

Structure-activity relationships for radamide, a chimera of radicicol
and geldanamycin.

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Supporting Information – NMR Spectra

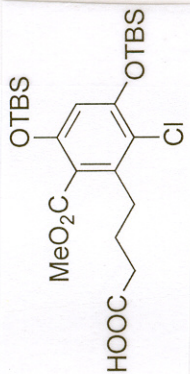
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¹ H NMR for Compound 81b	S138

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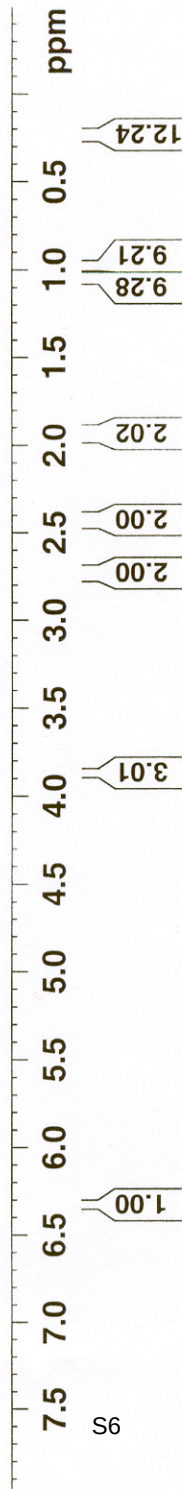
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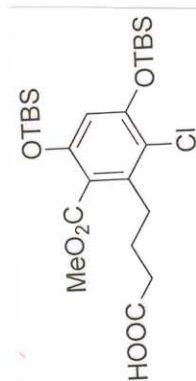
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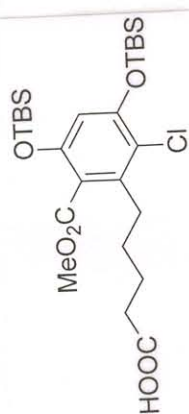
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 PL13 16.00 dB
 SFO2 400.1316005 MHz

F2 - Processing parameters
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EXPNO	1
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FIDRES	0.126314 Hz
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DE	6.00 usec
TE	295.2 K
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PL1       -5.00 dB
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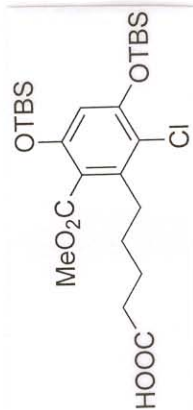
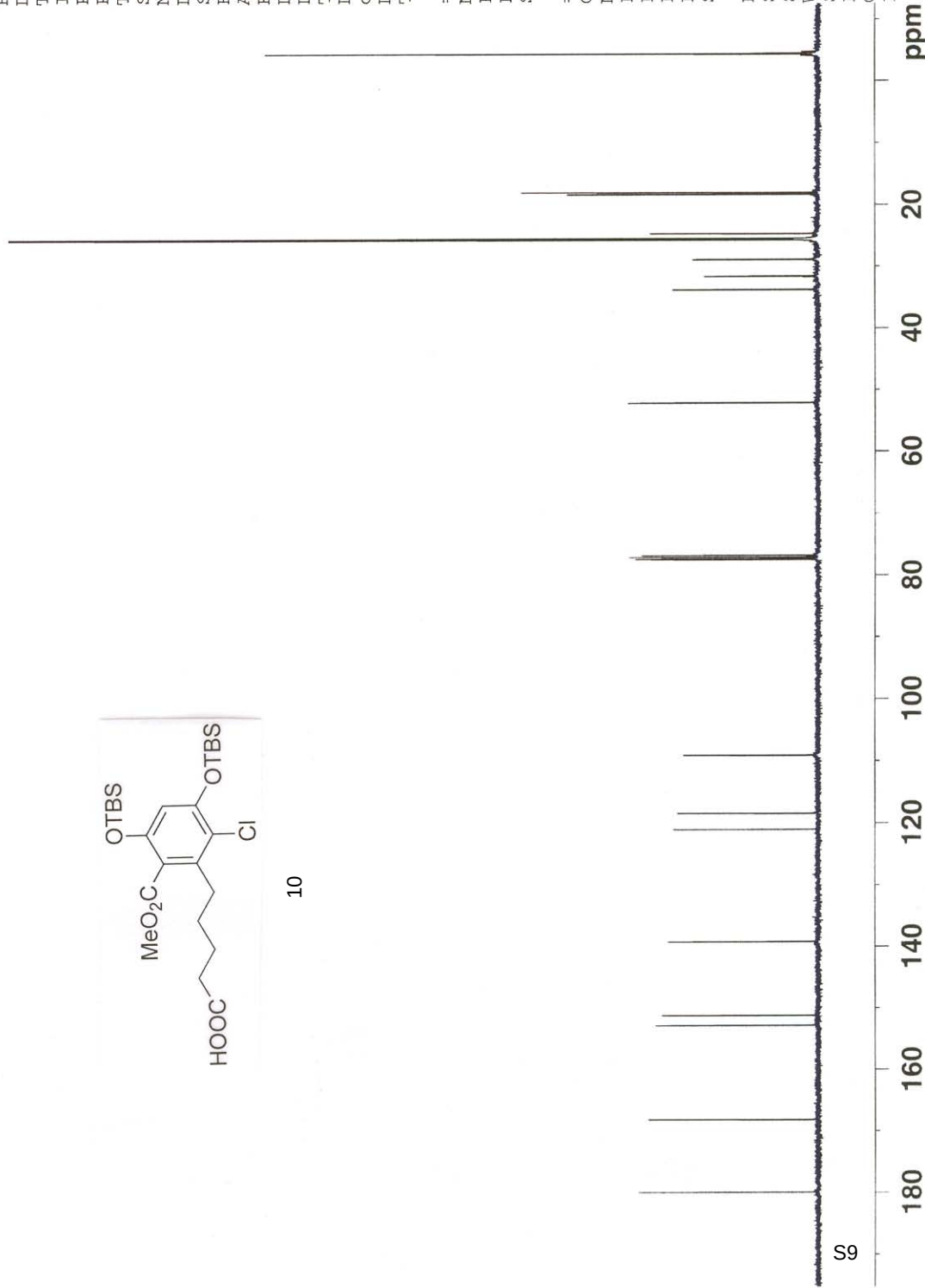
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 TE 295.2 K
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 d11 0.03000000 sec
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 P1 9.85 usec
 PL1 -2.00 dB
 SFO1 100.6228298 MHz

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 PCPD2 100.00 usec
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 PL12 14.58 dB
 PL13 16.00 dB
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 GB 0
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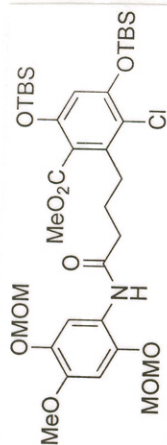


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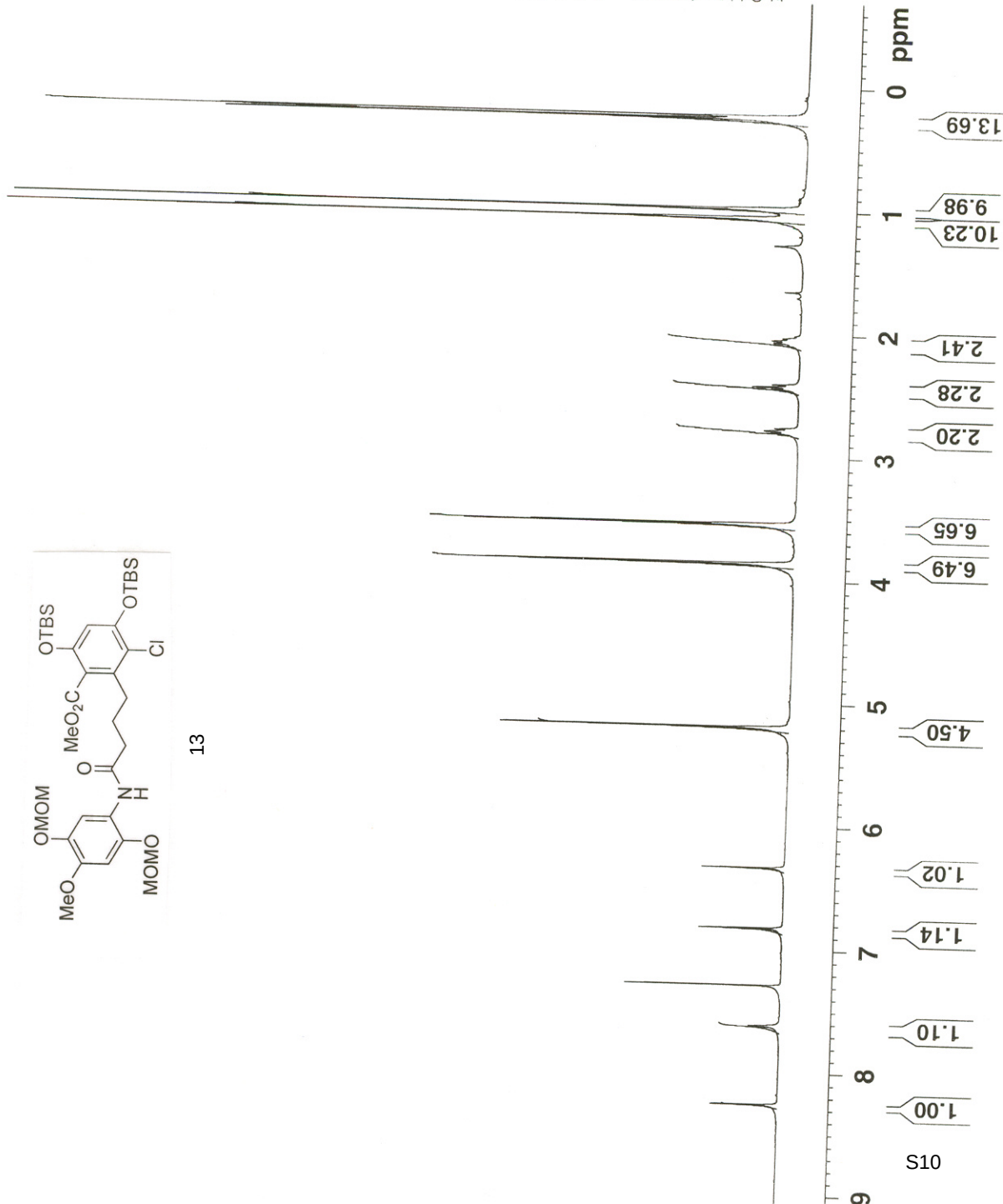
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RG 256
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DE 6.00 usec
TE 297.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
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PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
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SF 400.1300000 MHz
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SSB 0
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GB 0
PC 1.00



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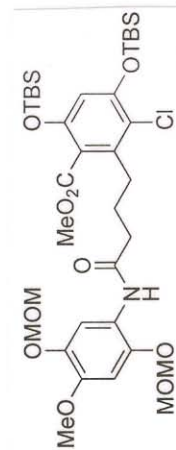
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PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 256
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 14596.5
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
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GB 0
PC 1.40



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S11

ppm

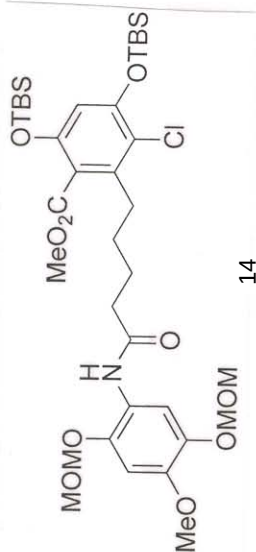


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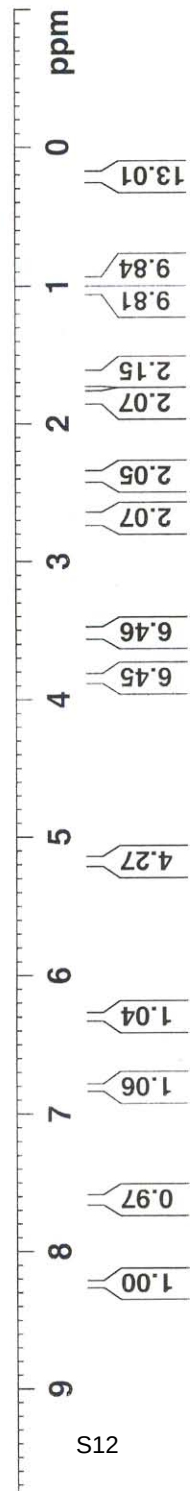
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DS 2
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TE 298.2 K
D1 1.00000000 sec
TD0 1

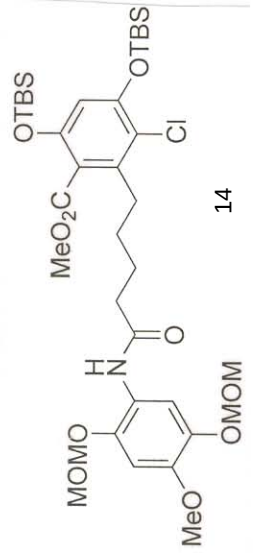
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NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
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SF 400.1300000 MHz
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GB 0
PC 1.00



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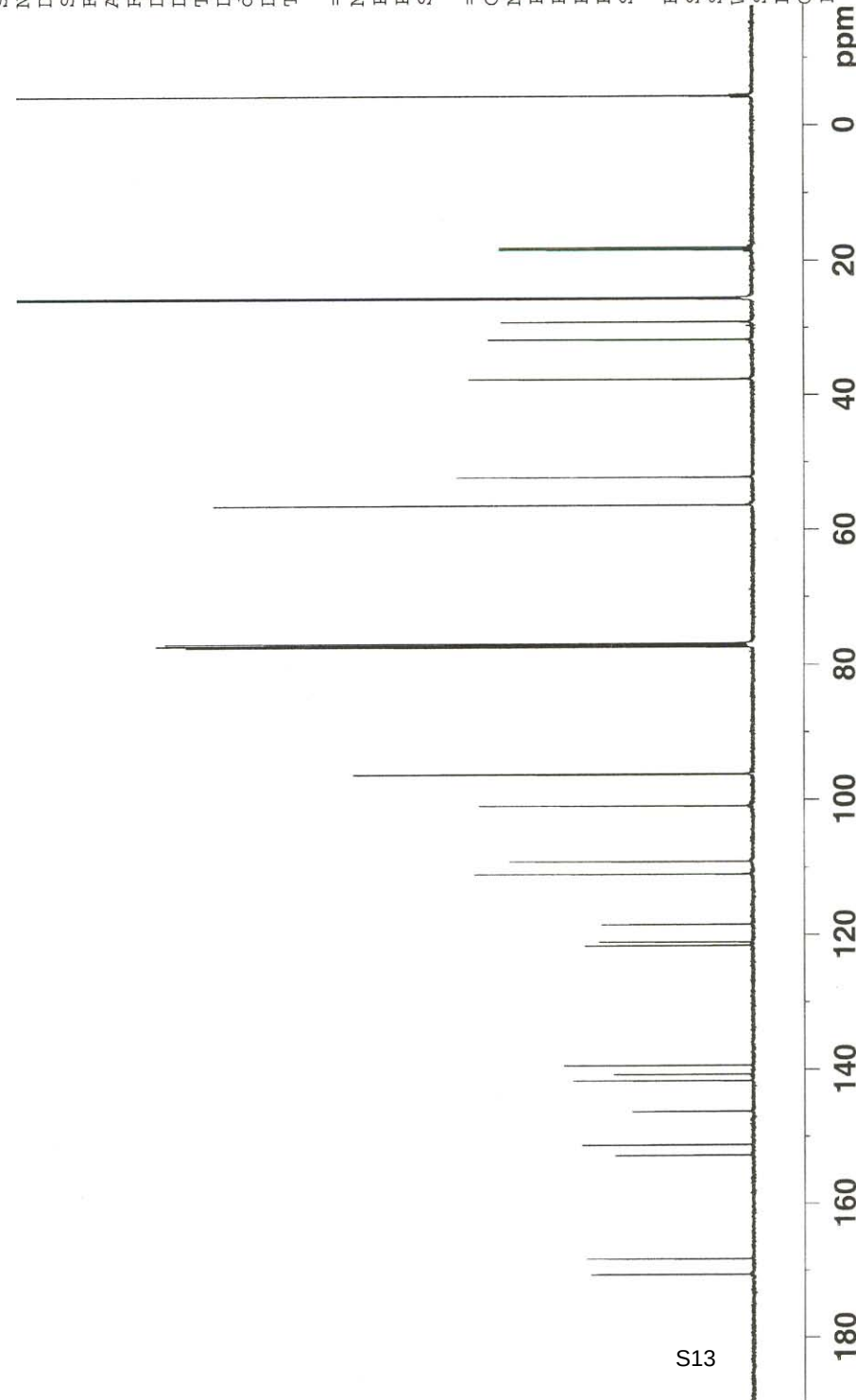
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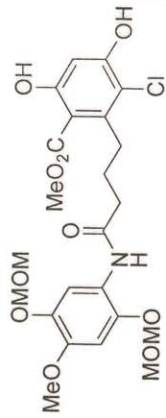
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SOLVENT CDCl3
NS 128
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
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GB 0
PC 1.40



