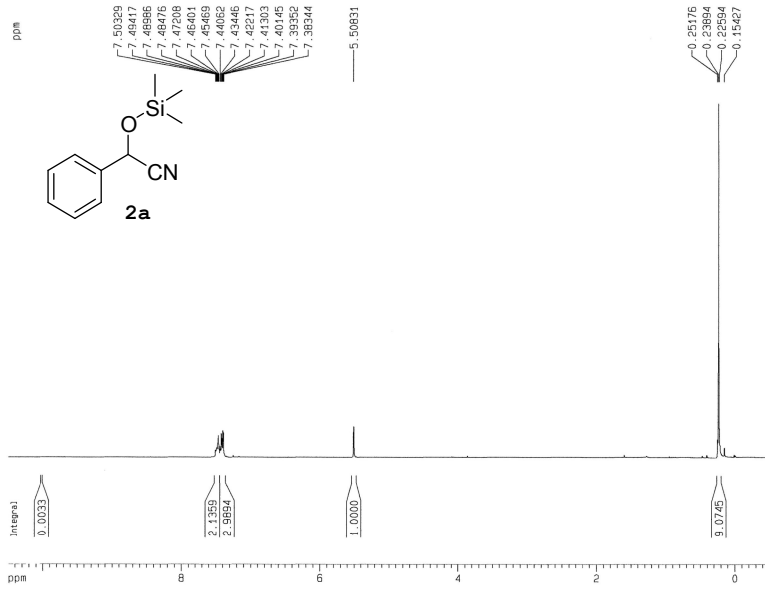


Supporting Information

A dream combination for catalysis: Highly reactive and recyclable scandium(III) triflate-catalyzed cyanosilylations of carbonyl compounds in an ionic liquid

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Seoul 120-750, Korea**



```

Current Data Parameters
NAME      PBY
EXPNO    257
PROCNO   11
F2 - Acquisition Parameters
Date_    20081204
Time     13.17
INSTRUM  spect
PROBHD   5 mm Dual 13C/
PULPROG  zgpg30
TD        65536
SOLVENT  D2O
NS        32
DS        2
SWH       18832.383 Hz
FIDRES   0.287360 Hz
AQ        1.7400308 sec
RG        5792.6
DM        26.950 usec
DE        6.00 usec
TE        0.0 K
D1        2.0000000 sec
D11       0.0300000 sec
DELTA    1.8999999 sec
NOREST   0.0000000 sec
NMRNAME  0.11500000 sec

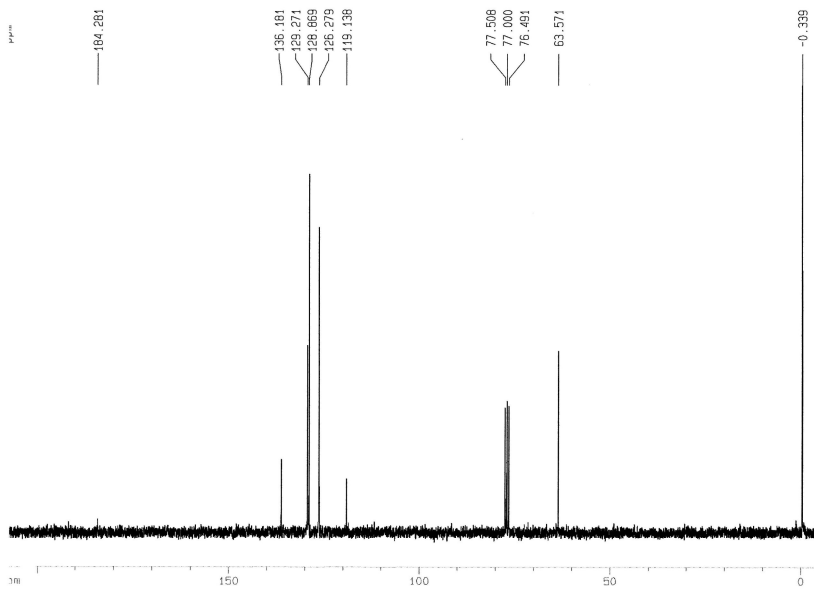
----- CHANNEL f1 -----
NUC1      13C
P1        7.60 usec
PL1       -3.00 dB
SFO1     62.9027864 MHz

----- CHANNEL f2 -----
CPDPRG2  waltz16
NUC2      1H
PCPD2     100.00 usec
PL2       -3.00 dB
PL12      17.80 dB
PL13      21.00 dB
SFO2     250.1310009 MHz

F2 - Processing parameters
SI        32768
SF        260.1300031 MHz
WDW       EM
SSB       0
LB        0.30 Hz
GB        0
PC        1.00

ID NMR plot parameters
CX        21.00 cm
CY        10.00 cm
FIDP      10.000 usec
F1        2686.36 Hz
F2P       -5.000 ppm
F2        -126.07 Hz
PPMCK    0.52381 ppm/cm
RDCM     131.02048 Hz/cm

```



```

Current Data Parameters
NAME      PBY
EXPNO    257
PROCNO   12
F2 - Acquisition Parameters
Date_    20081204
Time     13.17
INSTRUM  spect
PROBHD   5 mm Dual 13C/
PULPROG  zgpg30
TD        65536
SOLVENT  D2O
NS        32
DS        2
SWH       18832.383 Hz
FIDRES   0.287360 Hz
AQ        1.7400308 sec
RG        5792.6
DM        26.950 usec
DE        6.00 usec
TE        0.0 K
D1        2.0000000 sec
D11       0.0300000 sec
DELTA    1.8999999 sec
NOREST   0.0000000 sec
NMRNAME  0.11500000 sec

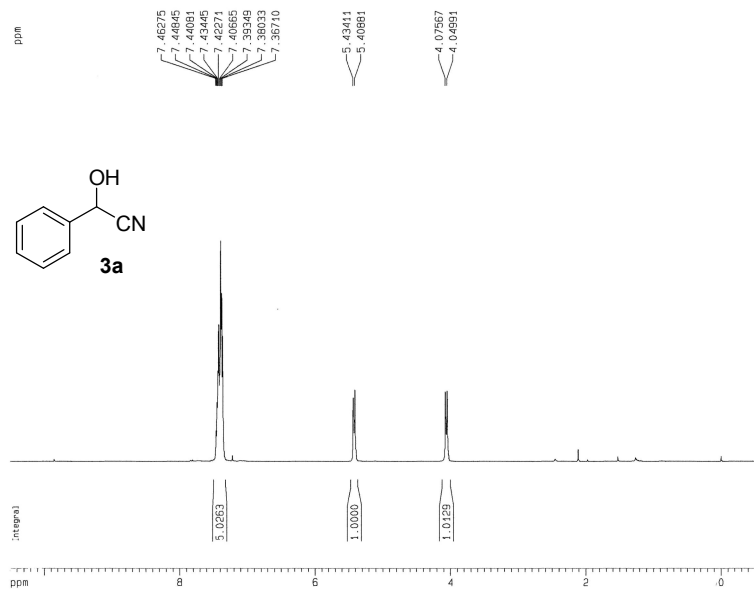
----- CHANNEL f1 -----
NUC1      13C
P1        7.60 usec
PL1       -3.00 dB
SFO1     62.9027864 MHz

----- CHANNEL f2 -----
CPDPRG2  waltz16
NUC2      1H
PCPD2     100.00 usec
PL2       -3.00 dB
PL12      17.80 dB
PL13      21.00 dB
SFO2     250.1310009 MHz

F2 - Processing parameters
SI        32768
SF        260.1300031 MHz
WDW       EM
SSB       0
LB        1.00 Hz
GB        0
PC        1.40

ID NMR plot parameters
CX        20.00 cm
CY        10.00 cm
FIDP      210.000 usec
F1        13206.00 Hz
F2P       -5.000 ppm
F2        -314.48 Hz
PPMCK    10.75000 ppm/cm
RDCM     676.12398 Hz/cm

```



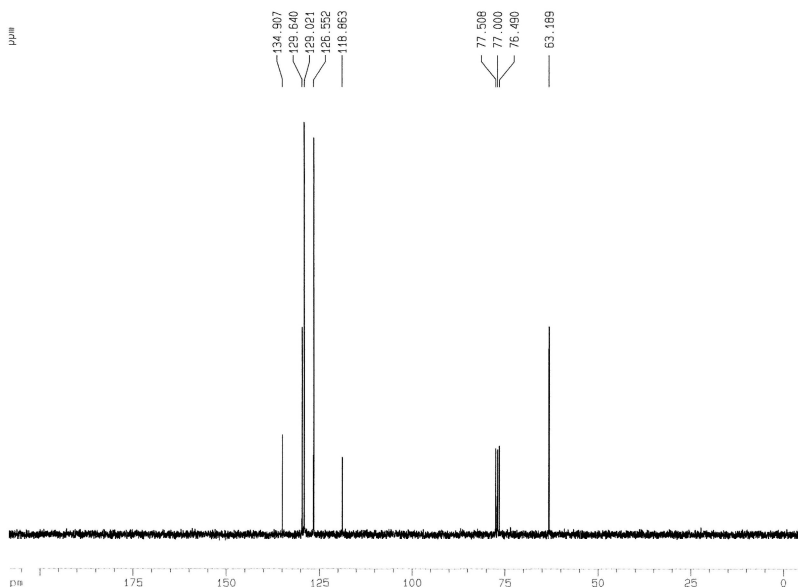
Current Data Parameters
 NAME PBV
 EXPNO 201
 PROCNO 18

F2 - Acquisition Parameters
 Date_ 20081204
 Time 12.55
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 12
 DS 0
 SWH 4990.020 Hz
 FIDRES 0.076142 Hz
 AQ 6.5667572 sec
 RG 161.3
 OW 100.200 usec
 DE 6.00 usec
 TE 0.0 K
 D1 1.00000000 sec
 MCREST 0.00000000 sec
 MCWRR 0.01500000 sec

***** CHANNEL f1 *****
 NUC1 1H
 P1 11.60 usec
 PL1 -3.00 dB
 SFO1 250.1320010 MHz

F2 - Processing parameters
 SI 32768
 SF 250.1300102 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 21.00 cm
 CY 2.00 cm
 FIP 10.500 ppm
 F1 2628.36 Hz
 F2P -0.500 ppm
 F2 -125.07 Hz
 FWHM 0.52381 ppm
 HZCM 131.02048 Hz/



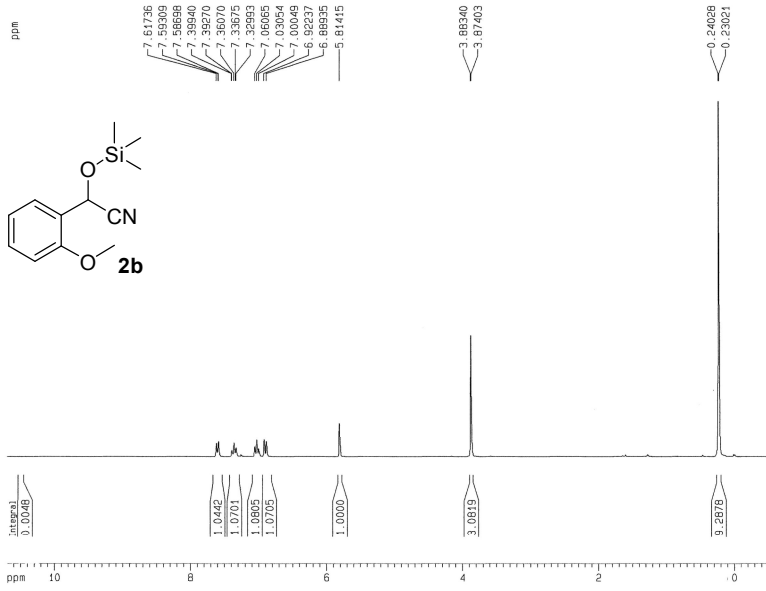
Current Data Parameters
 NAME PBV
 EXPNO 261
 PROCNO 19

F2 - Acquisition Parameters
 Date_ 20081204
 Time 12.55
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 12
 DS 0
 SWH 4990.020 Hz
 FIDRES 0.076142 Hz
 AQ 6.5667572 sec
 RG 161.3
 OW 100.200 usec
 DE 6.00 usec
 TE 0.0 K
 D1 1.00000000 sec
 MCREST 0.00000000 sec
 MCWRR 0.01500000 sec

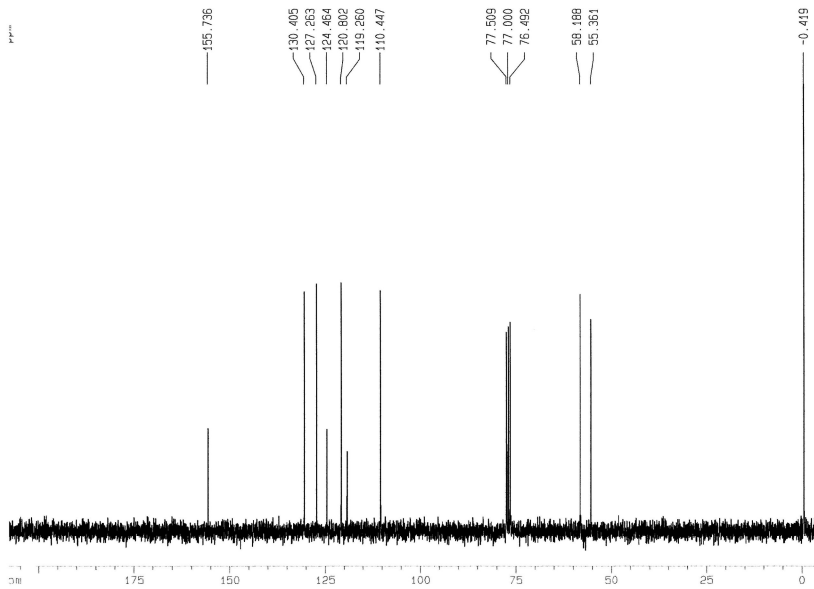
***** CHANNEL f1 *****
 NUC1 1H
 P1 11.60 usec
 PL1 -3.00 dB
 SFO1 250.1320010 MHz

F2 - Processing parameters
 SI 32768
 SF 62.8952502 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

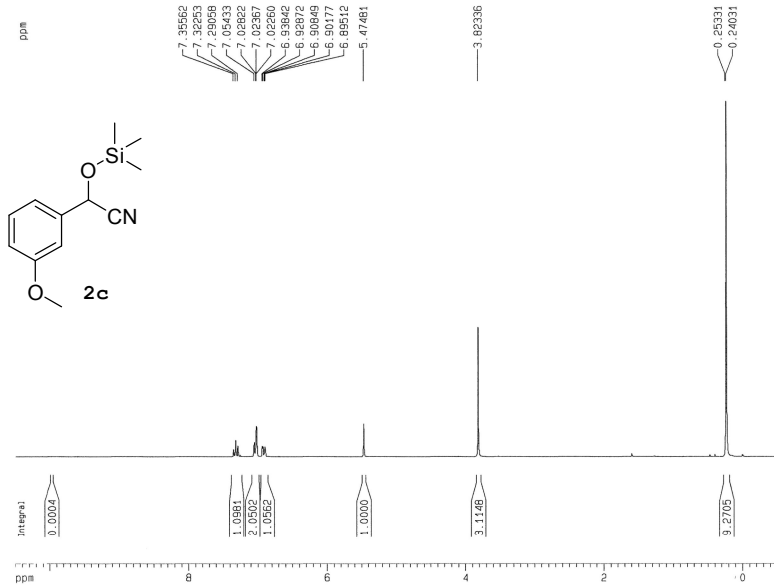
1D NMR plot parameters
 CX 20.00 cm
 CY 12.00 cm
 FIP 210.000 ppm
 F1 13208.00 Hz
 F2P -5.000 ppm
 F2 -314.48 Hz
 FWHM 10.76000 ppm/cm
 HZCM 676.12390 Hz/cm



Current Data Parameters
 NAME PBY
 EXPNO 257
 PROCNO 7
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13.17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT DMS
 NS 32
 DS 2
 SWH 18832.353 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 4782.6
 DW 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999999 sec
 MCHES1 0.0000000 sec
 MCHES2 0.0300000 sec
 ----- CHANNEL f1 -----
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.5027864 MHz
 ----- CHANNEL f2 -----
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.00 dB
 PL13 21.00 dB
 SFO2 250.1310009 MHz
 F2 - Processing parameters
 SI 32768
 SF 250.130016 MHz
 MDW 6H
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00
 ID NMR plot parameters
 CX 21.00 cm
 CY 10.00 cm
 FIP 10.700 ppm
 F1 2676.39 Hz
 F2 -5.500 ppm
 F2 -125.07 Hz
 PPMCM 0.5333 ppm/cm
 HZCM 133.4086 Hz/cm



