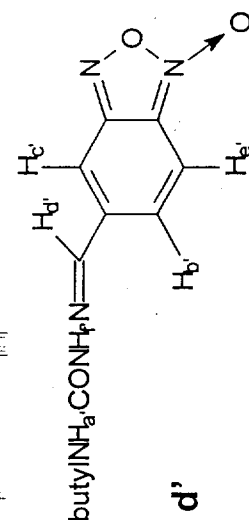
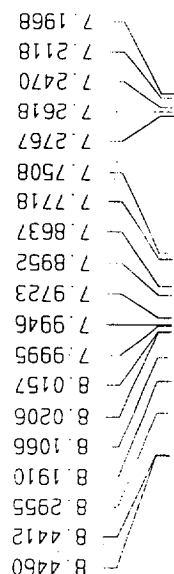
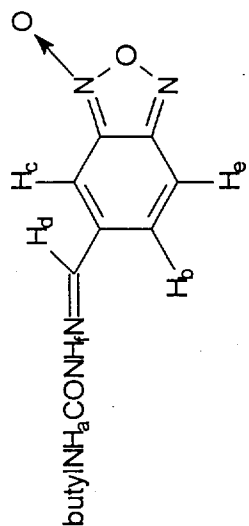


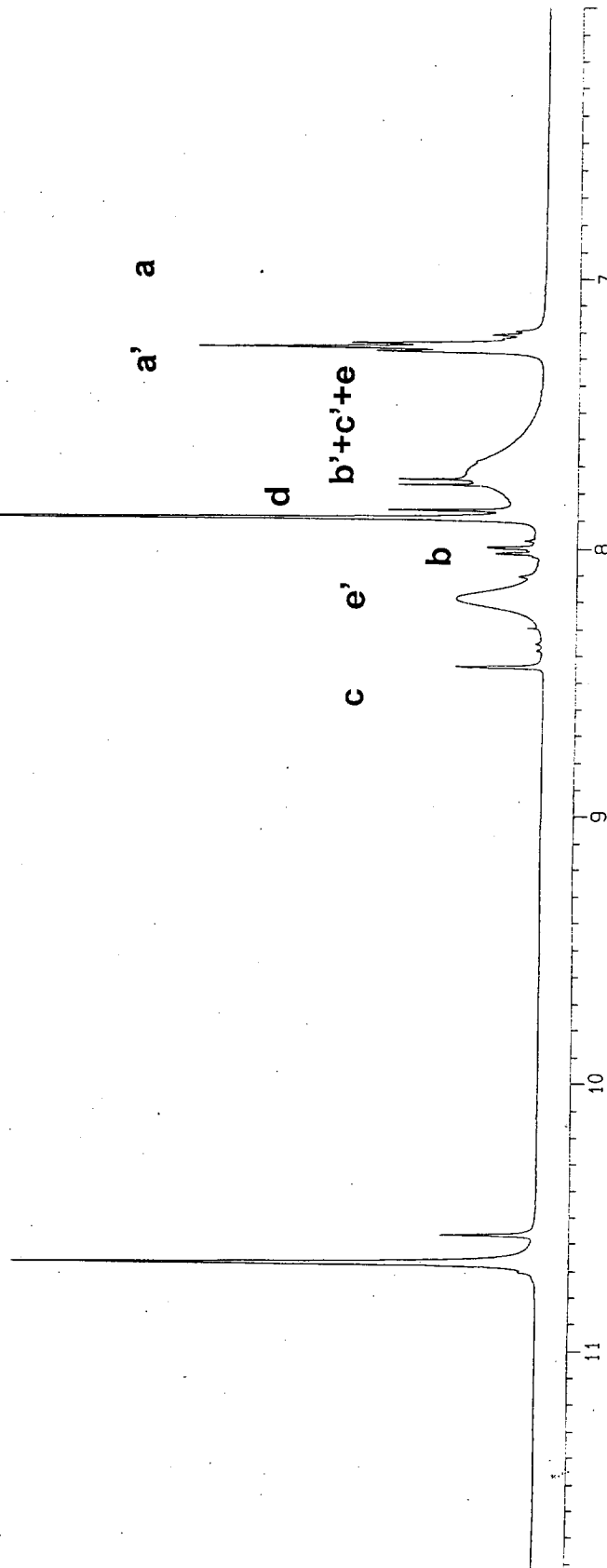
rdm. NOR3. DMSO. ampliado 1 30 C

10.6733
10.5689



f' f

1



Current Data Parameters
NAME rdm1.230698
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 980623
Time 14 43