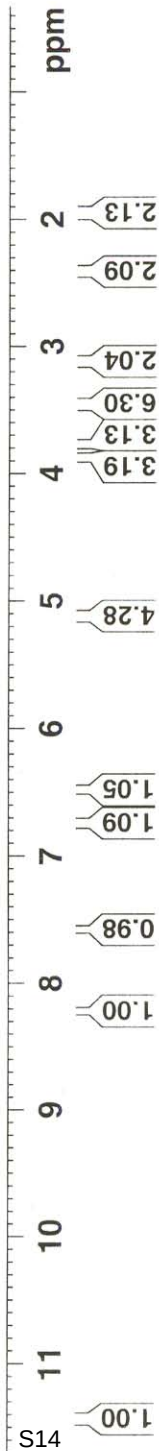


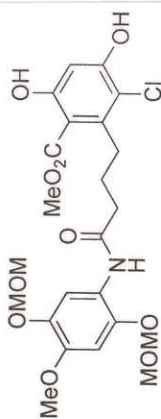
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TD	65536
SOLVENT	CDC13
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.157632 Hz
AQ	3.1720407 sec
RG	362
DW	48.400 use
DE	6.00 use
TE	292.7 K
D1	0.15000001 sec
TD0	1

```
===== CHANNEL f1 =====
NUC1      1H
P1        15.00 use
PL1       1.60 dB
SF01      500.1330885 MHz
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F2 - Processing parameters	
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PC	1.00





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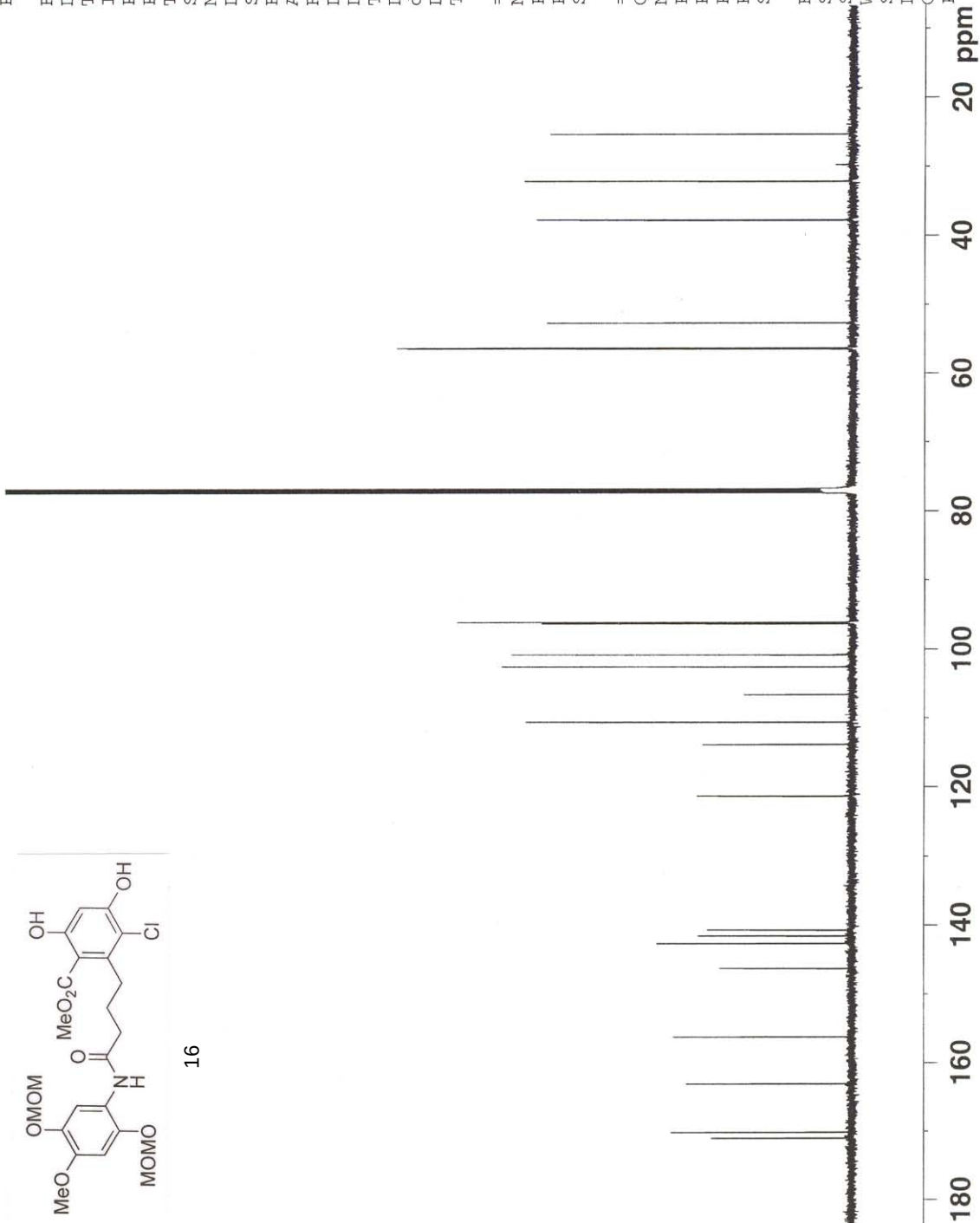
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PROCNO 1

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SOLVENT CDCl3
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FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 14596.5
DW 16.650 usec
DE 6.00 usec
TE 292.8 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
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GB 0
PC 1.40





Current Data Parameters
NAME 11.15.07
EXPNO 6
PROCNO 1

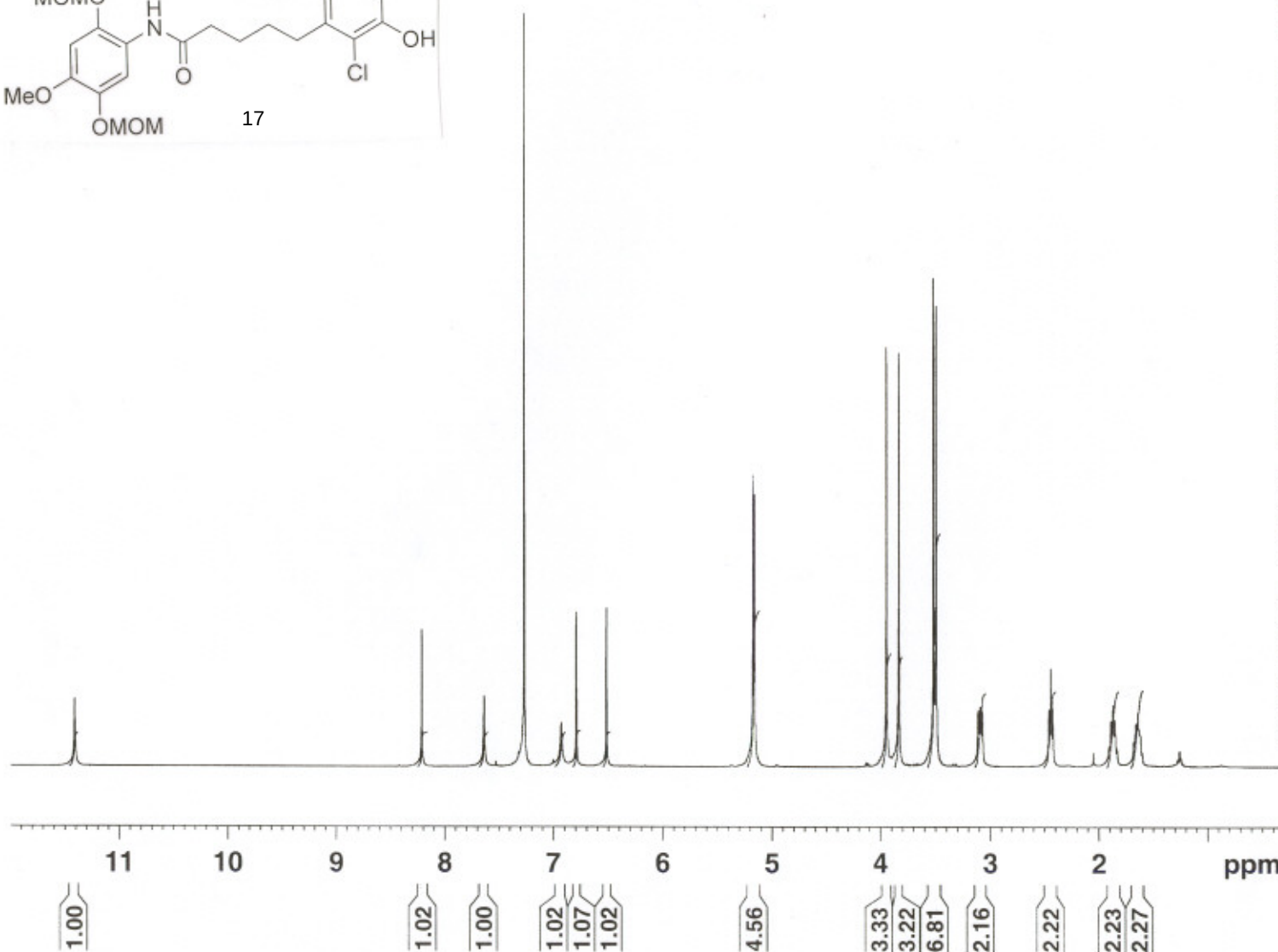
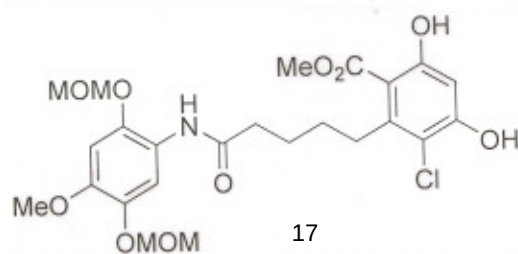
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DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 101.6
DW 60.400 usec
DE 6.00 usec
TE 296.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters

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LB 0.30 Hz
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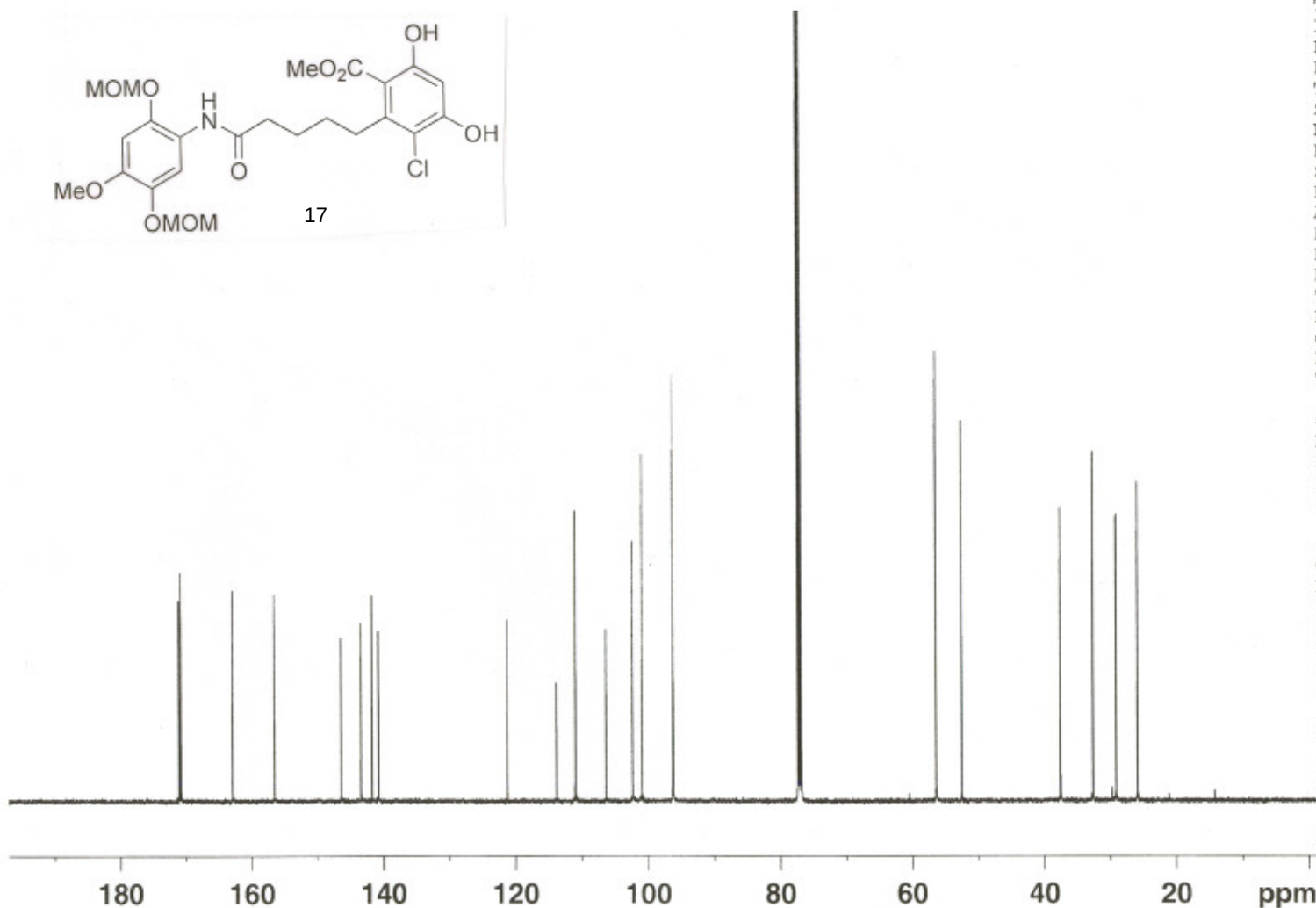
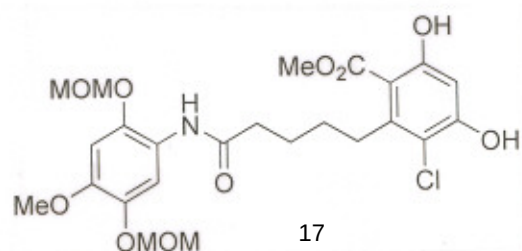
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 PULPROG zgpg30
 TD 65536
 SOLVENT CDC13
 NS 256
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 13004
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SFO1 125.7703643 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SFO2 500.1320005 MHz

F2 - Processing parameters
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 SF 125.7577890 MHz
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 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

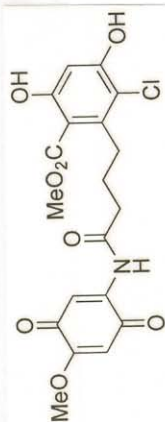




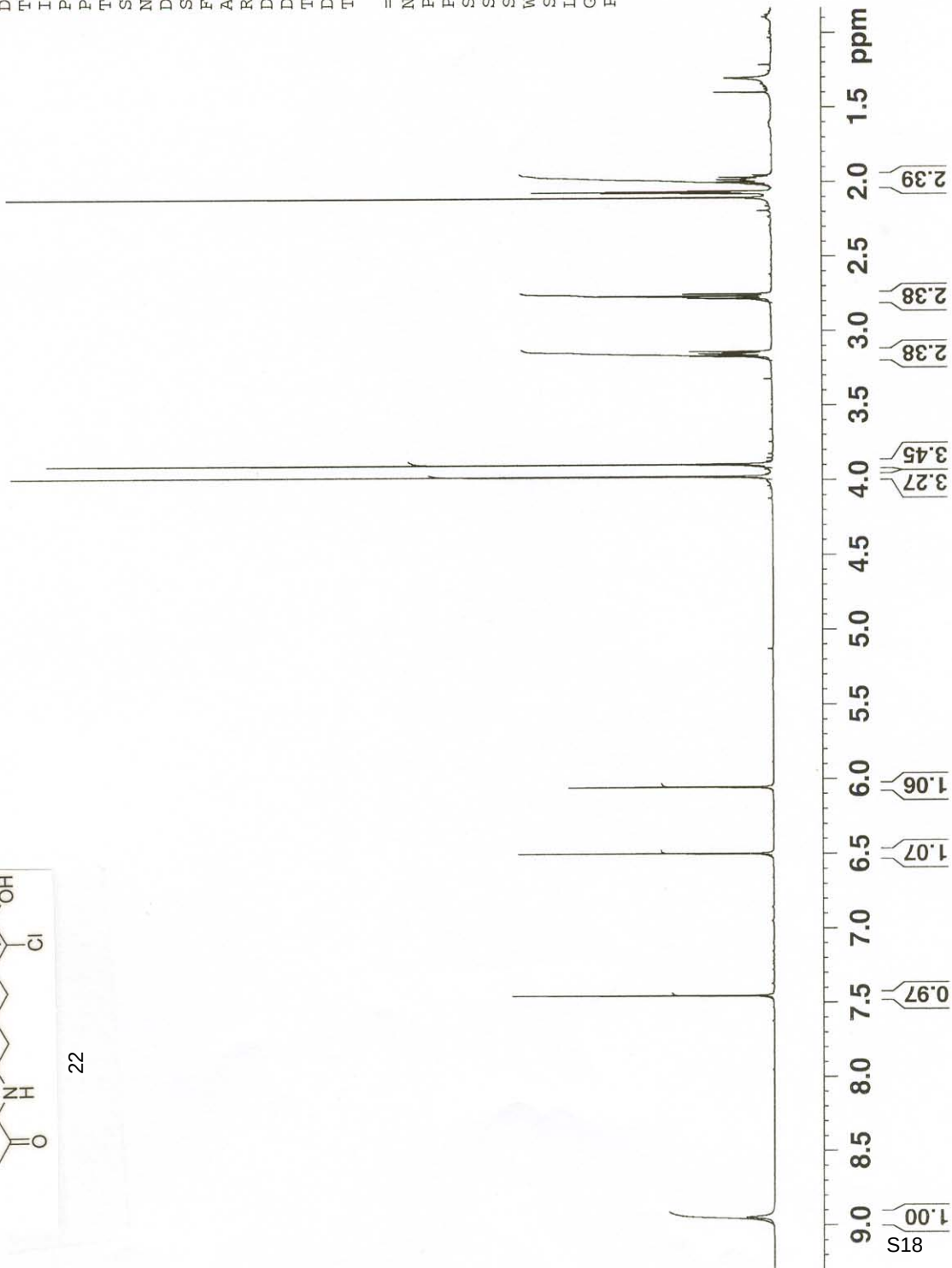
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SOLVENT Acetone
NS 16
DS 2
SWH 10330.578 Hz
FIDRES 0.157632 Hz
AQ 3.1720407 sec
RG 456.1
DW 48.400 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 15.00 usec
PL1 1.60 dB
SFO1 500.1330885 MHz
SI 32768
SF 500.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



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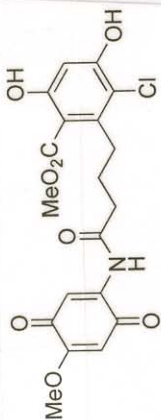




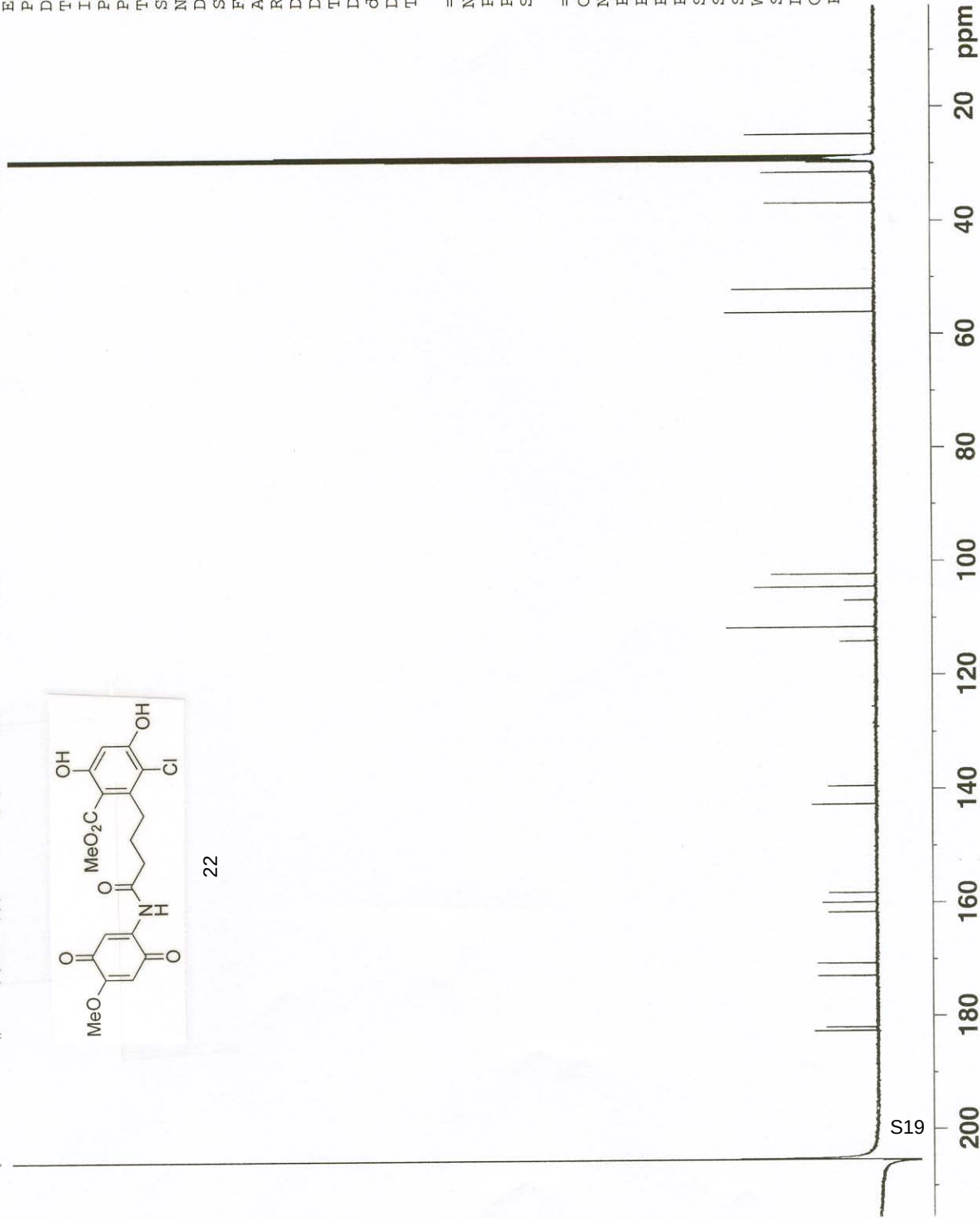
NAME CRA-9
EXPNO 2
PROCNO 1
Date_ 20080227
Time 16.16
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 9195.2