Current Data Parameters
 NAME PBY
 EXPNO 257
 PROCNO 8
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13.17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT DMS
 NS 32
 DS 2
 SWH 18832.353 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 4782.6
 DW 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999999 sec
 MCHES1 0.0000000 sec
 MCHES2 0.0300000 sec
 ----- CHANNEL f1 -----
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.5027864 MHz
 ----- CHANNEL f2 -----
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.00 dB
 PL13 21.00 dB
 SFO2 250.1310009 MHz
 F2 - Processing parameters
 SI 32768
 SF 250.130016 MHz
 MDW 6H
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40
 ID NMR plot parameters
 CX 20.00 cm
 CY 7.00 cm
 FIP 210.000 ppm
 F1 13308.00 Hz
 F2 -5.000 ppm
 F2 -314.46 Hz
 PPMCM 10.75000 ppm/cm
 HZCM 676.12390 Hz/cm



```

Current Data Parameters
NAME          P87
EXPNO        257
PROCNO       9

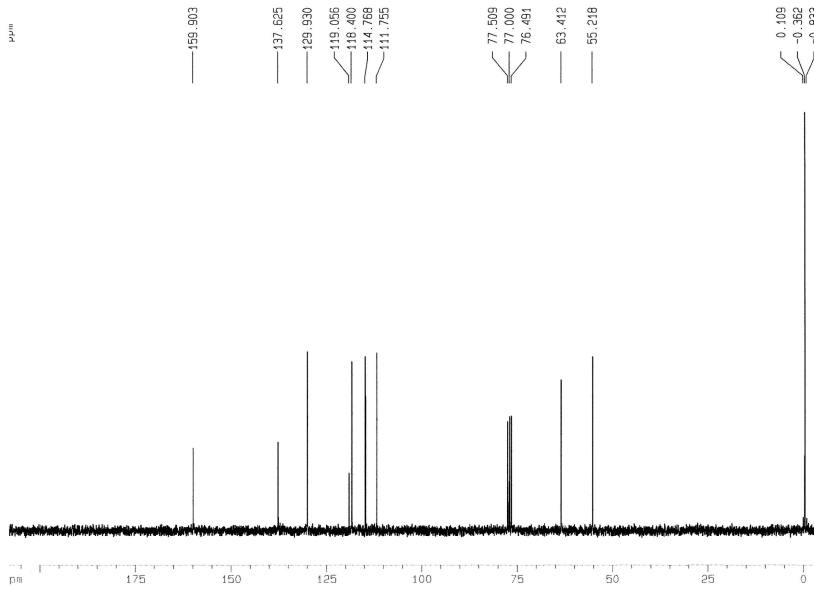
F2 - Acquisition Parameters
Date_        20081204
Time         13.17
INSTRUM      spect
PROBHD       5 mm Dual 13C/
PULPROG      zgpg30
ID           69536
SOLVENT      DMS
NS           32
DS           2
SWH          18832.393 Hz
FIDRES      0.287360 Hz
AQ          1.7400208 sec
RG          5792.6
DM          26.950 usec
DE          6.00 usec
TE           0.0 K
D1          2.0000000 sec
D11         0.0300000 sec
DELTA       1.69999998 sec
MORST       0.0000000 sec
MCWK        0.0150000 sec

***** CHANNEL f1 *****
NUC1         13C
P1           7.60 usec
PL1         -3.00 dB
SFO1        62.9027864 MHz

***** CHANNEL f2 *****
CPDPRG2     waltz16
NUC2         1H
PCPD2       100.00 usec
PL2         -3.00 dB
PL12        17.80 dB
PL13        21.00 dB
SFO2        250.1310005 MHz

F2 - Processing parameters
SI           32768
SF          250.1300019 MHz
WDW          EM
SSB          0
LB           0.30 Hz
GB           0
PC           1.00

ID NMR plot parameters
CX           21.00 cm
CY           10.00 cm
F1*         10.000 ppm
F2*         2626.36 Hz
F3*         -5.000 ppm
F4*         -125.87 Hz
PRMCH       0.52381 ppm/cm
HZCM        131.02046 Hz/cm
  
```



```

Current Data Parameters
NAME          P87
EXPNO        257
PROCNO       10

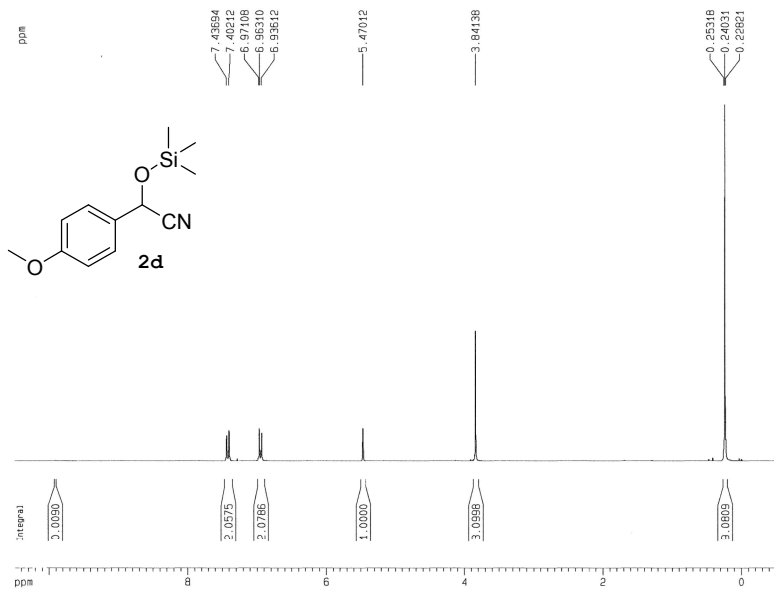
F2 - Acquisition Parameters
Date_        20081204
Time         13.17
INSTRUM      spect
PROBHD       5 mm Dual 13C/
PULPROG      zgpg30
ID           69536
SOLVENT      DMS
NS           32
DS           2
SWH          18832.393 Hz
FIDRES      0.287360 Hz
AQ          1.7400208 sec
RG          5792.6
DM          26.950 usec
DE          6.00 usec
TE           0.0 K
D1          2.0000000 sec
D11         0.0300000 sec
DELTA       1.69999998 sec
MORST       0.0000000 sec
MCWK        0.0150000 sec

***** CHANNEL f1 *****
NUC1         13C
P1           7.60 usec
PL1         -3.00 dB
SFO1        62.9027864 MHz

***** CHANNEL f2 *****
CPDPRG2     waltz16
NUC2         1H
PCPD2       100.00 usec
PL2         -3.00 dB
PL12        17.80 dB
PL13        21.00 dB
SFO2        250.1310005 MHz

F2 - Processing parameters
SI           32768
SF          62.8952481 MHz
WDW          EM
SSB          0
LB           1.00 Hz
GB           0
PC           1.40

ID NMR plot parameters
CX           20.00 cm
CY           5.00 cm
F1*         210.000 ppm
F2*         13206.00 Hz
F3*         -5.000 ppm
F4*         -314.48 Hz
PRMCH       10.36500 ppm/cm
HZCM        676.12390 Hz/cm
  
```



```

Current Data Parameters
NAME      P87
EXPNO    297
PROCNO   1

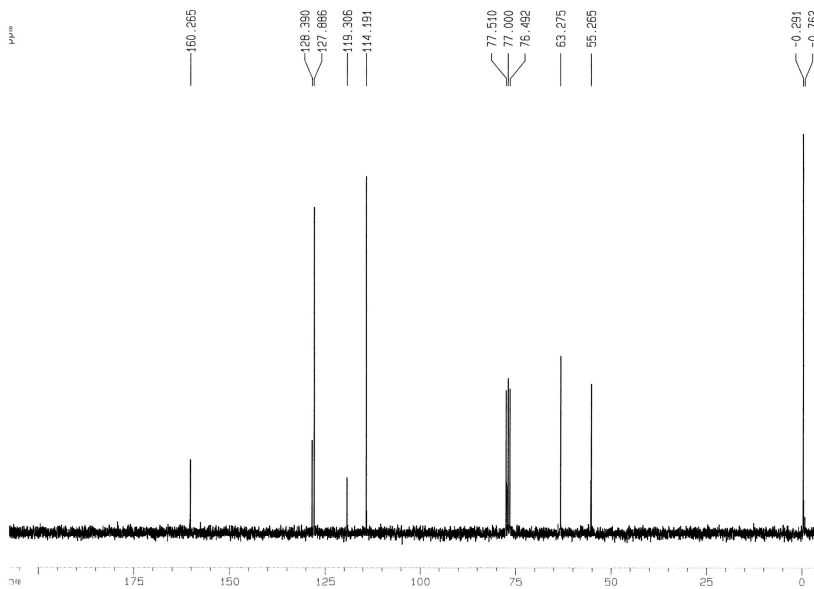
F2 - Acquisition Parameters
Date_    20081204
Time     13.17
INSTRUM  spect
PROBHD   5 mm Dual 13C/
PULPROG  zgpg30
TD        65536
SOLVENT  D2O
NS        32
DS        2
SWH       18832.393 Hz
FIDRES   0.287360 Hz
AQ        1.7400308 sec
RG        5782.6
DM        26.950 usec
DE        6.00 usec
TE        0.0 K
D1        2.0000000 sec
D11       0.0300000 sec
DELTA    1.8999998 sec
MORST    0.0000000 sec
MORPH    0.0000000 sec

***** CHANNEL f1 *****
NUC1     13C
P1       7.60 usec
PL1      -3.00 dB
SFO1     62.9027864 MHz

***** CHANNEL f2 *****
CPDPRG2  waltz16
NUC2     1H
PCPD2    100.00 usec
PL2      -3.00 dB
PL12     17.80 dB
PL13     21.00 dB
SFO2     250.1310005 MHz

F2 - Processing parameters
SI        32768
SF        250.1299544 MHz
WDW       EM
SSB       0
LB        0.30 Hz
GB        0
PC        1.00

1D NMR plot parameters
CX        20.00 cm
CY        10.00 cm
F1P       210.000 ppm
F1        2628.36 Hz
F2P       -5.000 ppm
F2        -125.07 Hz
PRNCH    0.5281 ppm/cm
RGCH     131.0000 Hz/cm
  
```



```

Current Data Parameters
NAME      P87
EXPNO    297
PROCNO   2

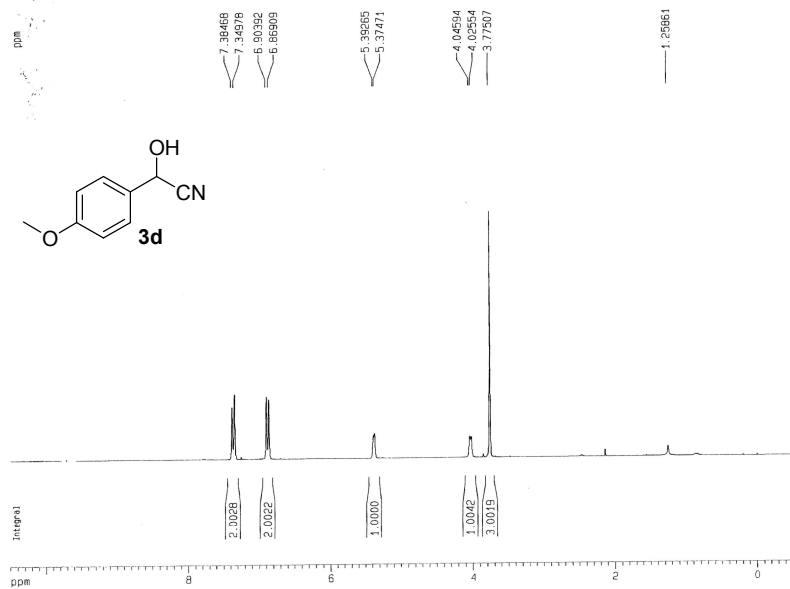
F2 - Acquisition Parameters
Date_    20081204
Time     13.17
INSTRUM  spect
PROBHD   5 mm Dual 13C/
PULPROG  zgpg30
TD        65536
SOLVENT  D2O
NS        32
DS        2
SWH       18832.393 Hz
FIDRES   0.287360 Hz
AQ        1.7400308 sec
RG        5782.6
DM        26.950 usec
DE        6.00 usec
TE        0.0 K
D1        2.0000000 sec
D11       0.0300000 sec
DELTA    1.8999998 sec
MORST    0.0000000 sec
MORPH    0.0000000 sec

***** CHANNEL f1 *****
NUC1     13C
P1       7.60 usec
PL1      -3.00 dB
SFO1     62.9027864 MHz

***** CHANNEL f2 *****
CPDPRG2  waltz16
NUC2     1H
PCPD2    100.00 usec
PL2      -3.00 dB
PL12     17.80 dB
PL13     21.00 dB
SFO2     250.1310005 MHz

F2 - Processing parameters
SI        32768
SF        250.1299544 MHz
WDW       EM
SSB       0
LB        1.00 Hz
GB        0
PC        1.40

1D NMR plot parameters
CX        20.00 cm
CY        10.00 cm
F1P       210.000 ppm
F1        13208.00 Hz
F2P       -5.000 ppm
F2        -314.46 Hz
PRNCH    10.75000 ppm/cm
RGCH     676.12390 Hz/cm
  
```



```

Current Data Parameters
NAME          PBY
EXPNO        261
PROCNO       16

F2 - Acquisition Parameters
Date_        2008122
Time         1.54
INSTRUM     spect
PROBHD      5 mm Dual 13C/
PULPROG     zg30
TD           65536
SOLVENT     CDCl3
NS           16
DS           0
SWH          4980.020 Hz
FIDRES      0.076142 Hz
AQ           6.5667572 sec
RG           30.5
DM           100.200 usec
DE           6.00 usec
TE           0.0 K
D1           1.00000000 sec
DELTA       0.89999998 sec
WDEGRT      0.00000000 rad
MCWRT       0.01500000 sec
MCMRK       0.01500000 sec
  
```

```

***** CHANNEL f1 *****
NUC1        1H
P1           11.60 usec
PL1         120.00 dB
SFO1        250.132010 MHz
  
```

```

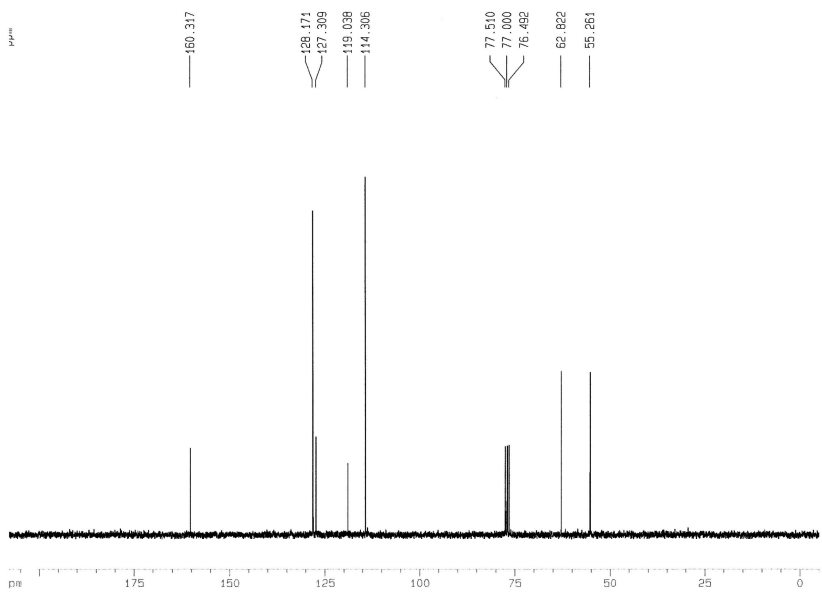
***** CHANNEL f2 *****
CPDPRG2     off
NUC2         13C
P2           100.00 usec
PL2          120.00 dB
PL12         120.00 dB
PL13         120.00 dB
SFO2        250.1315447 MHz
  
```

```

F2 - Processing parameters
SI           32768
SF          250.132010 MHz
WDW          EM
SSB           0
LB           0.30 Hz
GB           0
PC           1.00
  
```

```

1D NMR plot parameters
CX           20.00 cm
CY           7.00 cm
FIDP         10.500 ppm
F1           2626.38 Hz
F2P          -0.500 ppm
F2           -125.07 Hz
SFOCM        0.52381 ppm/cm
HZCM         131.02048 Hz/cm
  
```



```

Current Data Parameters
NAME          PBY
EXPNO        261
PROCNO       17
  
```

```

F2 - Acquisition Parameters
Date_        20081204
Time         12.55
INSTRUM     spect
PROBHD      5 mm Dual 13C/
PULPROG     zg30
TD           65536
SOLVENT     CDCl3
NS           12
DS           0
SWH          4980.020 Hz
FIDRES      0.076142 Hz
AQ           6.5667572 sec
RG           161.3
DM           100.200 usec
DE           6.00 usec
TE           0.0 K
D1           1.00000000 sec
MCWRT       0.00000000 sec
MCMRK       0.01500000 sec
  
```

```

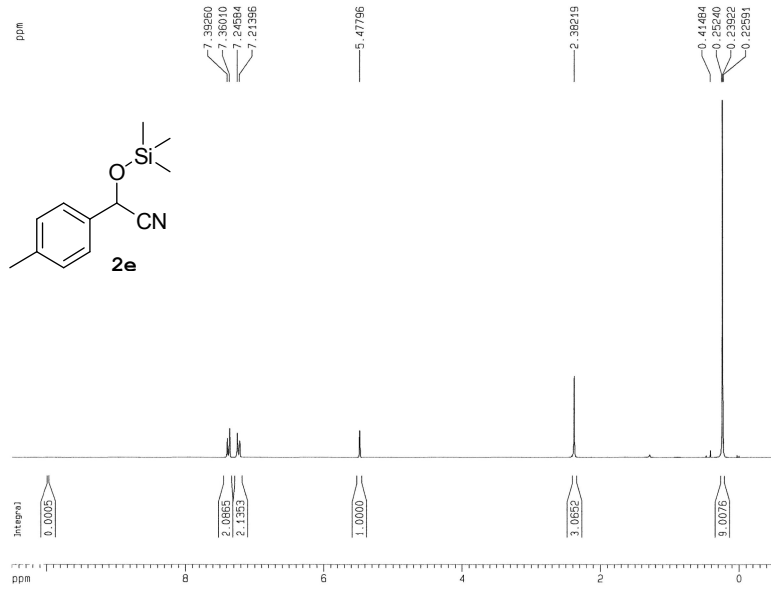
***** CHANNEL f1 *****
NUC1        1H
P1           11.60 usec
PL1         -3.00 dB
SFO1        250.132010 MHz
  
