

SUPPORTING INFORMATION:

for paper entitled "**Concise Synthesis of Horsfiline and Coerulescine by Tandem Cylization of Iodoaryl Alkenyl Azides**" to Journal of Organic Chemistry.

Corresponding author on this paper

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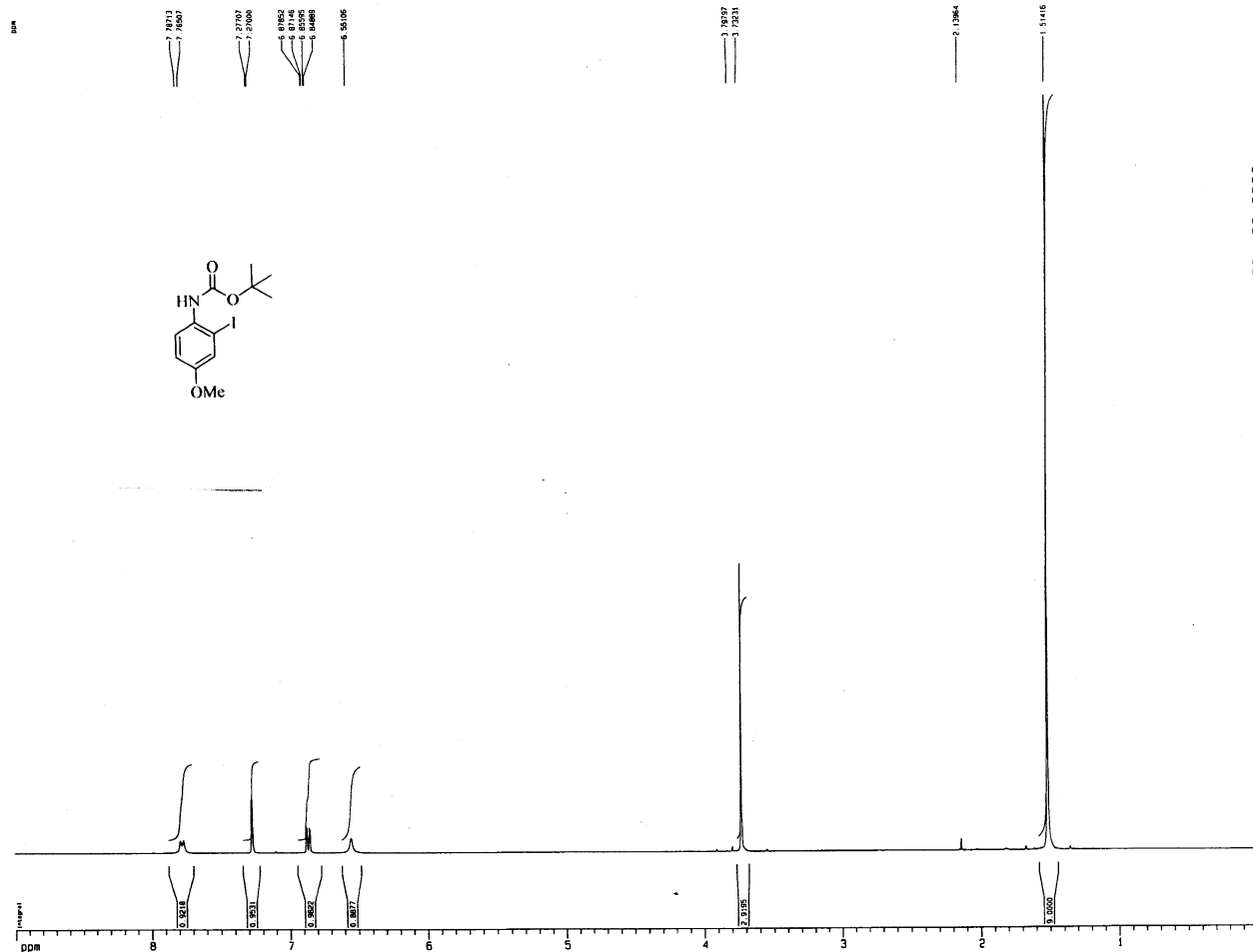
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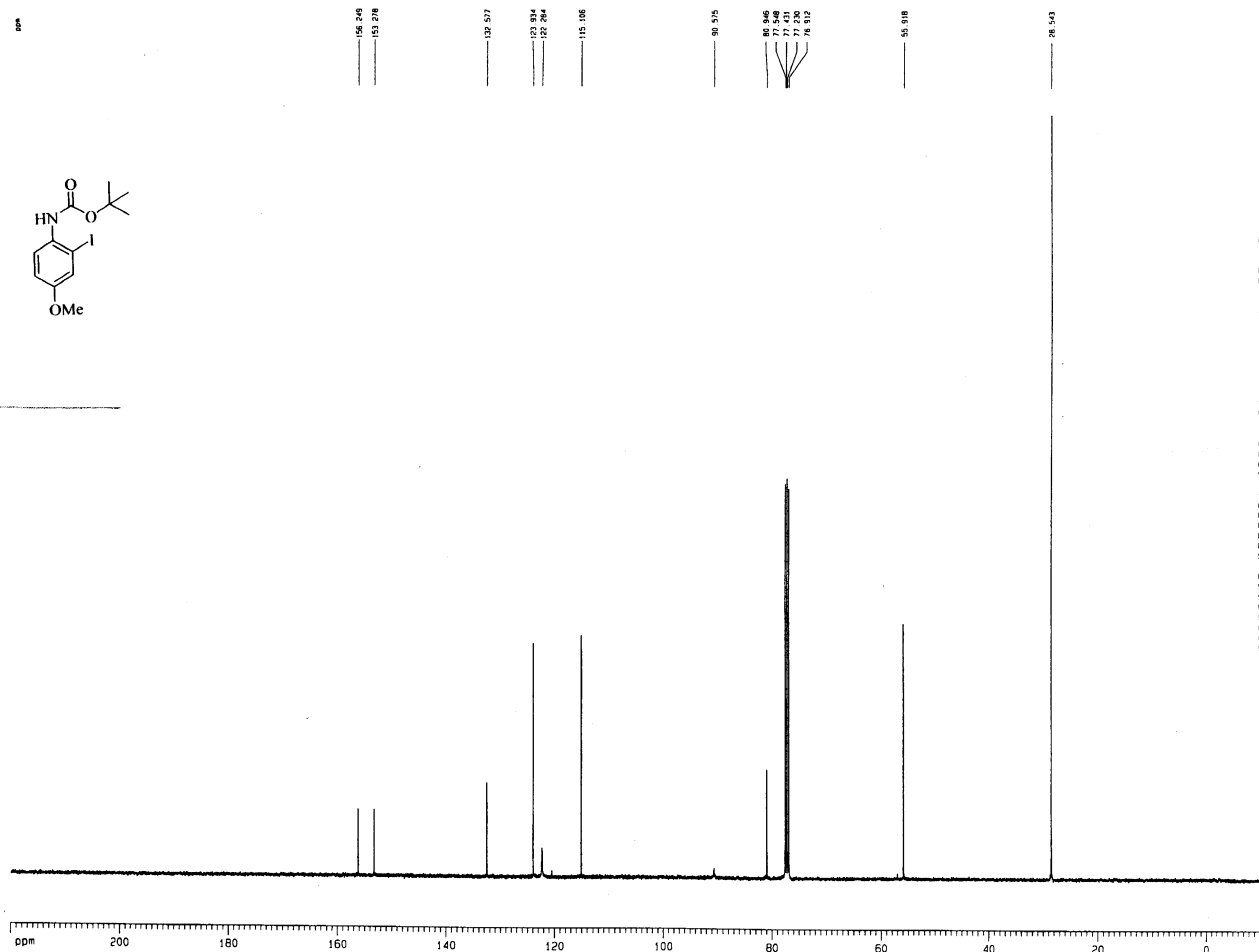
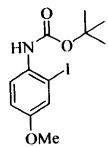
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 SFO: 400.132610 MHz
 FIDRES: 0.125483 Hz
 AQ: 3.9645287 sec
 RG: 45.3
 DW: 60.800 usec
 DE: 0.00 usec
 TE: 300.2 K
 D1: 0.10000000 sec

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 NUC1: 1H
 P1: 7.50 usec
 PL1: -3.00 dB
 SFO1: 400.132610 MHz

F2 - Processing parameters
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 MDW: EN
 SSB: 0
 LB: 0.30 Hz
 GB: 0
 PC: 4.00

1D NMR plot parameters
 EX: 24.50 cm
 F1P: 9.000 ppm
 F2: 3601.17 Hz
 F3P: 0.000 ppm
 F2: 0.00 Hz
 SFO1CH: 0.36735 ppm/cm
 HZCM: 146.98653 Hz/cm

ppm



Current Data Parameters
NAME 029387
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
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Time 10:42
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PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
MS 2000
DS 2
SWH 24154.590 Hz
FIDRES 0.368570 Hz
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RG 2896.3
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D11 0.03000000 sec

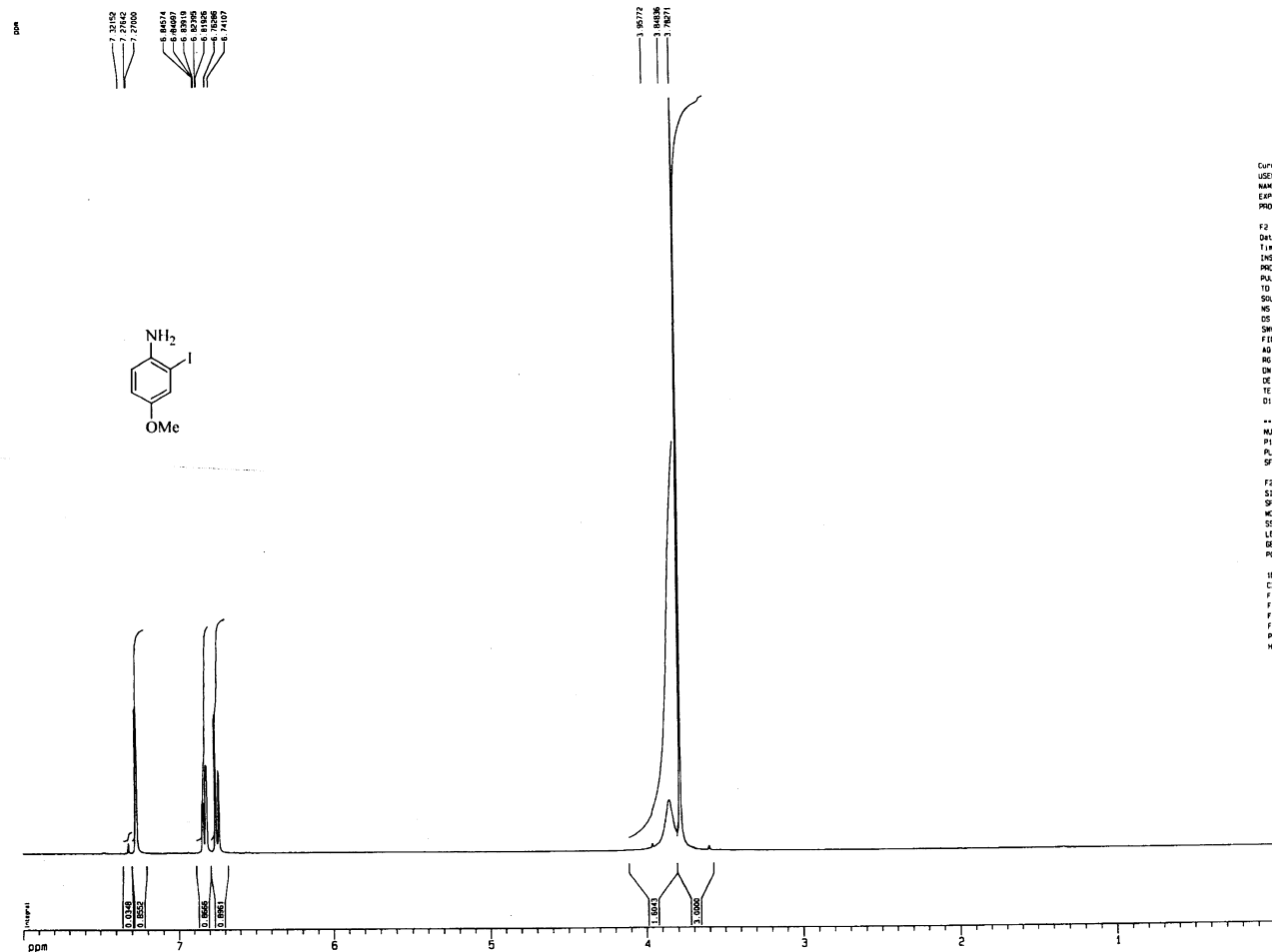
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NUC2 1H
PCPD2 90.00 usec
PL2 -3.00 dB
PL12 18.50 dB
SFO2 400.1318006 MHz

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GB 0
PC 1.00

1D NMR Plot Parameters
CX 24.50 cm
CY 15.25 cm
F1P 200.000 ppm
F1 22134.80 MHz
F2P -10.000 ppm
F2 -1008.13 Hz
PPHCH 6.38776 ppm/
HCH 844.52783 Hz/C

4.7



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Current Data Parameters
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EXPNO         1
PROCNO        1

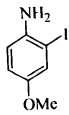
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RG            314
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TE            300.2 K
D1            0.10000000 sec

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PL1           -2.00 dB
SFO1          400.132010 MHz

F2 - Processing parameters
SI            32768
SF            400.1289960 MHz
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SSB           0
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GB            0
PC            4.00

ID NMR plot parameters
CX            24.50 cm
F1P           8.500 dB
F1            3201.04 Hz
F2P           0.000 dB
F2            0.00 Hz
PRNCH         0.32653 dB/cm
HZCN          130.65469 Hz/cm
  
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ppm



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EXPNO        2
PROCNO       1

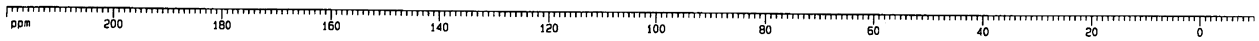
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SOLVENT      CDCl3
NS           107
DS           4
SWH          24154.590 Hz
FIDRES       0.368570 Hz
AQ           1.3566452 sec
RG           11585.2
DM           50.700 usec
DE           7.14 usec
TE           300.2 K
D1           4.00000000 sec
D13          0.00000300 sec
D39          0.00570000 sec
DELTA       0.00902980 sec

----- CHANNEL f1 -----
NUC1         13C
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P2           15.40 usec
PL1          -3.00 dB
PL2          -3.00 dB
SFO1         100.6237964 MHz

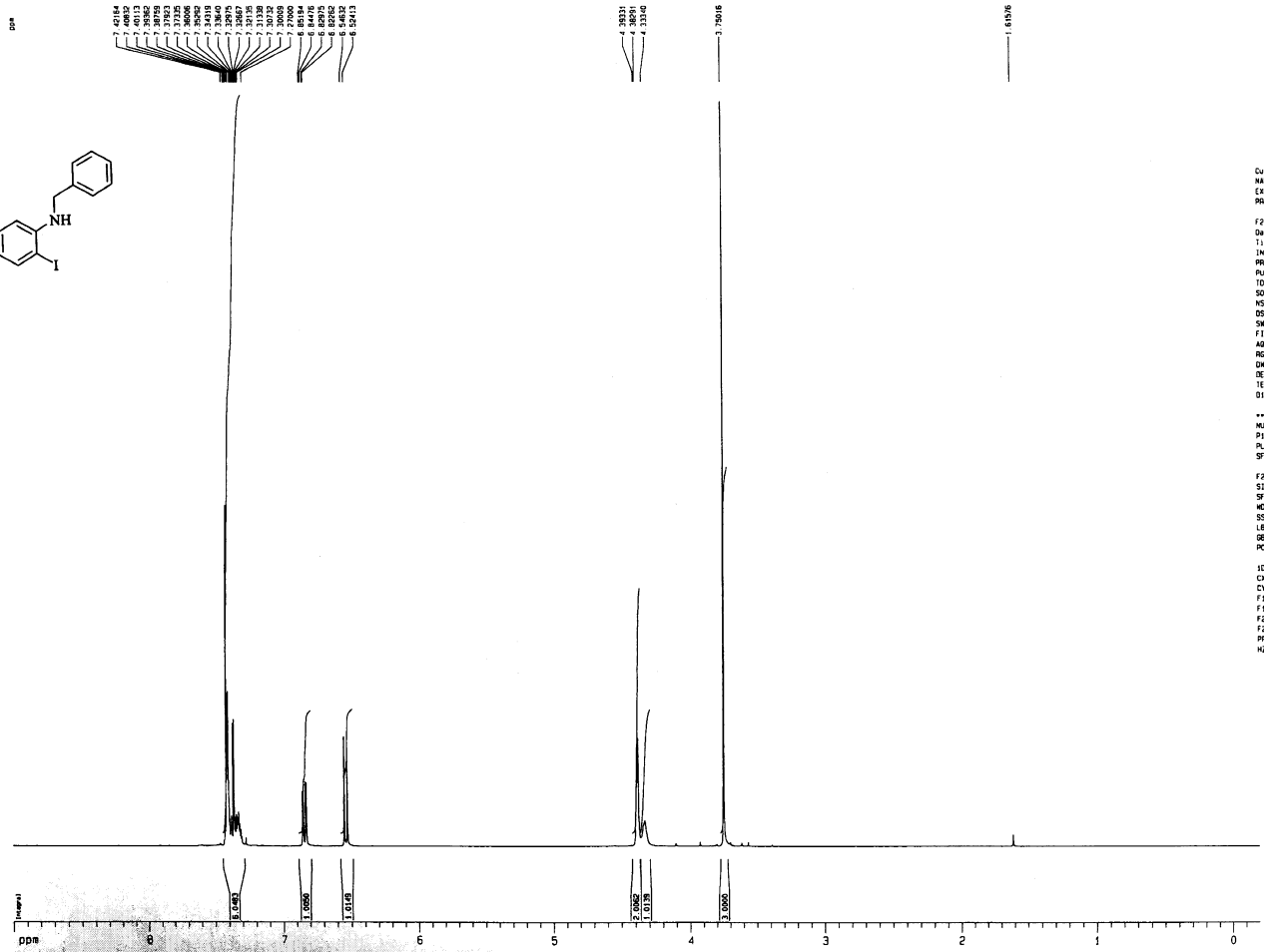
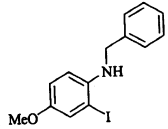
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NUC2         1H
PCPD2        90.00 usec
PL2          -3.00 dB
PL12         18.90 dB
SFO2         400.1318006 MHz