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



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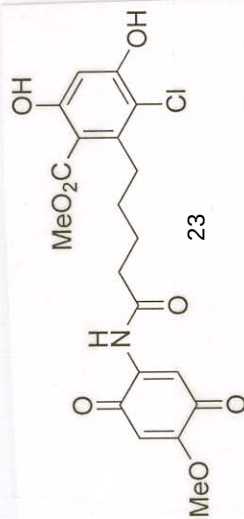
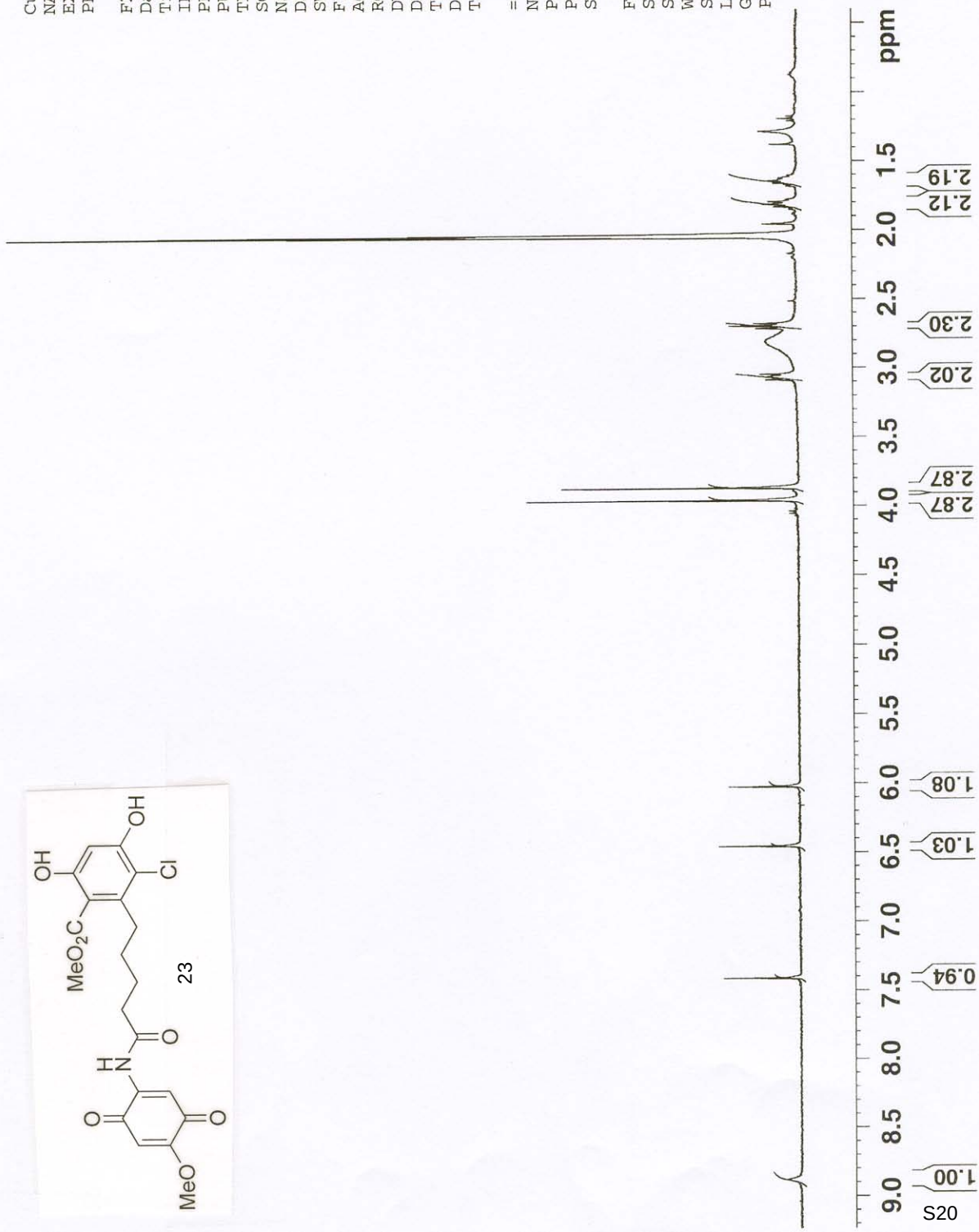


Current Data Parameters
 NAME 3.04.08
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20080304
 Time 8.41
 INSTRUM drx400
 PROBHD 5 mm QNP 1H/13
 PULPROG zg30
 TD 65536
 SOLVENT Acetone
 NS 20
 DS 2
 SWH 8278.146 Hz
 FIDRES 0.126314 Hz
 AQ 3.9584243 sec
 RG 912.3
 DW 60.400 usec
 DE 6.00 usec
 TE 299.2 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 10.50 usec
 PL1 -5.00 dB
 SFO1 400.1324710 MHz

F2 - Processing parameters
 SI 32768
 SF 400.1300053 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

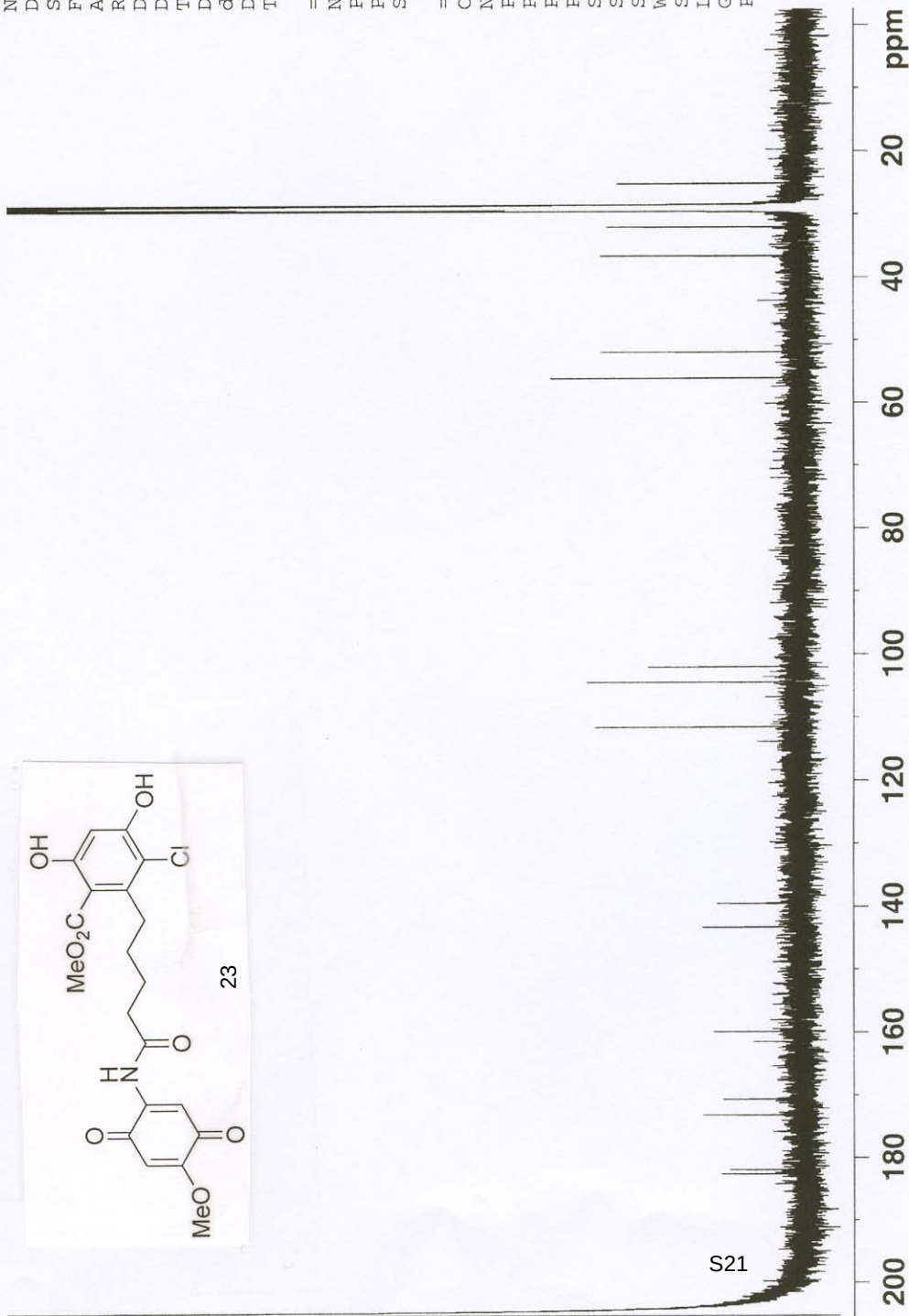
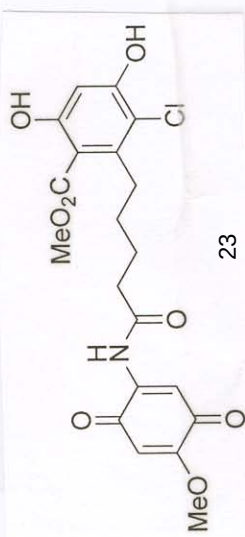


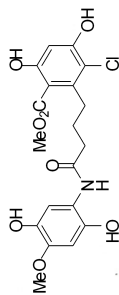


NAME S4CA-8
EXPNO 4
PROCNO 1
Date_ 20080304
Time 12.09
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 6502
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz
SI 32768
SF 125.7577890 MHz
EM 0
WDW 1.00 Hz
SSB 0
LB 0
GB 1.40
PC





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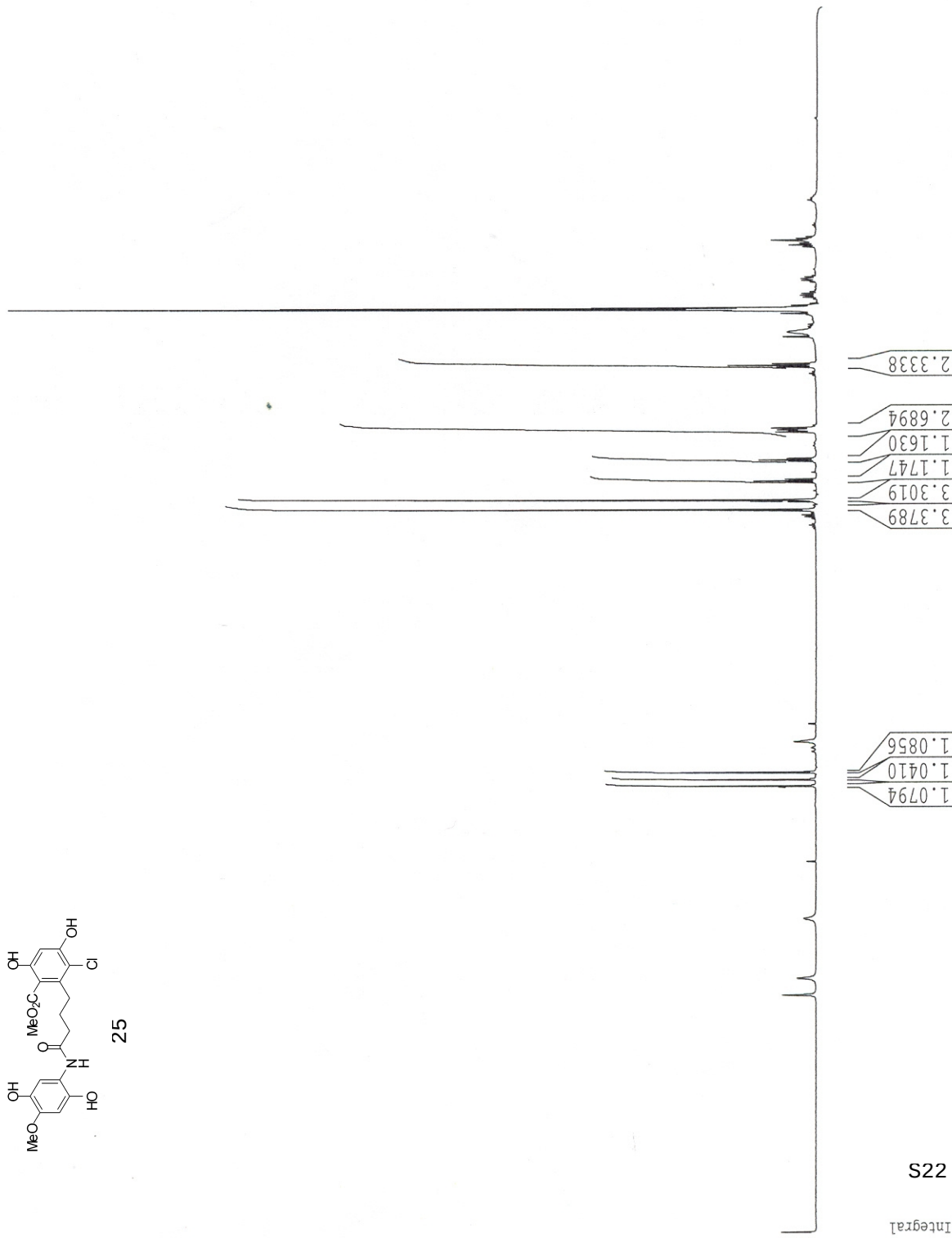
Current Data Parameters
 NAME 2.18.06
 EXPNO 1
 PROCNO 1

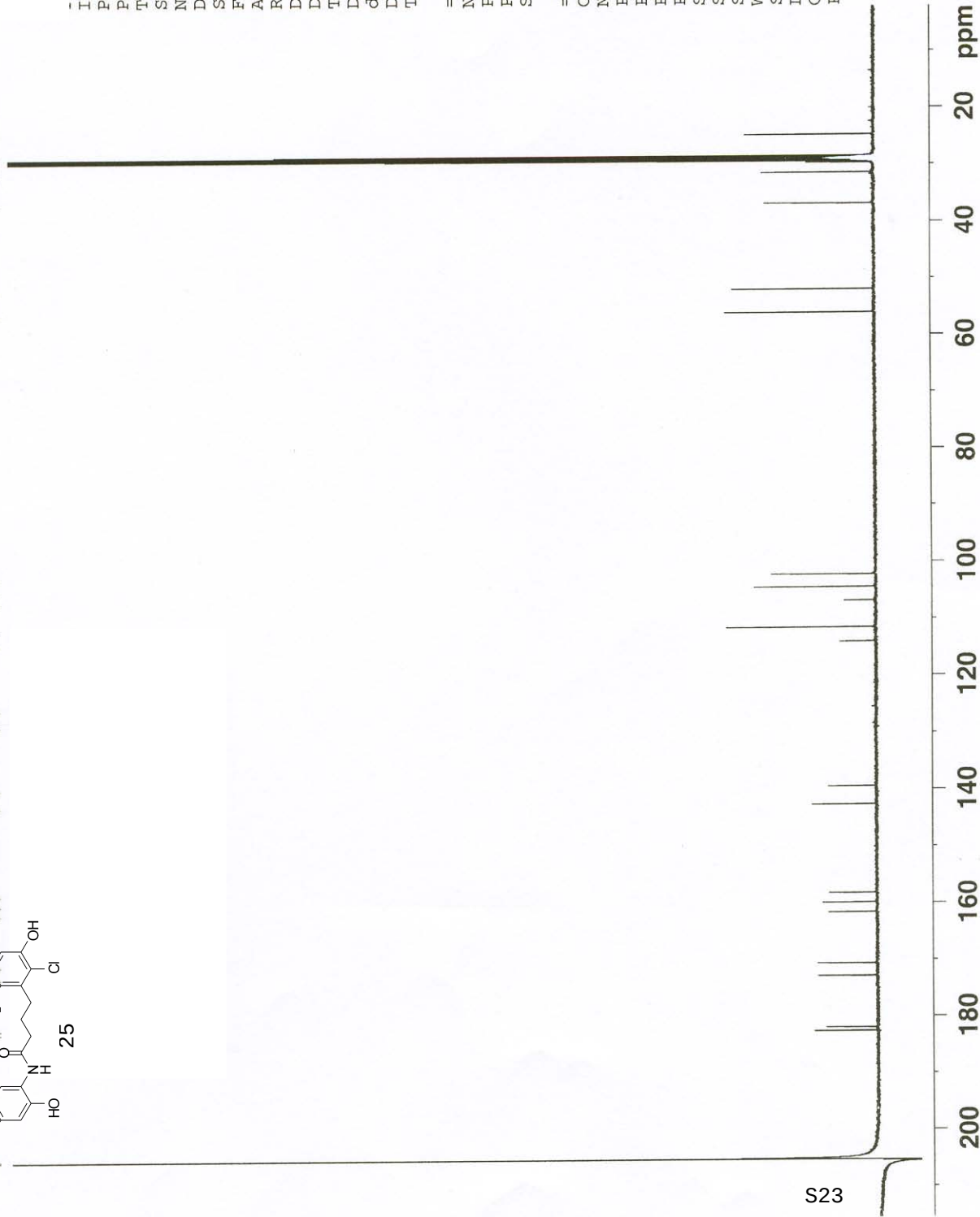
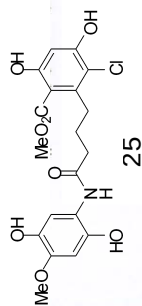
F2 - Acquisition Parameters
 Date_ 20060218
 Time 7.34
 INSTRUM drx400
 PROBHD 5 mm QNP 1H/13
 PULPROG zg30
 TD 32768
 SOLVENT CD3CN
 NS 85
 DS 2
 SWH 4789.272 Hz
 FIDRES 0.146157 Hz
 AQ 3.4210291 sec
 RG 574.7
 DW 104.400 usec
 DE 5.50 usec
 TE 294.2 K
 D1 1.00000000 sec
 MCREST 0.00000000 sec
 MCWRX 0.01500000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.35 usec
 PL1 -4.00 dB
 SF01 400.1320007 MHz

F2 - Processing parameters
 SI 32768
 SF 400.1300091 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 CY 0.00 cm
 F1P 11.000 ppm
 F1 4401.43 Hz
 F2P -1.000 ppm
 F2 -400.13 Hz
 PPMCM 0.60000 ppm/cm
 HZCM 240.07800 Hz/cm





INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 9195.2
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

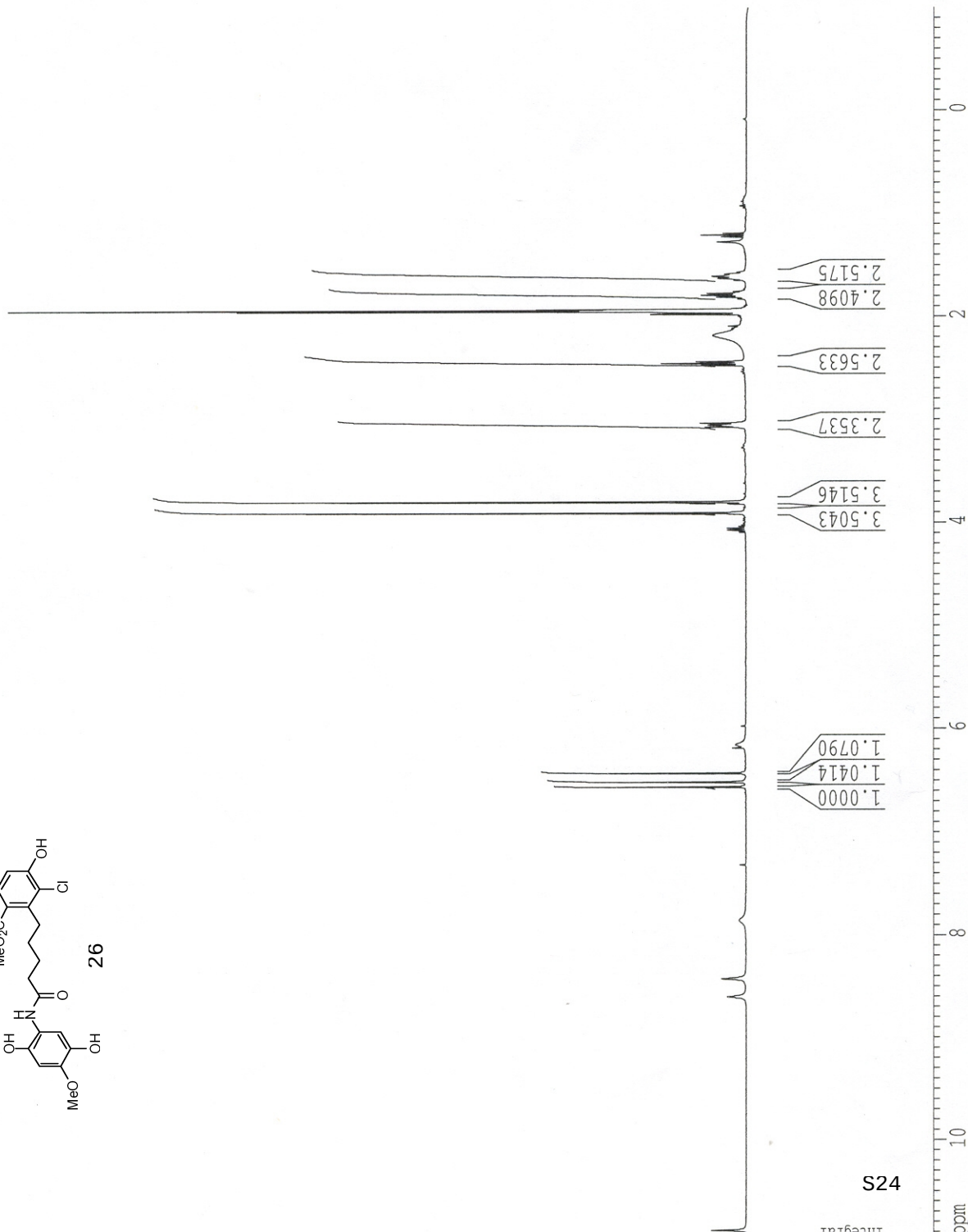
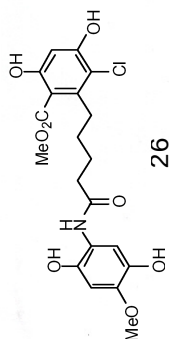
Current Data Parameters
 NAME 2.18.06
 EXPNO 2
 PROCNO 1

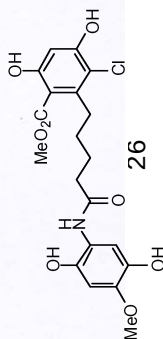
F2 - Acquisition Parameters
 Date_ 20060218
 Time 7.51
 INSTRUM drx400
 PROBHD 5 mm QNP 1H/13
 PULPROG zg30
 TD 32768
 SOLVENT CD3CN
 NS 93
 DS 2
 SWH 4789.272 Hz
 FIDRES 0.146157 Hz
 AQ 3.4210291 sec
 RG 574.7
 DW 104.400 usec
 DE 5.50 usec
 TE 294.2 K
 D1 1.00000000 sec
 MCREST 0.00000000 sec
 MCWRK 0.01500000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.35 usec
 PL1 -4.00 dB
 SFO1 400.1320007 MHz

F2 - Processing parameters
 SI 32768
 SF 400.1300091 MHz
 EM
 WDW 0
