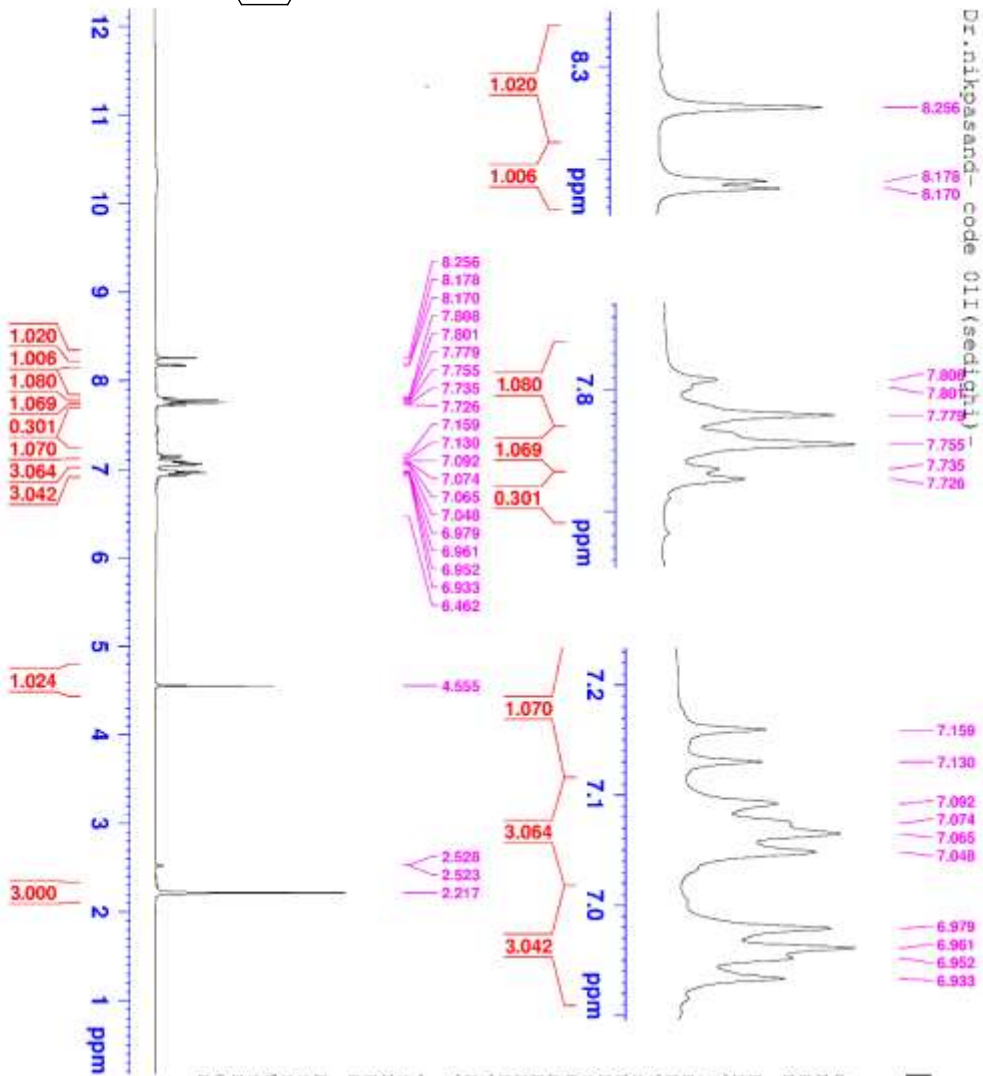
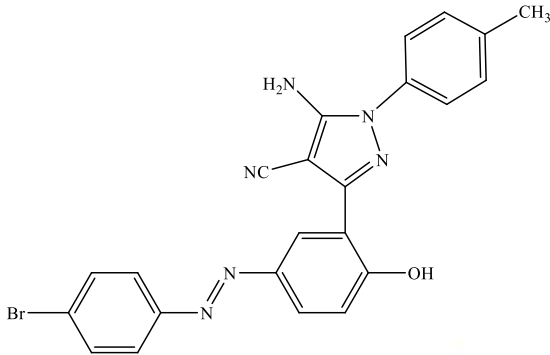
CHANNEL F2
NUC2: 1H
P2: 12.00 usec
PL2: 0.00000000 W

PROBHD: zgpg30
PULPROG: zgpg30
ID: 63536
SOLVENT: DMSO
NS: 512
DS: 4

SWH: 18115.941 Hz
FIDRES: 0.276427 Hz
AQ: 1.8087935 sec
RG: 202
DM: 27.500 usec
DE: 6.50 usec
TE: 296.9 K
D1: 2.00000000 sec
D11: 0.03000000 sec
TD0: 1

Processing parameters
SI: 32768
SF: 75.6367350 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40





Current Data Parameters
NAME May22-2018-nmr
EXPNO 33
PROCNO 1

F2 - Acquisition Parameters
Date_ 20180523
Time 12.59
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
FIDRES 0.091699 Hz
AQ 5.4525952 sec
RG 72.14
BC 83.200 usec
DE 6.50 usec
TE 297.3 K
D1 1.00000000 sec
TD0 1

CHANNEL F1
SFO1 300.6118576 MHz
NUC1 1H
P1 15.00 usec
PL1 0.0000010 W
FIDM1

F2 - Processing parameters
SI 65536
SF 300.8100000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