F2 - Processing parameters
SI           65536
SF           100.6127287 MHz
WDW          EM
SSB          0
LB           1.00 Hz
GB           0
PC           4.00

1D NMR plot parameters
CQ           24.50 cm
F1P          220.000 ppm
F1           22134.80 Hz
F2P          -10.000 ppm
F2           -1005.13 Hz
PPHCH        9.38776 ppm/cm
NCH          844.52771 Hz/cm
  
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Person Dimitris
DL239



Current Data Parameters
NAME 025131
CFNO 1
PROCNO 1

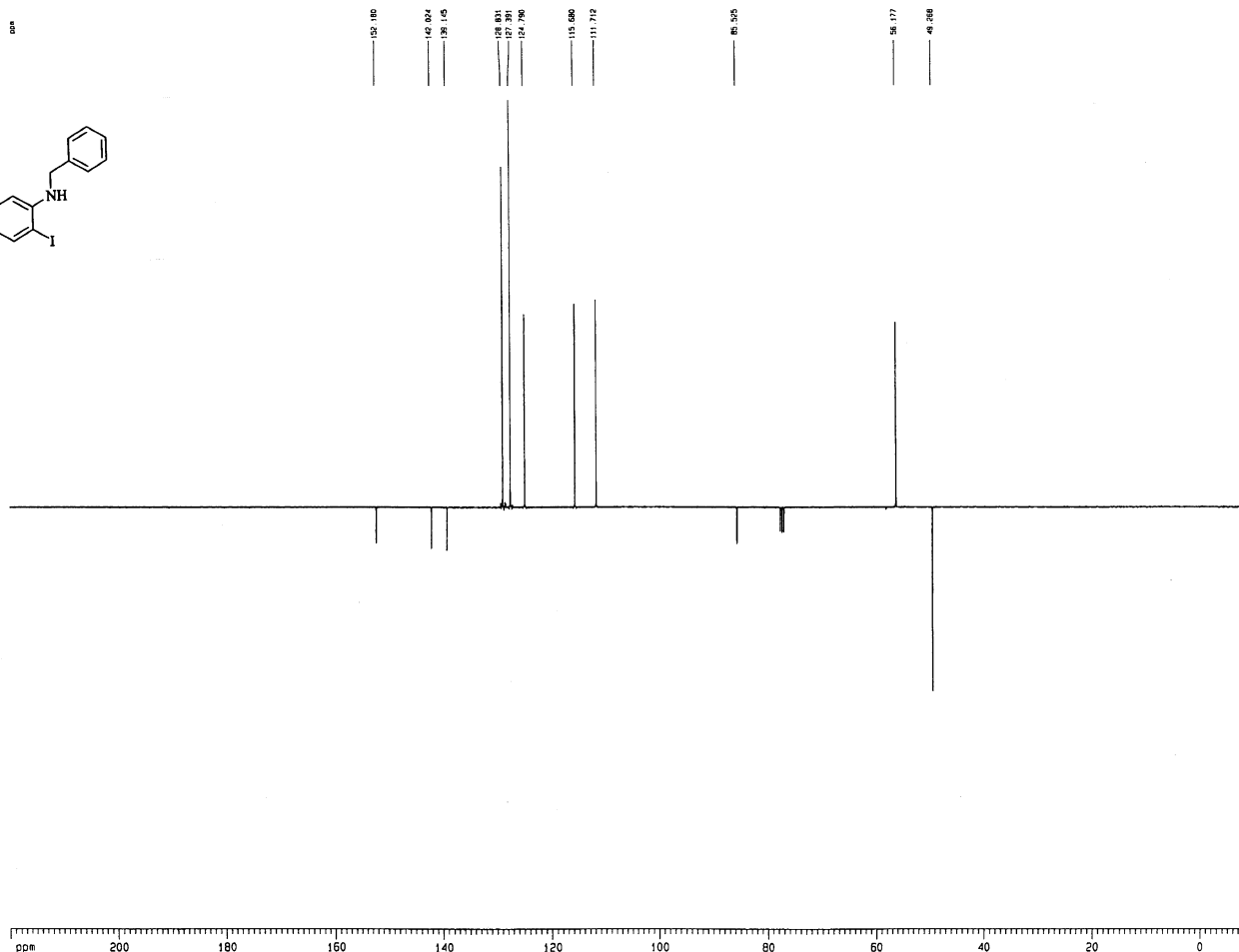
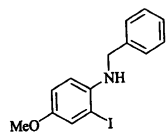
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TD 65536
SOLVENT CDCl3
NS 16
DS 2
SFO 802.918 MHz
FIDRES 0.126483 Hz
AQ 3.9846387 sec
RG 71.8
DM 60.800 usec
DE 6.00 usec
TE 300.2 K
D1 0.10000000 sec

***** CHANNEL f1 *****
NUC1 1H
P1 7.50 usec
PL1 -3.00 dB
SFO1 400.1332010 MHz

F2 - Processing parameters
SI 32768
SF 400.1300168 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00

1D NMR plot parameters
CX 24.50 cm
CY 14.75 cm
FIP 9.000 ppm
FI 3601.10 Hz
FQP -0.200 ppm
F2 -80.03 Hz
FPMCH 0.37551 ppm/
NICK 150.25090 Hz/c

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DL239



```
Current Data Parameters
NAME      Q20131
EXNO      2
PROCNO    1

F2 - Acquisition Parameters
Date_     20010905
Time      8:29
INSTRUM   gcp_400
PROBHD    5 mm QNP 1H
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         400
DS         4
SWH        24154.500 Hz
FIDRES     0.368970 Hz
AQ         1.9566492 sec
RG         11560.0
DN         20.700 usec
DE         7.14 usec
TE         300.2 K
D1         4.00000000 sec
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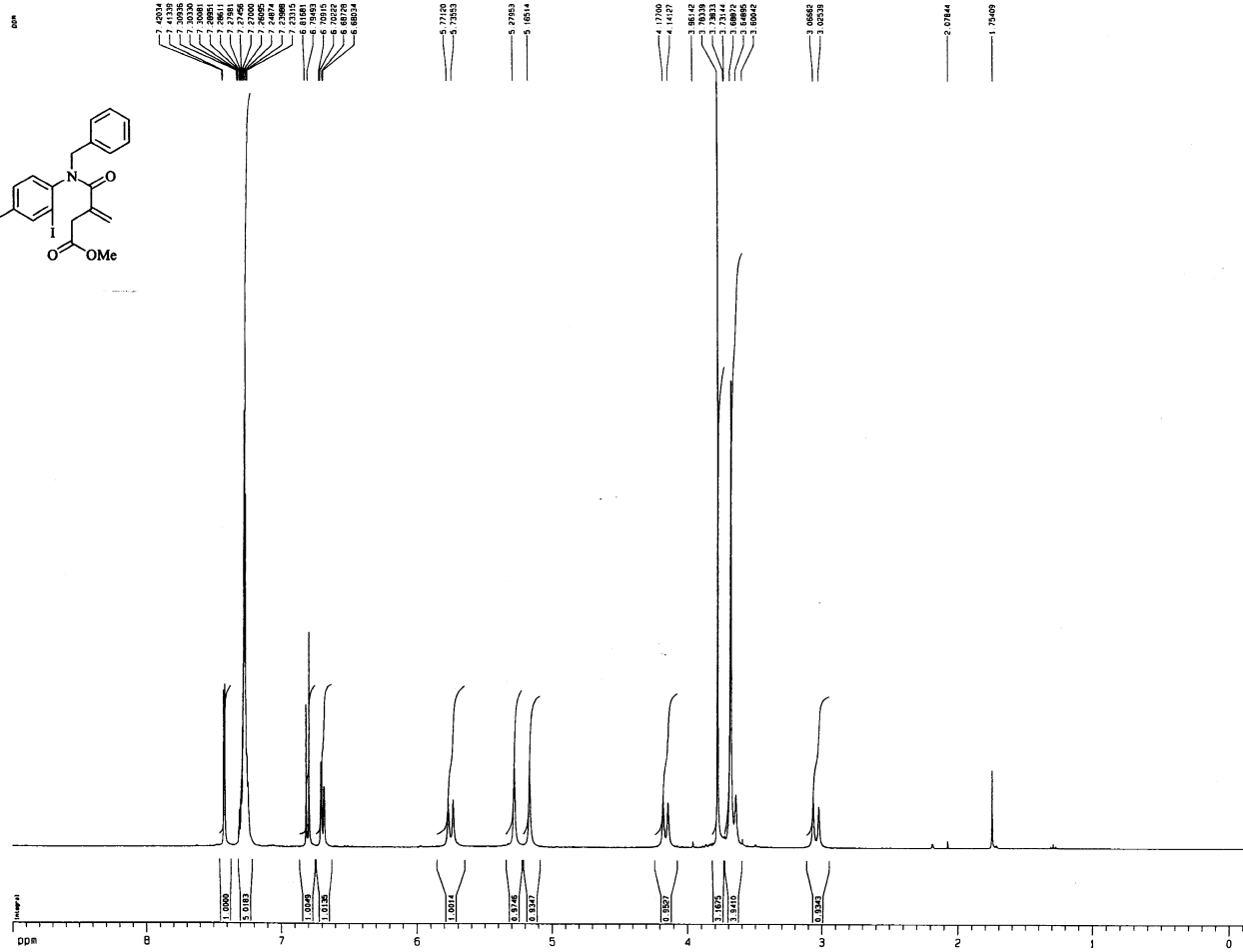
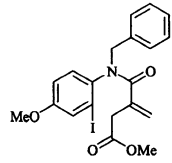
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P2         15.40 usec
PL1        -3.00 dB
PL2        -3.00 dB
SFO1       100.627864 MHz

***** CHANNEL f2 *****
CPDPRG2    waltz16
NUC2        1H
PCPDPRG2   90.00 usec
PL2         -3.00 dB
PL12        18.00 dB
SFO2       400.131800 MHz

F2 - Processing parameters
SI         65536
SF         100.6127614 MHz
NUC        13C
SFO        100.6127614 MHz
LB         1.00 Hz
GB         0
PC         4.00

1D NMR g1oc parameters
CX         24.50 cm
CY         0.00 cm
F1P        200.000 ppm
F1         20134.81 Hz
F2P        -10.000 ppm
F2         -1006.13 Hz
PPHCK      9.38776 ppm/Hz
H2CH       944.52790 Hz/Hz
```

Person Dimitris
DL241



```

Current Data Parameters
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EXPNO     1
PROCNO    1

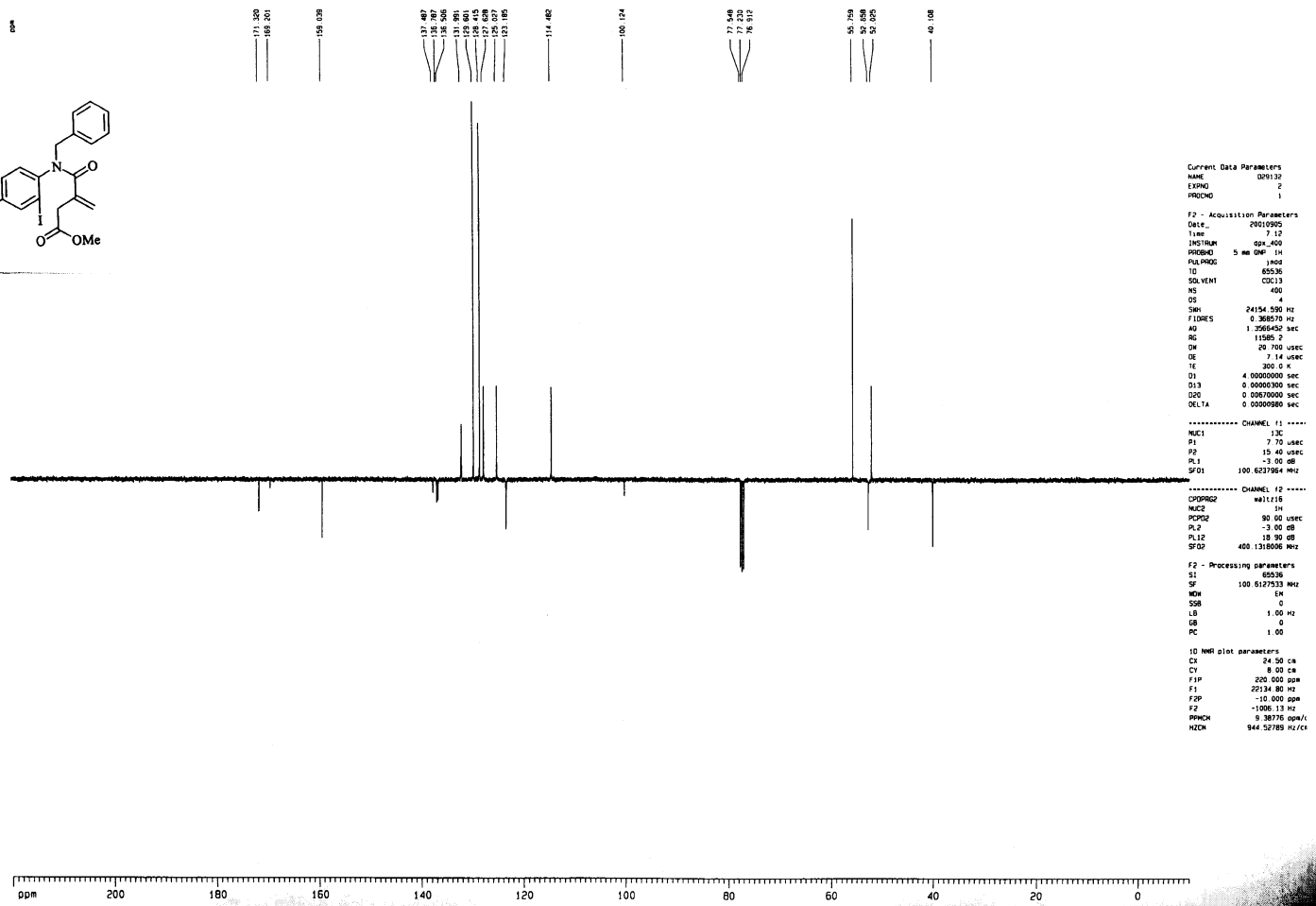
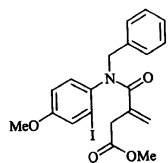
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PULPROG   zg30
TD         65536
SOLVENT   CDCl3
NS         16
DS         2
SWH        8273.686 Hz
FIDRES     0.129483 Hz
AQ         3.9846387 sec
RG         161
DW         60.800 usec
DE         0.00 usec
TE         300.2 K
D1         0.10000000 sec

***** CHANNEL f3 *****
NUC1       1H
P1         7.50 usec
PL1        -3.00 dB
SFO1       400.1332010 MHz

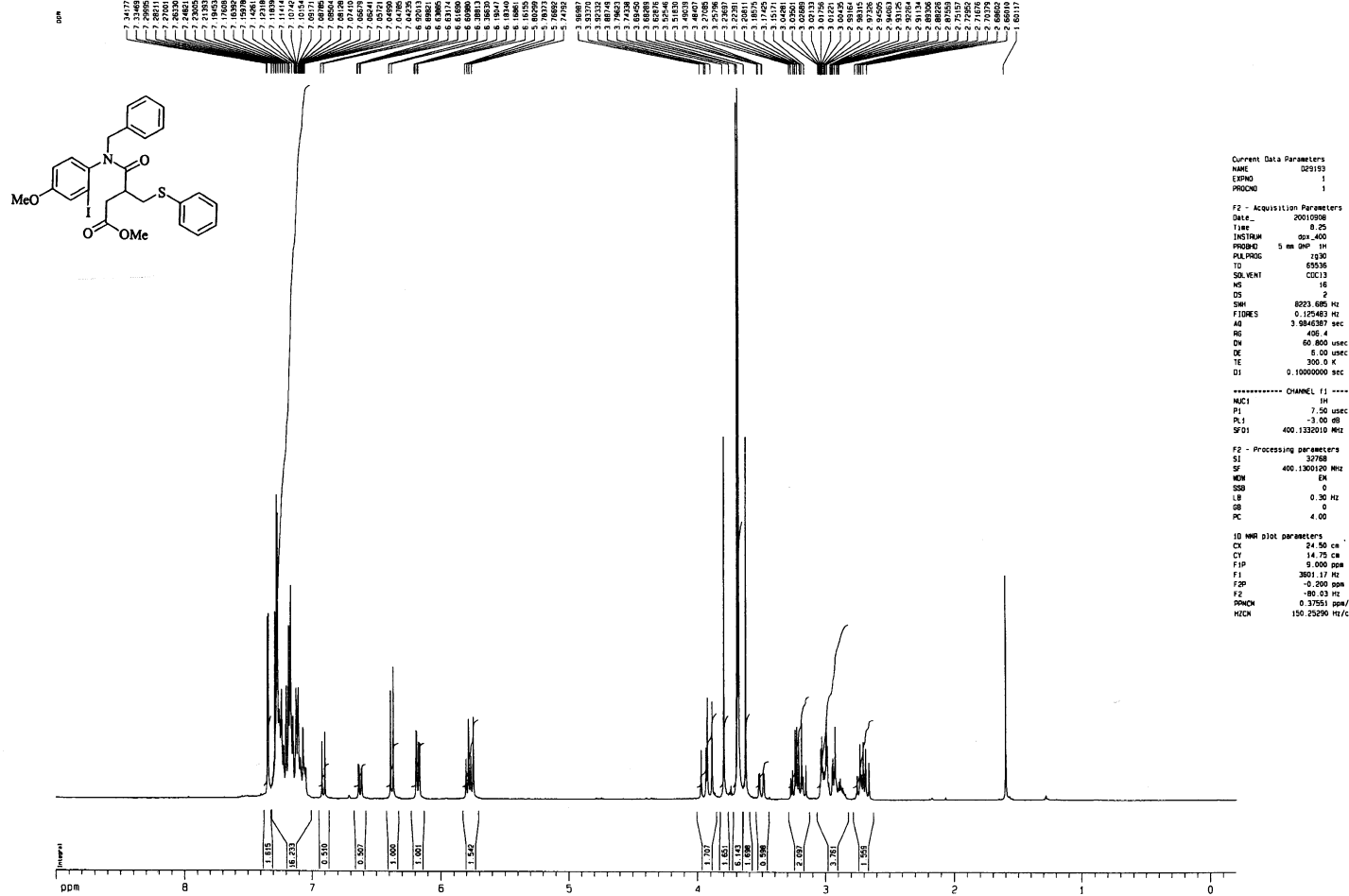
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SF         400.1330030 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         4.00

1D NMR plot parameters
EX         24.50 cm
CY         21.03 cm
F1P        0.000 ppm
F1         360.117 Hz
F2P        -0.200 ppm
F2         -80.03 Hz
GRNCH      0.17051 ppm/
HECH       150.25290 Hz/c
  