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 CY 0.00 cm
 F1P 11.000 ppm
 F1 4401.43 Hz
 F2P -1.000 ppm
 F2 -400.13 Hz
 PPMCM 0.60000 ppm/cm
 HZCM 240.07800 Hz/cm





INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 6502
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



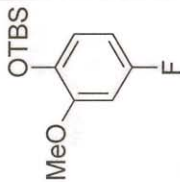


Current Data Parameters
NAME 10.31.07
EXPNO 1
PROCNO 1

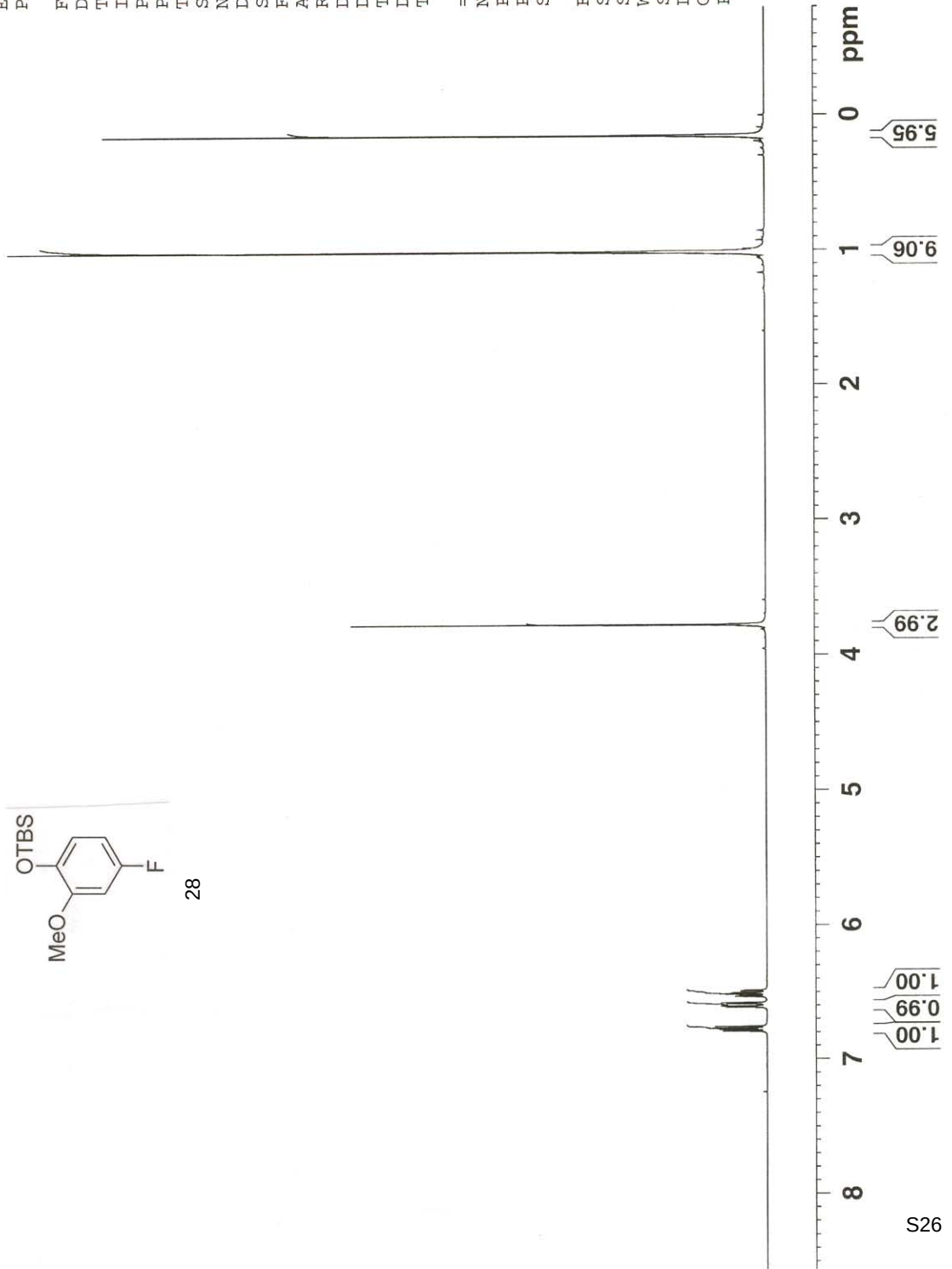
F2 - Acquisition Parameters
Date_ 200711031
Time 7.12
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 8
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 20.2
DW 60.400 usec
DE 6.00 usec
TE 295.6 K
D1 1.00000000 sec
TD0 1

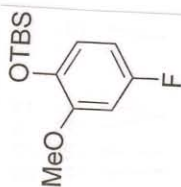
===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300152 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



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Current Data Parameters
NAME 10.31.07
EXPNO 2
PROCNO 1

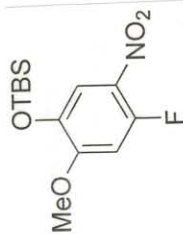
F2 - Acquisition Parameters
Date_ 20071031
Time 7.15
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 23
DS 4
SWH 23980.814 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 8192
DW 20.850 usec
DE 6.00 usec
TE 295.6 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 9.85 usec
PL1 -2.00 dB
SFO1 100.6228298 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -5.00 dB
PL12 14.58 dB
PL13 16.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

ppm



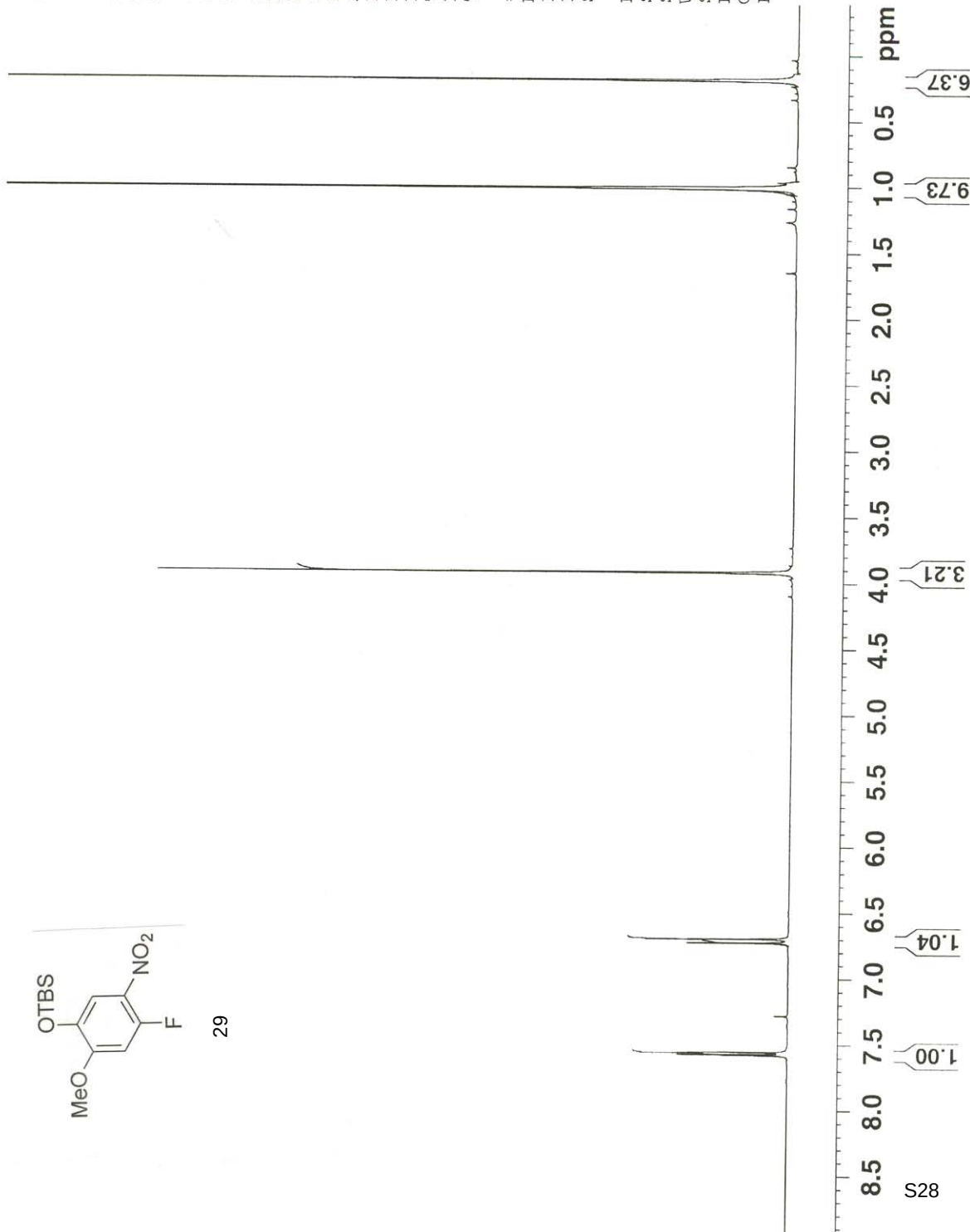
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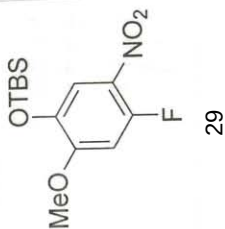
Current Data Parameters
NAME 11.03.07
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071103
Time 8.24
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 9
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 45.3
DW 60.400 usec
DE 6.00 usec
TE 295.6 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





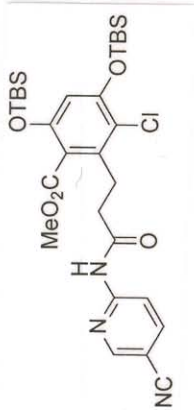
Current Data Parameters
NAME 11.03.07
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071103
Time 8.27
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 42
DS 4
SWH 23980.814 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 4096
DW 20.850 usec
DE 6.00 usec
TE 295.7 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 9.85 usec
PL1 -2.00 dB
SFO1 100.6228298 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -5.00 dB
PL12 14.58 dB
PL13 16.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



Current Data Parameters	
NAME	11.06.07
EXPNO	2
PROCNO	1

F2 - Acquisition Parameters	
Date_	20071106
Time	8.59
INSTRUM	drx400
PROBHD	5 mm QNP 1H/13
PULPROG	zg30
TD	65536
SOLVENT	CDCl3
NS	13
DS	2
SWH	8278.146 Hz
FIDRES	0.126314 Hz
AQ	3.9584243 sec
RG	287.4
DW	60.400 use
DE	6.00 use
TE	297.2 K
D1	1.00000000 sec
TD0	1