```

```

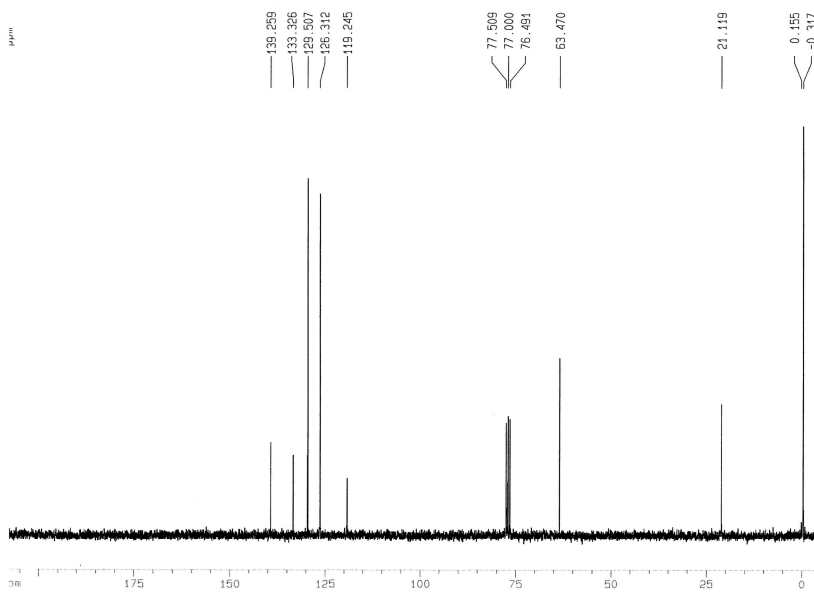
F2 - Processing parameters
SI           32768
SF          62.8952650 MHz
WDW          EM
SSB           0
LB           1.00 Hz
GB           0
PC           1.40
  
```

```

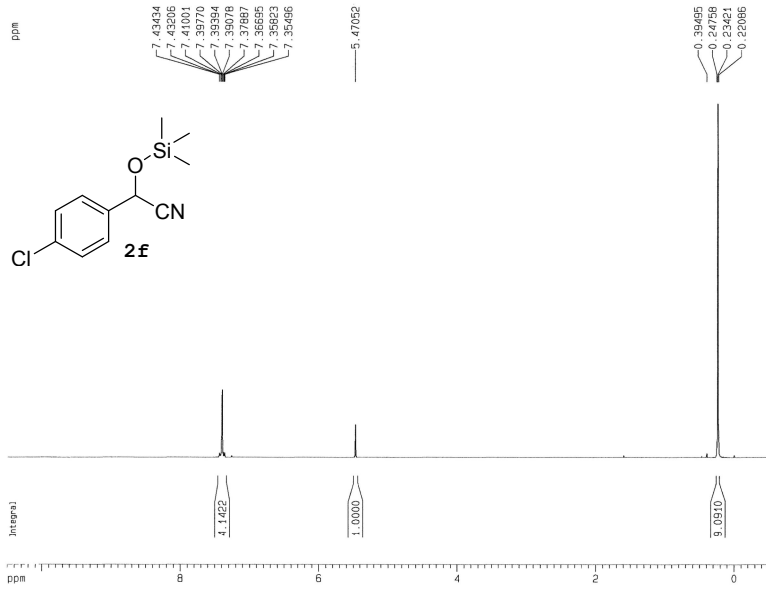
1D NMR plot parameters
CX           20.00 cm
CY           10.00 cm
FIDP         210.000 ppm
F1           13208.00 Hz
F2P          -5.000 ppm
F2           -314.48 Hz
SFOCM        10.75000 ppm/cm
HZCM         676.12390 Hz/cm
  
```



Current Data Parameters
 NAME PBY
 EXPNO 257
 PROCNO 3
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13.17
 INSTRUM spect
 PROBNM 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT D2O
 NS 32
 DS 2
 SWH 18832.393 Hz
 FIDRES 0.287369 Hz
 AQ 1.7403308 sec
 RG 5782.6
 DW 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999998 sec
 NCREST 0.0000000 sec
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SF01 62.8027864 MHz
 ***** CHANNEL f2 *****
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SF02 250.1310005 MHz
 F2 - Processing parameters
 SI 32768
 SF 250.1300014 MHz
 KW EM
 SFO 0
 LB 0.30 Hz
 GB 0
 PC 1.00
 1D NMR plot parameters
 CX 21.00 cm
 CY 10.00 cm
 FWH 10.500 usec
 F1 2626.36 Hz
 FWH -5.500 ppm
 F2 -121.07 Hz
 PRNCH 0.52381 ppm/cm
 RDCM 131.02048 Hz/cm



Current Data Parameters
 NAME PBY
 EXPNO 257
 PROCNO 4
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13.17
 INSTRUM spect
 PROBNM 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT D2O
 NS 32
 DS 2
 SWH 18832.393 Hz
 FIDRES 0.287369 Hz
 AQ 1.7403308 sec
 RG 5782.6
 DW 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999998 sec
 NCREST 0.0000000 sec
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SF01 62.8027864 MHz
 ***** CHANNEL f2 *****
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SF02 250.1310005 MHz
 F2 - Processing parameters
 SI 32768
 SF 250.1299986 MHz
 KW EM
 SFO 0
 LB 1.00 Hz
 GB 0
 PC 1.40
 1D NMR plot parameters
 CX 20.00 cm
 CY 10.00 cm
 FWH 210.000 ppm
 F1 13208.00 Hz
 FWH -5.000 ppm
 F2 -314.48 Hz
 PRNCH 10.75000 ppm/cm
 RDCM 876.12290 Hz/cm



```

Current Data Parameters
NAME      PBY
EXPNO    257
PROCNO   47

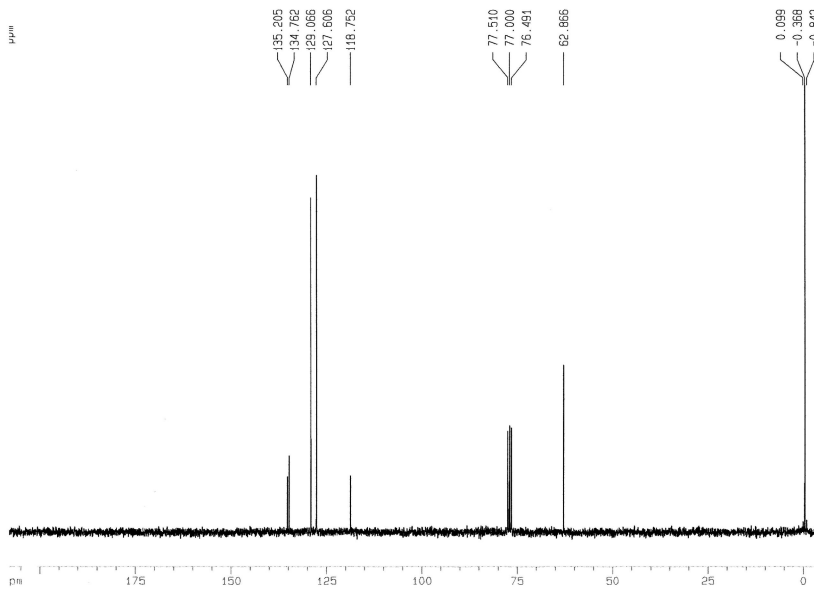
F2 - Acquisition Parameters
Date_     20081204
Time      13.17
INSTRUM  spect
PROBHD    5 mm Dual 13C/
PULPROG  zgpg30
TD         65536
SOLVENT   D2O
NS         32
DS         2
SWMH      18832.393 Hz
FIDRES    0.287360 Hz
AQ         1.7400308 sec
RG         5782.6
DM         26.950 usec
DE         6.00 usec
TE         0.0 K
D1         2.0000000 sec
D11        0.0300000 sec
DELTA     1.8999998 sec
NDREST    0.0000000 sec
MKR       0.0150000 sec

***** CHANNEL f1 *****
NUC1       13C
P1         7.60 usec
PL1        -3.00 dB
SFO1       62.9027864 MHz

***** CHANNEL f2 *****
CPDPRG2   waltz16
NUC2       1H
P2         100.00 usec
PL2        -3.00 dB
PL12       17.00 dB
PL13       21.00 dB
SFO2       250.1310005 MHz

F2 - Processing parameters
SI         32768
SF         250.1300003 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00

1D NMR plot parameters
CX         21.00 cm
CY         10.00 cm
FAP        10.500 usec
F1         2626.36 Hz
FAP        -0.500 ppm
F2         -120.07 Hz
PRNCH     0.52381 ppm/cm
H2CH      131.02048 Hz/cm
  
```



```

Current Data Parameters
NAME      PBY
EXPNO    257
PROCNO   48

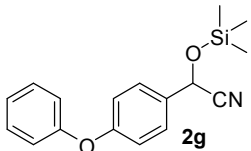
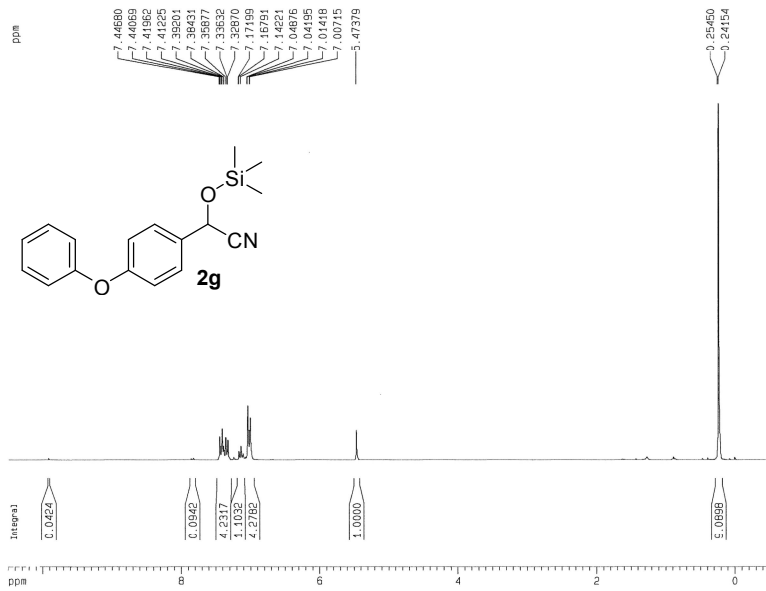
F2 - Acquisition Parameters
Date_     20081204
Time      13.17
INSTRUM  spect
PROBHD    5 mm Dual 13C/
PULPROG  zgpg30
TD         65536
SOLVENT   D2O
NS         32
DS         2
SWMH      18832.393 Hz
FIDRES    0.287360 Hz
AQ         1.7400308 sec
RG         5782.6
DM         26.950 usec
DE         6.00 usec
TE         0.0 K
D1         2.0000000 sec
D11        0.0300000 sec
DELTA     1.8999998 sec
NDREST    0.0000000 sec
MKR       0.0150000 sec

***** CHANNEL f1 *****
NUC1       13C
P1         7.60 usec
PL1        -3.00 dB
SFO1       62.9027864 MHz

***** CHANNEL f2 *****
CPDPRG2   waltz16
NUC2       1H
P2         100.00 usec
PL2        -3.00 dB
PL12       17.00 dB
PL13       21.00 dB
SFO2       250.1310005 MHz

F2 - Processing parameters
SI         32768
SF         62.9027864 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         1.40

1D NMR plot parameters
CX         20.00 cm
CY         10.00 cm
FAP        210.000 ppm
F1         13208.00 Hz
FAP        -5.000 ppm
F2         -314.48 Hz
PRNCH     10.75000 ppm/cm
H2CH      876.12390 Hz/cm
  
```



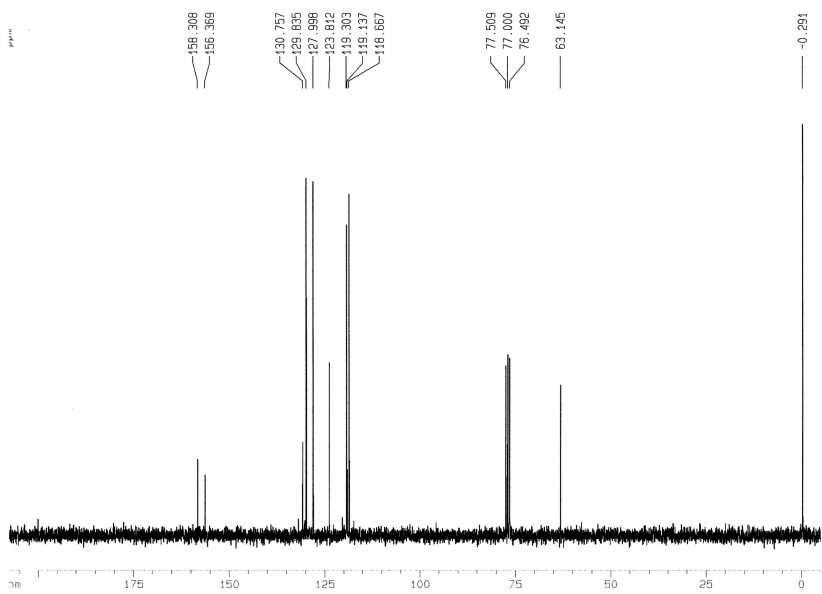
Current Data Parameters
 NAME P87
 EXPNO 257
 PROCNO 35
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13:17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT DMS
 NS 32
 DS 2
 SWH 18832.393 Hz
 FIDRES 0.207360 Hz
 AQ 1.7400308 sec
 RG 5782.6
 DK 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999998 sec
 NCREST 0.0000000 sec
 NMRK 0.0100000 sec

----- CHANNEL f1 -----
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027864 MHz

----- CHANNEL f2 -----
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310009 MHz

F2 - Processing parameters
 SI 32768
 SF 250.1300000 MHz
 MD 64
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 CY 10.00 cm
 CZ 10.00000 ppm
 F1 2626.36 Hz
 F2 -5.000 ppm
 F3 -14.48 Hz
 PRNCH 0.52381 ppm/cm
 RZCH 131.02048 Hz/cm



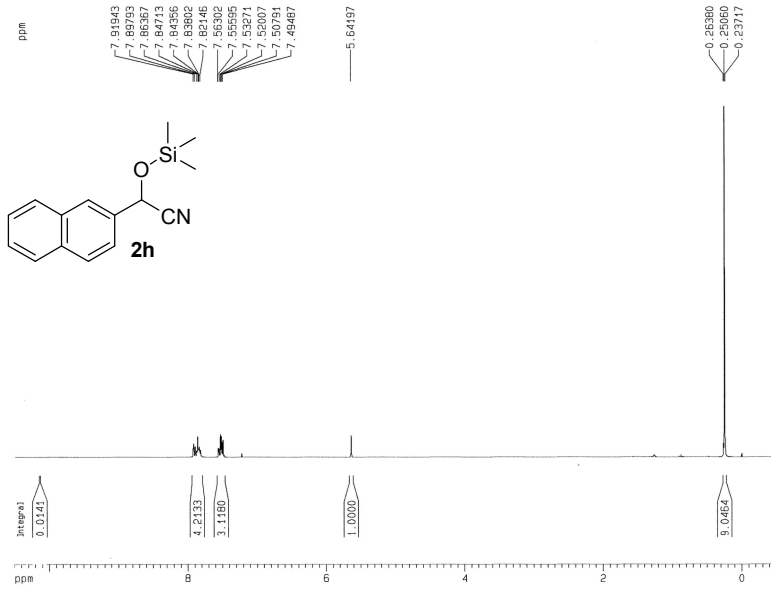
Current Data Parameters
 NAME P87
 EXPNO 257
 PROCNO 36
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13:17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT DMS
 NS 32
 DS 2
 SWH 18832.393 Hz
 FIDRES 0.207360 Hz
 AQ 1.7400308 sec
 RG 5782.6
 DK 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999998 sec
 NCREST 0.0000000 sec
 NMRK 0.0100000 sec

----- CHANNEL f1 -----
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027864 MHz

----- CHANNEL f2 -----
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310009 MHz