```

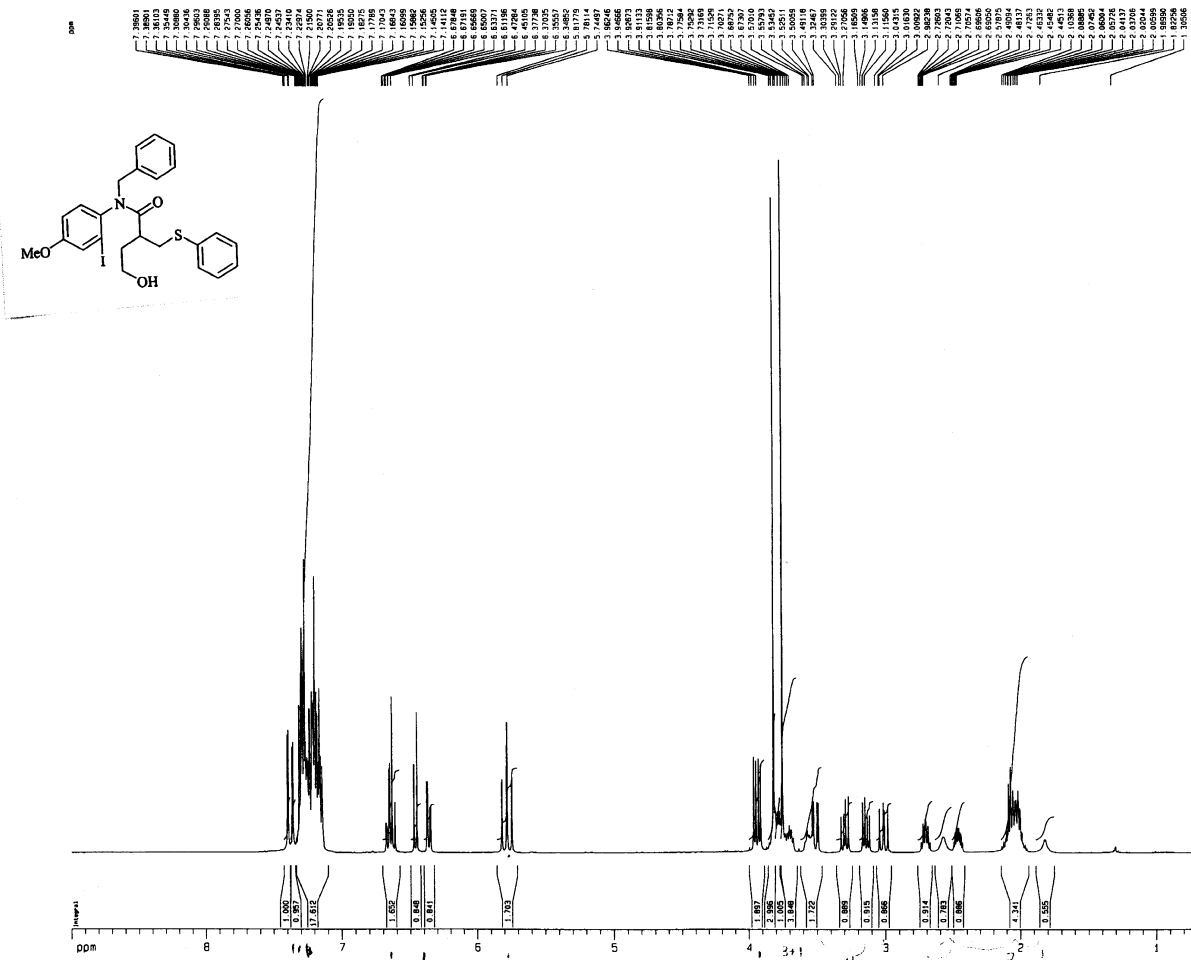

Person Dimitris
DL241



Person Dimitris
DL252



Person Dimitris
DL264



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Current Data Parameters
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EXPNO     1
PROCNO    1

F2 - Acquisition Parameters
Date_     20010909
Time      8.32
INSTRUM   gp4_400
PROBHD    5 mm QNP 1H
PULPROG   zg30
TD         65536
SOLVENT   CDCl3
NS         16
DS         2
SHW        8223.665 Hz
FIDRES    0.125483 Hz
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RG         143.7
DN         60.800 usec
DE         6.00 usec
TE         300.0 K
DQ         0.10000000 sec

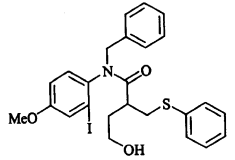
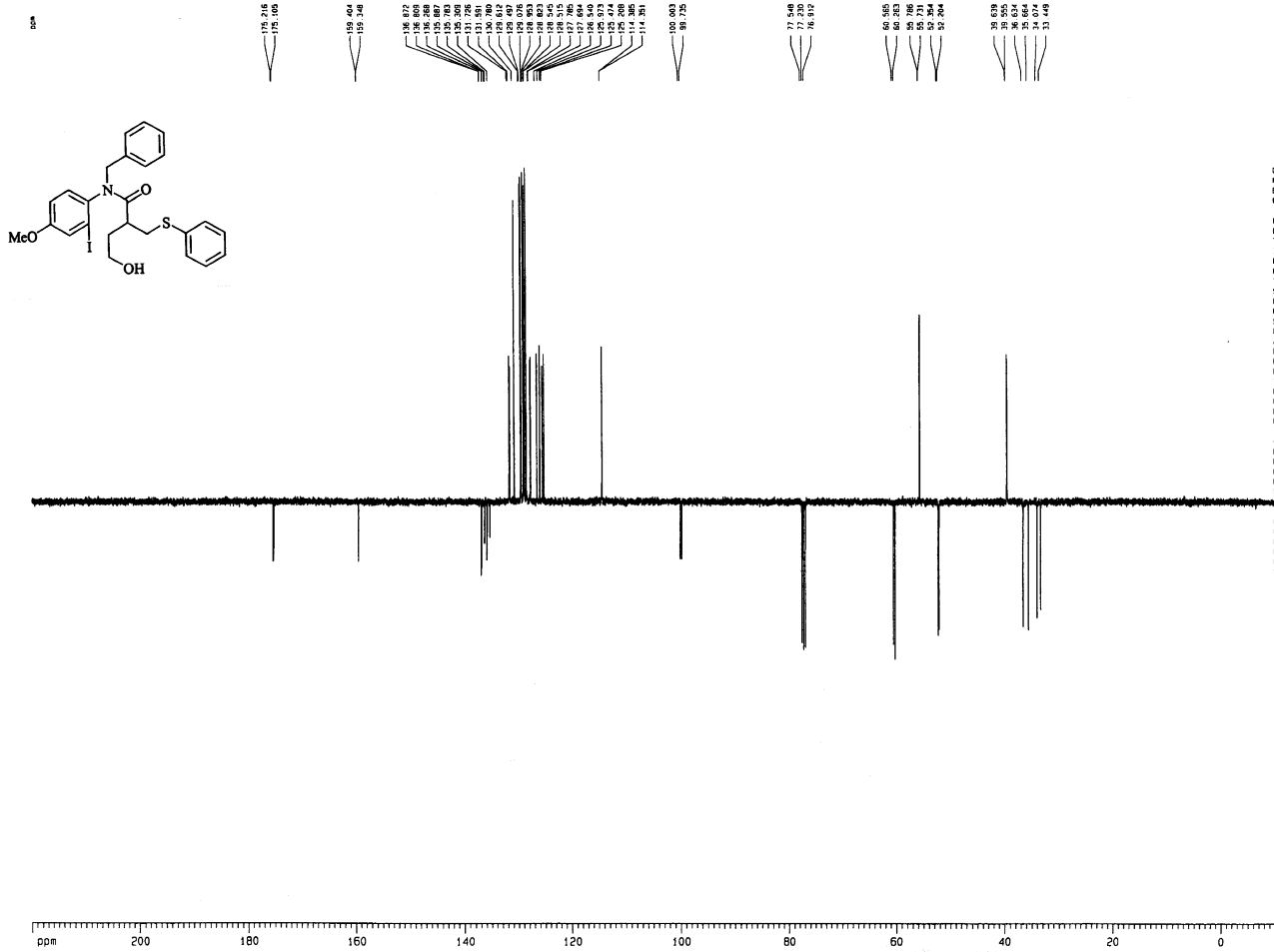
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NUC1       1H
P1         7.50 usec
PL1        -3.00 dB
SFO1      400.133010 MHz

F2 - Processing parameters
SI         32768
SF         400.130013 MHz
WDW        EM
SSB         0
LB         0.30 Hz
GB         0
PC         4.00

ID NMR plot parameters
CX         24.50 cm
CY         13.56 cm
FUP        0.000 ppm
F1         3601.17 Hz
F2P        -0.200 ppm
F2         -80.00 Hz
PPMCH      0.37251 ppm/c
HZCN       150.25290 Hz/c
  
```

Person Dimitris
DL264

MS



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Current Data Parameters
NAME      C02164
EXPNO     2
PROCNO    1

F2 - Acquisition Parameters
Date_     20010909
Time      8.48
INSTRUM   gm_400
PROBHD    5 mm QNP 1H
PULPROG   jmod
TD         65536
SOLVENT   CDCl3
NS         400
DS         4
SWH        24154.500 Hz
FIDRES     0.368970 Hz
AQ         1.3066402 sec
RG         11585.2
DM         20.760 usec
DE         7.14 usec
TE         300.0 K
D1         4.0000000 sec
d13        0.0000300 sec
D20        0.0067000 sec
DELTA      0.0000000 sec

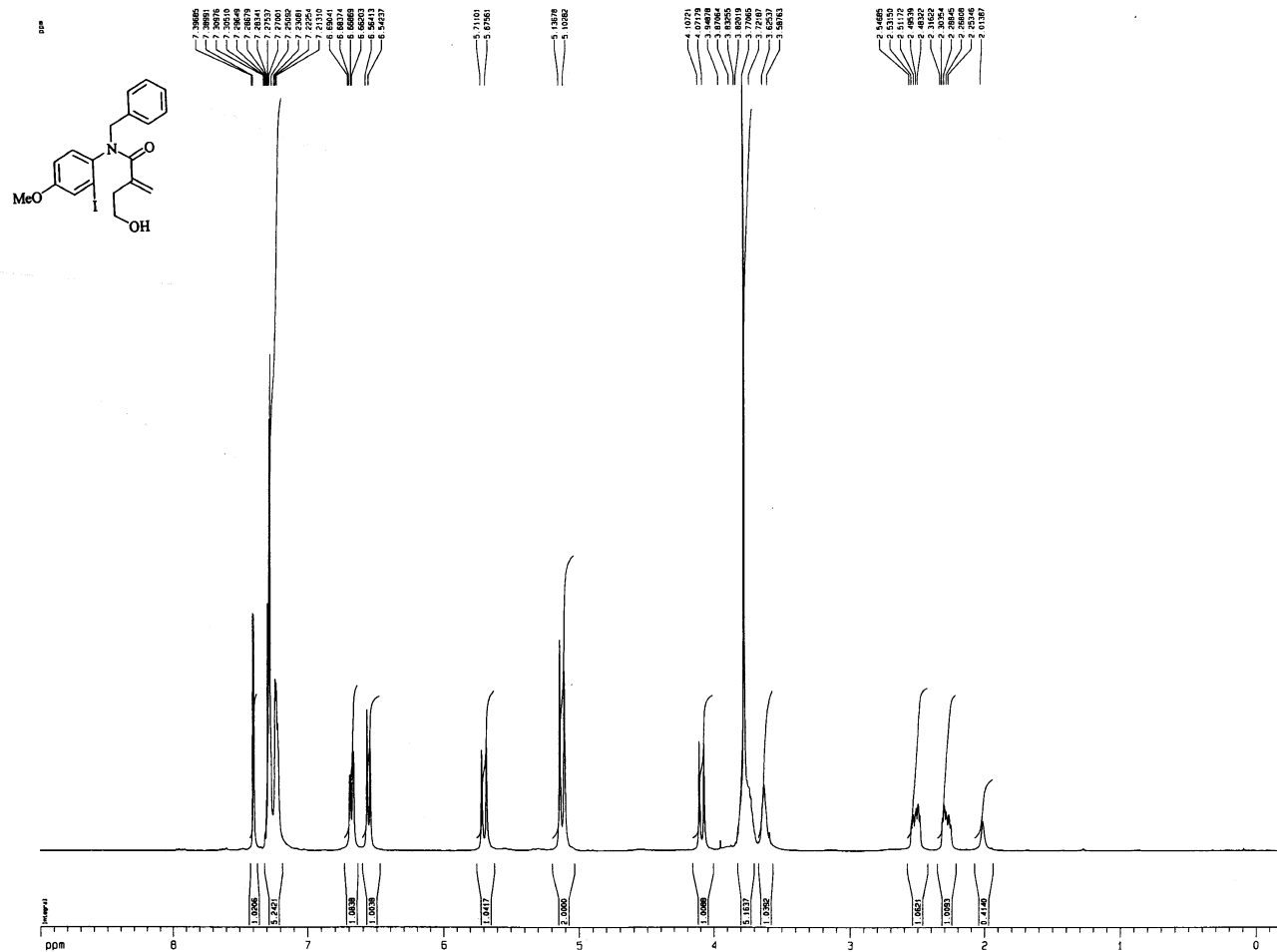
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PR         19.40 usec
PL1        -3.00 dB
SFO1       100.6279854 MHz

***** CHANNEL f2 *****
CPDPRG2    waltz16
NUC2       1H
PCPD2      90.00 usec
PL2        -3.00 dB
PL12       18.00 dB
SFO2       400.1318006 MHz

F2 - Processing parameters
SI         65536
SF         100.6279854 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         4.00

ID NMR list parameters
CX         24.00 cm
CY         6.67 cm
F1P        200.000 ppm
F1         22134.80 MHz
F2P        -10.000 ppm
F2         9.38776 MHz
PRNCH      944.02789 MHz/cm
HZCM       944.02789 MHz/cm
```

Person Dimitris
DL265



Current Data Parameters
NAME 020216
EXPNO 1
PROCNO 1

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TIME 3.44
INSTPRM 693_400
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 8223.682 Hz
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AQ 3.9846387 sec
RG 128
DM 50.800 usec
DE 8.00 usec
TE 300.0 K
D1 0.10000000 sec

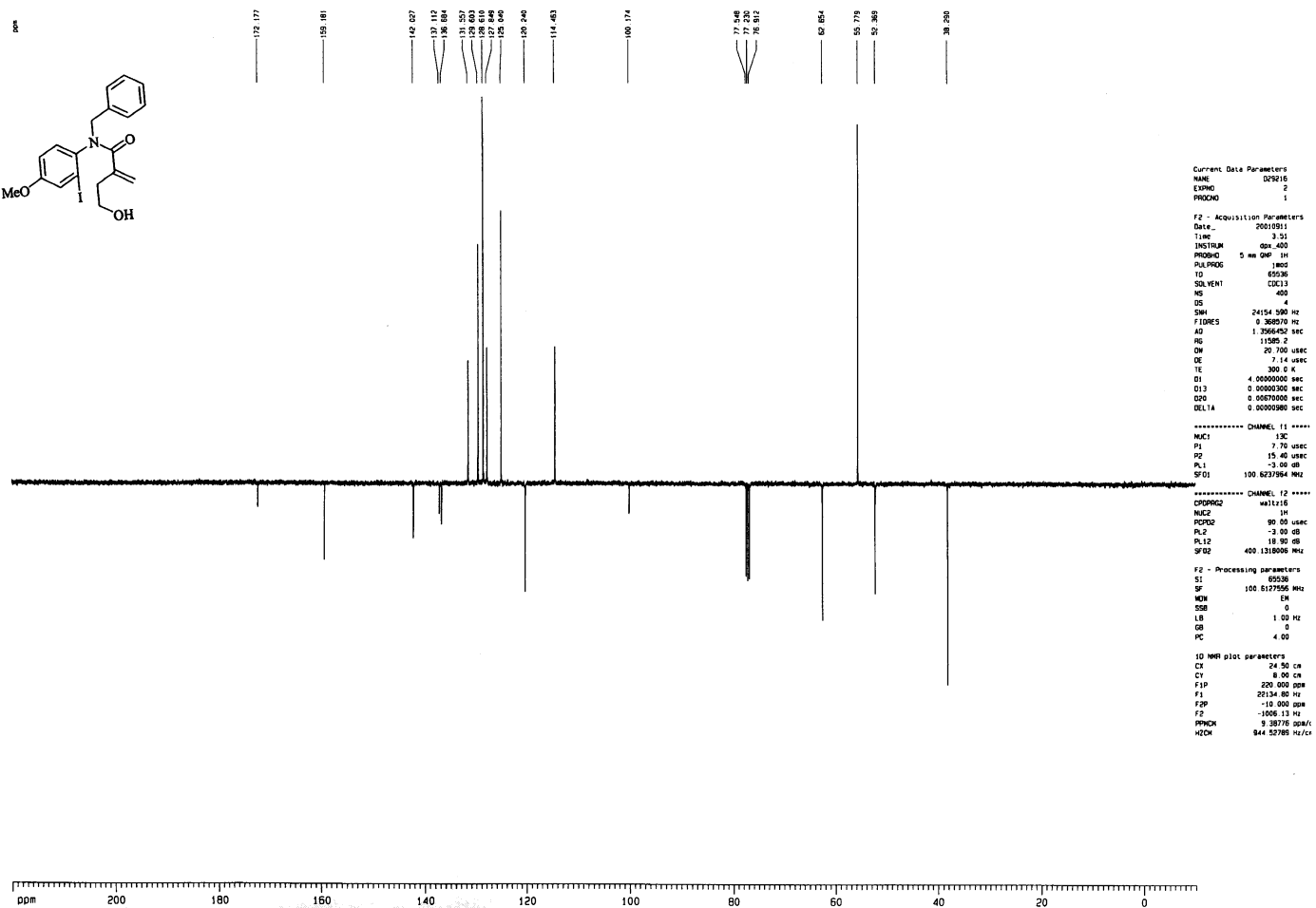
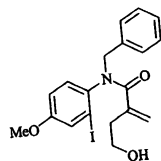
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SFO1 400.1332010 MHz