```
===== CHANNEL f1 =====
NUC1      1H
P1        10.50 use
PL1       -5.00 dB
SF01      400.1324710 MHz
```

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





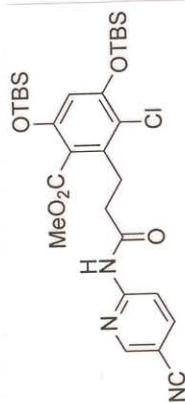
Current Data Parameters
NAME MKH-29B
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071106
Time 14.25
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 14596.5
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

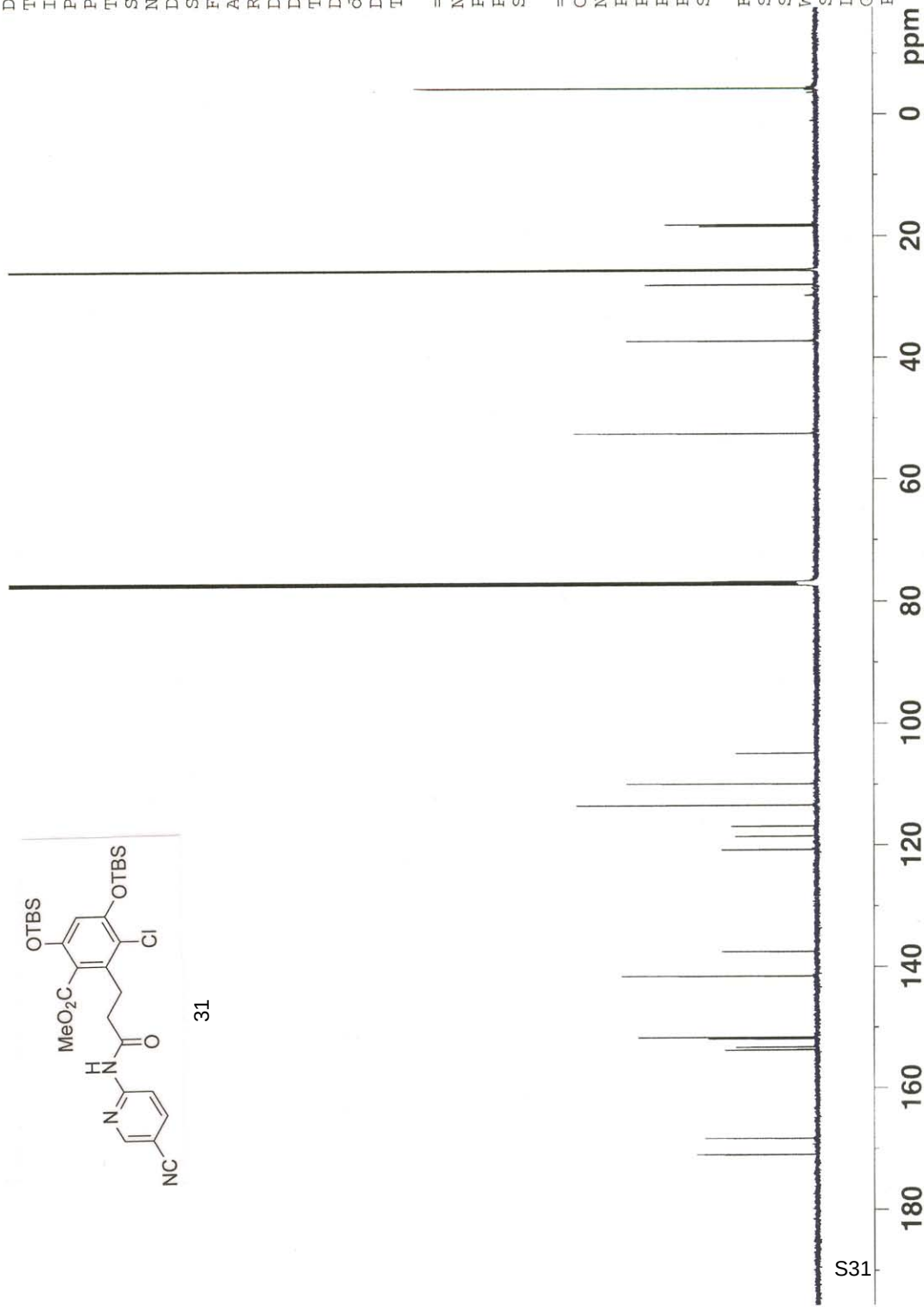
===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



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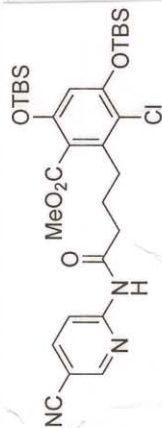


Current Data Parameters
NAME 11.05.07
EXPNO 1
PROCNO 1

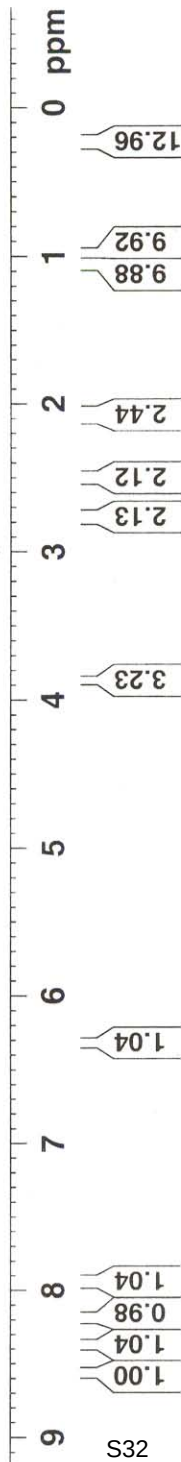
F2 - Acquisition Parameters
Date_ 20071105
Time 10.26
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 19
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 256
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

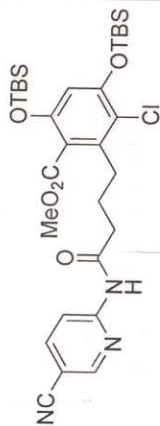
F2 - Processing parameters
SI 32768
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



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S32



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F2 - Processing parameters	
SI	32768
SF	125.7577890 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

S33

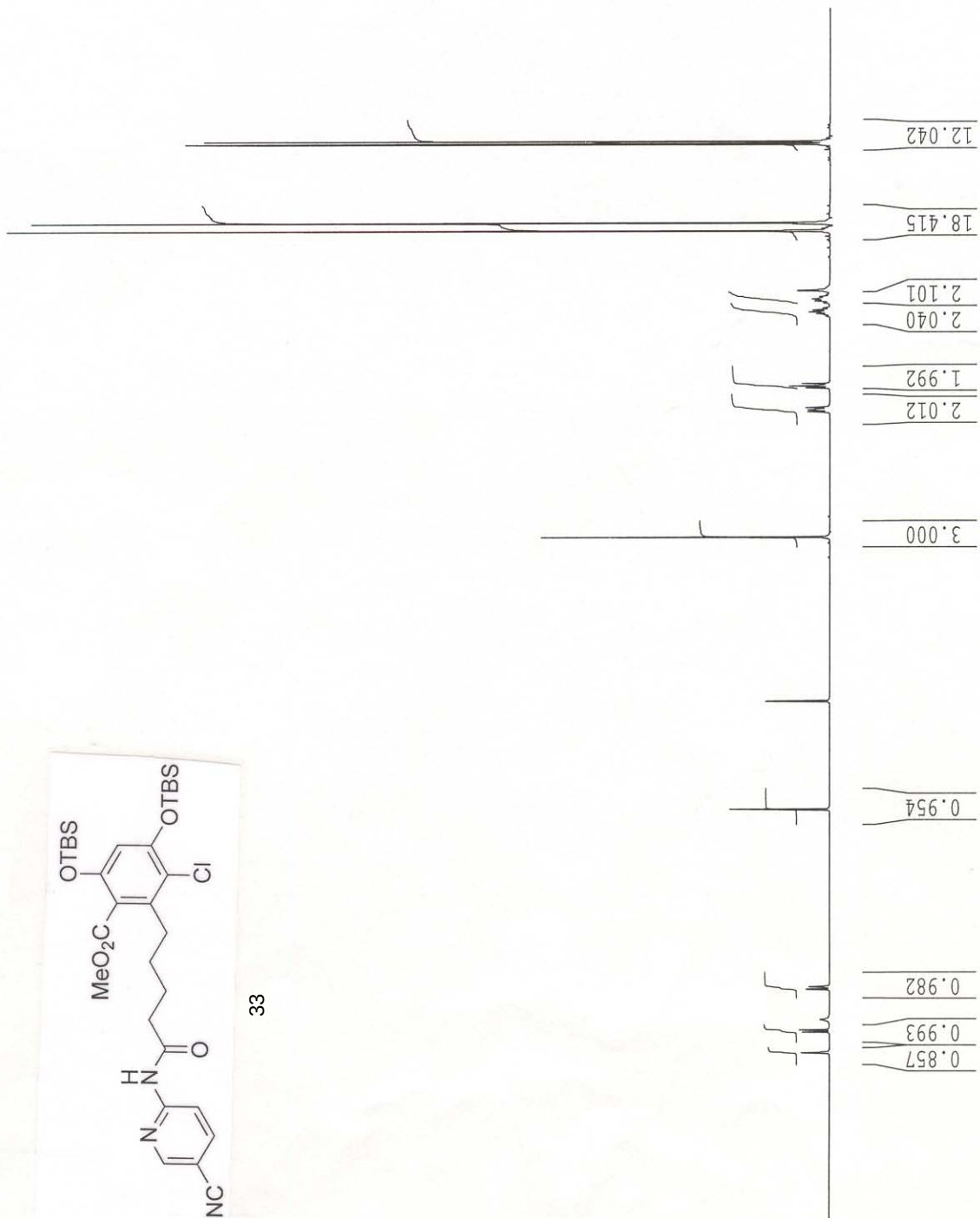
Current Data Parameters
NAME rciv-81-2c
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20050522
Time 7.34
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 16
DS 2
SWH 4789.272 Hz
FIDRES 0.146157 Hz
AQ 3.4210291 sec
RG 256
DW 104.400 usec
DE 5.50 usec
TE 293.2 K
D1 1.00000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 9.35 usec
PL1 -4.00 dB
SFO1 400.1320007 MHz

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

1D NMR plot parameters
CX 20.00 cm
CY 12.50 cm
F1P 11.000 ppm
F1 4401.43 Hz
F2P -1.000 ppm
F2 -400.13 Hz
PPMCM 0.60000 ppm/cm





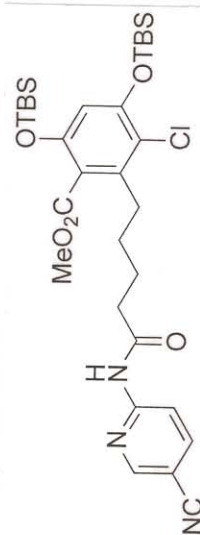
Current Data Parameters
 NAME Sat4CP-5
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20071120