INSTRUM spect
PROBHD 5 mm QX1 1H/3
PULPROG zg30
TD 16384
SOLVENT C6D6
NS 8
DS 2

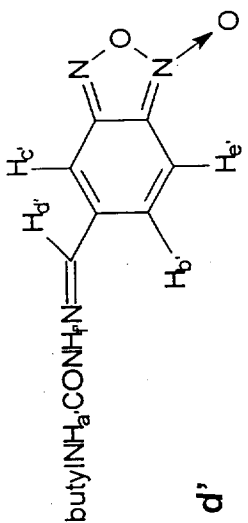
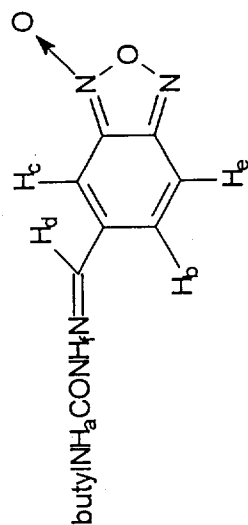
SWH 5995.204 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 64
DW 83.400 usec
DE 6.70 usec
TE 300.0 K

D1 1.00000000 sec
P1 9.50 usec
SFO1 400.1328151 MHz
NUC1 1H
PL1 2.00 dB

F2 - Processing parameters
SI 32768
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

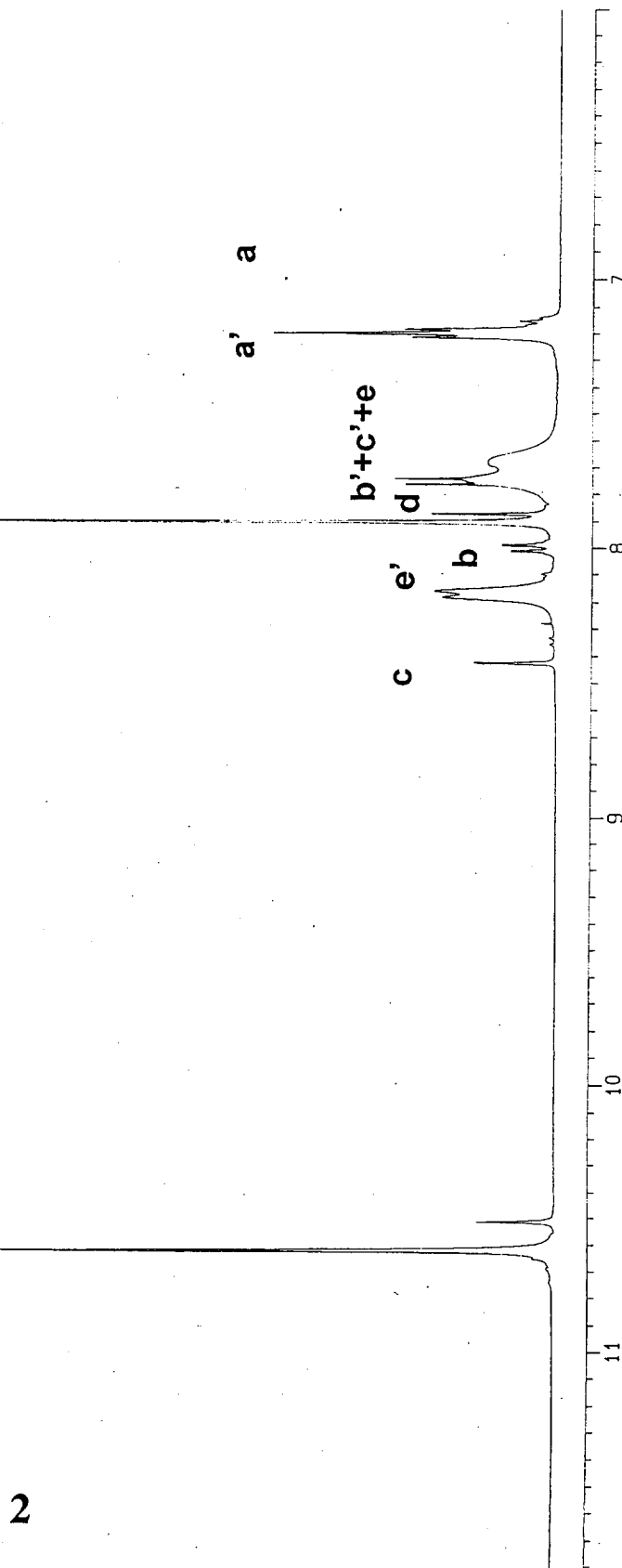
ID NMR plot parameters
CX 23.00 cm
F1P 12.000 ppm
F1 4801.56 Hz
F2P 6.000 ppm
F2 2400.78 Hz
PPMCH 0.26087 ppm/
HZCM 104.38174 Hz/c