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SI 26788
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WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00

ID NMR plot parameters
CX 24.50 cm
CY 33.22 cm
FJP 9.000 ppm
F1 3601.17 Hz
F2 -0.200 ppm
F3 -80.03 Hz
PQCN 0.37531 ppm/c
HZCN 150.25290 Hz/c

Person Dimitris
OL265

ms



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Current Data Parameters
NAME      D26216
EXPNO     2
PROCNO    1

F2 - Acquisition Parameters
Date_     20010911
Time      3.31
INSTRUM   dm_400
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PULPROG   jmod
TD         65536
SOLVENT   CDCl3
NS         400
DS         4
SWH        24154.980 Hz
FIDRES     0.368970 Hz
AQ         1.3568452 sec
RG         11505.2
DQ         20.700 usec
DE         7.14 usec
TE         300.2 K
D1         4.0000000 sec
D11        0.0000000 sec
D20        0.0007000 sec
DELTA     0.0000000 sec

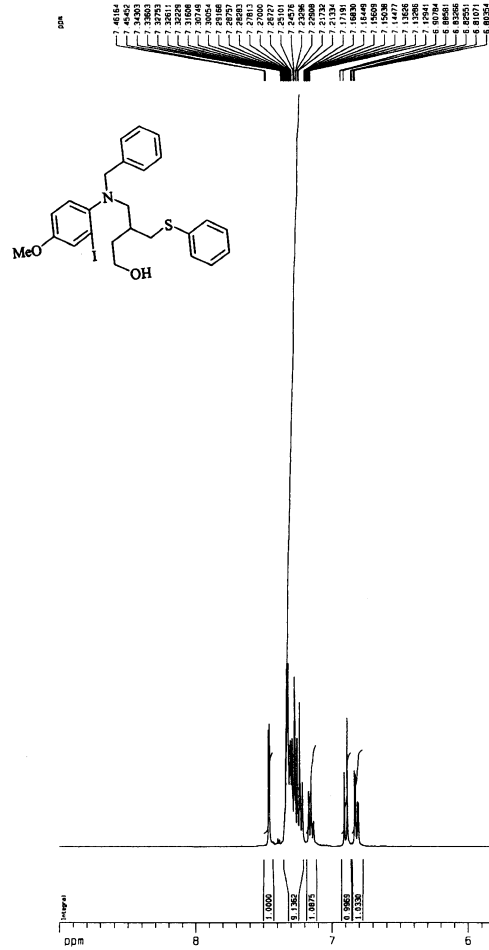
***** CHANNEL f1 *****
NUC1       13C
P1         7.70 usec
P2         15.40 usec
PL1        -3.00 dB
PL2        -3.00 dB
SFO1      100.6237854 MHz

***** CHANNEL f2 *****
CPDPRG2   waltz16
NUC2       1H
PCPD2     90.00 usec
PL2        -3.00 dB
PL12       18.00 dB
SFO2      400.1318000 MHz

F2 - Processing parameters
SI         65536
SF         100.6127556 MHz
MX        1H
SSB        0
LB         1.00 Hz
GB         0
PC         4.00

ID NMR plot parameters
CX         24.50 cm
CY         8.00 cm
FIP        220.000 ppm
F1         22134.80 Hz
F2P        -19.000 ppm
F2         -1006.13 Hz
PPHCK      9.38776 ppm/c
H2O        84.5768 Hz/c
  
```

Person Dimitris
amine



Current Data Parameters
NAME 125323
EXPNO 1
PROCNO 1

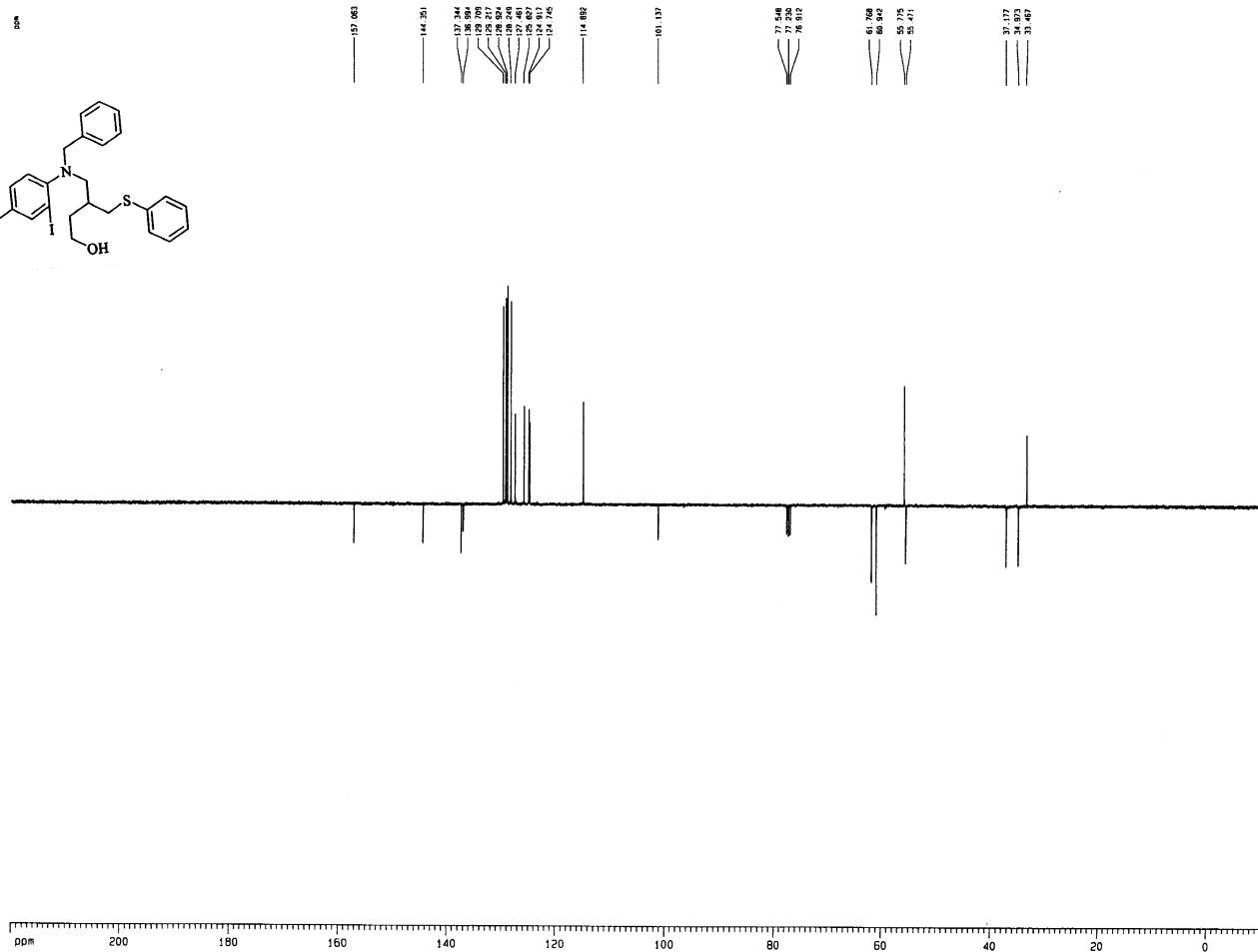
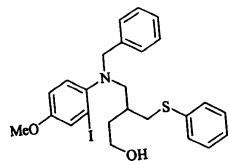
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TD 65536
SOLVENT ccl3
NS 16
DS 2
SWH 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.9845387 sec
RG 57
DN 60.800 usec
DE 6.00 usec
TE 300.0 K
D1 0.10000000 sec

***** CHANNEL f1 ****
NUC1 1H
P1 7.50 usec
PL1 -3.00 dB
SFO1 400.132010 MHz

F2 - Processing parameters
SI 32768
SF 400.1306125 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00

1D NMR plot parameters
CX 24.20 cm
CY 14.75 cm
F1p 9.000 ppm
F1 3601.17 Hz
F0p -0.200 ppm
F0 -80.00 Hz
PPHCH 0.37551 ppm/
H2CH 150.75290 Hz/c

Person Dimitris
amine



```

Current Data Parameters
NAME      0201373
EXPNO     2
PROCNO    1

F2 - Acquisition Parameters
Date_     20010917
Time      12:43
INSTRUM   opx_400
PROBHD    5 mm QNP 1H
PULPROG   zgpg30
ID        65536
SOLVENT   CDCl3
NS        103
DS         4
SWH        24154.500 Hz
FIDRES    0.36670 Hz
AQ         1.3566492 sec
RG         11589.2
DM         20.700 usec
DE         7.14 usec
TE         300.2 K
D1         4.0000000 sec
D12        0.0000000 sec
DRO        0.0000000 sec
DELTA     0.0000980 sec

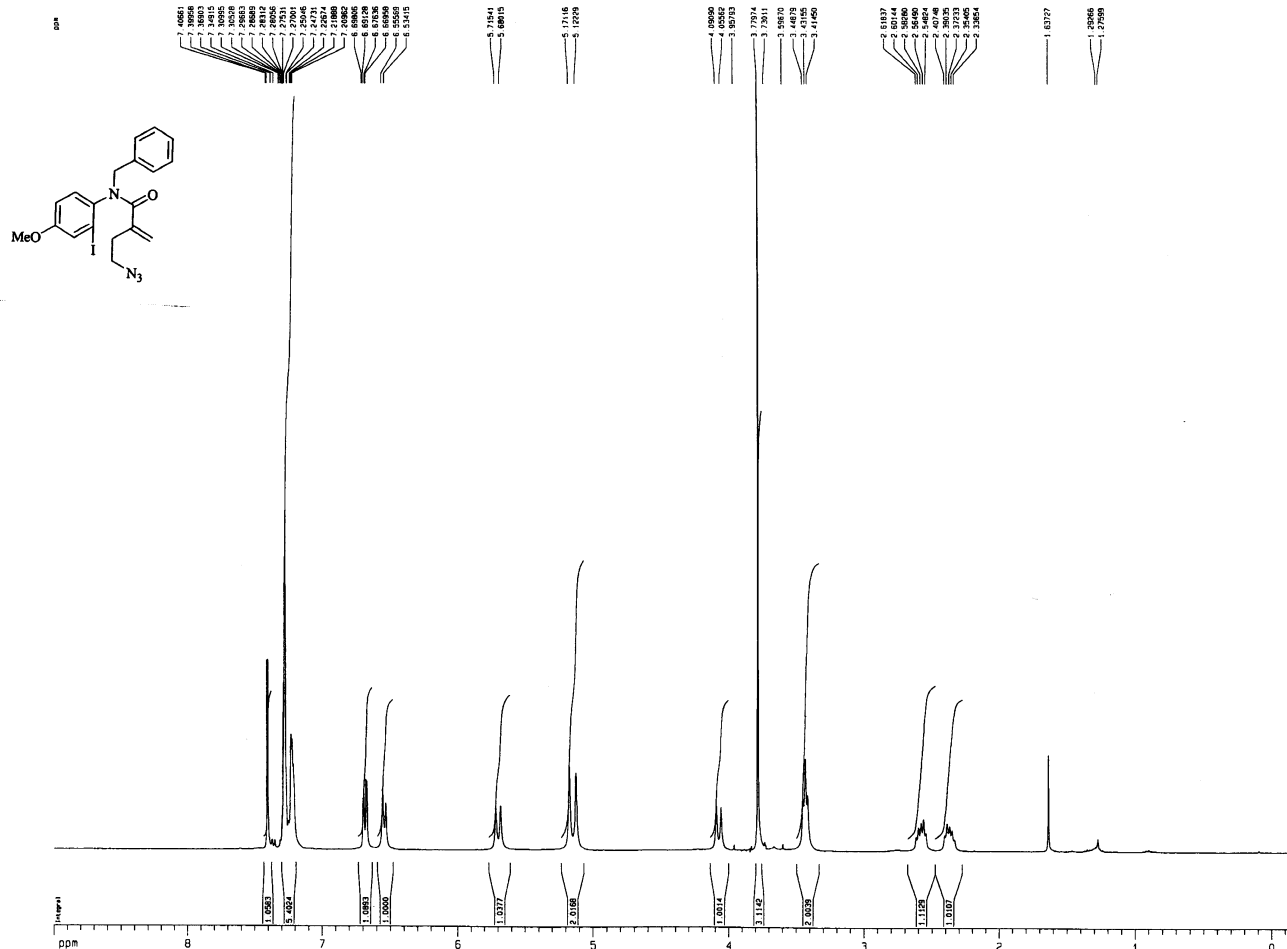
***** CHANNEL f1 *****
NUC1       13C
P1         7.00 usec
P2         15.40 usec
PL1        -3.00 dB
SFO1       100.627060 MHz

***** CHANNEL f2 *****
CPDPRG2   waltz16
NUC2       1H
PCPD2     90.00 usec
PL2        -3.00 dB
PL12      18.00 dB
SFO2       400.1318000 MHz

F2 - Processing parameters
SI         65536
SF         100.617399 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         4.00

1D NMR plot parameters
CX         24.50 cm
CY         4.35 cm
F1P        220.000 ppm
F1         223.3481 MHz
F2P        -10.500 ppm
F2         -1006.13 MHz
PRNCH      9.38776 ppm/Hz
HZDN       944.52795 Hz/Hz
  
```

Person Dimitris
DL260



```

Current Data Parameters
NAME      020105
EXPNO     1
PROCNO    1

F2 - Acquisition Parameters
Date_     20010908
Time      8.16
INSTRUM   oxi_400
PROBHD    5 mm QNP 1H
PULPROG   zg30
TO        65536
SOLVENT   CDCl3
NS         16
DS         1
SFO        400.132010 MHz
FIDRES    0.125483 Hz
AQ         3.9846387 sec
RG         322.5
DM         60.800 usec
DE         6.00 usec
TE         300.2 K
D1         0.10000000 sec

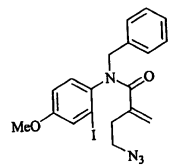
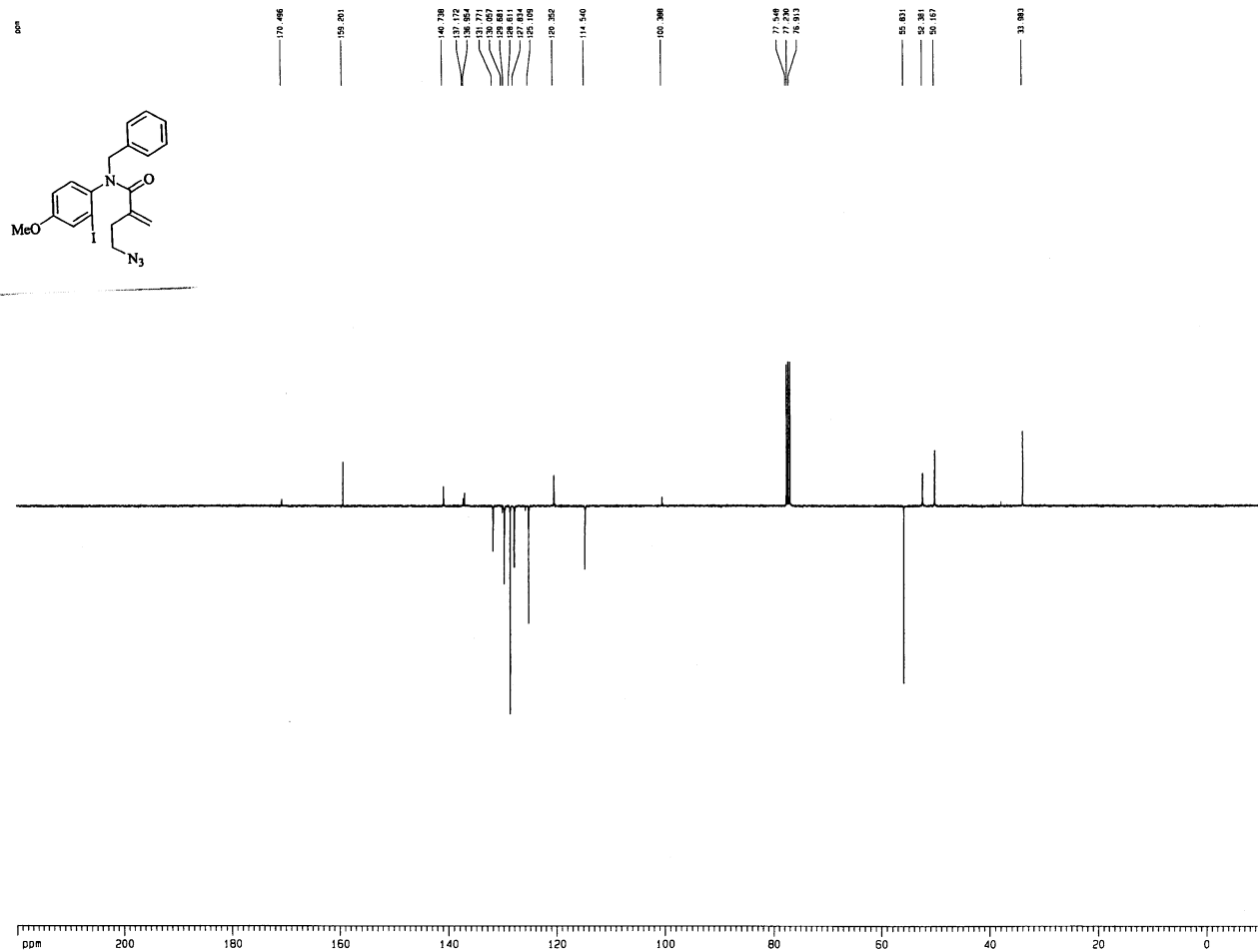
***** CHANNEL f1 ****
NUC1       1H
P1         7.50 usec
PL1        -3.00 dB
SFO1       400.132010 MHz