 Time 16.50
 INSTRUM spect
 PROBHD 5 mm CPDUL 13C
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 1024
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 14596.5
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

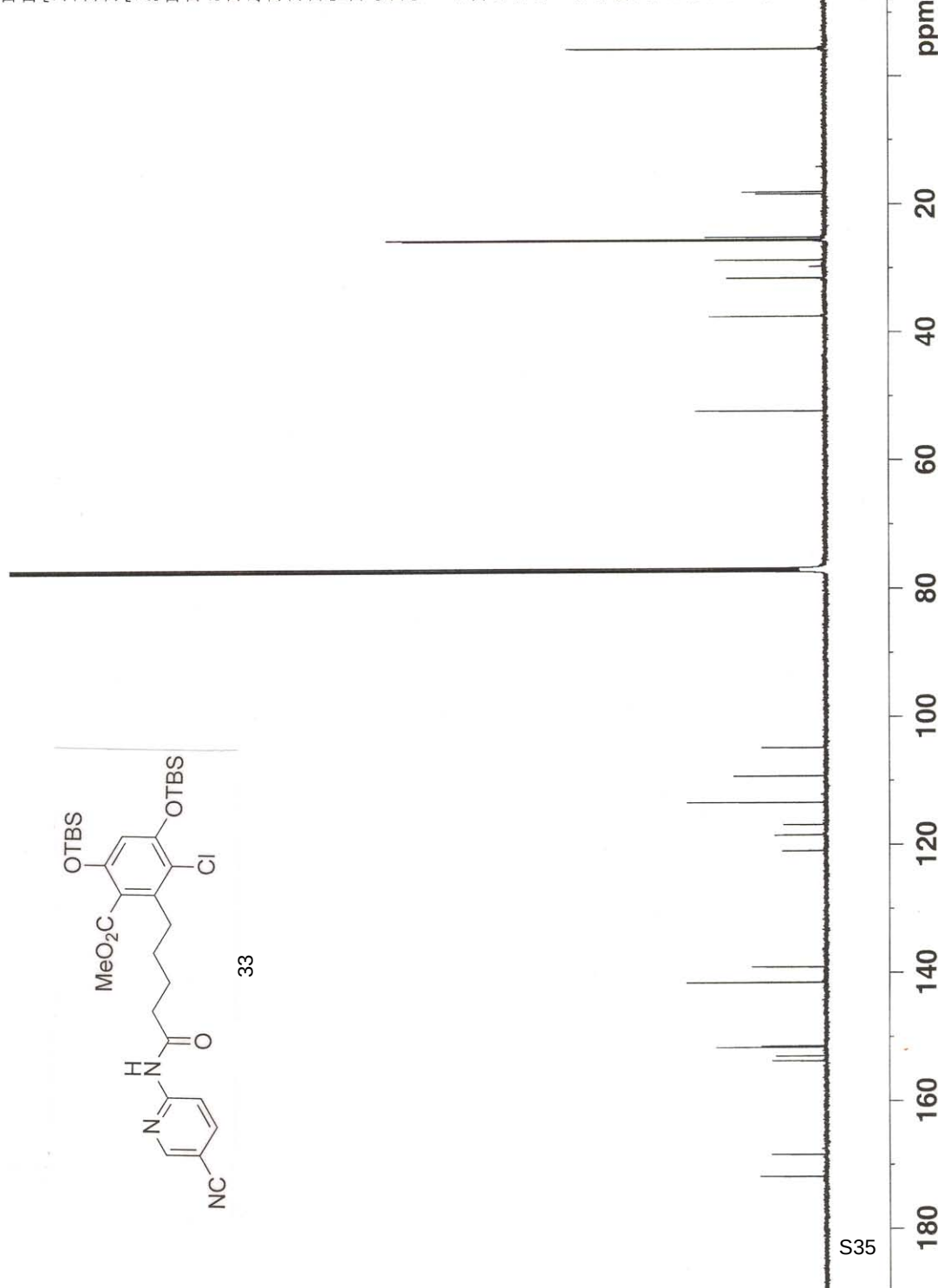
==== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SFO1 125.7703643 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 P2 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SFO2 500.1320005 MHz

F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



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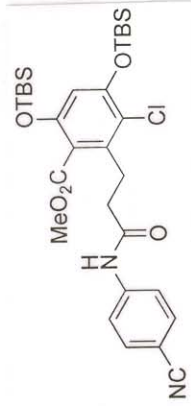


Current Data Parameters
NAME 11.06.07
EXPNO 1
PROCNO 1

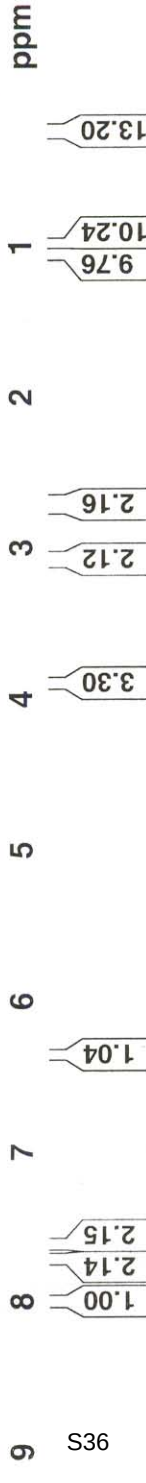
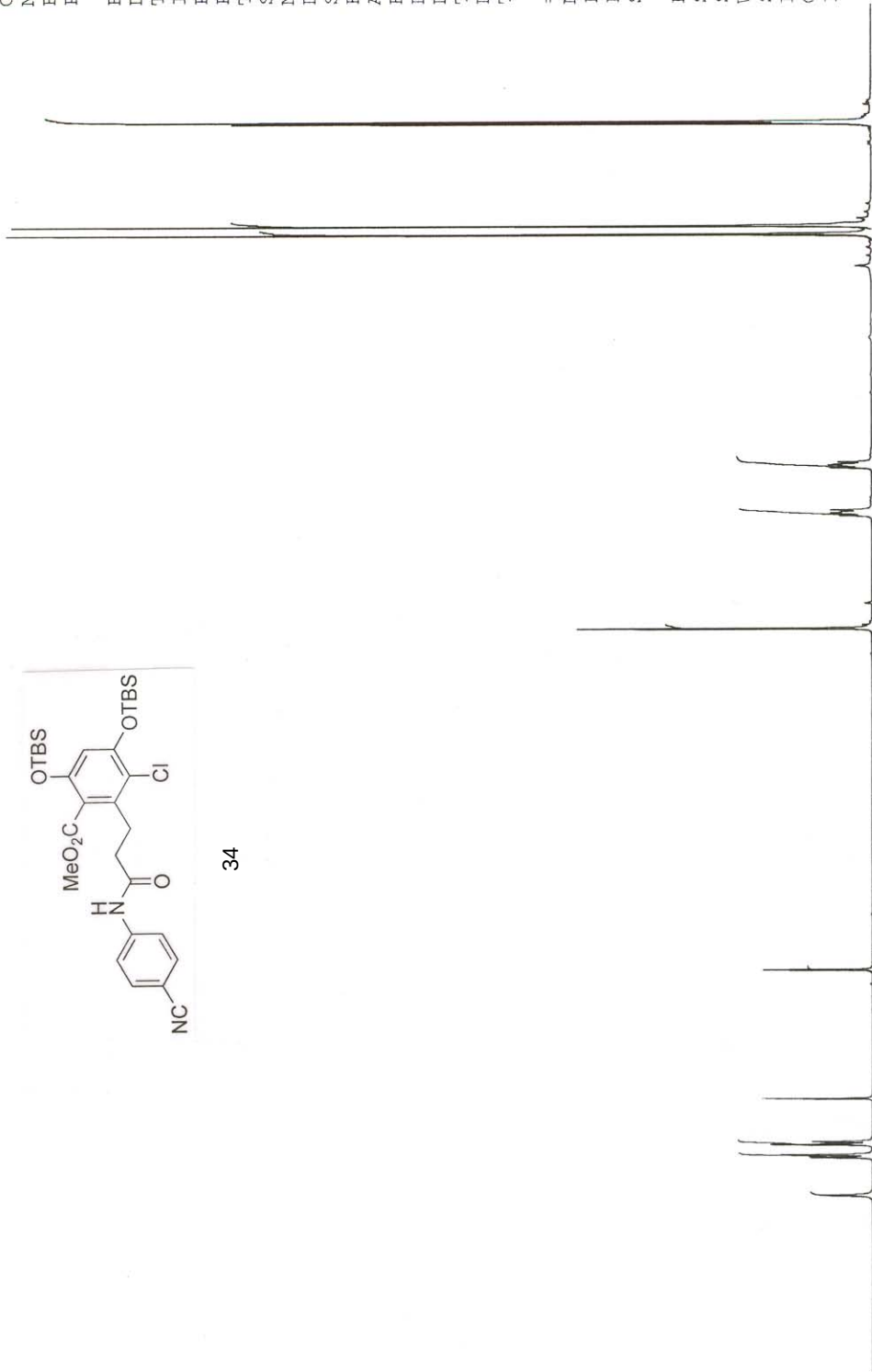
F2 - Acquisition Parameters
Date_ 20071106
Time 8.56
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 7
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 101.6
DW 60.400 usec
DE 6.00 usec
TE 297.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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



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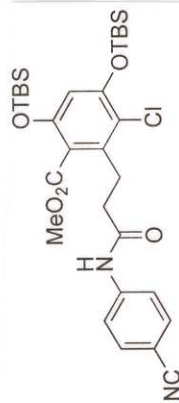
Current Data Parameters
NAME MKH-29A
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071106
Time 14.08
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

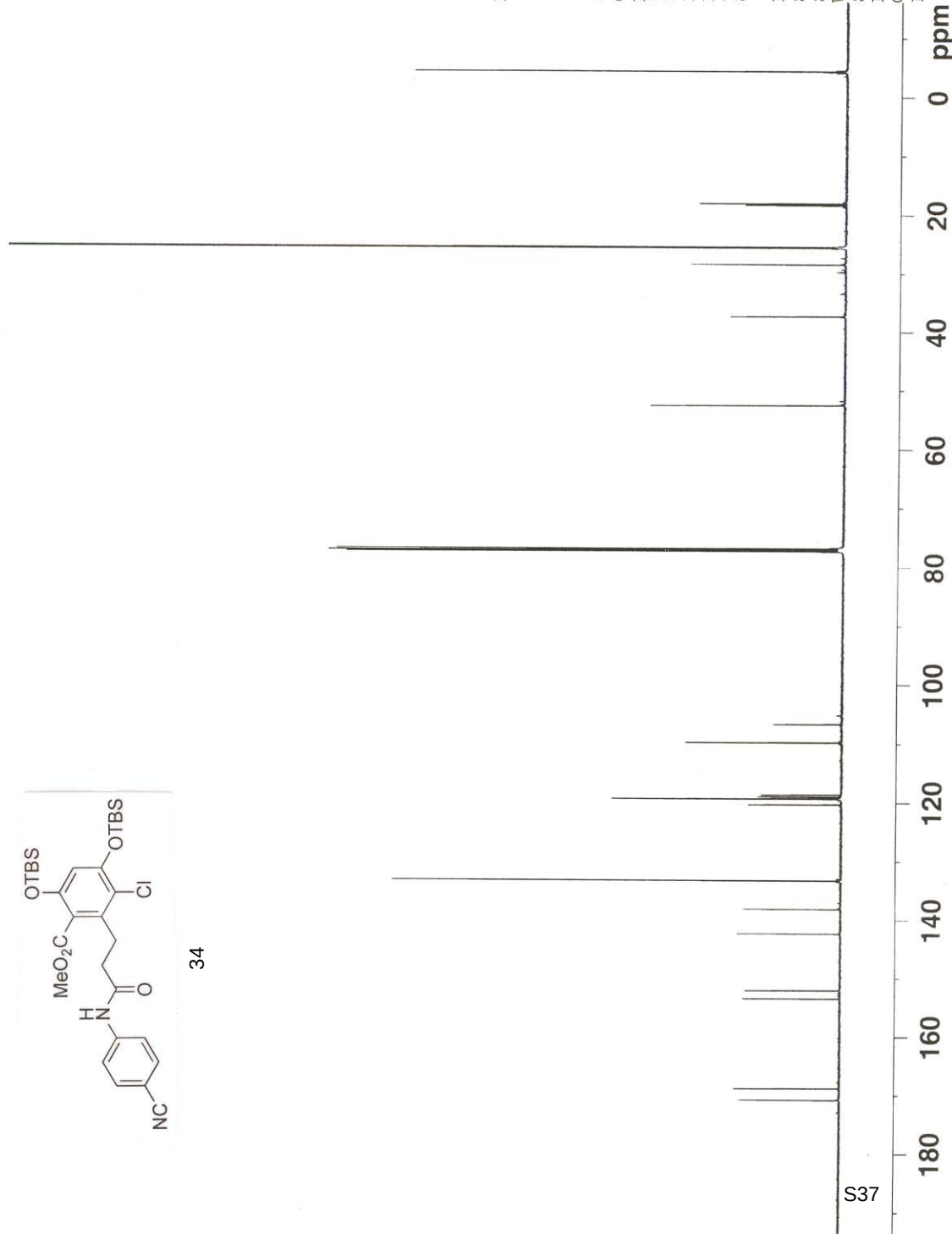
==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



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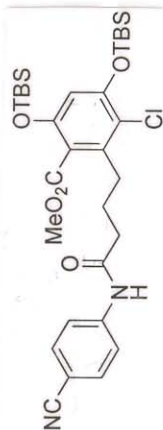




Current Data Parameters
NAME 10.19.07
EXPNO 13
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071019
Time 16.55
INSTRUM dirx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 10
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 114
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz
F2 - Processing parameters
SI 32768
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



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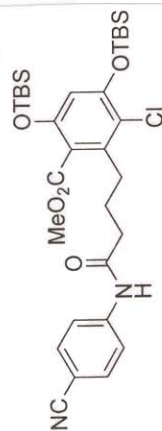