C13-Dr.Nikpasand- code 011 (sedighi) -



Current Data Parameters
NAME May25-2016-001
EXPNO 13
PROCNO 1

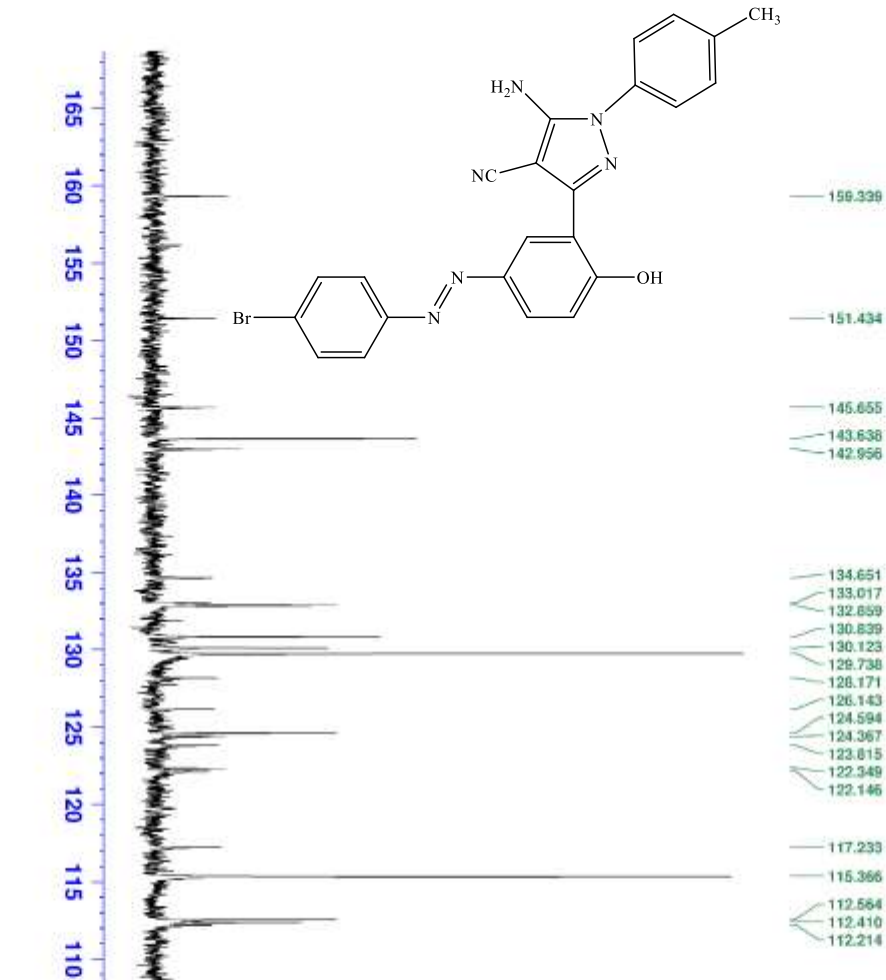
F2 - Acquisition Parameters

Date_ 20160526
Time 11:19
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 400
DS 4
SWH 1815.941 Hz
FIDRES 0.276427 Hz
AQ 1.8087935 sec
RG 202
DW 27.500 usec
DE 5.50 usec
TR 398.08
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL F1 =====
SFO1 75.662982 MHz
NUC1 13C
P1 10.00 usec
PL1 0.00000000 W

===== CHANNEL F2 =====
SFO2 300.813032 MHz
NUC2 1H
P2 10.00 usec
PL2 0.00000000 W

F2 - Processing parameters
SI 32768
SF 75.6387350 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



C13-Dr.Nikpasand- code 011(sedighi) -



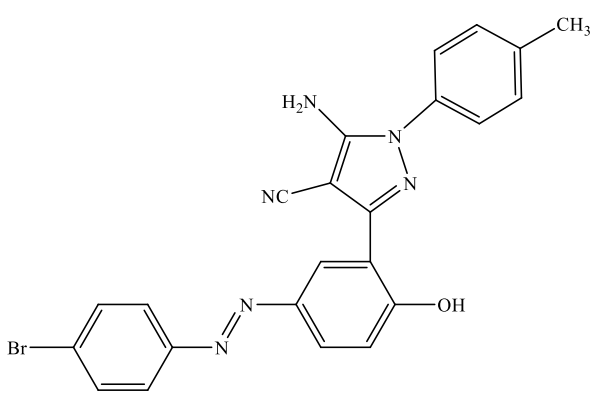
Current Data Parameters
NAME May05-2018-007
EXPNO 19
PROCNO 1

F2 - Acquisition Parameters
Date_ 20180526
Time 11.19
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 400
DS 4
SWH 18115.941 Hz
FIDRES 0.276427 Hz
AQ 1.8087935 sec
RG 202
DE 27.600 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

CHANNEL F1
SF01 75.6462982 MHz
NUC1 13C
P1 10.00 usec
PL1L 30.00000000 W

CHANNEL F2
SF02 300.6112032 MHz
NUC2 1H
CPRPG12 waltz16
PCPD2 90.00 usec
PL12 6.40000010 W
PL112 0.11708000 W
PL113 0.14399999 W

F2 - Processing parameters
SI 32768
SF 75.6387350 MHz
MDM EX
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



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

159.339
151.434
145.655
143.638
142.956
134.651
133.017
132.650
130.839
130.123
129.738
128.171
126.143
124.594
124.367
123.815
122.349
122.146
117.233
115.366
112.564
112.410
112.214

40.712
40.435
40.157
39.879
39.602
39.324
39.045
20.675