rdm. NOR3. DMSO. 40 C. ampliado1

10.6208
10.51538.4288
8.4239
8.3361
8.2812
8.1817
8.1599
8.0991
8.0142
8.0092
7.9931
7.9881
7.9042
7.8739
7.7650
7.7440
7.6808
7.2171
7.2022
7.1874
7.1537

f'

f



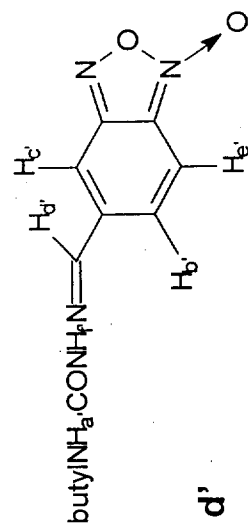
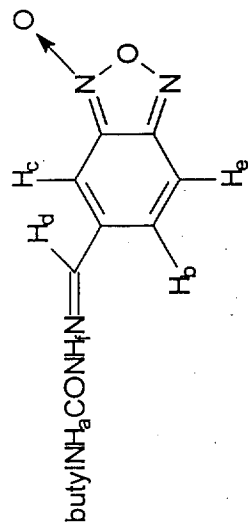
Current Data Parameters
NAME rdm1 230698
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 980623
Time 14 49
INSTRUM spect
PROBHD 5 mm QXJ 1H/3
PULPROG zg30
TD 16384
SOLVENT C6D6
NS 8
DS 2
SWH 5995.204 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 128
DW 83.400 usec
DE 6.70 usec
TE 300.0 K
D1 1.00000000 sec
P1 9.50 usec
SF01 400.1328151 MHz
NUC1 1H
PL1 2.00 dB

F2 - Processing parameters
SI 32768
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 23.00 cm
F1P 12.000 ppm
F1 4801.56 Hz
F2P 6.000 ppm
F2 2400.78 Hz
PPMCM 0.26087 ppm/c
HZCM 104.38174 Hz/cm

rdm NOR3. DMSO. 50 C ampliadd01

10.5679
10.46168.4115
8.4066
8.3117
8.2665
8.1619
8.1382
8.0903
8.0076
8.0026
7.9866
7.9814
7.9125
7.8834
7.7586
7.7377
7.6705
7.6500
7.1577
7.1431
7.1285
7.0962f'
f

10

III a

8

7

a

III a'

8

7

a

11

3

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9

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0

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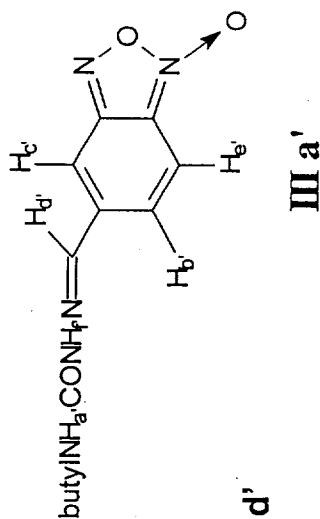
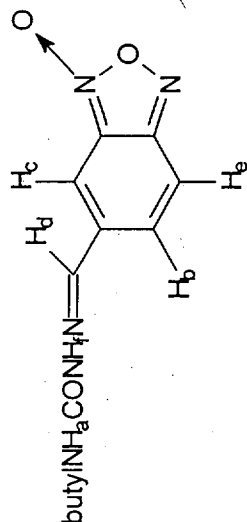
-348