F2 - Processing parameters
SI         32768
SF         400.132010 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         4.00

1D NMR plot parameters
CX         24.50 cm
CY         21.46 cm
FIP        9.000 ppm
F1         3601.11 Hz
F2P        -0.200 ppm
F2         -60.01 Hz
SFOCH      0.27551 ppm/
HZCH       150.25290 Hz/c
  
```

Person Dimitris
azide

ppm



```
Current Data Parameters
NAME      D25215
EXPNO     2
PROCNO    1

F2 - Acquisition Parameters
Date_     20010910
Time      22.43
INSTRUM   drp_400
PROBHD    5 mm QNP 1H
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         5000
DS         4
SWH        24154.506 Hz
FIDRES     0.388570 Hz
AQ         1.3668450 sec
RG         11500.0
DM         20.700 usec
DE         7.14 usec
TE         300.0 K
D1         4.00000000 sec
D1.1      0.00000000 sec
D20       0.00670000 sec
DELTA     0.00000980 sec

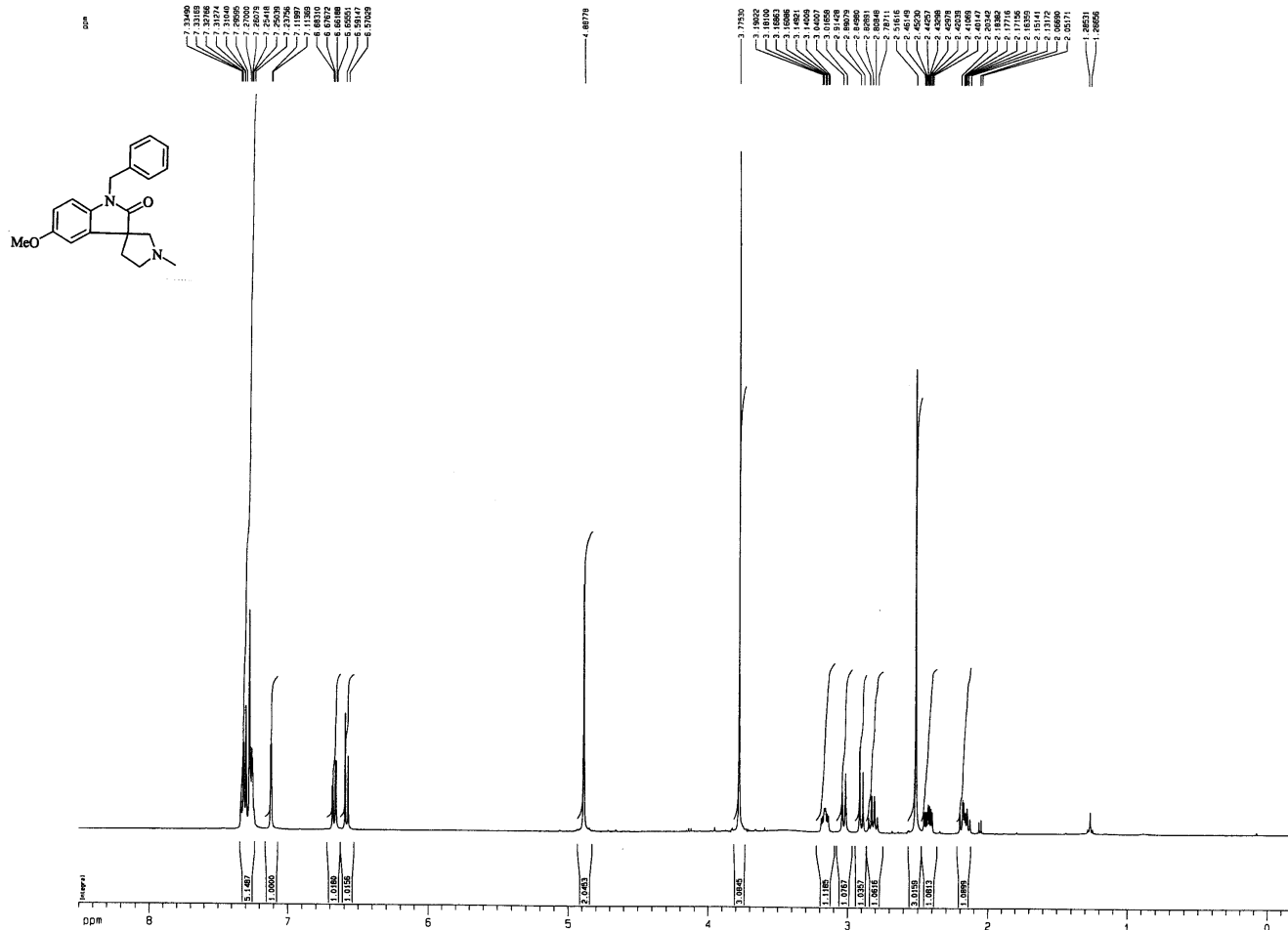
***** CHANNEL f1 *****
NUC1       13C
P1         7.70 usec
P2         15.40 usec
PL1        -3.00 dB
PL2        -3.00 dB
SFO1       100.6237864 MHz

***** CHANNEL f2 *****
CPDPRG2   waltz16
NUC2       1H
PCPD2     50.00 usec
PL2        -3.00 dB
PL12       18.00 dB
SFO2       400.1318006 MHz

F2 - Processing parameters
SI         65536
SF         100.6127561 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         3.50

ID NMR list parameters
CX         24.50 cm
CY         4.10 cm
F1P        220.000 ppm
F1         22134.80 Hz
F2P        -10.000 ppm
F2         -1006.13 Hz
SFOUCH     9.28716 ppm/c
HCCA       844.02780 Hz/cx
```

Person Dimitris
DL262



```

Current Data Parameters
NAME          DL262
EXPNO         1
PROCNO        1

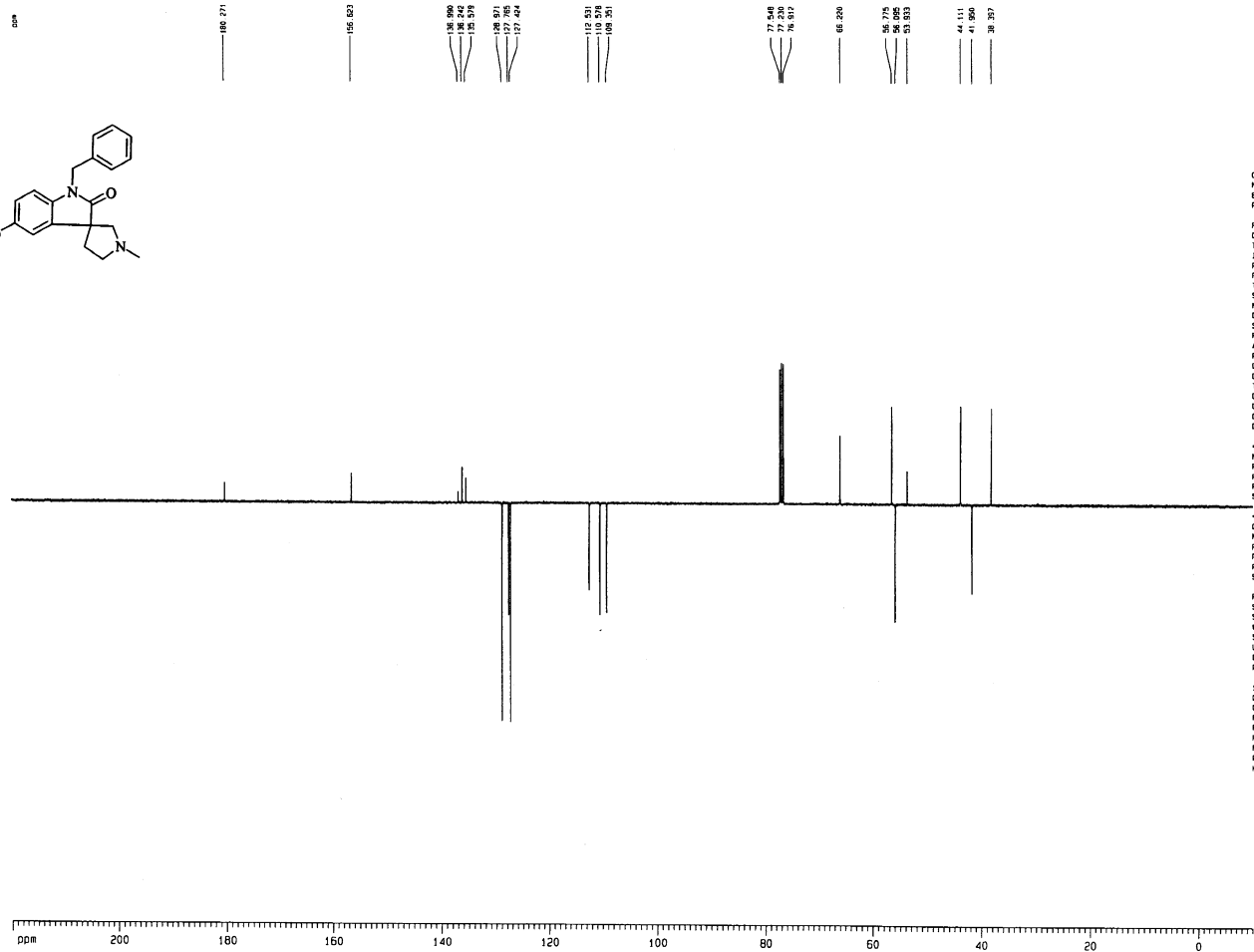
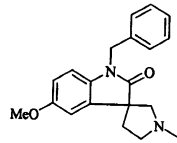
F2 - Acquisition Parameters
Date_         20010912
Time          15.57
INSTRUM      spect
PROBHD       5 mm QNP 1H
PULPROG      zg30
TD            65536
SOLVENT      CDCl3
NS            16
DS            2
SWH           8023.685 Hz
FIDRES        0.124643 Hz
AQ            3.5846387 sec
RG            300
DN            60.800 usec
DE            6.00 usec
TE            300.0 K
D1            0.1000000 sec

***** CHANNEL f1 *****
NUC1          1H
P1            7.50 usec
PL1           -1.00 dB
SFO1          400.132010 MHz

F2 - Processing parameters
SI            32768
SF            400.1300150 MHz
MHZ           EM
SSB           0
LB            0.30 Hz
GB            0
PC            4.00

1D NMR Plot parameters
CX            24.50 cm
CY            13.70 cm
F1P           8.500 ppm
F1            3481.10 Hz
F2P           -0.200 ppm
F2            -80.03 Hz
P1MCH         0.20510 ppm/
HZCH          142.08658 Hz/C
  
```

Person Dimitris
DL262



```

Current Data Parameters
NAME      029202
EXPNO     2
PROCNO    1

F2 - Acquisition Parameters
Date_     20010912
Time      22:41
INSTRUM   gpc_400
PROBHD    5 mm QNP 1H
PULPROG   ymrd
TD         65536
SOLVENT   CDCl3
NS         4200
DS         4
SWH        24154.580 Hz
FIDRES     0.368570 Hz
AQ         1.3566452 sec
RG         11505.2
DM         50.700 usec
DE         7.14 usec
TE         300.0 K
D1         4.0000000 sec
D13        0.0000000 sec
D20        0.0007000 sec
DELTA     0.0000580 sec

***** CHANNEL f1 *****
NUC1       13C
P1         7.70 usec
P2         15.40 usec
PL1        -3.00 dB
SFO1       100.627084 MHz

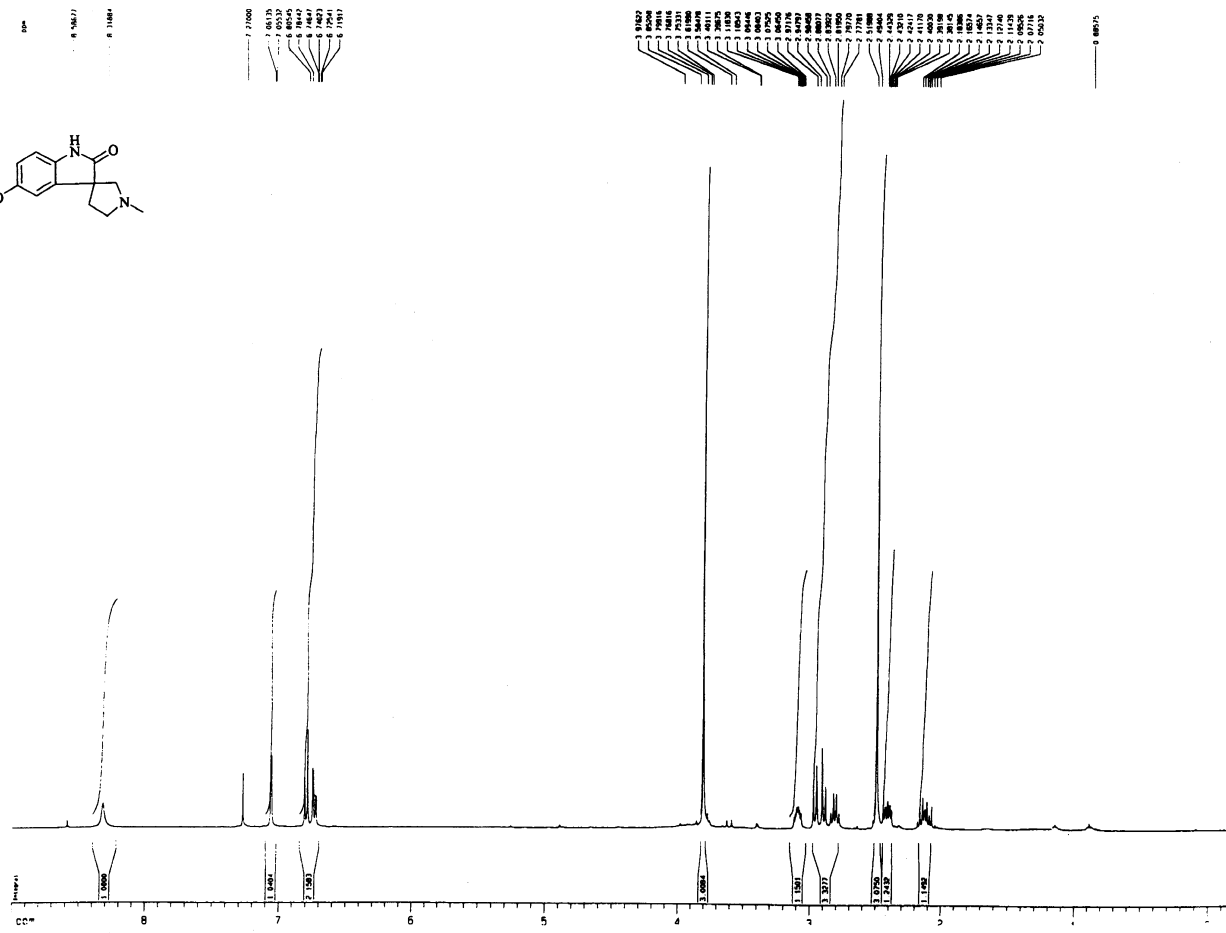
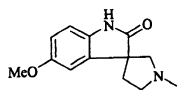
***** CHANNEL f2 *****
CPDPRG2   waltz16
NUC2       1H
PCPDPR2   90.00 usec
PL2        -3.00 dB
PL12       18.90 dB
SFO2       400.1318000 MHz

F2 - Processing parameters
SI         65536
SF         100.6127495 MHz
WDW        EM
SSB         0
LB         1.00 Hz
GB         0
PC         4.00

ID NMR plot parameters
CX         24.50 cm
CY         4.33 cm
F1P        220.000 ppm
F1         22134.80 Hz
F2P        -10.000 ppm
F2         -1006.13 Hz
PPMACH     9.38776 ppm/Hz
HZCH       944.52783 Hz/cx

```

Person Dimethyls
 Hansfi line