F2 - Processing parameters
 SI 32768
 SF 250.1300000 MHz
 MD 64
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 CY 10.00 cm
 CZ 116.00000 ppm
 F1 13206.00 Hz
 F2 -5.000 ppm
 F3 -314.48 Hz
 PRNCH 10.75000 ppm/cm
 RZCH 676.12290 Hz/cm



```

Current Data Parameters
NAME          PB1
EXPNO        257
PROCNO       17

F2 - Acquisition Parameters
Date_        20081204
Time         13.17
INSTRUM      spect
PROBHD       5 mm Dual 13C/
PULPROG      zgpg30
TD            65536
SOLVENT      DMS
NS            32
DS            2
SWH           18832.353 Hz
FIDRES       0.287360 Hz
AQ            1.7400308 sec
RG            9782.6
DM            26.550 usec
DE            6.00 usec
TE            0.0 K
D1            2.0000000 sec
D11           0.0300000 sec
DELTA        1.8999999 sec
MORREST       0.0000000 sec
RGMR         0.0150000 sec

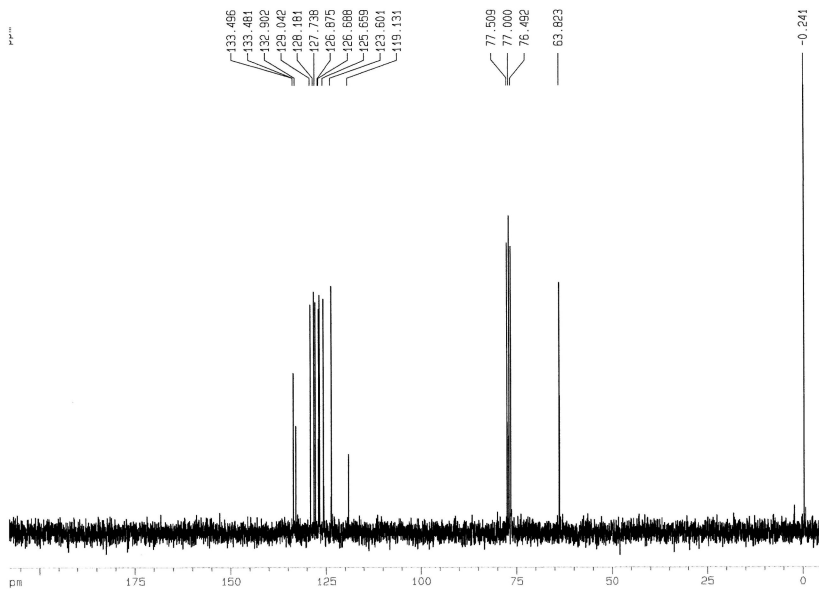
----- CHANNEL f1 -----
NUC1          13C
P1            7.60 usec
PL1           -3.00 dB
SFO1         62.5027864 MHz

----- CHANNEL f2 -----
CPDPRG2      waltz16
NUC2          1H
PCPD2        100.00 usec
PL2           -3.00 dB
PL12         17.80 dB
PL13         21.00 dB
SFO2         250.1310000 MHz

F2 - Processing parameters
SI            32768
SF            260.1300000 MHz
WDW           EM
SSB            0
LB            0.30 Hz
GB            0
PC            1.00

1D NMR plot parameters
CX            21.00 cm
CY            10.00 cm
FIDF          10.0000000 mm
F1            2608.36 Hz
F2            -5.5000000 Hz
F3            -125.07 Hz
PRNCH        0.52381 ppm/cm
HZCM        131.00000 Hz/cm

```



```

Current Data Parameters
NAME          PB1
EXPNO        257
PROCNO       18

F2 - Acquisition Parameters
Date_        20081204
Time         13.17
INSTRUM      spect
PROBHD       5 mm Dual 13C/
PULPROG      zgpg30
TD            65536
SOLVENT      DMS
NS            32
DS            2
SWH           18832.353 Hz
FIDRES       0.287360 Hz
AQ            1.7400308 sec
RG            9782.6
DM            26.550 usec
DE            6.00 usec
TE            0.0 K
D1            2.0000000 sec
D11           0.0300000 sec
DELTA        1.8999999 sec
MORREST       0.0000000 sec
RGMR         0.0150000 sec

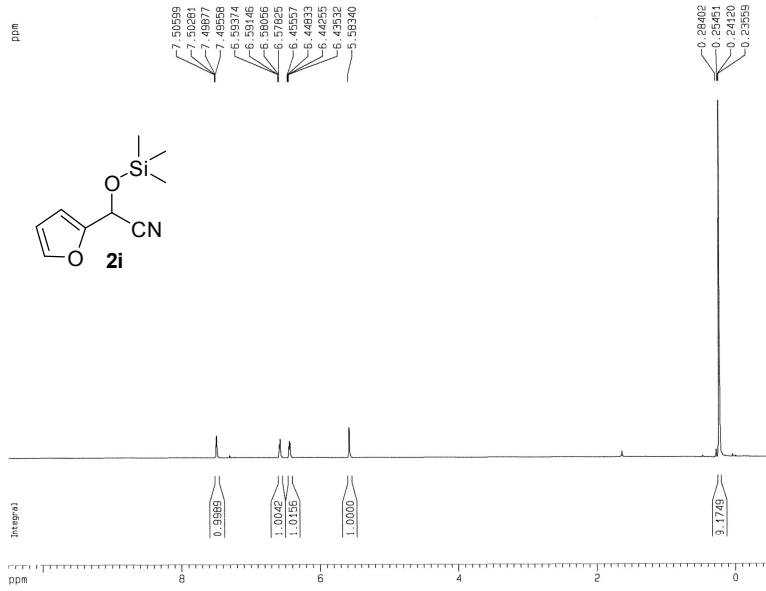
----- CHANNEL f1 -----
NUC1          13C
P1            7.60 usec
PL1           -3.00 dB
SFO1         62.5027864 MHz

----- CHANNEL f2 -----
CPDPRG2      waltz16
NUC2          1H
PCPD2        100.00 usec
PL2           -3.00 dB
PL12         17.80 dB
PL13         21.00 dB
SFO2         250.1310000 MHz

F2 - Processing parameters
SI            32768
SF            62.5027864 MHz
WDW           EM
SSB            0
LB            1.00 Hz
GB            0
PC            1.40

1D NMR plot parameters
CX            20.00 cm
CY            7.00 cm
FIDF          210.0000000 mm
F1            13308.00 Hz
F2            -5.0000000 Hz
F3            -314.48 Hz
PRNCH        10.70000 ppm/cm
HZCM        676.16390 Hz/cm

```



```

Current Data Parameters
NAME      PBY
EXPNO    257
PROCNO   21

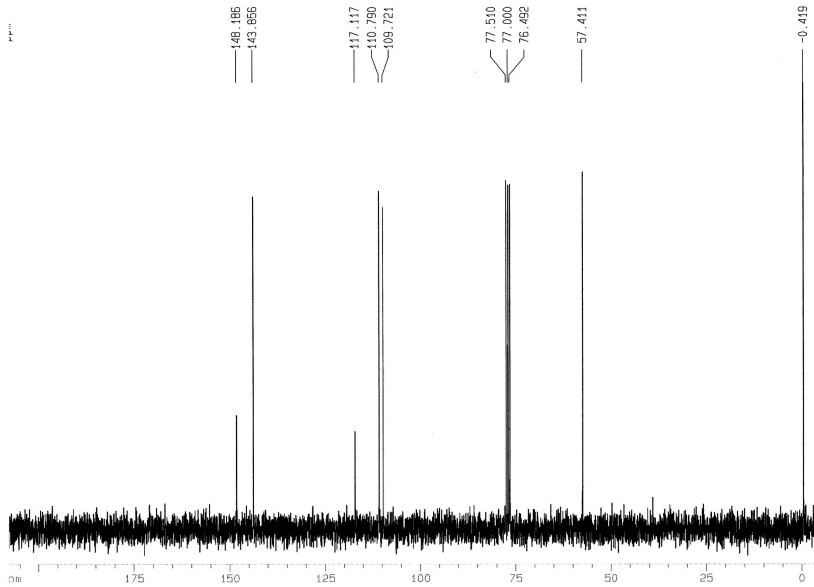
F2 - Acquisition Parameters
Date_    20081204
Time     13.17
INSTRUM  spect
PROBHD   5 mm Dual 13C/
PULPROG  zgpg30
TD        65536
SOLVENT  DMS
NS        32
DS        2
SWH       18832.393 Hz
FIDRES    0.267360 Hz
AQ        1.7400308 sec
RG         5782.6
DM        26.950 usec
DE         6.00 usec
TE         0.0 K
D1         2.0000000 sec
D11        0.0300000 sec
DELTA     1.8999998 sec
NOREST    0.0000000 sec
NORM      0.0200000 sec

----- CHANNEL f1 -----
NUC1      13C
P1         7.60 usec
PL1        -3.00 dB
SFO1      62.9027864 MHz

----- CHANNEL f2 -----
CPDPRG2  waltz16
NUC2       1H
PCPD2     100.00 usec
PL2        -3.00 dB
PL12       17.80 dB
PL13       21.00 dB
SFO2      250.1310005 MHz

F2 - Processing parameters
SI         32768
SF         250.1298895 MHz
WDW        EM
SSB         0
LB          0.30 Hz
GB          0
PC          1.00

ID NMR plot parameters
CX         21.00 cm
CY         10.00 cm
F1         10.800 ppm
F2         2626.36 Hz
F3         -5.000 ppm
F4         -125.07 Hz
PUNCH     0.52381 ppm/cm
HDCX     131.00048 Hz/cm
  
```



```

Current Data Parameters
NAME      PBY
EXPNO    257
PROCNO   22

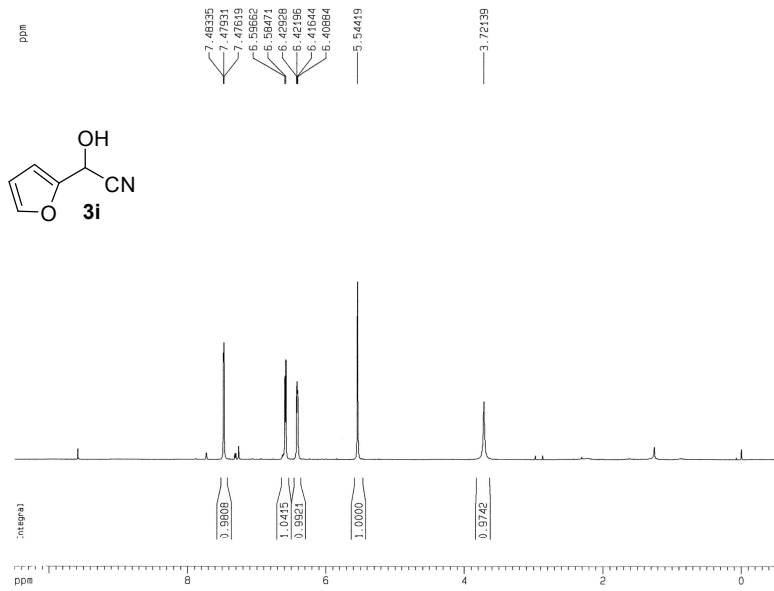
F2 - Acquisition Parameters
Date_    20081204
Time     13.17
INSTRUM  spect
PROBHD   5 mm Dual 13C/
PULPROG  zgpg30
TD        65536
SOLVENT  DMS
NS        32
DS        2
SWH       18832.393 Hz
FIDRES    0.807350 Hz
AQ        1.7400308 sec
RG         5782.6
DM        26.950 usec
DE         6.00 usec
TE         0.0 K
D1         2.0000000 sec
D11        0.0300000 sec
DELTA     1.8999998 sec
NOREST    0.0000000 sec
NORM      0.0200000 sec

----- CHANNEL f1 -----
NUC1      13C
P1         7.60 usec
PL1        -3.00 dB
SFO1      62.9027864 MHz

----- CHANNEL f2 -----
CPDPRG2  waltz16
NUC2       1H
PCPD2     100.00 usec
PL2        -3.00 dB
PL12       17.80 dB
PL13       21.00 dB
SFO2      250.1310005 MHz

F2 - Processing parameters
SI         32768
SF         62.8962422 MHz
WDW        EM
SSB         0
LB          1.00 Hz
GB          0
PC          1.40

ID NMR plot parameters
CX         20.00 cm
CY         10.00 cm
F1         210.000 ppm
F2         13308.00 Hz
F3         -5.000 ppm
F4         -314.48 Hz
PUNCH     10.75000 ppm/cm
HDCX     676.12384 Hz/cm
  
```

```

Current Data Parameters
NAME          PBT
EXPNO        261
PROCNO       23

F2 - Acquisition Parameters
Date_        20081204
Time         23.11
INSTRUM     spect
PROBHD      5 mm Dual 13C/
PULPROG     zgpg30
TD           65536
SOLVENT     CDCl3
NS           16
DS           2
SWH          18832.393 Hz
FIDRES      0.287360 Hz
AQ           1.7400308 sec
RG           5782.6
DM           26.550 usec
DE           6.00 usec
TE           0.0 K
D1           2.0000000 sec
D11          0.0300000 sec
DELTA       1.8999998 sec
NOREST      0.0000000 sec
NAME        0.0150000 sec

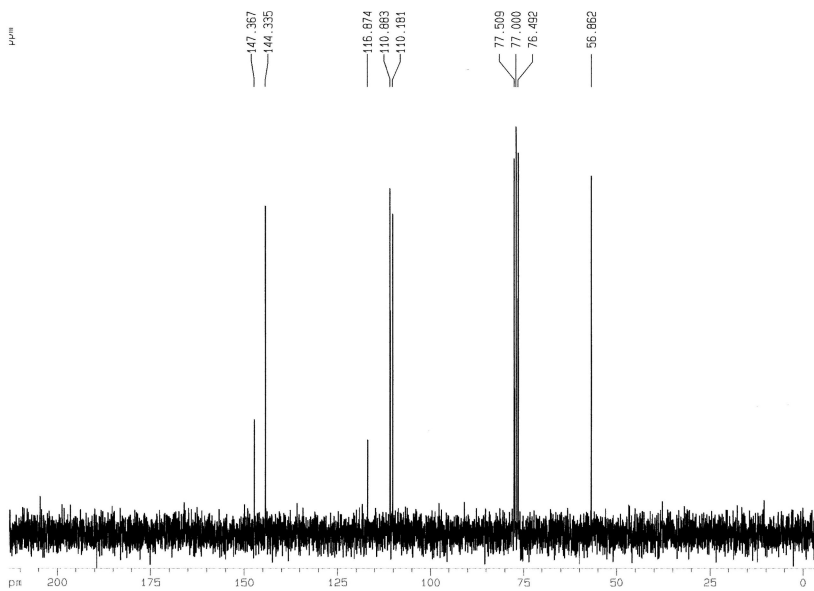
***** CHANNEL f1 *****
NUC1         13C
P1           7.60 usec
PL1          -3.00 dB
SFO1         62.9027864 MHz

***** CHANNEL f2 *****
CPDPRG2     waltz16
NUC2         1H
PCPD2        100.00 usec
PL2          -3.00 dB
PL12         17.80 dB
PL13         21.00 dB
SFO2         250.1310005 MHz

F2 - Processing parameters
SI           32768
SF           260.1300007 MHz
WDW          EM
SSB          0
LB           0.30 Hz
GB           0
PC           1.00

ID NMR plot parameters
CX           21.00 cm
CY           5.00 cm
FIDP         10.000 usec
F1           2628.36 Hz
F2           -4.500 ppm
F3           -126.07 Hz
RFCHM        0.52381 ppm/cm
RDCM         131.00048 Hz/cm

```



```

Current Data Parameters
NAME          PBT
EXPNO        261
PROCNO       24

F2 - Acquisition Parameters
Date_        20081204
Time         23.11
INSTRUM     spect
PROBHD      5 mm Dual 13C/
PULPROG     zgpg30
TD           65536
SOLVENT     CDCl3
NS           16
DS           2
SWH          18832.393 Hz
FIDRES      0.287360 Hz
AQ           1.7400308 sec
RG           5782.6
DM           26.550 usec
DE           6.00 usec
TE           0.0 K
D1           2.0000000 sec
D11          0.0300000 sec
DELTA       1.8999998 sec
NOREST      0.0000000 sec
NAME        0.0150000 sec

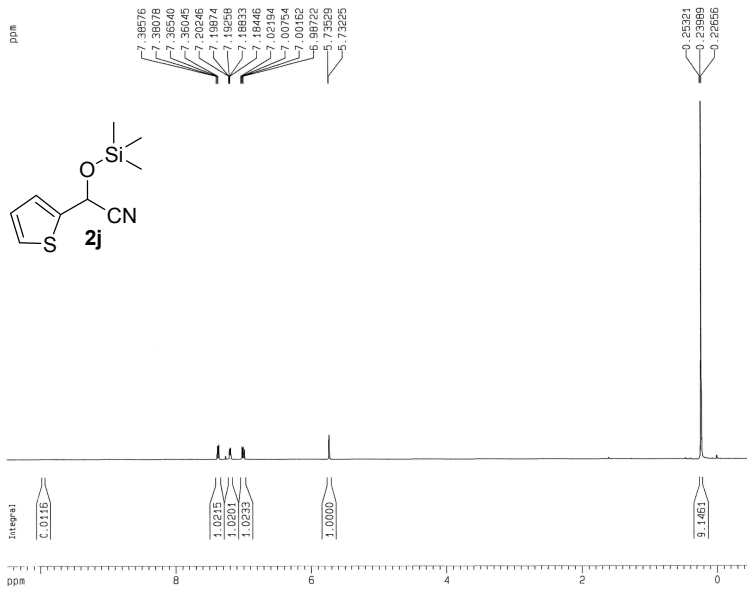
***** CHANNEL f1 *****
NUC1         13C
P1           7.60 usec
PL1          -3.00 dB
SFO1         62.9027864 MHz

***** CHANNEL f2 *****
CPDPRG2     waltz16
NUC2         1H
PCPD2        100.00 usec
PL2          -3.00 dB
PL12         17.80 dB
PL13         21.00 dB
SFO2         250.1310005 MHz

F2 - Processing parameters
SI           32768
SF           62.8952434 MHz
WDW          EM
SSB          0
LB           1.00 Hz
GB           0
PC           1.40

ID NMR plot parameters
CX           20.00 cm
CY           10.00 cm
FIDP         219.000 ppm
F1           13823.48 Hz
F2           -6.000 ppm
F3           -314.47 Hz
RFCHM        11.00000 ppm/cm
RDCM         681.84768 Hz/cm

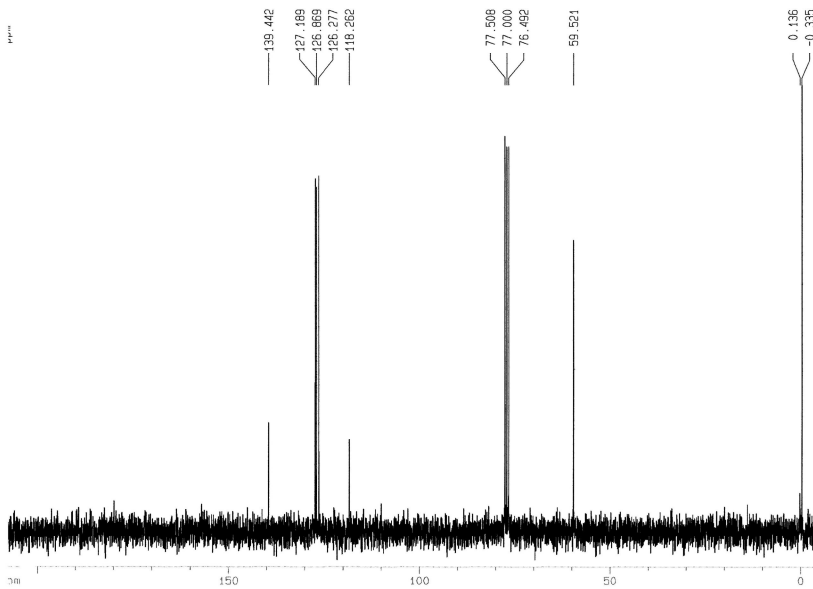
```