-349

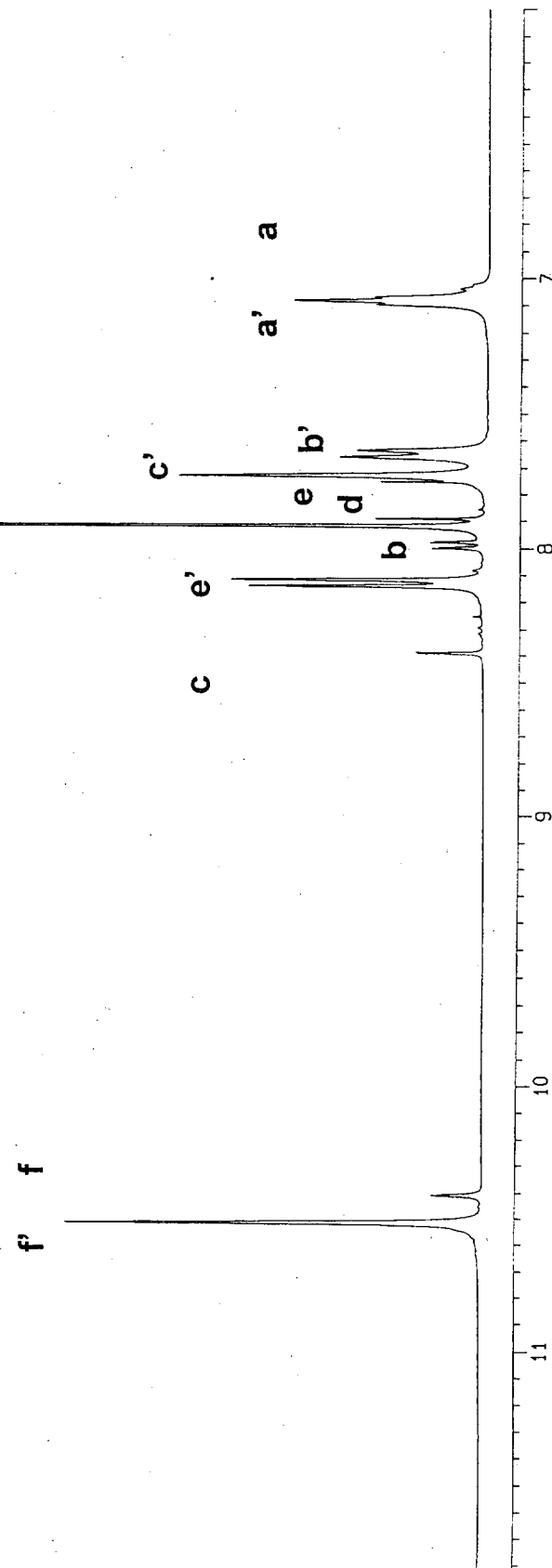
-350

-351

cdm. NOR 3. DM50. 60 C. ampliad01

10.5156
10.40868.3942
8.3894
8.2509
8.1425
8.1187
8.0824
8.0007
7.9959
7.9797
7.9747
7.9207
7.8930
7.8562
7.7526
7.7312
7.6628
7.6393
7.0990
7.0850
7.0712
7.0395

4



Current Data Parameters
NAME rdm1 230696
EXPNO 4
PROCNO 1

F2 - Acquisition Parameters
Date_ 980623
Time 15 07
INSTRUM spect
PROBHD 5 mm QNP 1H/3
PULPROG zg30
TD 16384
SOLVENT C606
NS 8
DS 2
SWH 5995.204 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 128
DW 83.400 usec
DE 6.70 usec
TE 300.0 K
D1 1.00000000 sec
P1 9.50 usec
SF01 400.1328151 MHz
NUC1 1H
PL1 2.00 dB