```

Current Data Parameters
NAME          029332
EXPNO         1
PROCNO        1

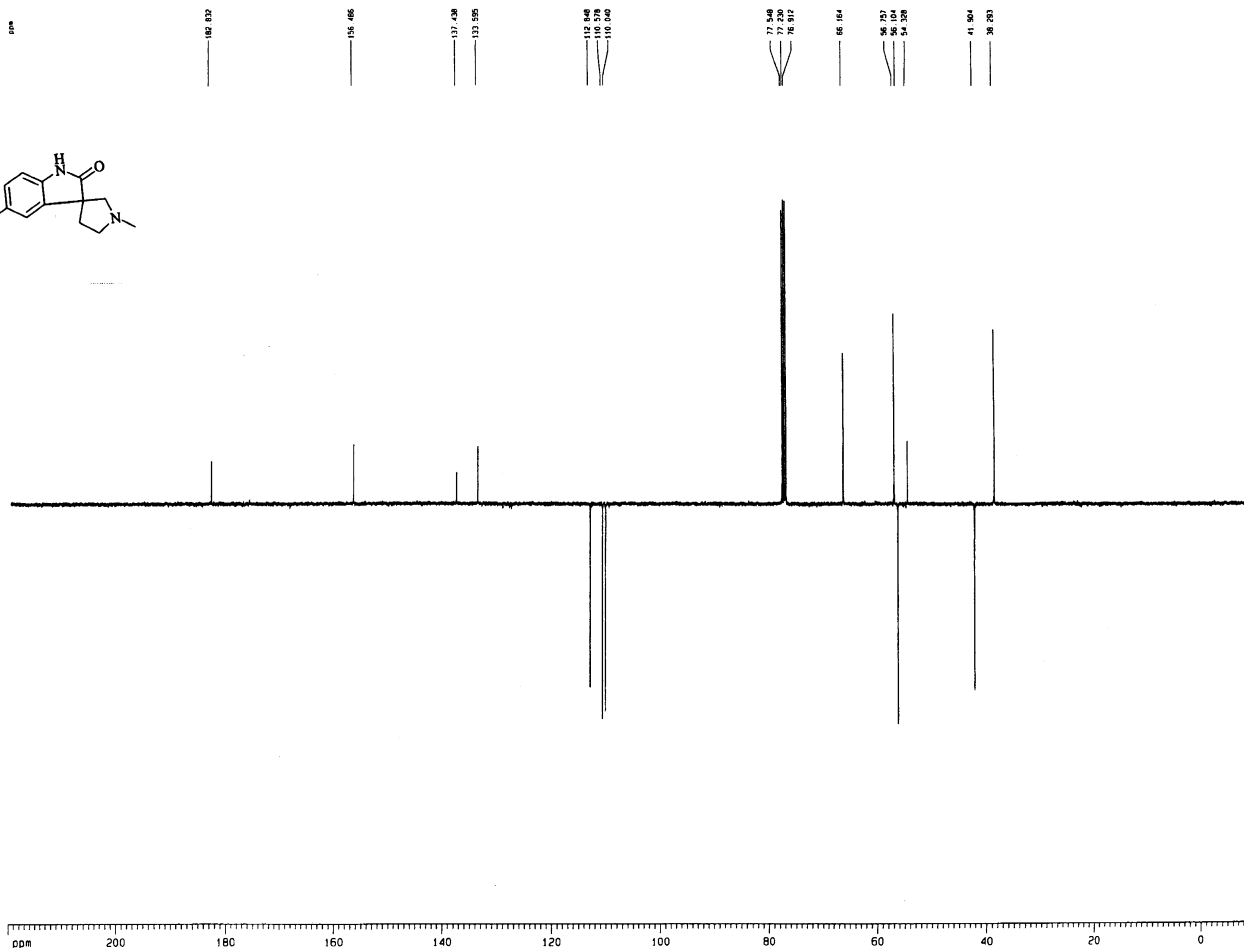
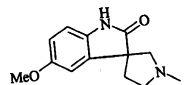
F2 - Acquisition Parameters
Date_         20010917
Time          14.36
INSTRUM       091_H0C
PROCNO        5
SOLVENT       MeOH
ID            85536
SOLVENT       MeOH
MS            16
DS            2
SIN           823.880 MHz
FIDRES        0.129483 Hz
AQ            3.9848387 sec
RG            512
DS            60.800 sec
DE            0.00 usec
IE            300 Hz
CI            0.0000000 sec

***** CHANNEL f1 *****
MULI          14
F0            7.50 usec
R1            -3.00 dB
SFO1          400.132010 MHz

F2 - Processing parameters
SI            32768
SF            400.1300168 MHz
WDW           EM
SSB           0
LB            0.30 Hz
GB            0
PC            4.00

ID NAME plot parameters
CX            24.50 cm
CY            10.50 cm
FIR           6.000 deg
F1            3601.77 Hz
FPM           -0.200 deg
F2            685.02 Hz
RDCW          0.37851 22 cm
-12cm        150.25296 MHz
  
```

Person Dimitris
Horsfiline



Current Data Parameters
NAME C29335
EXPNO 4
PROCNO 1

F2 - Acquisition Parameters
Date_ 20010818
Time 1:46
INSTRUM spt_400
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 6000
DS 4
SWH 24154.500 Hz
FIDRES 0.368570 Hz
AQ 1.3566492 sec
RG 5192.6
DM 20.700 usec
DE 3.14 usec
TE 300.2 K
D1 4.0000000 sec
D13 0.0000000 sec
D20 0.0067000 sec
DELTA 0.0000980 sec

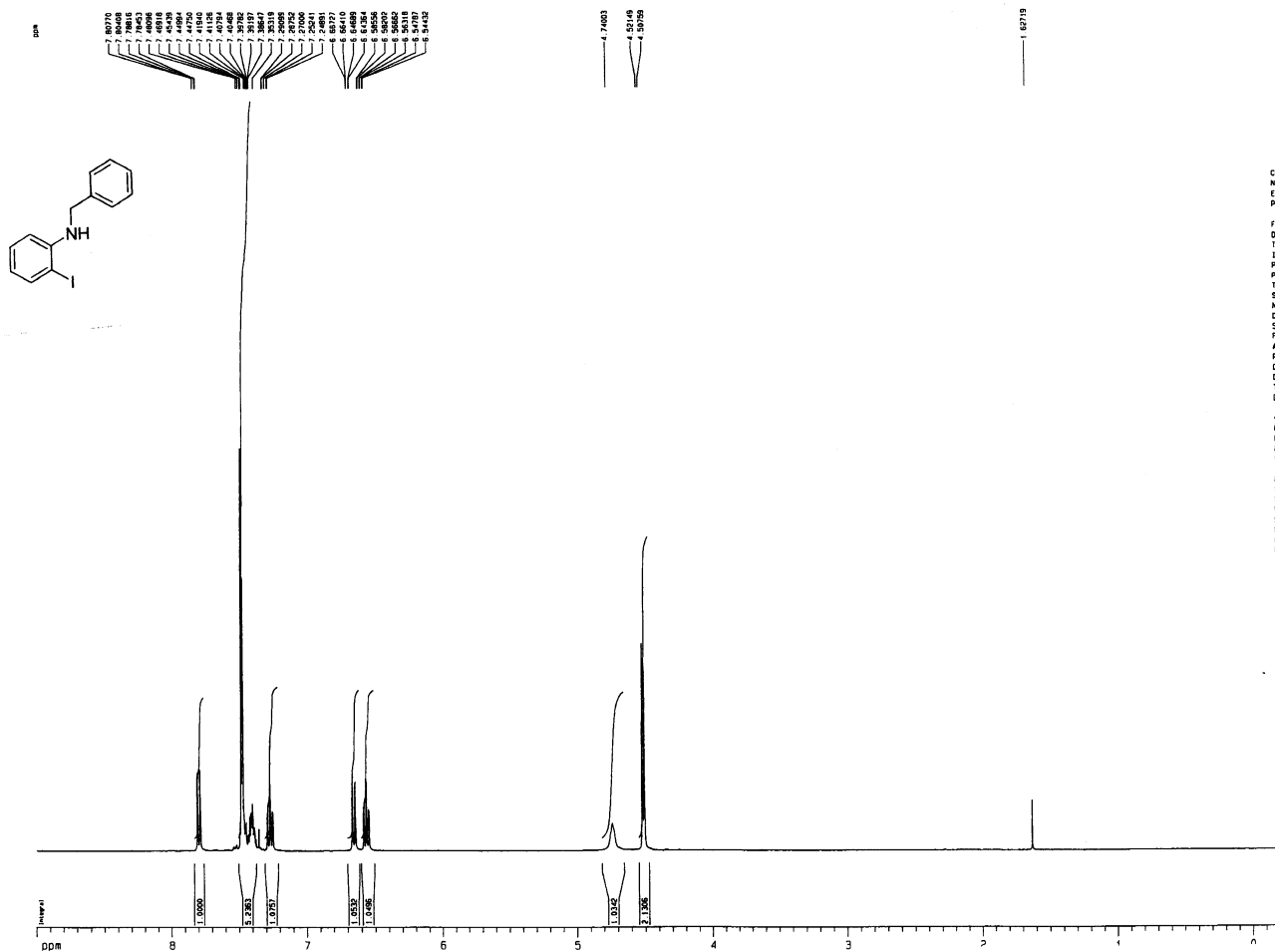
***** CHANNEL f1 *****
NUC1 13C
P1 7.70 usec
PL1 -3.00 dB
SFO1 100.6273864 MHz

***** CHANNEL f2 *****
CPDPRG2 waltz16
NUC2 1H
P2 90.00 usec
PL2 -3.00 dB
PL12 18.50 dB
SFO2 400.1318006 MHz

F2 - Processing parameters
SI 65536
SF 100.6127481 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 4.00

1D NMR plot parameters
CX 24.00 cm
CT 0.01 cm
F1P 200.000 DDM
F1 22134.80 MHz
F2P -10.000 DDM
F2 -1006.13 MHz
FREQHZ 0.36776 DDM/1
NUC1 94X.52783 MHz/1

Person Dimitris
DL263



```

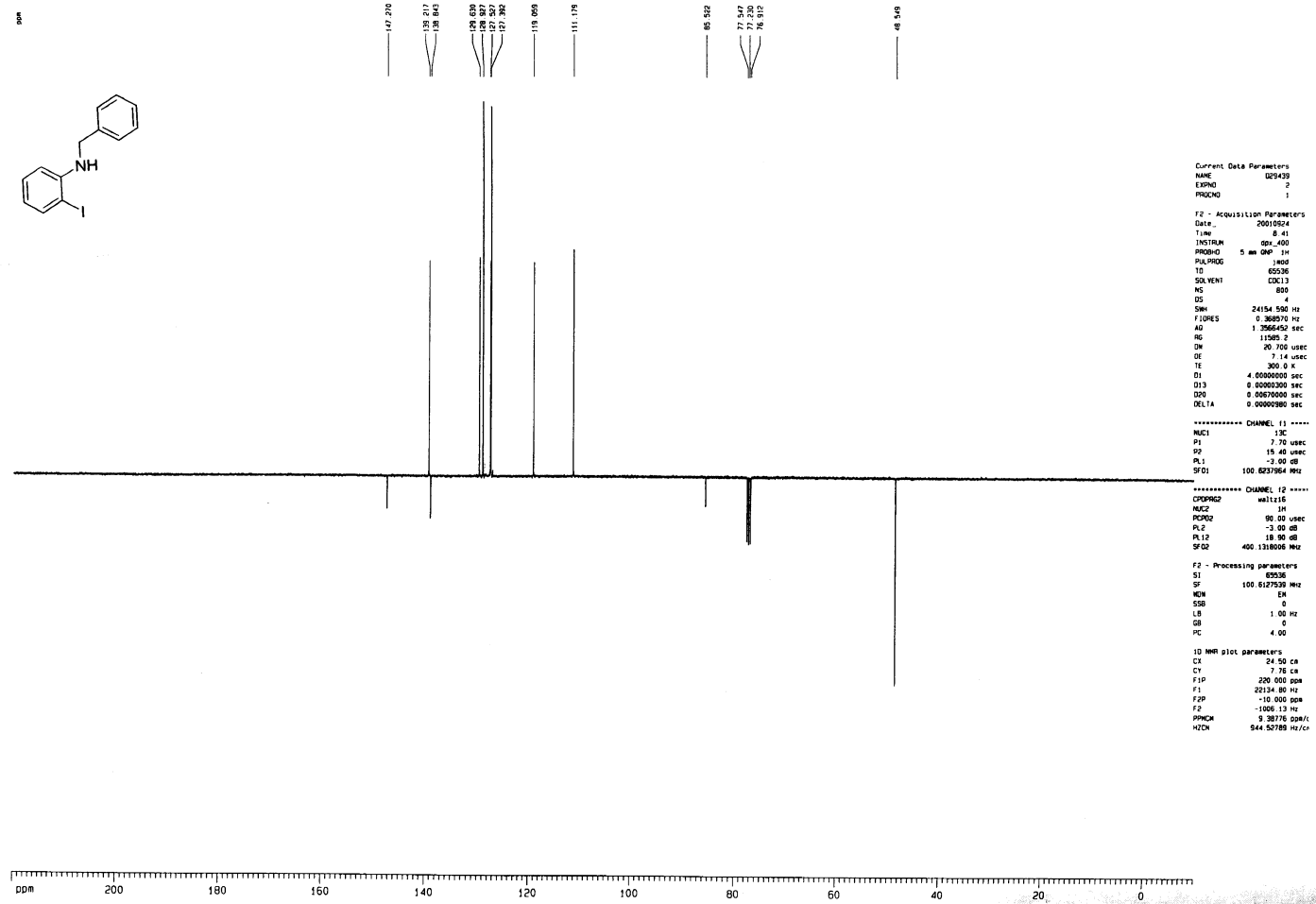
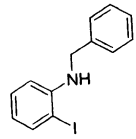
Current Data Parameters
NAME      D29439
EXPNO    1
PROCNO   1
F2 - Acquisition Parameters
CH1      20010924
Time     7.48
INSTRUM  cp1_400
PROBHD   5 mm QNP 1H
PULPROG  zg30
TD        65536
SOLVENT  CDCl3
NS        16
DS         2
SWH       8223.865 Hz
FIDRES    0.125483 Hz
AQ        3.9846387 sec
RG         298.1
DM         60.800 usec
DE         6.00 usec
TE        300.0 K
D1         0.1000000 sec

***** CHANNEL f1 *****
NUC1      1H
P1        7.50 usec
PL1       -3.00 dB
SFO1     400.132610 MHz

F2 - Processing parameters
SI        32768
SF        400.129836 MHz
WDW        EM
SSB         0
LB         0.30 Hz
GB         0
PC         4.00

ID NMR plot parameters
CS        24.50 cm
CY         8.03 cm
F1P        9.000 ppm
F1         3601.17 Hz
F2P        -0.200 ppm
F2         -80.03 Hz
PPMCH     0.37551 ppm/
HZCH      150.25288 Hz/c
  
```


Person Dimitris
DL263



```

Current Data Parameters
NAME      029439
EXPNO     2
PROCNO    1

F2 - Acquisition Parameters
Date_     20010524
Time      8 41
INSTRUM   gm_400
PROBHD    5 mm QNP 1H
PULPROG   jmod
TD         65536
SOLVENT   CDCl3
NS         800
DS         4
SWH        24154.590 Hz
FIDRES     0.368970 Hz
AQ         1.3566452 sec
RG         11589.2
DM         20.700 usec
DE         7.14 usec
TE         300.2 K
D1         4.0000000 sec
D13        0.0000300 sec
D20        0.0007000 sec
DELTA     0.0000980 sec

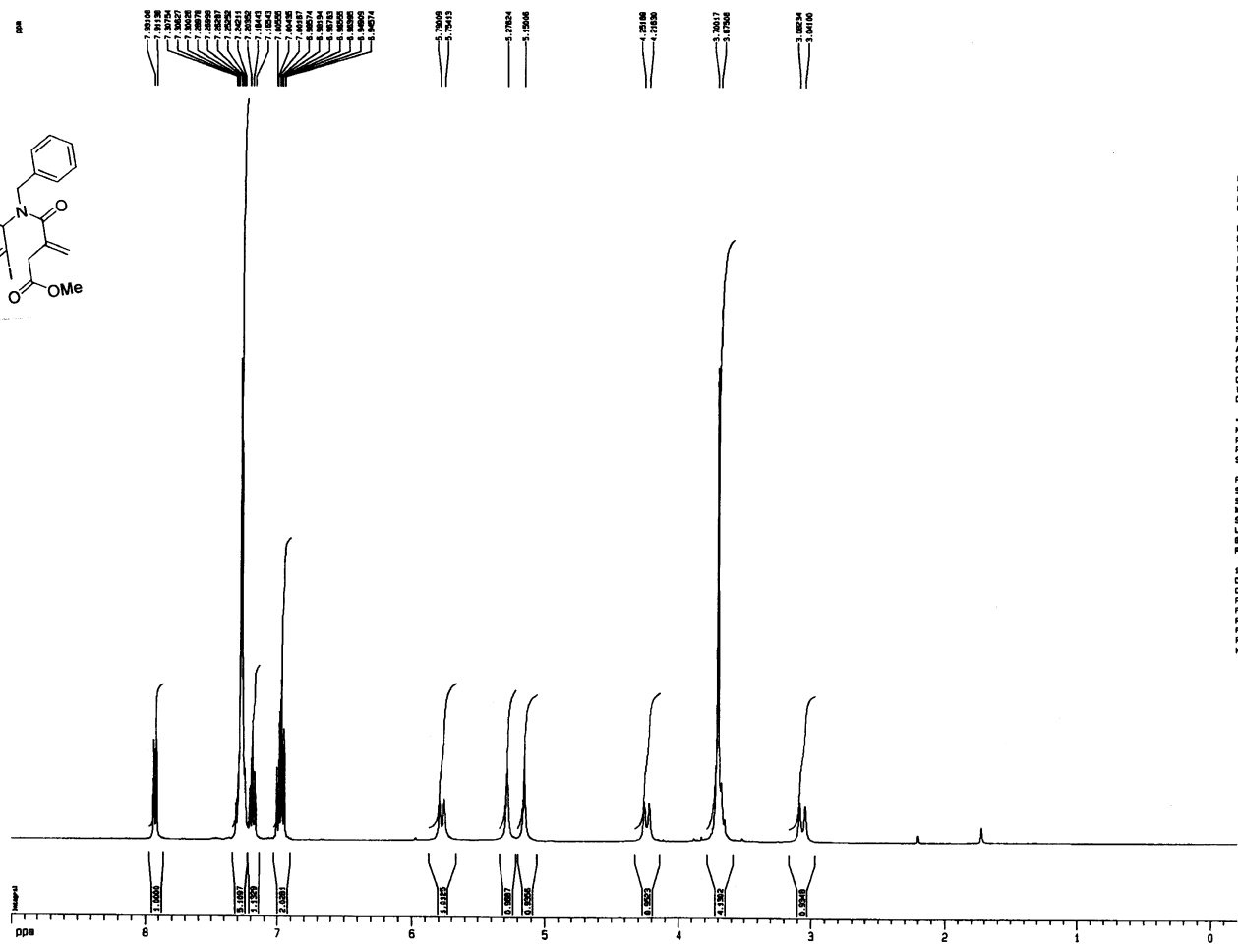
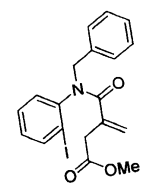
***** CHANNEL f1 *****
NUC1       13C
P1         7.70 usec
PC        18.00 usec
PL1       -3.00 dB
SF01      100.6231964 MHz