Current Data Parameters
 NAME PBY
 EXPNO 257
 PROCNO 39
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13.17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT D2O
 NS 32
 DS 2
 SWH 18832.393 Hz
 FIDNCS 0.207360 Hz
 AQ 1.7400308 sec
 SE 5782.6
 DM 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999999 sec
 NCREST 0.0000000 sec
 NMRK 0.0100000 sec

***** CHANNEL f1 *****
 NUC1 13C
 P1 7.50 usec
 PL1 -3.00 dB
 SFO1 62.8027864 MHz
 ***** CHANNEL f2 *****
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.85 dB
 PL13 21.00 dB
 SFO2 250.1310005 MHz

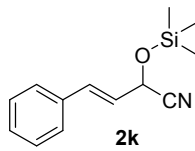
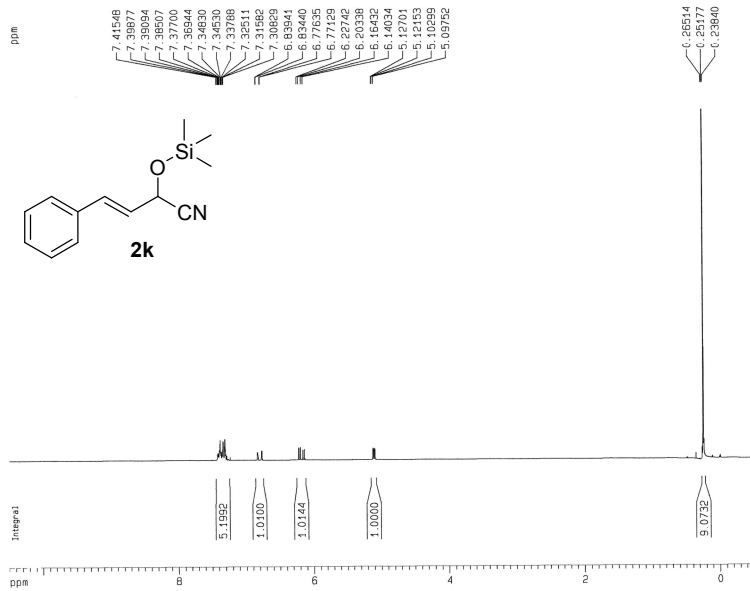
F2 - Processing parameters
 SI 32768
 SF 260.1306008 MHz
 MDK EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00
 ID NMR plot parameters
 CX 21.00 cm
 CY 10.00 cm
 F1 10.000 pps
 F2 2626.36 Hz
 F3 -5.000 pps
 F4 -125.07 Hz
 F5 0.52381 pps/cm
 F6 -314.48 Hz/cm
 F7 131.02648 Hz/cm



Current Data Parameters
 NAME PBY
 EXPNO 257
 PROCNO 40
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13.17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT D2O
 NS 32
 DS 2
 SWH 18832.393 Hz
 FIDNCS 0.207360 Hz
 AQ 1.7400308 sec
 SE 5782.6
 DM 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999999 sec
 NCREST 0.0000000 sec
 NMRK 0.0100000 sec

***** CHANNEL f1 *****
 NUC1 13C
 P1 7.50 usec
 PL1 -3.00 dB
 SFO1 62.8027864 MHz
 ***** CHANNEL f2 *****
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.85 dB
 PL13 21.00 dB
 SFO2 250.1310005 MHz

F2 - Processing parameters
 SI 32768
 SF 62.8082431 MHz
 MDK EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40
 ID NMR plot parameters
 CX 20.00 cm
 CY 10.00 cm
 F1 210.000 pps
 F2 13206.00 Hz
 F3 -5.000 pps
 F4 -314.48 Hz
 F5 10.75000 pps/cm
 F6 676.12390 Hz/cm



Current Data Parameters
 NAME PBT
 EXPNO 257
 PROCNO 49

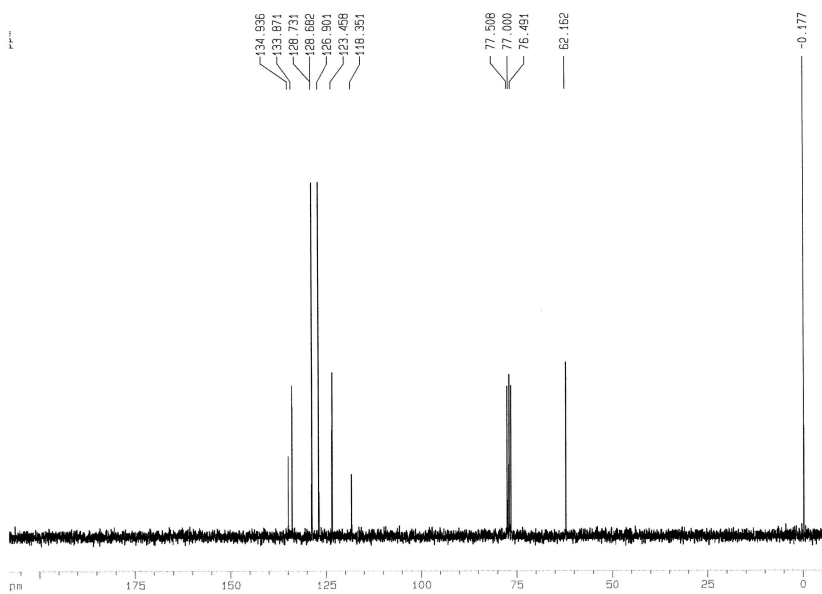
F2 - Acquisition Parameters
 Date_ 20081204
 Time 13.17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 ID 65536
 SOLVENT D2O
 NS 32
 DS 2
 SWH 18832.383 Hz
 FIDRES 0.287960 Hz
 AQ 1.7400308 sec
 RG 5782.6
 DW 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999998 sec
 WDSPT 0.0000000 sec
 NDCMR 0.0150000 sec

----- CHANNEL f1 -----
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027864 MHz

----- CHANNEL f2 -----
 NUC2 1H
 PCPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310005 MHz

F2 - Processing parameters
 SI 32768
 SF 250.1330084 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 CY 10.00 cm
 F1 2600.36 Hz
 F2 -0.500 ppm
 F2 125.071 Hz
 PPHC 0.62381 ppm/cm
 HZCN 131.00848 Hz/cm



Current Data Parameters
 NAME PBT
 EXPNO 257
 PROCNO 50

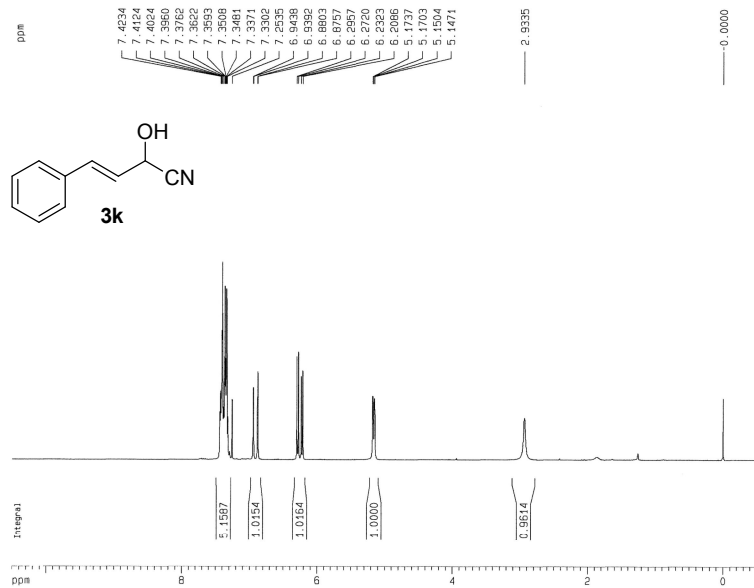
F2 - Acquisition Parameters
 Date_ 20081204
 Time 13.17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 ID 65536
 SOLVENT D2O
 NS 32
 DS 2
 SWH 18832.383 Hz
 FIDRES 0.287960 Hz
 AQ 1.7400308 sec
 RG 5782.6
 DW 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999998 sec
 WDSPT 0.0000000 sec
 NDCMR 0.0150000 sec

----- CHANNEL f1 -----
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027864 MHz

----- CHANNEL f2 -----
 NUC2 1H
 PCPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310005 MHz

F2 - Processing parameters
 SI 32768
 SF 62.8952451 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 CY 10.00 cm
 F1 260.000000 MHz
 F2 13008.00 Hz
 F2 -8.000 ppm
 F2 -314.48 Hz
 PPHC 10.75000 ppm/cm
 HZCN 676.12390 Hz/cm



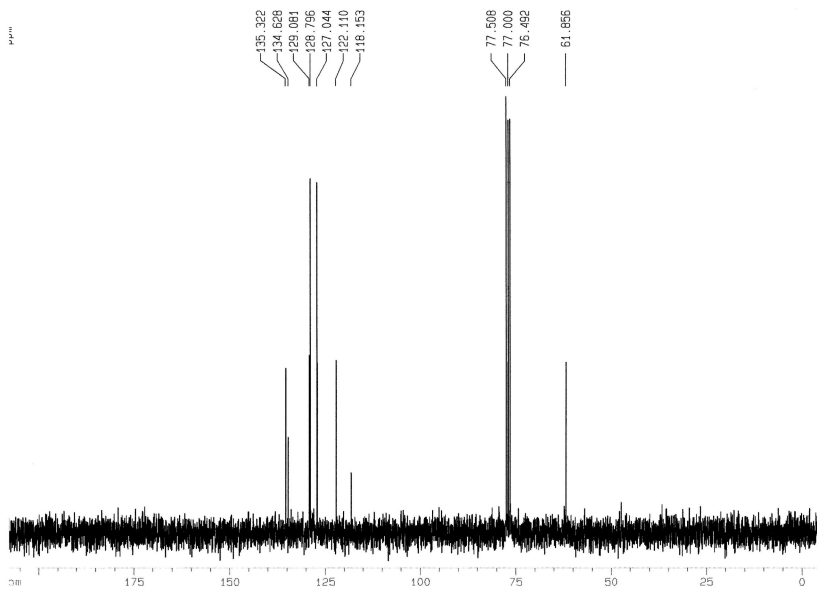
Current Data Parameters
 NAME PBV
 EXPNO 261
 PROCNO 9

F2 - Acquisition Parameters
 Date_ 20081204
 Time 12.55
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zg30
 ID 65536
 SOLVENT CDCl3
 NS 12
 DS 0
 SWH 4990.020 Hz
 FIDRES 0.076142 Hz
 AQ 6.5867572 sec
 RG 161.3
 DW 100.200 usec
 DE 6.00 usec
 TE 0.0 K
 D1 1.0000000 sec
 MCREST 0.0000000 sec
 MCWK 0.01500000 sec

***** CHANNEL f1 *****
 NUC1 1H
 P1 11.60 usec
 PL1 -3.00 dB
 SFO1 250.1320010 MHz

F2 - Processing parameters
 SI 32768
 SF 250.1300026 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 CY 3.00 cm
 F1P 10.500 ppm
 F1 2626.36 Hz
 F2P -5.000 ppm
 F2 -126.07 Hz
 PPMCH 0.52381 ppm
 HZCM 131.02048 Hz/cm



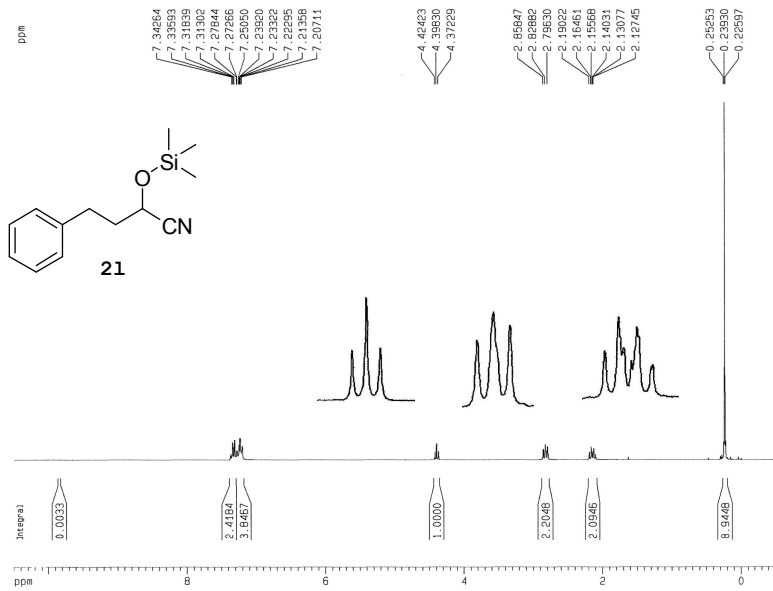
Current Data Parameters
 NAME PBV
 EXPNO 261
 PROCNO 10

F2 - Acquisition Parameters
 Date_ 20081204
 Time 12.55
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zg30
 ID 65536
 SOLVENT CDCl3
 NS 12
 DS 0
 SWH 4990.020 Hz
 FIDRES 0.076142 Hz
 AQ 6.5867572 sec
 RG 161.3
 DW 100.200 usec
 DE 6.00 usec
 TE 0.0 K
 D1 1.0000000 sec
 MCREST 0.0000000 sec
 MCWK 0.01500000 sec

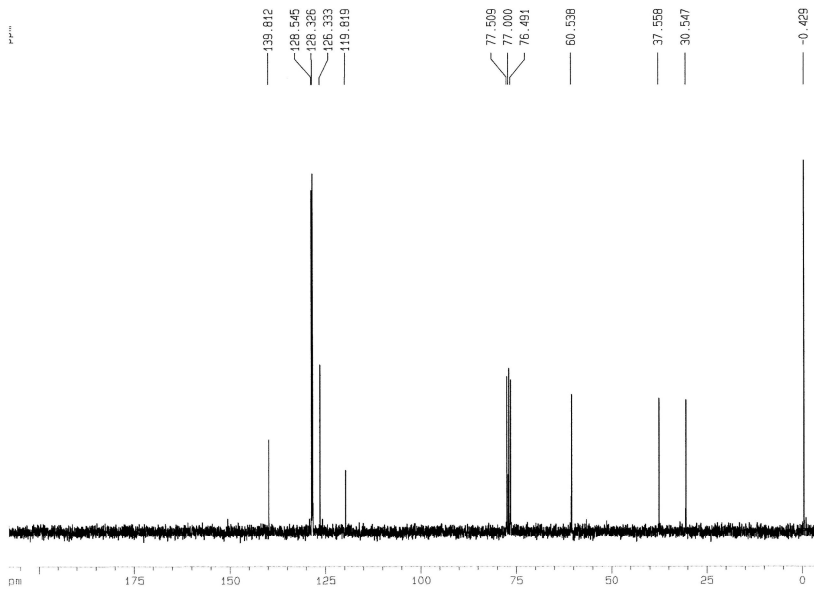
***** CHANNEL f1 *****
 NUC1 13C
 P1 11.60 usec
 PL1 -3.00 dB
 SFO1 250.1320010 MHz

F2 - Processing parameters
 SI 32768
 SF 62.8952426 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

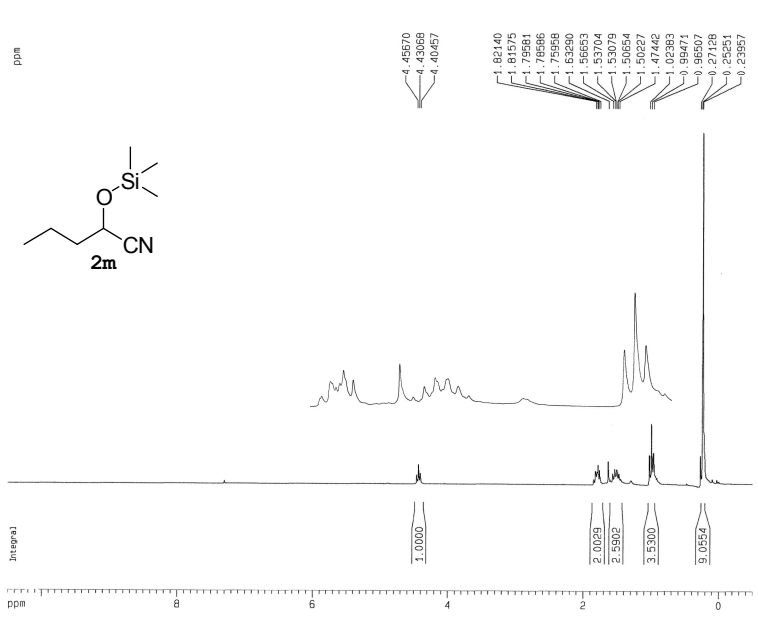
1D NMR plot parameters
 CX 20.00 cm
 CY 10.00 cm
 F1P 210.000 ppm
 F1 13208.00 Hz
 F2P -5.000 ppm
 F2 -314.48 Hz
 PPMCH 10.75000 ppm/cm
 HZCM 676.12384 Hz/cm