Current Data Parameters
NAME MKH-85A
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071022
Time 15.13
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 100
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

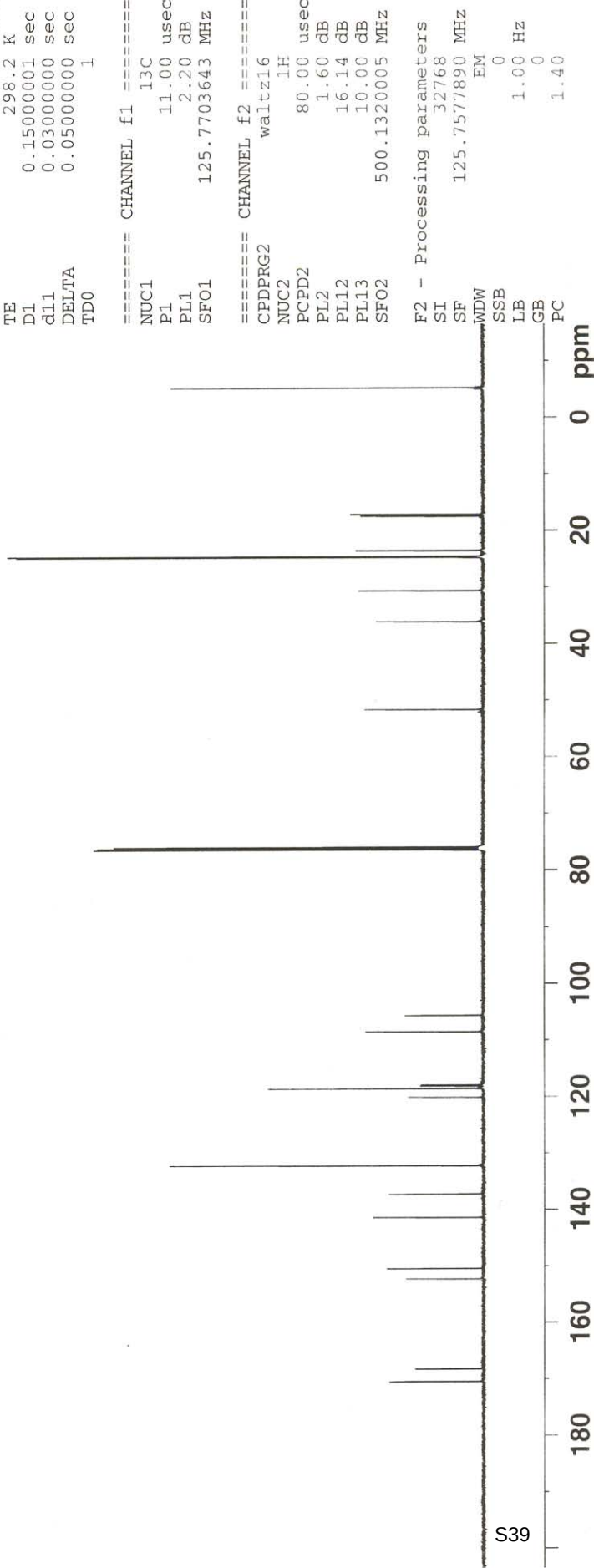
===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



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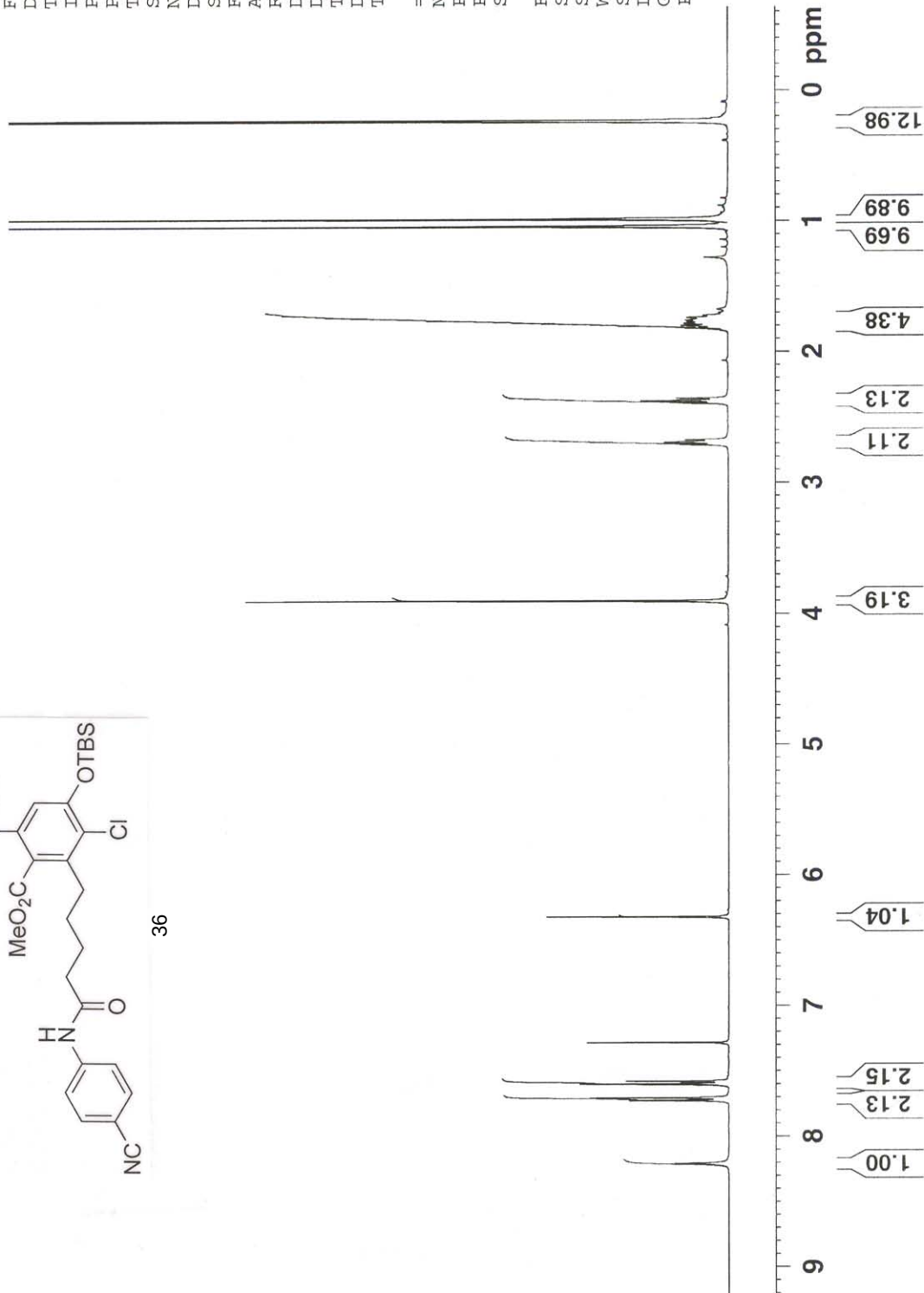
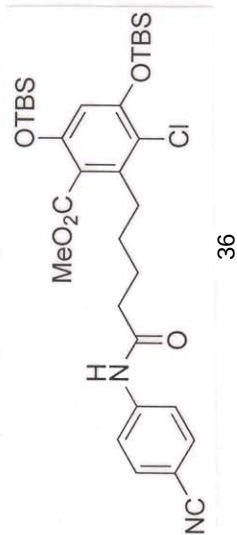


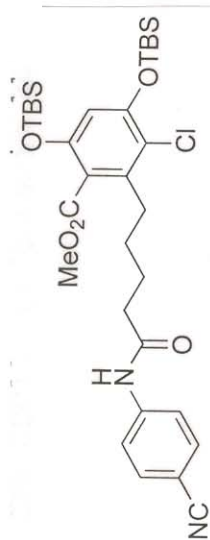


Current Data Parameters
NAME 11.05.07
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071105
Time 14.28
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 14
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 161.3
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz
F2 - Processing parameters
SI 32768
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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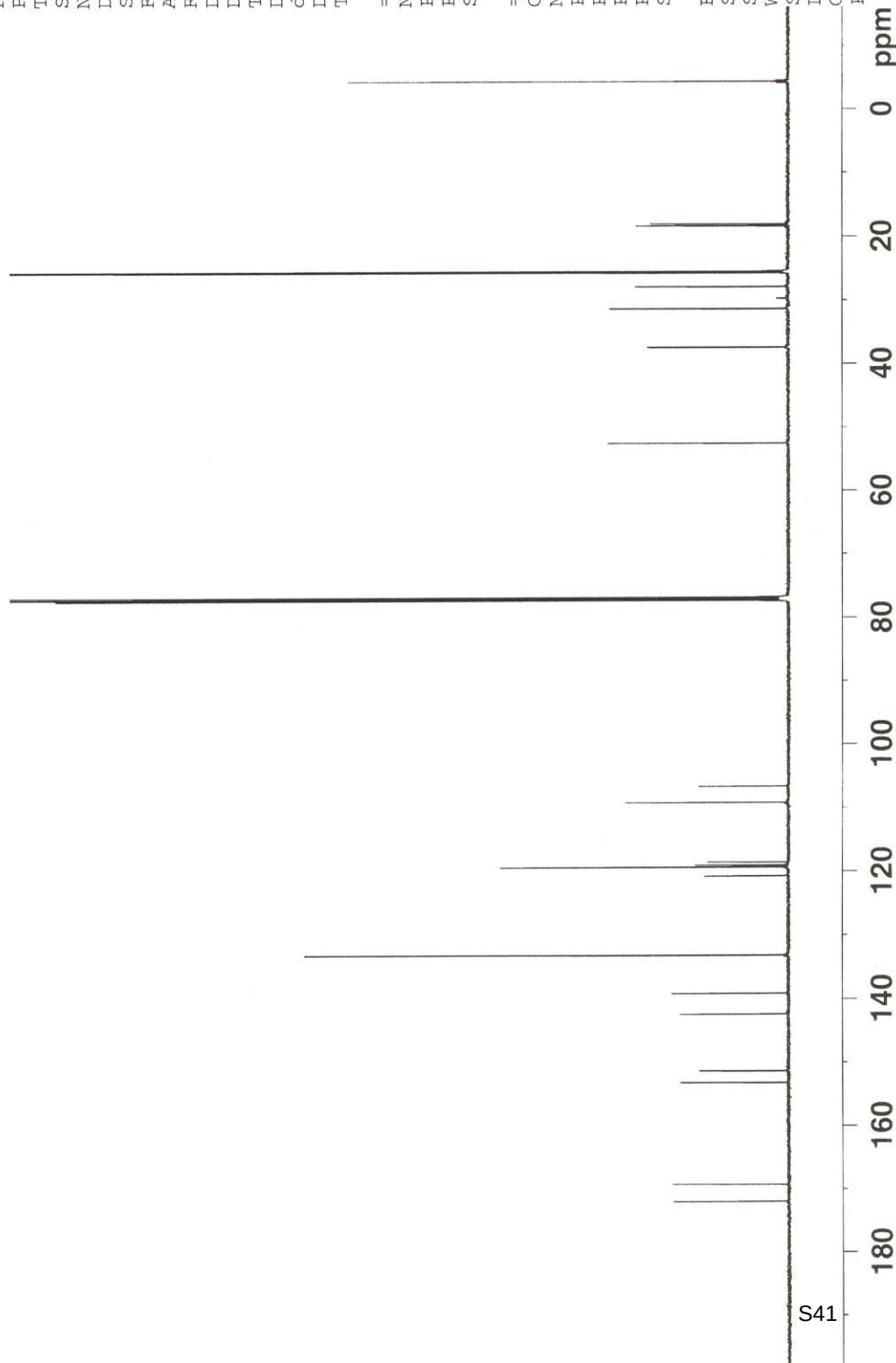
Current Data Parameters
NAME MKH94
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071105
Time 18.18
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



S41

Current Data Parameters
NAME rciv-81-6b
EXPNO 1
PROCNO 1

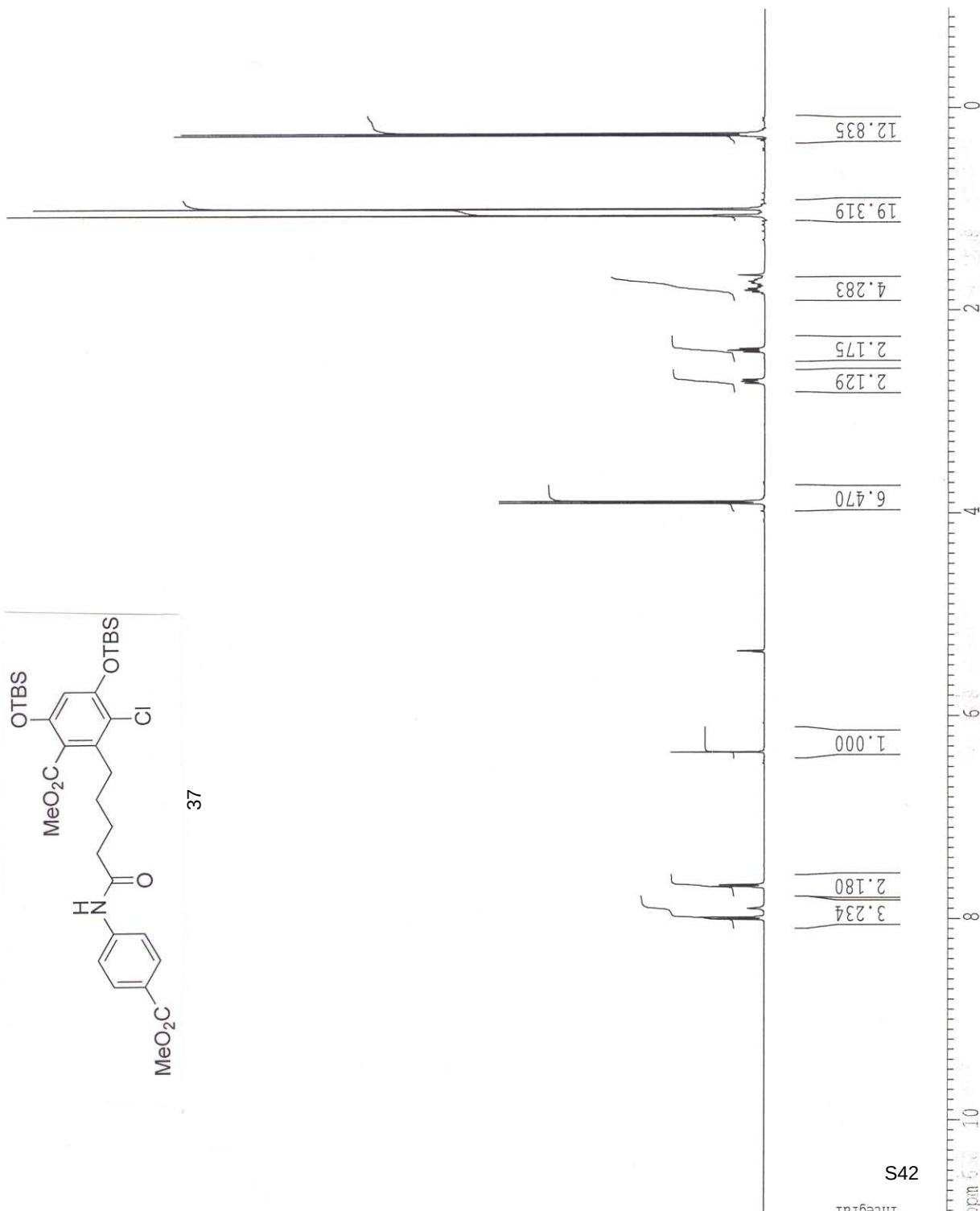
F2 - Acquisition Parameters

Date_ 20050522
Time 6.09
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 32768
SOLVENT CD2Cl2
NS 16
DS 2
SWH 4789.272 Hz
FIDRES 0.146157 Hz
AQ 3.4210291 sec
RG 143.7
DW 104.400 usec
DE 5.50 usec
TE 293.2 K
D1 1.00000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 9.35 usec
PL1 -4.00 dB
SF01 400.1320007 MHz

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

1D NMR plot parameters
CX 20.00 cm
CY 12.50 cm
F1P 11.000 ppm
F1 4401.43 Hz
F2P -1.000 ppm
F2 -400.13 Hz
PPMCM 0.60000 ppm/cm
HZCM 240.07800 Hz/cm



Current Data Parameters
NAME rcIV-81-6b-C13
EXPNO 1
PROCNO 1

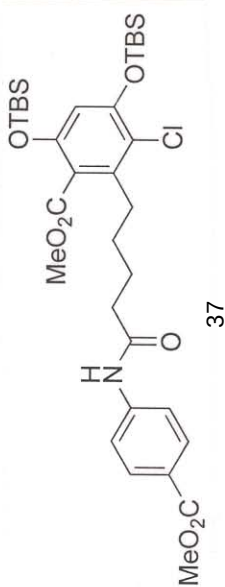
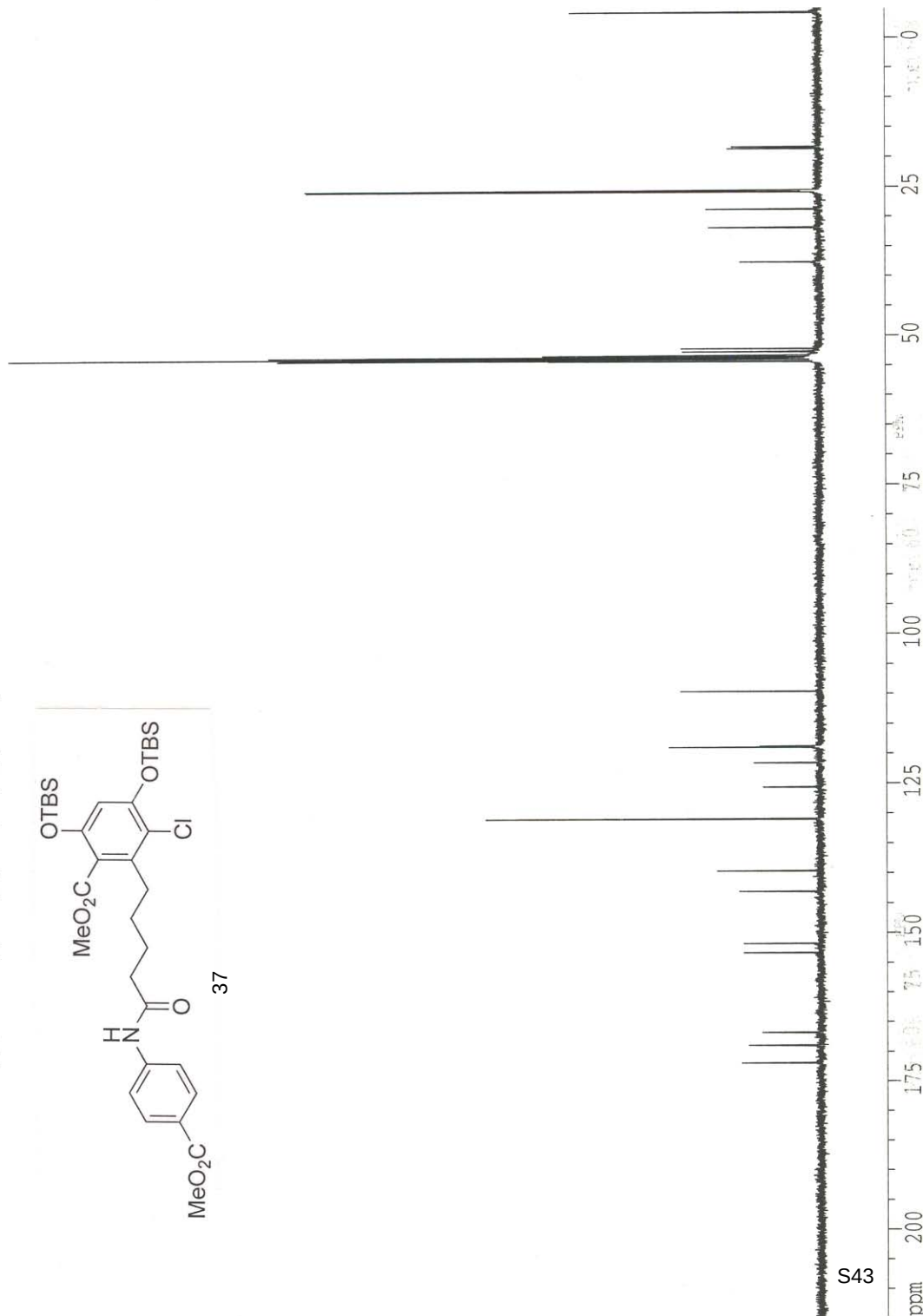
F2 - Acquisition Parameters
Date_ 20050522
Time 7.07
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 2048