***** CHANNEL f2 *****
CPDPRG2   waltz16
NUC2       1H
PCPD2     90.00 usec
PL2       -3.00 dB
PL12      18.90 dB
SF02      400.1318006 MHz

F2 - Processing parameters
SI         65536
SF         100.6127539 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         4.00

ID NMR plot parameters
CX         24.50 ca
CY         7.76 ca
F1P        200.000 ppm
F1         25134.80 Hz
F2P        -10.000 ppm
F2         -1006.13 Hz
PPHCH      9.38776 ppm/c
HZCN       944.50788 Hz/cz
  
```

Person 1-2
DL325



Current Data Parameters
NAME 035439
EXPNO 1
PROCNO 1

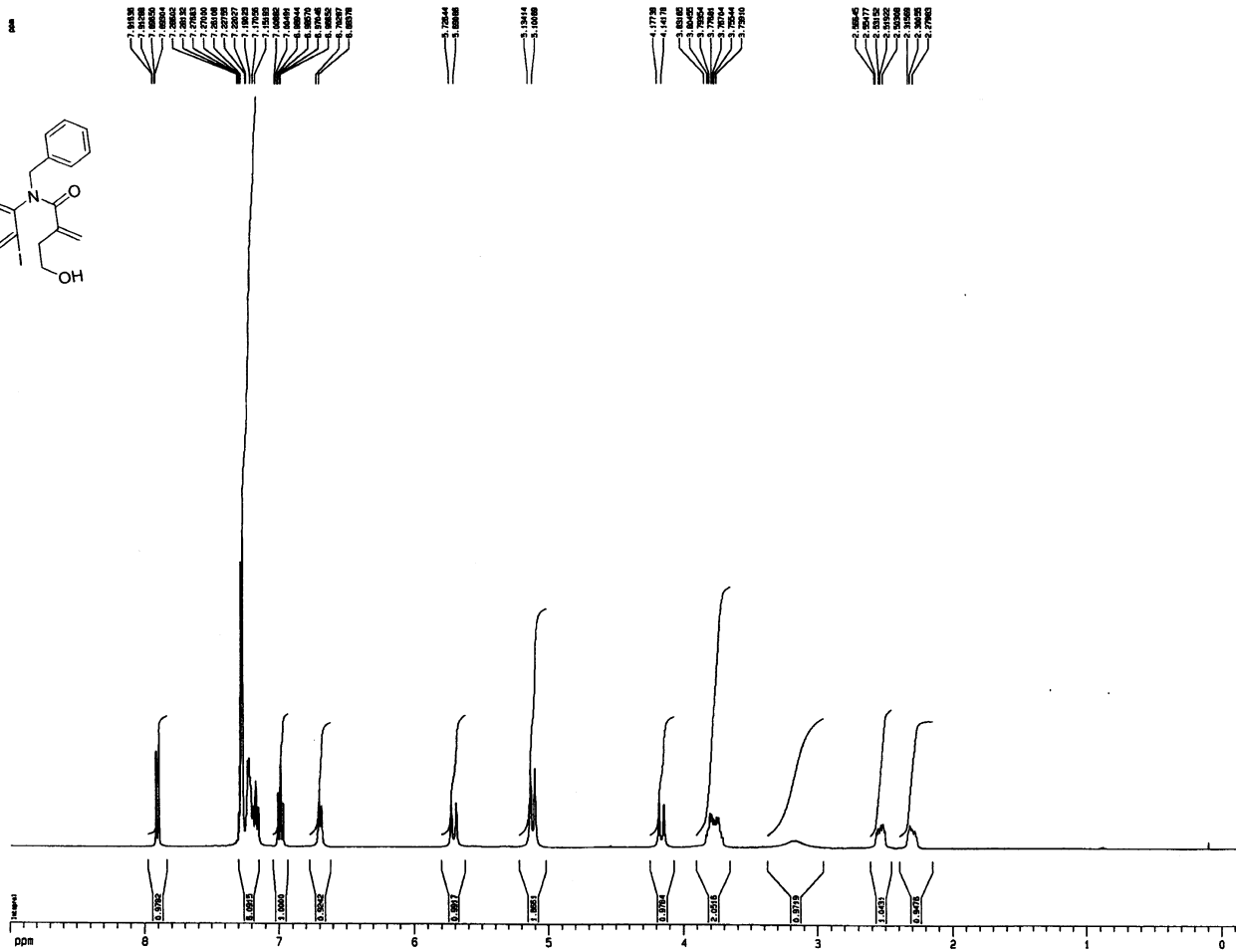
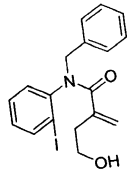
F2 - Acquisition Parameters
Date_ 20030528
Time 13.44
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SM 8229.888 Hz
FIDRES 0.125483 Hz
AQ 3.554397 sec
RG 181
DM 50.000 um
DE 6.00 um
TE 300.2 K
D1 0.10000000 sec

----- CHANNEL f1 -----
NUC1 1H
P1 7.50 um
PL1 -3.00 dB
SFO1 400.152010 MHz

F2 - Processing parameters
SI 32768
SF 400.1500021 MHz
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 4.00

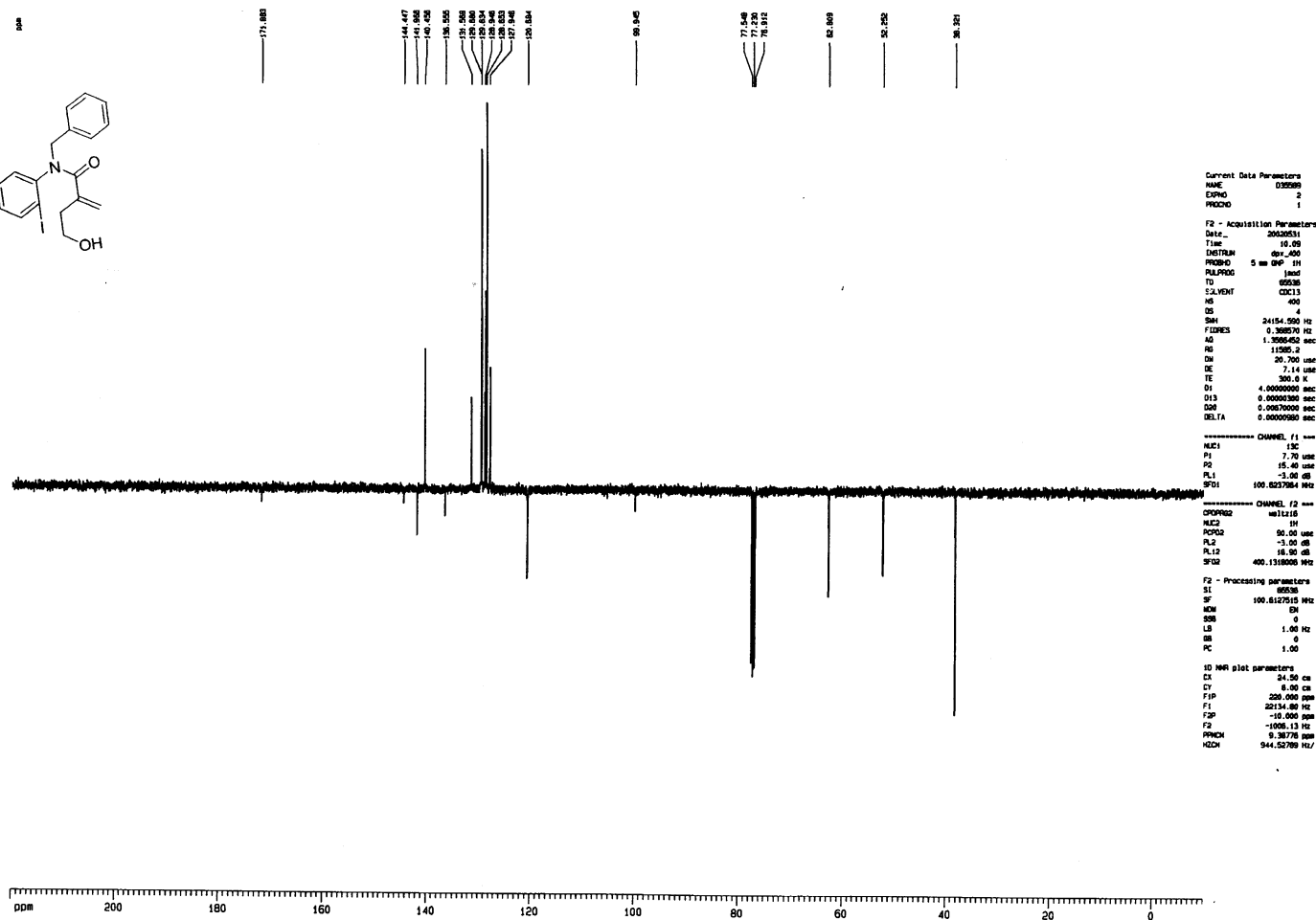
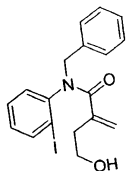
ID 1000 plot parameters
CX 24.50 cm
CY 9.62 cm
FSP 0.000 mm
F1 3001.17 Hz
FAP -0.200 mm
FZ -9.43 Hz
PPHM 0.37551 ppm
MCH 150.25290 Hz

Person 1-2
DL326



Current Data Parameters
NAME 035580
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date_ 20030531
Time 9.52
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 18
DS 2
SMA 8223.685 Hz
FIDRES 0.125483 Hz
AQ 3.884987 sec
RG 143.7
DM 80.800 um
DE 8.00 um
TE 300.0 K
D1 0.10000000 sec
===== CHANNEL f1 =====
NUC1 1H
P1 7.50 um
PL1 -3.00 dB
SFO1 400.132610 MHz
F2 - Processing parameters
SI 32768
SF 400.1306129 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00
G0 0.00000000 Hz
G1 24.50 cm
CY 0.15 cm
F1P 0.000 ppm
F1 3801.17 Hz
F2P -0.200 ppm
F2 -80.00 Hz
PPH2 0.37251 ppm
H2CH 150.82500 Hz,

Person 1-2
DL326



```

Current Data Parameters
NAME          DL326
EXPNO        2
PROCNO       1

F2 - Acquisition Parameters
Date_        20030531
Time         10.09
INSTRUM     drx_400
PROBHD      5 mm gcp-1H
PULPROG     zgpg30
TD          65536
SOLVENT     CDCl3
NS          400
DS          4
SFO1        24154.500 Hz
FIDRES      0.369570 Hz
AQ          1.3596462 sec
RG          11595.2
DR          20.700 usec
DE          7.14 usec
TE          300.2 K
D1          4.0000000 sec
D13         0.0000000 sec
D20         0.0007000 sec
DELTA       0.0000980 sec

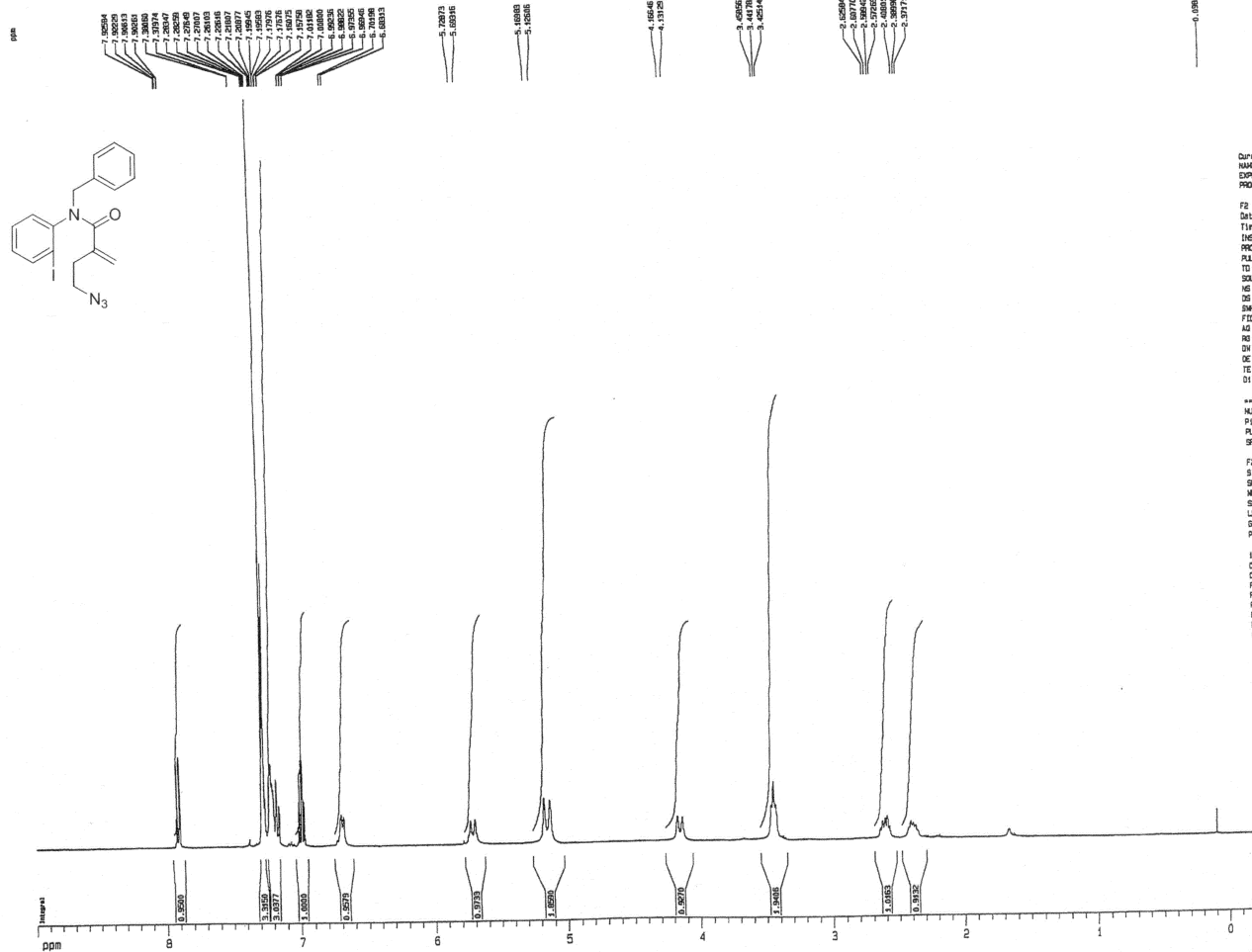
===== CHANNEL f1 =====
NUC1         13C
P1           7.70 usec
PC          15.40 usec
PL1         -3.00 dB
SFO1        100.6257884 MHz

===== CHANNEL f2 =====
CPDPRG2     waltz16
NUC2         1H
PCPD2       90.00 usec
PL2         -3.00 dB
PL12        18.00 dB
SFO2        400.1318000 MHz

F2 - Processing parameters
SI           65536
SF          100.6127915 MHz
WDW          EM
SSB          0
LB           1.40 Hz
GB           0
PC           1.00