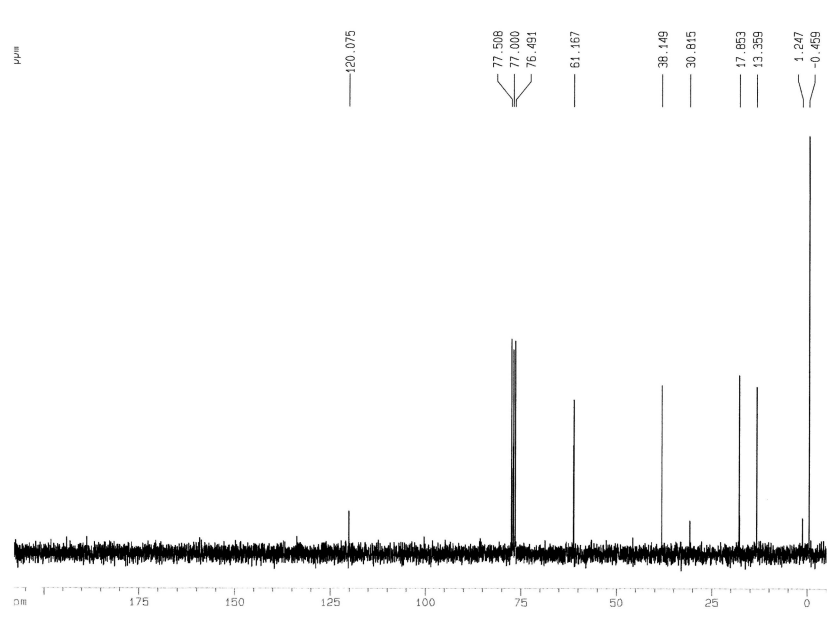
Current Data Parameters
 NAME PBY
 EXPNO 257
 PROCNO 43
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13.17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT dms
 NS 32
 DS 2
 SWH 18832.353 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 5782.6
 DW 26.590 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999999 sec
 MCHRES 0.0000000 sec
 MCHW 0.0190000 sec
 ----- CHANNEL f1 -----
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027864 MHz
 ----- CHANNEL f2 -----
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.00 dB
 PL13 21.00 dB
 SFO2 250.1310009 MHz
 F2 - Processing parameters
 SI 32768
 SF 250.1300000 MHz
 MDW 6H
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00
 ID NMR plot parameters
 CX 21.00 cm
 CY 10.00 cm
 FIP 10.000 ppm
 F1 2626.36 Hz
 F2 -15.000 ppm
 F2 -125.07 Hz
 PPMCH 0.52981 ppm/cm
 HZCM 131.02048 Hz/cm



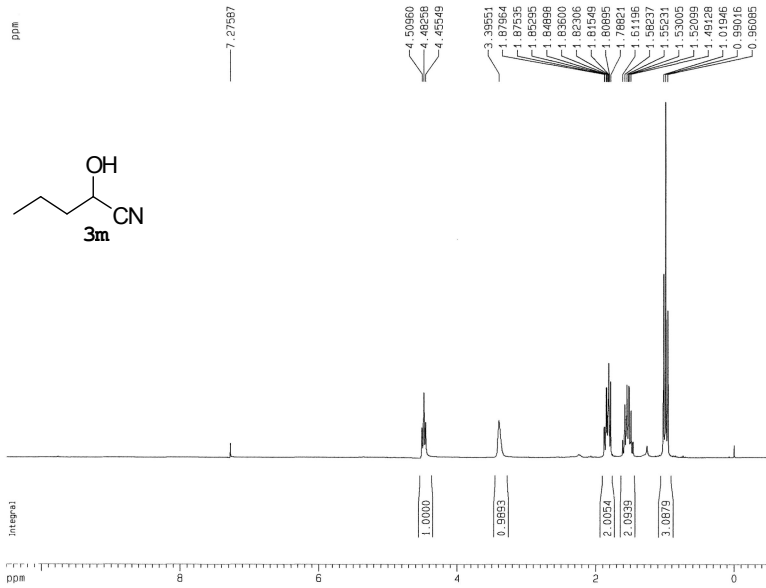
Current Data Parameters
 NAME PBY
 EXPNO 257
 PROCNO 44
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13.17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT dms
 NS 32
 DS 2
 SWH 18832.353 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 5782.6
 DW 26.590 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999999 sec
 MCHRES 0.0000000 sec
 MCHW 0.0190000 sec
 ----- CHANNEL f1 -----
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027864 MHz
 ----- CHANNEL f2 -----
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.00 dB
 PL13 21.00 dB
 SFO2 250.1310009 MHz
 F2 - Processing parameters
 SI 32768
 SF 250.1300000 MHz
 MDW 6H
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40
 ID NMR plot parameters
 CX 20.00 cm
 CY 10.00 cm
 FIP 210.000 ppm
 F1 13206.00 Hz
 F2 -15.000 ppm
 F2 -314.48 Hz
 PPMCH 10.75000 ppm/cm
 HZCM 676.12390 Hz/cm



Current Data Parameters
 NAME PBY
 EXPNO 257
 PROCNO 31
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13.17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT D2O
 NS 32
 DS 2
 SWH 18832.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 5782.6
 DM 28.950 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999998 sec
 MCREST 0.0000000 sec
 MCWRR 0.0150000 sec
 ***** CHANNEL f1 *****
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.8027864 MHz
 ***** CHANNEL f2 *****
 CPDPRG2 waltz16
 NUC2 1H
 P2PRG2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310005 MHz
 F2 - Processing parameters
 SI 32768
 SF 250.1310005 MHz
 MDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00
 1D NMR plot parameters
 CX 20.00 cm
 CY 5.00 cm
 F1P 210.000 ppm
 F1 13008.00 Hz
 F2P -141.48 Hz
 F2 -0.500 ppm
 PRMCH 0.52381 ppm/cm
 HZCM 131.02048 Hz/cm



Current Data Parameters
 NAME PBY
 EXPNO 257
 PROCNO 32
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13.17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT D2O
 NS 32
 DS 2
 SWH 18832.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 5782.6
 DM 28.950 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999998 sec
 MCREST 0.0000000 sec
 MCWRR 0.0150000 sec
 ***** CHANNEL f1 *****
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.8027864 MHz
 ***** CHANNEL f2 *****
 CPDPRG2 waltz16
 NUC2 1H
 P2PRG2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310005 MHz
 F2 - Processing parameters
 SI 32768
 SF 250.1310005 MHz
 MDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40
 1D NMR plot parameters
 CX 20.00 cm
 CY 5.00 cm
 F1P 210.000 ppm
 F1 13008.00 Hz
 F2P -141.48 Hz
 F2 -0.500 ppm
 PRMCH 0.52381 ppm/cm
 HZCM 676.12384 Hz/cm



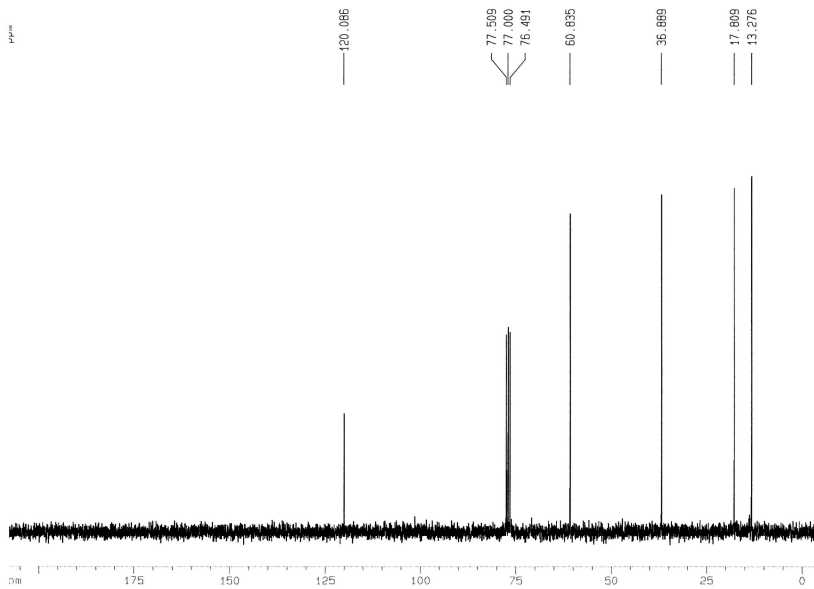
Current Data Parameters
 NAME PBY
 EXPNO 261
 PROCNO 12

F2 - Acquisition Parameters
 Date_ 20081204
 Time 12.55
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG 2930
 TD 65536
 SOLVENT CDC13
 NS 12
 DS 0
 SWH 4990.020 Hz
 FIDRES 0.076142 Hz
 AQ 6.5667572 sec
 RG 161.3
 DM 100.200 usec
 DE 6.00 usec
 TE 0.0 K
 D1 1.00000000 sec
 MCREST 0.00000000 sec
 MCWRR 0.01500000 sec

***** CHANNEL f1 *****
 NUC1 1H
 P1 11.60 usec
 PL1 -3.00 dB
 SFO1 250.1320010 MHz

F2 - Processing parameters
 SI 32768
 SF 250.1299970 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 21.00 cm
 CY 10.00 cm
 F1P 10.500 ppm
 F1 2626.35 Hz
 F2P -0.500 ppm
 F2 -125.07 Hz
 PRMCM 0.52381 ppm
 HZCM 131.0048 Hz/



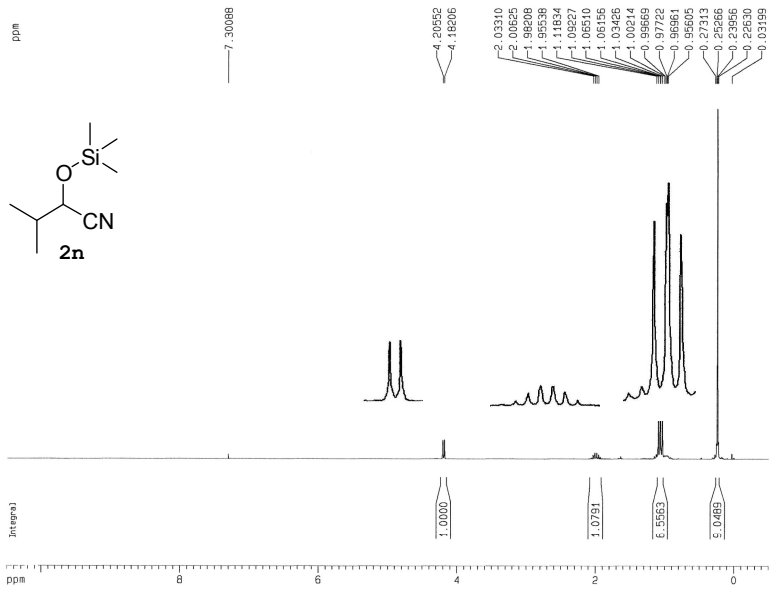
Current Data Parameters
 NAME PBY
 EXPNO 261
 PROCNO 6

F2 - Acquisition Parameters
 Date_ 20081204
 Time 12.55
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG 2930
 TD 65536
 SOLVENT CDC13
 NS 12
 DS 0
 SWH 4990.020 Hz
 FIDRES 0.076142 Hz
 AQ 6.5667572 sec
 RG 161.3
 DM 100.200 usec
 DE 6.00 usec
 TE 0.0 K
 D1 1.00000000 sec
 MCREST 0.00000000 sec
 MCWRR 0.01500000 sec

***** CHANNEL f1 *****
 NUC1 13C
 P1 11.60 usec
 PL1 -3.00 dB
 SFO1 250.1320010 MHz

F2 - Processing parameters
 SI 32768
 SF 62.8952440 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 CY 10.00 cm
 F1P 210.000 ppm
 F1 13268.00 Hz
 F2P -5.000 ppm
 F2 314.48 Hz
 PRMCM 10.75000 ppm/cm
 HZCM 676.12390 Hz/cm



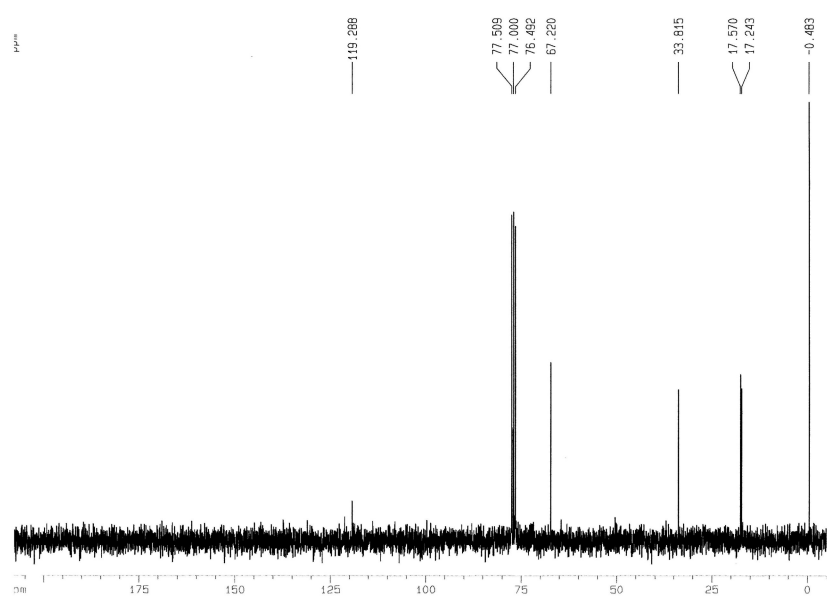
Current Data Parameters
 NAME PBY
 EXPNO 257
 PROCNO 41
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13:17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT DMS
 NS 32
 DS 2
 SWH 18832.393 Hz
 F1FREQS 0.287360 MHz
 AQ 1.7400308 sec
 RG 5782.6
 DK 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999998 sec
 NCREST 0.0000000 sec
 NMRK 0.0150000 sec

----- CHANNEL f1 -----
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027864 MHz

----- CHANNEL f2 -----
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310005 MHz

F2 - Processing parameters
 SI 32768
 SF 250.1309999 MHz
 MD 64
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

ID NMR plot parameters
 CX 20.00 cm
 CY 5.00 cm
 FID 210.000 ppm
 F1 13206.00 Hz
 F2 -5.000 ppm
 PPMCH -314.46 Hz
 HZCH 131.02048 Hz/cm



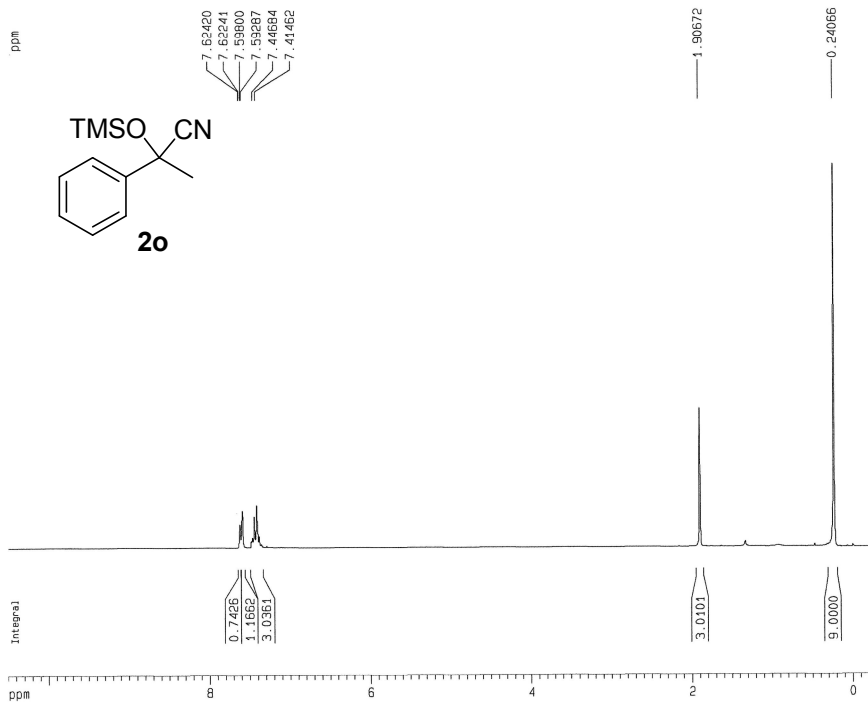
Current Data Parameters
 NAME PBY
 EXPNO 257
 PROCNO 42
 F2 - Acquisition Parameters
 Date_ 20081204
 Time 13:17
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT DMS
 NS 32
 DS 2
 SWH 18832.393 Hz
 F1FREQS 0.287360 MHz
 AQ 1.7400308 sec
 RG 5782.6
 DK 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 DELTA 1.8999998 sec
 NCREST 0.0000000 sec
 NMRK 0.0150000 sec

----- CHANNEL f1 -----
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027864 MHz

----- CHANNEL f2 -----
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310005 MHz

F2 - Processing parameters
 SI 32768
 SF 250.1309999 MHz
 MD 64
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