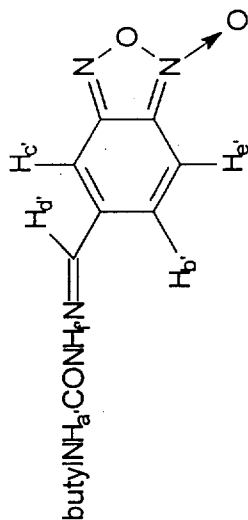
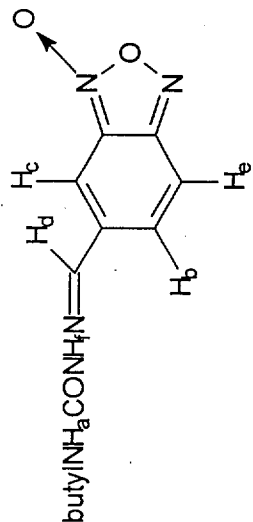
F2 - Processing parameters
SI 32768
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 23.00 cm
F1P 12.000 ppm
F1 4801.56 Hz
F2P 6.000 ppm
F2 2400.78 Hz
PPMCH 0.26087 ppm/c
HZCM 104.38174 Hz/cm

rdm. NOR 3. DMSO. 70 C. ampliad01

10.4580
10.3505

8.3759
8.3710
8.2679
8.2340
8.1197
8.0959
8.0075
7.9933
7.9882
7.9721
7.9671
7.9289
7.9026
7.7464
7.7175
7.6535
7.6298
7.0367
7.0229
7.0050
6.9789



d'

III a

III a'

5

f' f

c e'

c'

b'

a'

d e

b

F2 - Processing parameters
SI 32768
SF 400.130000 MHz
WDW EN
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 23.00 cm
F1P 12.000 ppm
F1 4801.56 Hz
F2P 6.000 ppm
F2 2400.78 Hz
PPMCM 0.26087 ppm/c
HZCM 104.38174 Hz/cm

Current Data Parameters
NAME rdm1230698
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters
Date_ 980623
Time 15 14

INSTRUM spect
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TO 16384
SOLVENT C6D6
NS 8
DS 2

SWH 5995.204 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 128
DM 83.400 usec
DE 6.70 usec
TE 300.0 K

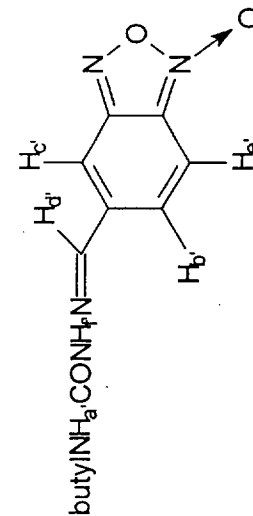
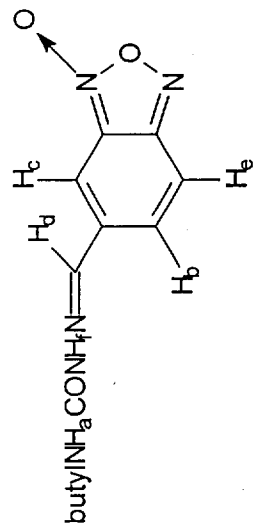
D1 1.00000000 sec
P1 9.50 usec
SF01 400.1328151 MHz
NUC1 1H
PL1 2.00 dB



rdm. NOR3. DMSO. 90 C. ampliador1

10.3515
10.2436

8.3427
8.3378
8.2014
8.1496
8.0815
8.0577
8.0231
8.0096
7.9791
7.9740
7.9579
7.9528
7.9436
7.9198
7.7628
7.7359
7.7149
7.6972
7.6385
7.6147
6.9122



III a

III a'

7

c

b'

c'

f'

f

a'+a

d

b

e

10 NMR plot parameters
CX 23.00 cm
FIP 12.000 ppm
F1 4801.56 Hz
F2P 6.000 ppm
F2 2400.78 Hz
PPMCM 0.26087 ppm/c
HZCM 104.38174 Hz/cm

F2 - Processing parameters
SI 32768
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

Current Data Parameters
NAME rdm1 230698
EXPNO 7
PROCNO 1
F2 - Acquisition Parameters
Date_ 980623
Time 15.28
INSTRUM spect
PROBHD 5 mm QX1 1H/3
PULPROG zg30
TD 16384
SOLVENT COC13
NS 8
DS 2
SWH 5995.204 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 128
DM 83.400 usec
DE 6.70 usec
TE 300.0 K
D1 1.00000000 sec
P1 9.50 usec
SF01 400.1328151 MHz
NUC1 1H
PL1 2.00 dB