ID NMR plot parameters
CX           24.50 cm
CY           8.00 cm
F1P         200.000 ppm
F1          20134.000 MHz
F2P         -10.000 ppm
F2          -1008.13 Hz
PNUCH       9.38776 ppm
HZCH        944.52789 kHz/
  
```

Person 1-2
DL328



Current Data Parameters
NAME 09513
SIMP 1
PROCNO 1

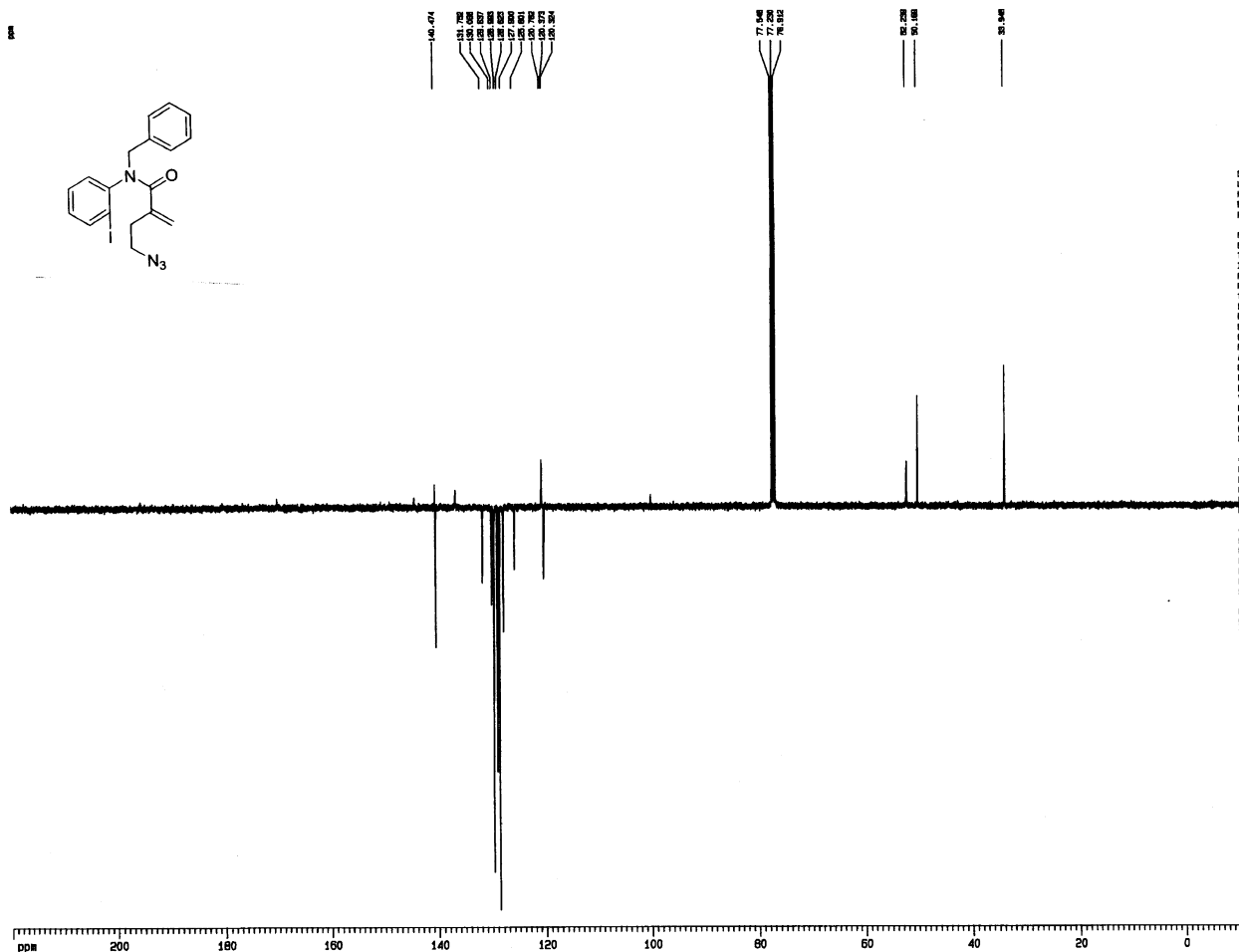
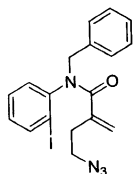
F2 - Acquisition Parameters
Date_ 20020802
Time 14.03
INSTRUM spect
PROCNO 5 nm CNP 3H
PLUPROG 290
ID 08398
SOLVENT CDCl3
NS 16
DS 2
SW 8025.686 Hz
FIDRES 0.125443 Hz
AQ 3.9846397 sec
RG 143.7
CH 66.800 usec
DE 6.00 usec
TE 300.0 K
SI 0.1000000 sec

***** CHANNEL f1 ****
NUC1 1H
P1 7.50 usec
PL1 -3.00 dB
SFO1 400.1130010 MHz

F2 - Processing parameters
SI 32768
SF 400.1130010 MHz
WDW EM
SSB 0
LB 0.00 Hz
GB 0
PC 4.00

ID NMR plot parameters
CX 24.50 cm
CY 9.00 cm
FIP 0.650 usec
FI 3661.17 Hz
FSP -0.000 usec
FZ -90.03 Hz
PPMCH 0.37851 usec
HZCH 150.25200 MHz

Person Dimitris
DL271



Current Data Parameters
USER jsm
NAME CD003
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20011004
Time 9:07
INSTRUM gpc_400
PROBHD 5 mm BBO 5H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 8000
DS 4
SWH 24184.860 Hz
FIDRES 0.388270 Hz
AQ 1.3028482 sec
RG 1.02612
DM 20.700 umsec
DE 7.14 umsec
TE 300.0 K
D1 4.0000000 sec
D15 0.0000000 sec
D20 0.0007000 sec
DELTA 0.0000000 sec

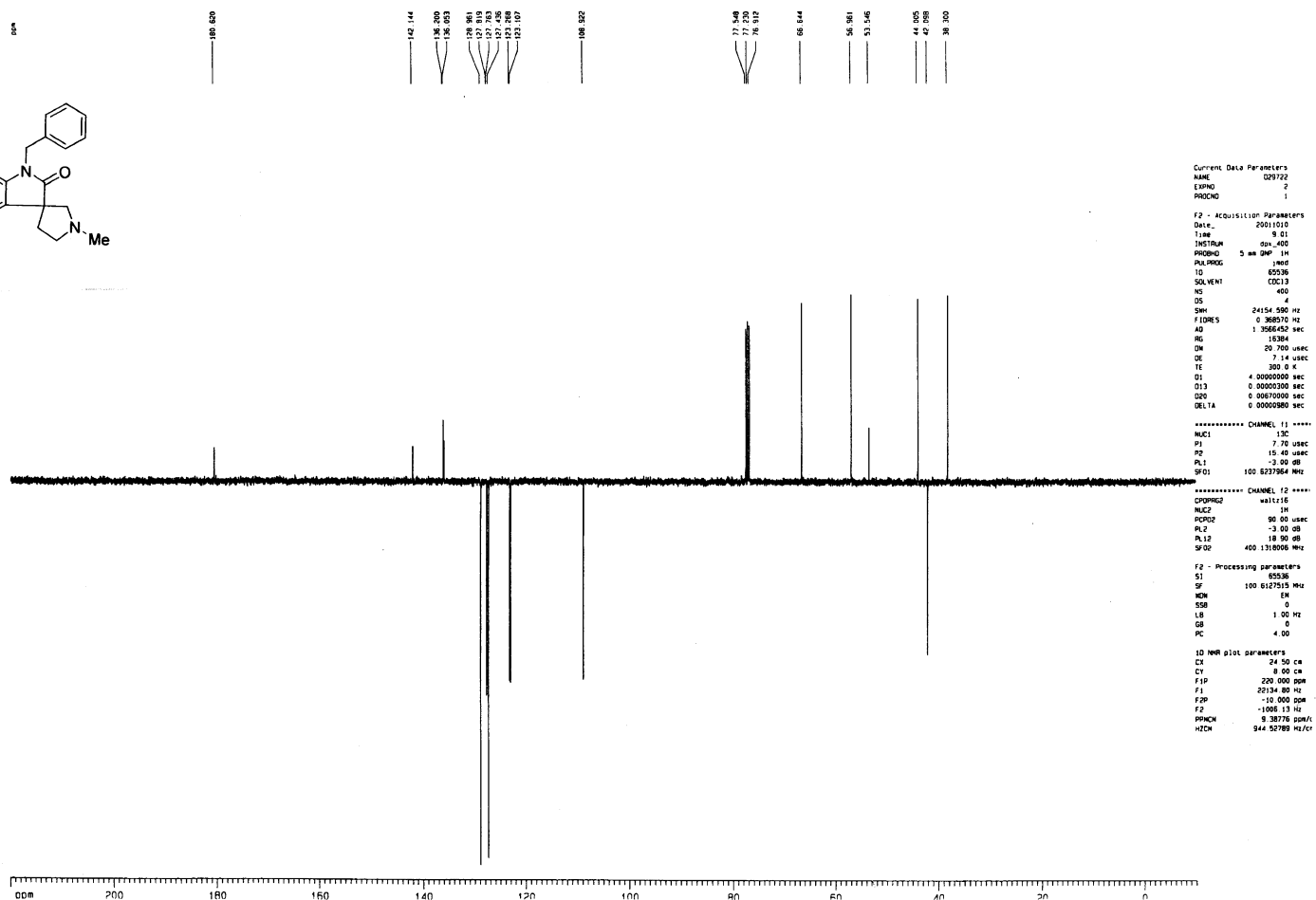
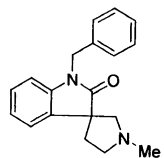
CHANNEL f1
NUC1 13C
P1 7.70 umsec
PL1 19.40 umsec
PL12 -3.00 dB
SFO1 100.627854 MHz

CHANNEL f2
CPROG2 zgpg30
NUC2 1H
PCPD2 90.00 umsec
PL2 -3.00 dB
PL12 19.50 dB
SFO2 400.1509008 MHz

F2 - Processing parameters
SI 32768
SF 100.627482 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 4.00

3D NMR plot parameters
CH 54.80 cm
F1P 230.000 ppm
F1 20134.80 Hz
F2P -10.000 ppm
F2 -1008.13 Hz
PPHCH 5.35776 ppm/cm
HCH 844.32785 Hz/cm

Person Dimitris
DL272



```

Current Data Parameters
NAME      029722
EXPNO     2
PROCNO    1

F2 - Acquisition Parameters
Date_     2001010
Time      9 01
INSTRUM   gm-400
PROBHD    5 mm QNP 1H
PULPROG   1mgd
TD         65536
SOLVENT   CDCl3
NS         400
DS         4
SWH        24154.590 Hz
FIDRES     0.360570 Hz
AQ         1.3566452 sec
RG          16384
DM         20.700 usec
DE         7.14 usec
TE         300.0 K
D1         4.0000000 sec
D13        0.0000300 sec
D20        0.0007000 sec
DELTA     0.0000000 sec

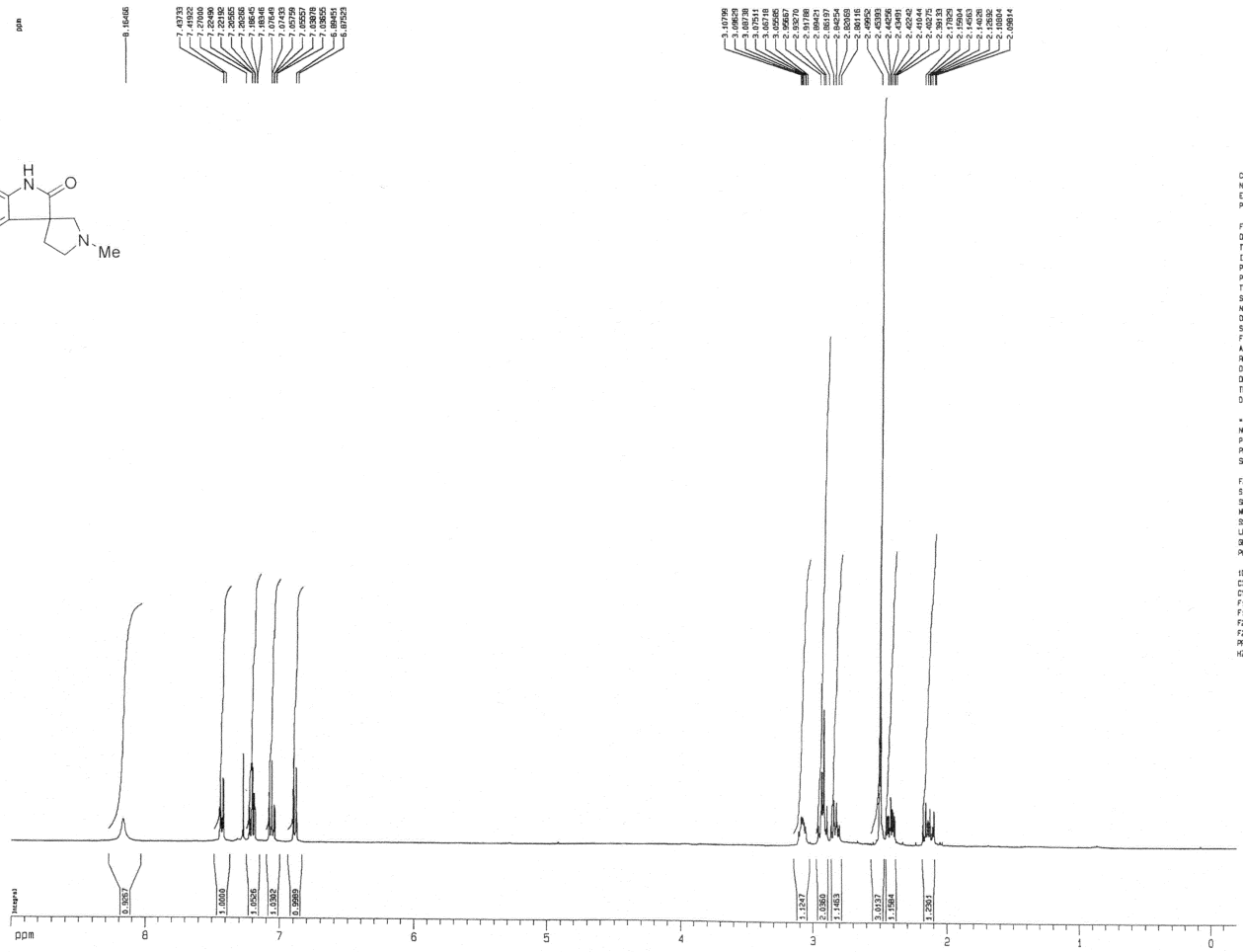
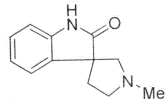
***** CHANNEL f1 *****
NUC1       13C
P1         7.70 usec
PR         15.40 usec
PL1        -3.00 dB
SFO1      100.627964 MHz

***** CHANNEL f2 *****
CPDPRG2   waltz16
NUC2       1H
PCPD2     90.00 usec
PL2        -3.00 dB
PL12       18.90 dB
SFO2      400.1318006 MHz

F2 - Processing parameters
SI         65536
SF         100.627915 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         4.00

1D NMR plot parameters
CX         24.50 cm
CY         8.00 cm
FID        220.000 DDM
F1         22134.80 Hz
FPP        -10.000 DDM
F2         -1000.13 Hz
PPHMC      9.38776 ppm/Hz
HZCN       944.52789 MHz/cz
  
```


Person 1-2
DL330COER



Current Data Parameters
NAME DL330COER
EXPNO 1
PROCNO 1

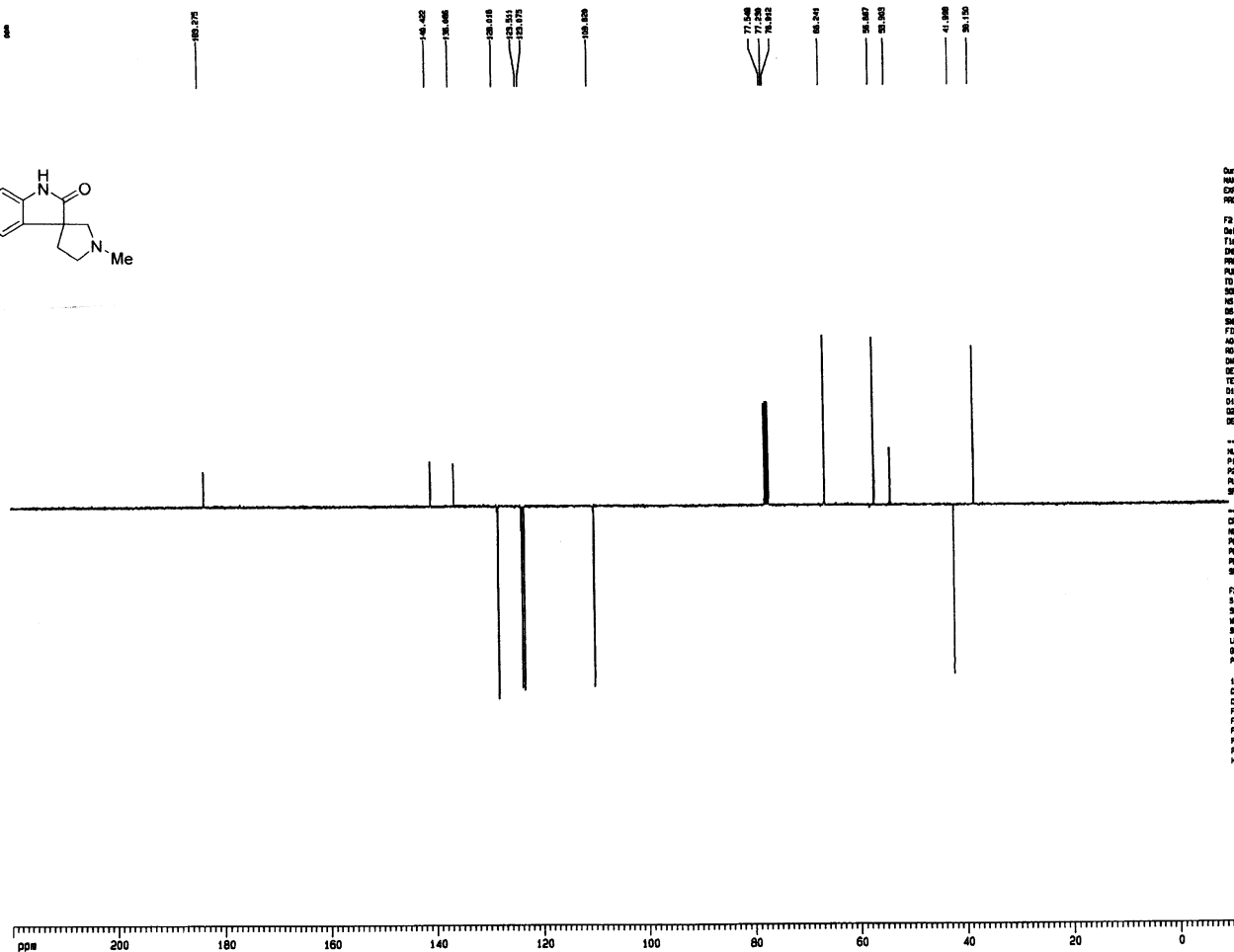
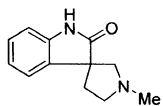
F2 - Acquisition Parameters
Date_ 20050908
Time 11.28
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SFO 6223.686 Hz
FIDRES 0.125483 Hz
AQ 3.2846397 sec
RG 674.7
DM 60.800 umr
DE 0.00 umr
TE 300.0 K
D1 0.10000000 sec

***** CHANNEL f1 ***
NUC1 1H
P1 7.60 umr
PL1 -3.00 dB
SFO1 400.132010 MHz

F2 - Processing parameters
SI 32768
SF 400.1320169 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 4.00

ID NMR plot parameters
CX 24.50 cm
CY 10.28 cm
FIP 9.000 ppm
FI 3601.17 Hz
FQP -0.200 ppm
FJ -60.03 Hz
FZ 0.37551 ppm
PRCH 150.25290 Hz

Person 1-2
DL331-1



Current Data Parameters
NAME 032647
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20050805
Time 15.54
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zgpg30
ID 00330
SOLVENT CDCl3
NS 2000
DS 4
SWH 24154.500 Hz
FIDRES 0.388570 Hz
AQ 1.3556462 sec
RG 1199.0
CH 39.705 usec
DE 7.14 usec
TE 300.0 K
DQ 4.0000000 sec
SFB 0.0000000 sec
GB 0.0000000 sec
DELTA 0.0000000 sec

----- CHANNEL f1 ----
NUC1 13C
P1 7.70 usec
PL1 15.00 dB
RF1 100.6257864 MHz

----- CHANNEL f2 ----
CPROG2 zgpg30
NUC2 1H
P2 90.00 usec
PL2 -2.00 dB
PL12 18.50 dB
RF20 400.1318006 MHz

F2 - Processing parameters
SI 32768
SF 100.6127500 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 4.00

ID MR plat parameters
CX 24.50 cm
CY 3.83 cm
FIP 200.000 pps
PI 22134.00 Hz
FSP -10.000 pps
PR 1000.00 Hz
PUNCH 9.30776 pps
HZDN 844.52783 Hz/