ID NMR plot parameters
 CX 20.00 cm
 CY 5.00 cm
 FID 210.000 ppm
 F1 13206.00 Hz
 F2 -5.000 ppm
 PPMCH -314.46 Hz
 HZCH 676.12384 Hz/cm



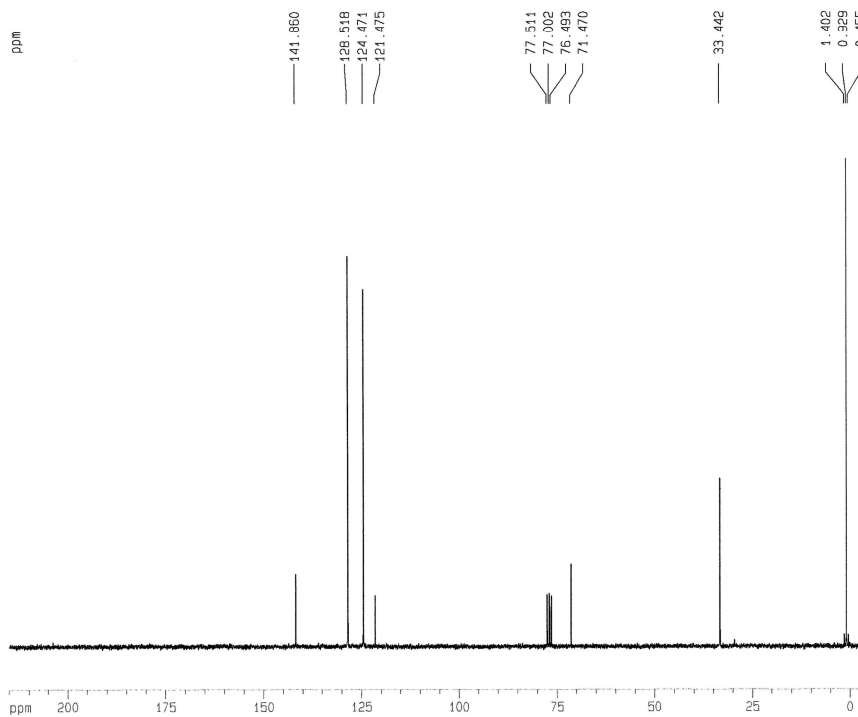
Current Data Parameters
 NAME RKY
 EXPNO 595
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20061222
 Time 20.31
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 4990.020 Hz
 FIDRES 0.076142 Hz
 AQ 6.5667072 sec
 RG 35.9
 DM 100.200 usec
 DE 6.00 usec
 TE 0.0 K
 D1 1.00000000 sec
 MCHEST 0.00000000 sec
 MCWRK 0.01500000 sec

----- CHANNEL f1 -----
 NUC1 1H
 P1 11.60 usec
 PL1 -3.00 dB
 SFO1 250.1320010 MHz

F2 - Processing parameters
 SI 32768
 SF 250.1299833 MHz
 NDN EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 21.00 cm
 CY 9.00 cm
 F1P 10.500 ppm
 F1 2626.36 Hz
 F2P -0.250 ppm
 F2 -62.53 Hz
 PPMCM 0.51190 ppm
 HZCM 128.04274 Hz/



Current Data Parameters
 NAME RKY
 EXPNO 596
 PROCNO 1

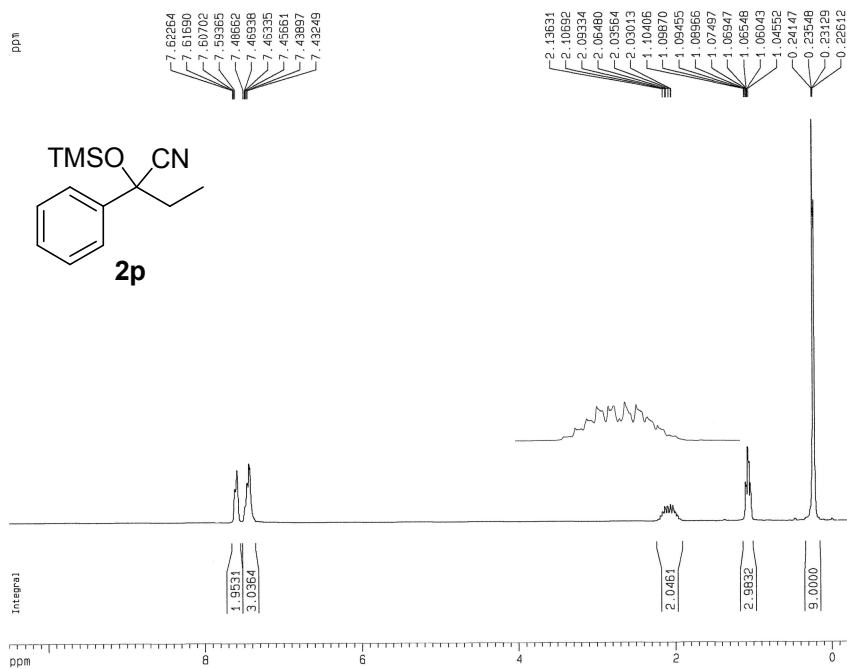
F2 - Acquisition Parameters
 Date_ 20061222
 Time 20.38
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 44
 DS 2
 SWH 18832.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.740308 sec
 RG 5160.6
 DM 26.950 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 DELTA 1.89999998 sec
 MCHEST 0.00000000 sec
 MCWRK 0.01500000 sec

----- CHANNEL f1 -----
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027864 MHz

----- CHANNEL f2 -----
 CPDPRG2 melt116
 NUC2 1H
 PRG2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310009 MHz

F2 - Processing parameters
 SI 32768
 SF 62.8956486 MHz
 NDN EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 CY 9.00 cm
 F1P 215.000 ppm
 F1 13522.48 Hz
 F2P -3.000 ppm
 F2 -314.47 Hz
 PPMCM 11.00000 ppm/cm
 HZCM 691.84772 Hz/cm



Current Data Parameters

NAME RKY
EXPNO 601
PROCNO 1

F2 - Acquisition Parameters

Date_ 20081223
Time 13.40
INSTRUM spect
PROBHD 5 mm Dual 13C/
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 16
DS 0
SWH 4990.020 Hz
FIDRES 0.076142 Hz
AQ 6.5667272 sec
RG 25.4
DW 100.200 usec
DE 6.00 usec
TE 0.0 K
D1 1.00000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec

***** CHANNEL f1 *****

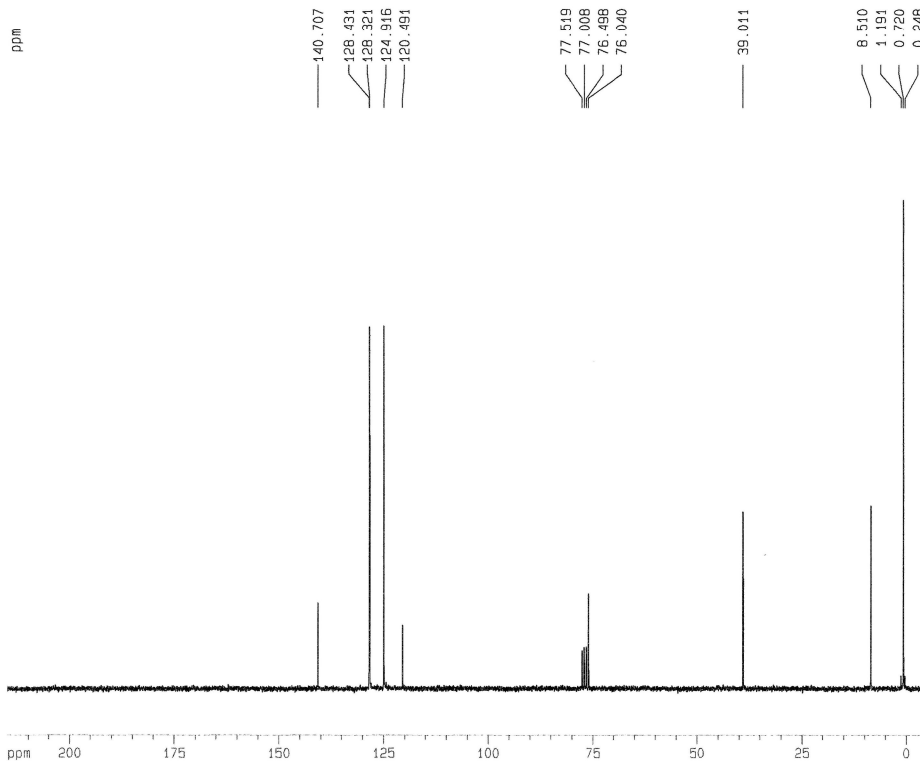
NUC1 1H
P1 11.60 usec
PL1 -3.00 dB
SFO1 250.1320010 MHz

F2 - Processing parameters

SI 32768
SF 250.1299827 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters

CX 21.00 cm
CY 10.00 cm
FIP 10.500 ppm
F1 2626.36 Hz
F2 -0.250 ppm
F2 -62.53 Hz
PPMCM 0.51190 ppm
HZCM 128.04274 Hz/



Current Data Parameters

NAME RKY
EXPNO 602
PROCNO 1

F2 - Acquisition Parameters

Date_ 20081223
Time 13.46
INSTRUM spect
PROBHD 5 mm Dual 13C/
PULPROG zgpg30
TD 65536
SOLVENT D2O
NS 36
DS 2
SWH 18832.393 Hz
FIDRES 0.287360 Hz
AQ 1.7400308 sec
RG 5732.5
DW 26.550 usec
DE 6.00 usec
TE 0.0 K
D1 2.00000000 sec
D11 0.03000000 sec
DELTA 1.89959998 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec

***** CHANNEL f1 *****

NUC1 13C
P1 7.60 usec
PL1 -3.00 dB
SFO1 62.9027864 MHz

***** CHANNEL f2 *****

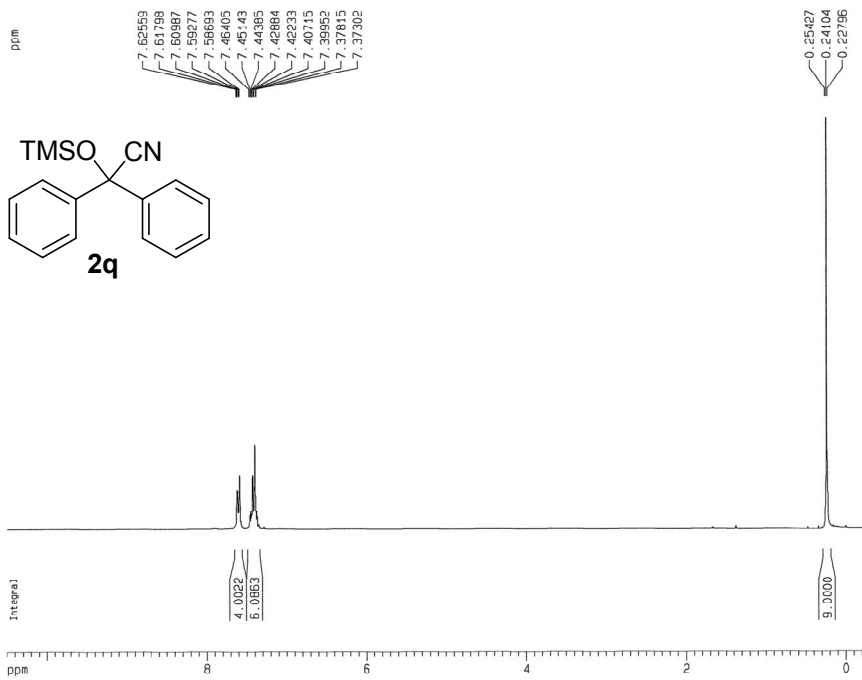
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -3.00 dB
PL12 17.00 dB
PL13 21.00 dB
SFO2 250.1310005 MHz

F2 - Processing parameters

SI 32768
SF 62.8952515 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters

CX 20.00 cm
CY 8.00 cm
FIP 215.000 ppm
F1 13522.48 Hz
F2 -5.000 ppm
F2 -314.47 Hz
PPMCM 11.00000 ppm/cm
HZCM 691.84778 hz/cm



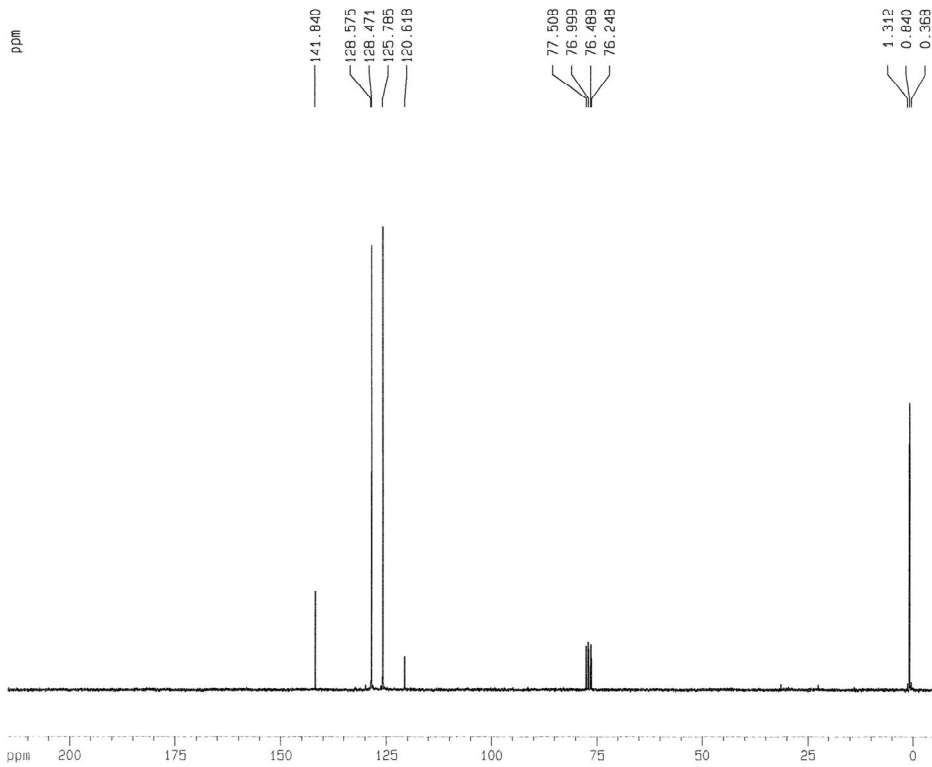
Current Data Parameters
 NAME RKY
 EXPNO 600
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20081222
 Time 21.00
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 4990.020 Hz
 FIDRES 0.076142 Hz
 AQ 6.5667572 sec
 RG 45.3
 DN 100.200 use
 DE 6.00 use
 TE 0.0 K
 D1 1.00000000 sec
 MCREST 0.00000000 sec
 MCWRR 0.01500000 sec

***** CHANNEL f1 *****
 NUC1 1H
 P1 11.60 use
 PL1 -3.00 dB
 SFO1 250.1320010 MHz

F2 - Processing parameters
 SI 32768
 SF 250.1299947 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 21.00 cm
 CY 10.00 cm
 FIP 10.500 ppm
 F1 2626.30 Hz
 F2 -2.250 ppm
 F2 -62.53 Hz
 PPMCM 0.51190 ppm
 HZCM 128.04274 Hz/



Current Data Parameters
 NAME RKY
 EXPNO 591
 PROCNO 1

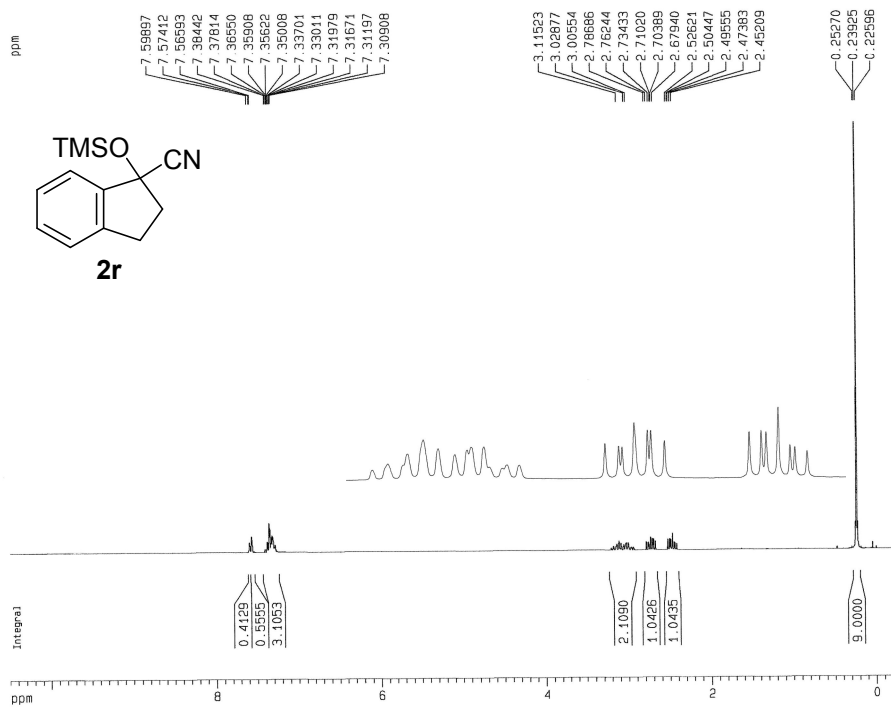
F2 - Acquisition Parameters
 Date_ 20081222
 Time 10.30
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 85
 DS 2
 SWH 18832.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 5792.6
 DN 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 DELTA 1.89999998 sec
 MCREST 0.00000000 sec
 MCWRR 0.01500000 sec

***** CHANNEL f1 *****
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027864 MHz

***** CHANNEL f2 *****
 CPDPRG2 waltz16
 NUC2 1H
 PCPDC 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310005 MHz

F2 - Processing parameters
 SI 32768
 SF 62.8952504 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 CY 10.00 cm
 FIP 215.000 ppm
 F1 13522.48 Hz
 F2 -5.000 ppm
 F2 -314.47 Hz
 PPMCM 11.00000 ppm/cm
 HZCM 691.84778 Hz/cm

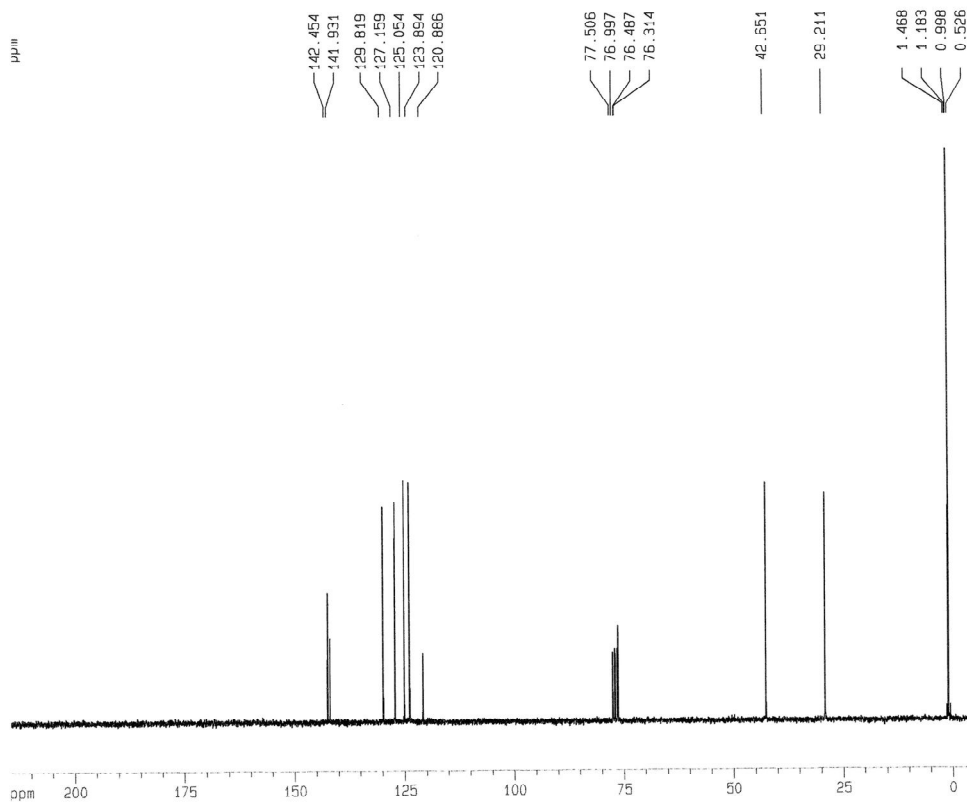


Current Data Parameters
 NAME RKY
 EXPNO 584
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20081219
 Time 20.02
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 4990.020 Hz
 FIDRES 0.076142 Hz
 AQ 6.5667572 sec
 RG 45.3
 DN 100.200 use
 DE 6.00 use
 TE 0.0 K
 CH 1.00000000 sec
 MCREST 0.00000000 sec
 MCNRK 0.01500000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 11.60 use
 PL1 -3.00 dB
 SFO1 250.1320010 MHz
 F2 - Processing parameters
 SI 32768
 SF 250.1299985 MHz
 MDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 21.00 cm
 CY 10.00 cm
 F1P 10.500 ppm
 F1 2626.36 Hz
 F2P -0.250 ppm
 F2 -62.53 Hz
 PPMCH 0.51190 ppm
 HZCM 128.04274 Hz/



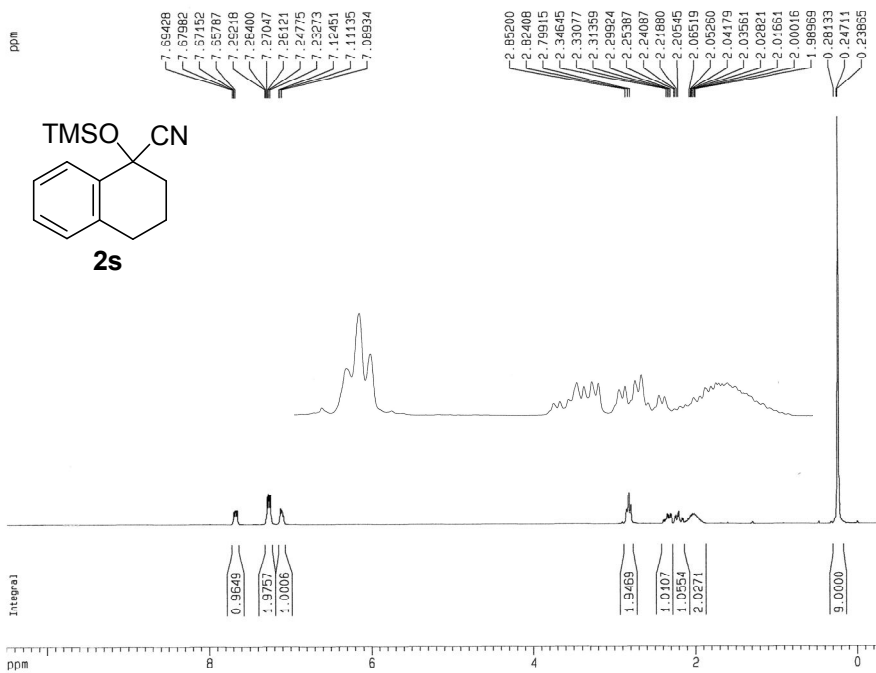
Current Data Parameters
 NAME RKY
 EXPNO 585
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20081219
 Time 20.10
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 55
 DS 2
 SWH 18932.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 5792.6
 DN 26.950 usec
 DE 6.00 usec
 TE 0.0 K
 CH 2.00000000 sec
 CH1 0.03000000 sec
 DELTA 1.89999998 sec
 MCHESI 0.00000000 sec
 MCNRK 0.01500000 sec

===== CHANNEL f1 =====
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027884 MHz
 ===== CHANNEL f2 =====
 PROPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310005 MHz

F2 - Processing parameters
 SI 32768
 SF 62.8952515 MHz
 MDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 CY 9.00 cm
 F1P 215.000 ppm
 F1 13522.48 Hz
 F2P -5.000 ppm
 F2 -314.47 Hz
 PPMCH 11.00000 ppm/cm
 HZCM 661.84778 Hz/cm



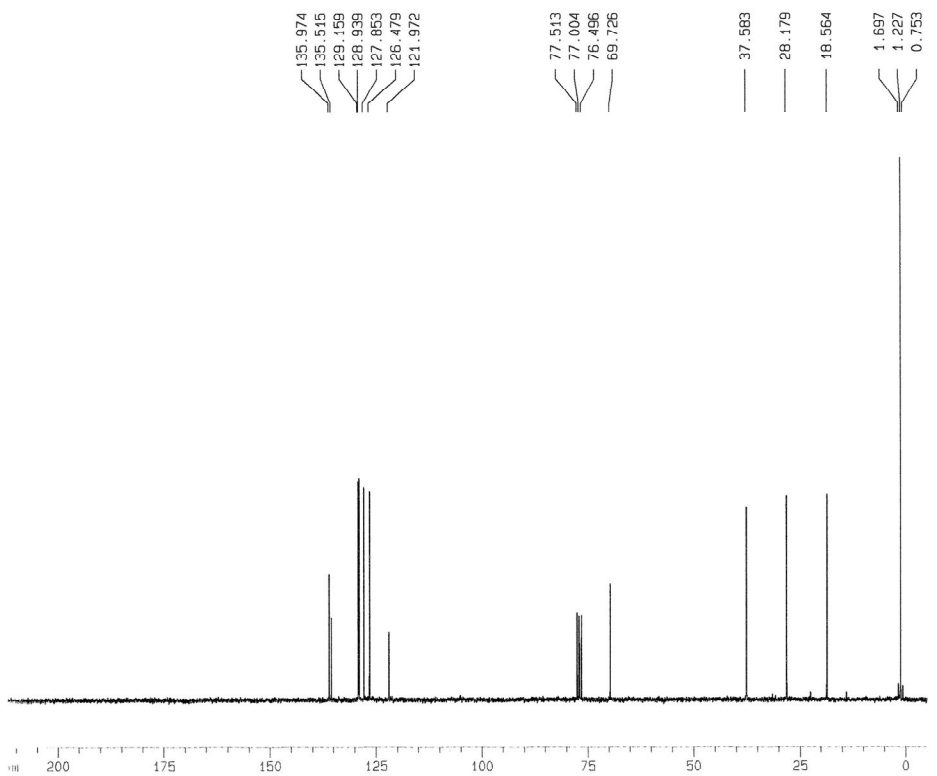
Current Data Parameters
 NAME RKY
 EXPNO 588
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20081222
 Time 20:54
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 4990.020 Hz
 FIDRES 0.076142 Hz
 AQ 6.5667572 sec
 RG 40.3
 DW 100.200 usec
 DE 6.00 usec
 TE 0.0 K
 D1 1.00000000 sec
 MCREST 0.00000000 sec
 MCHRK 0.01500000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 11.60 usec
 PL1 -3.00 dB
 SFO1 250.1320010 MHz

F2 - Processing parameters
 SI 32768
 SF 250.1300075 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 21.00 cm
 CY 10.00 cm
 F1P 15.500 ppm
 F1 2626.36 Hz
 F2P -0.250 ppm
 F2 -62.53 Hz
 PPMCM 0.51190 ppm
 HZCM 128.04274 Hz/



Current Data Parameters
 NAME RKT
 EXPNO 589
 PROCNO 1

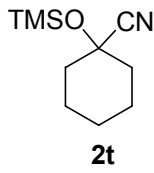
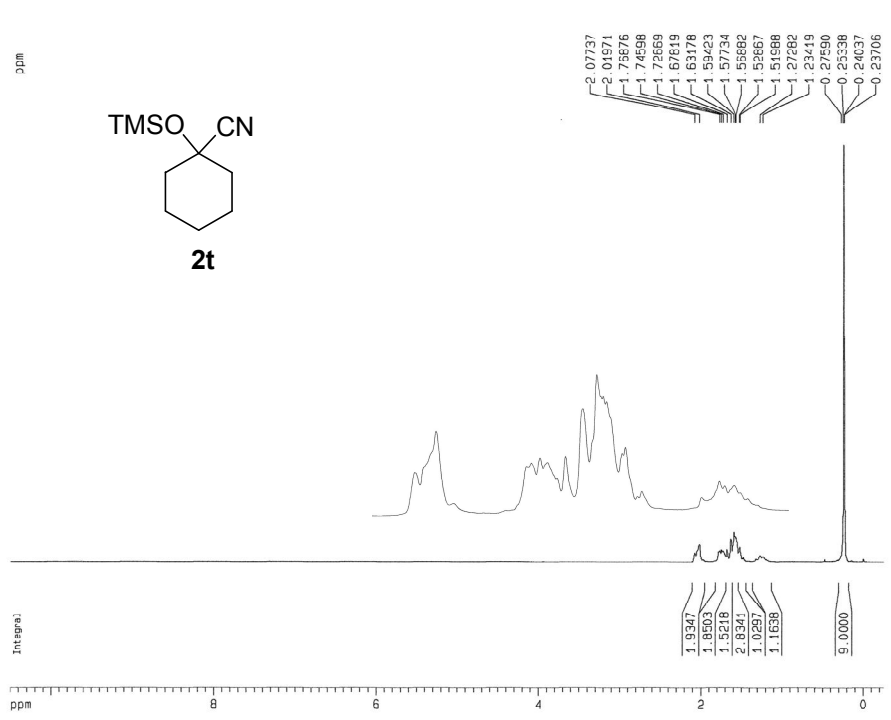
F2 - Acquisition Parameters
 Date_ 20081222
 Time 10:22
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 104
 DS 2
 SWH 18832.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 5782.6
 DW 26.550 usec
 DE 6.00 usec
 TE 0.0 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 DELTA 1.89999998 sec
 MCREST 0.00000000 sec
 MCHRK 0.01500000 sec

===== CHANNEL f1 =====
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027864 MHz

===== CHANNEL f2 =====
 CPOPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310005 MHz

F2 - Processing parameters
 SI 32768
 SF 62.8952509 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 CY 12.00 cm
 F1P 215.000 ppm
 F1 13522.48 Hz
 F2P -5.000 ppm
 F2 -314.47 Hz
 PPMCM 11.00000 ppm/cm
 HZCM 691.84778 Hz/cm



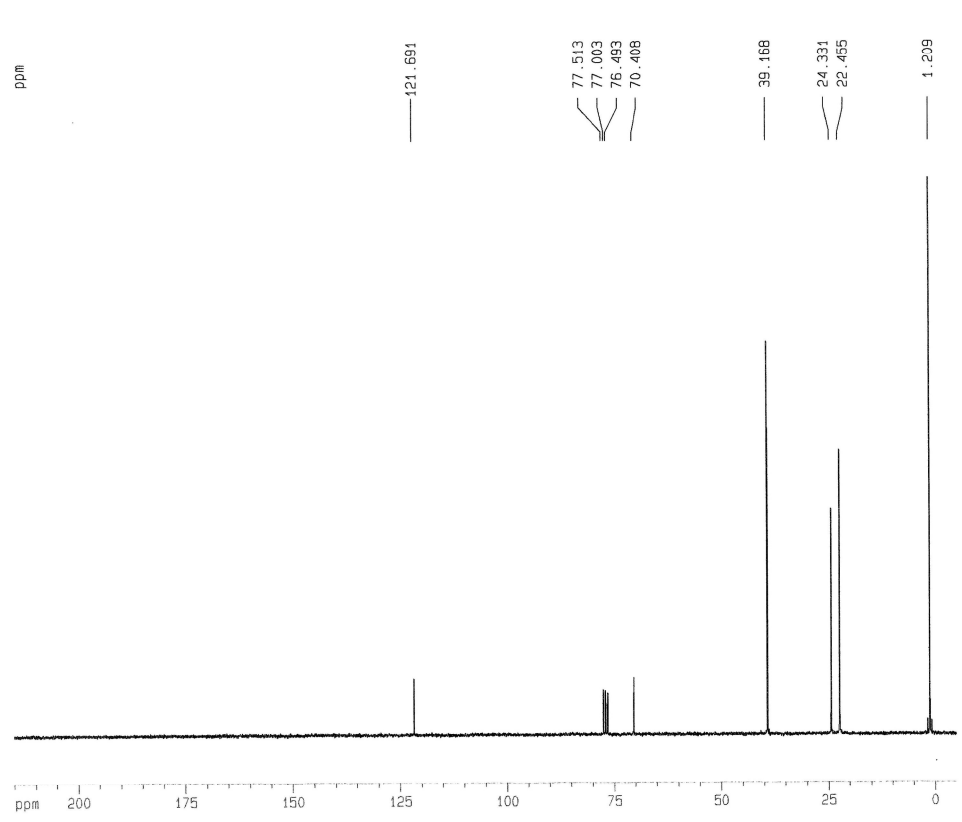
Current Data Parameters
 NAME RKY
 EXPNO 593
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20081222
 Time 20.10
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zg30
 TO 65536
 SOLVENT CDC13
 NS 16
 DS 0
 SWH 4990.020 Hz
 FIDRES 0.076142 Hz
 AQ 6.5667572 sec
 RG 26.5
 DW 100.200 usec
 DE 6.00 usec
 IE 0.0 K
 D1 1.00000000 sec
 MCREST 0.00000000 sec
 MCWPK 0.01500000 sec

----- CHANNEL f1 -----
 NUC1 1H
 P1 11.60 usec
 PL1 -3.00 dB
 SFO1 250.1320010 MHz

F2 - Processing parameters
 SI 32768
 SF 250.1299892 MHz
 MDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

ID NMR plot parameters
 CX 21.00 cm
 CY 10.00 cm
 FIP 10.500 ppm
 F1 2626.36 Hz
 F2P -0.250 ppm
 F2 -62.53 Hz
 PRMCM 0.51180 ppm
 HZCM 128.04274 Hz/



Current Data Parameters
 NAME RKY
 EXPNO 594
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20081222
 Time 20.25
 INSTRUM spect
 PROBHD 5 mm Dual 13C/
 PULPROG zgpg30
 TO 65536
 SOLVENT CDC13
 NS 97
 DS 2
 SWH 18932.395 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 5792.6
 DW 26.550 usec
 DE 6.00 usec
 IE 0.0 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 DELTA 1.89999998 sec
 MCREST 0.00000000 sec
 MCWPK 0.01500000 sec

----- CHANNEL f1 -----
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SFO1 62.9027864 MHz

----- CHANNEL f2 -----
 CPDPRG2 waltz16
 NUC2 1H
 P1 100.00 usec
 PL2 -3.00 dB
 PL12 17.80 dB
 PL13 21.00 dB
 SFO2 250.1310005 MHz

F2 - Processing parameters
 SI 32768
 SF 62.8952475 MHz
 MDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

ID NMR plot parameters
 CX 20.00 cm
 CY 12.00 cm
 FIP 215.000 ppm
 F1 13522.48 Hz
 F2P -314.47 Hz
 F2 11.00000 ppm/cm
 PRMCM 691.84772 Hz/cm