DS 4
SWH 23148.148 Hz
FIDRES 0.353213 Hz
AQ 1.4156276 sec
RG 6502
DE 21.600 usec
TE 293.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec

===== CHANNEL f1 =====
NUC1 13C
P1 11.25 usec
PL1 2.00 dB
SFO1 100.6232933 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -4.00 dB
PL12 16.58 dB
PL13 17.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 65536
SF 100.6127290 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
CY 12.50 cm
F1P 215.000 ppm
F1 21631.74 Hz
F2P -5.000 ppm
F2 -503.06 Hz
PPMCM 11.00000 ppm/cm
HZCM 1106.73999 Hz/cm







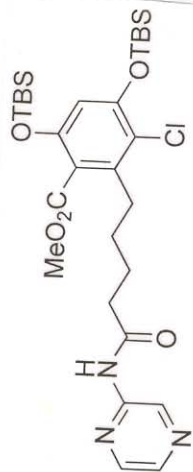
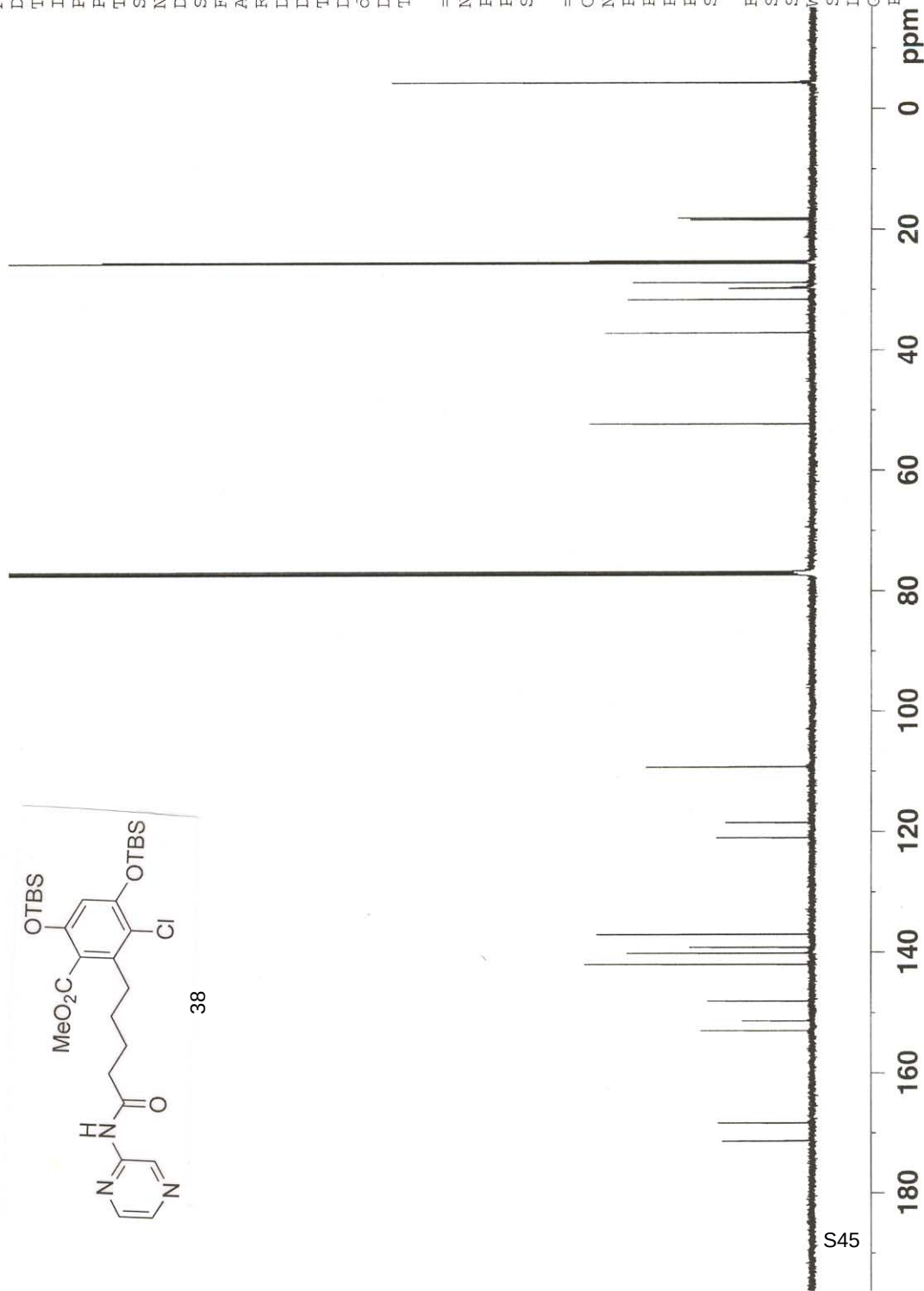
Current Data Parameters
NAME Sat4CP-7
EXPNO 1
PROCNO 1

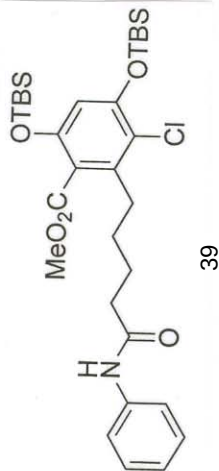
F2 - Acquisition Parameters
Date_ 20071129
Time 9.39
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 256
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 16384
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40





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





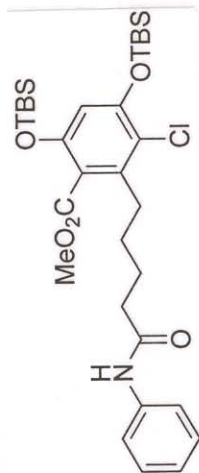
Current Data Parameters
NAME MKH-86
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071023
Time 16.20
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 100
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 14596.5
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

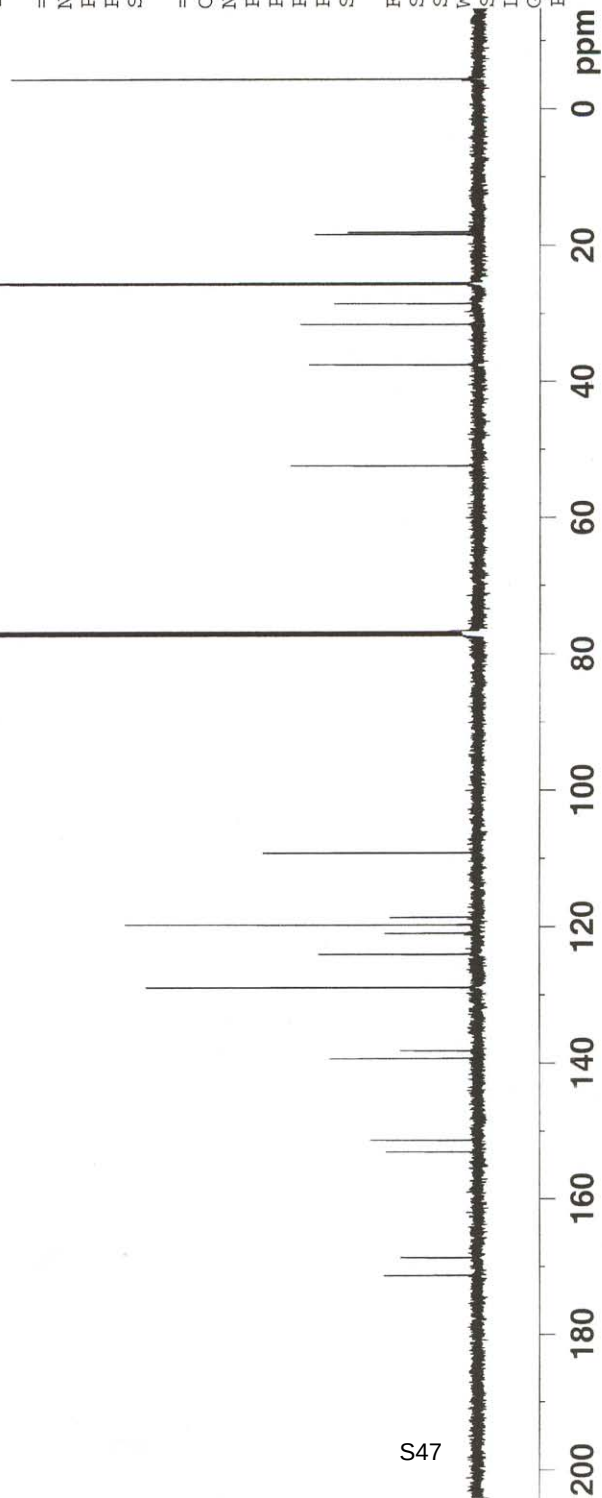
==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



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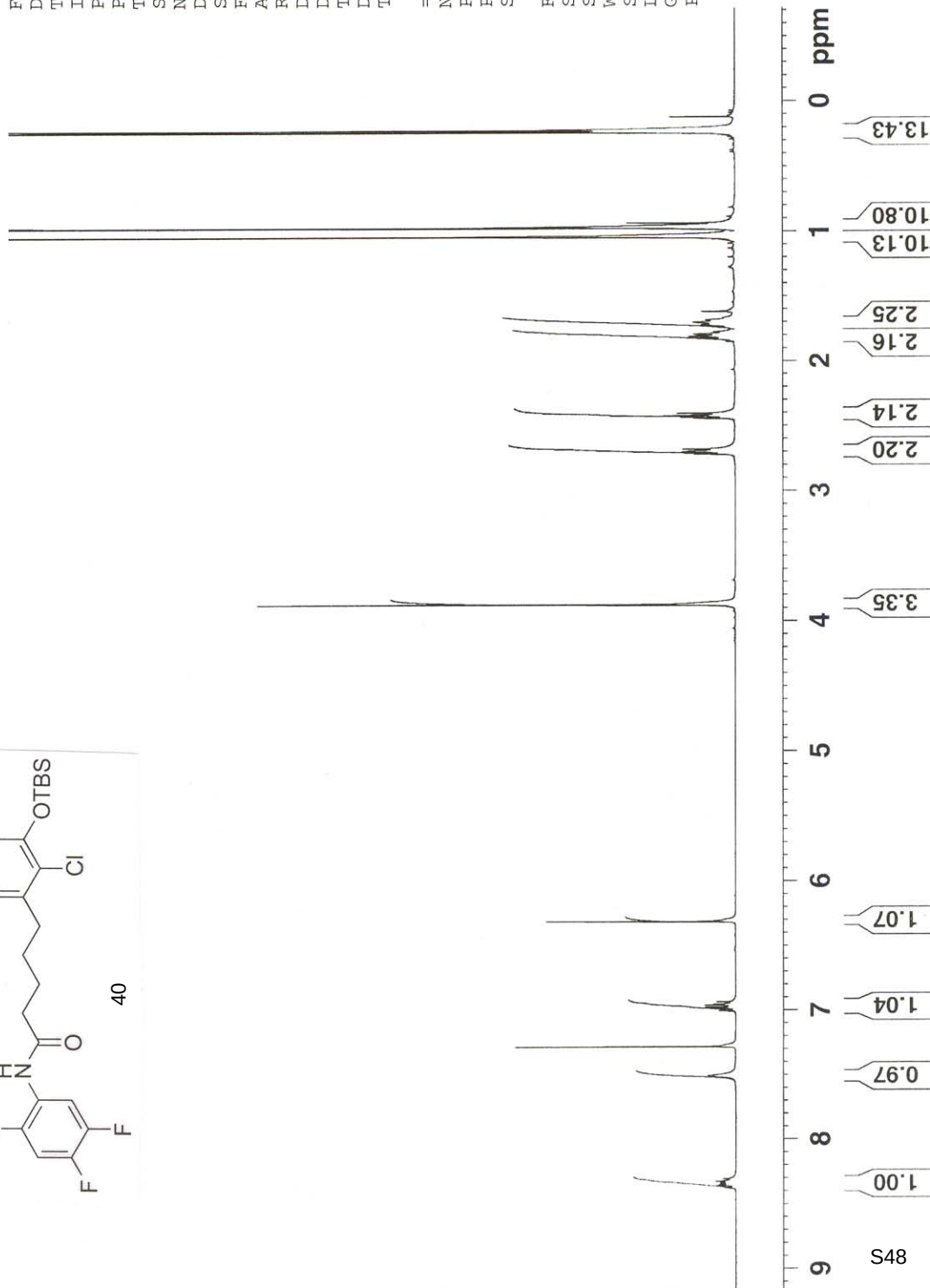
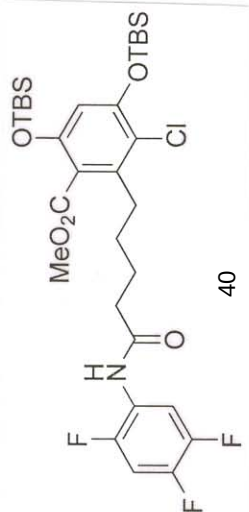


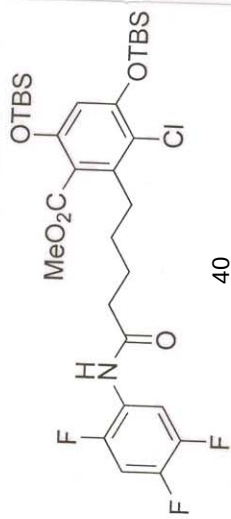
Current Data Parameters
NAME 11.07.07
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071107
Time 15.37
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 11
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 181
DW 60.400 usec
DE 6.00 usec
TE 296.2 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SF01 400.1324710 MHz

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





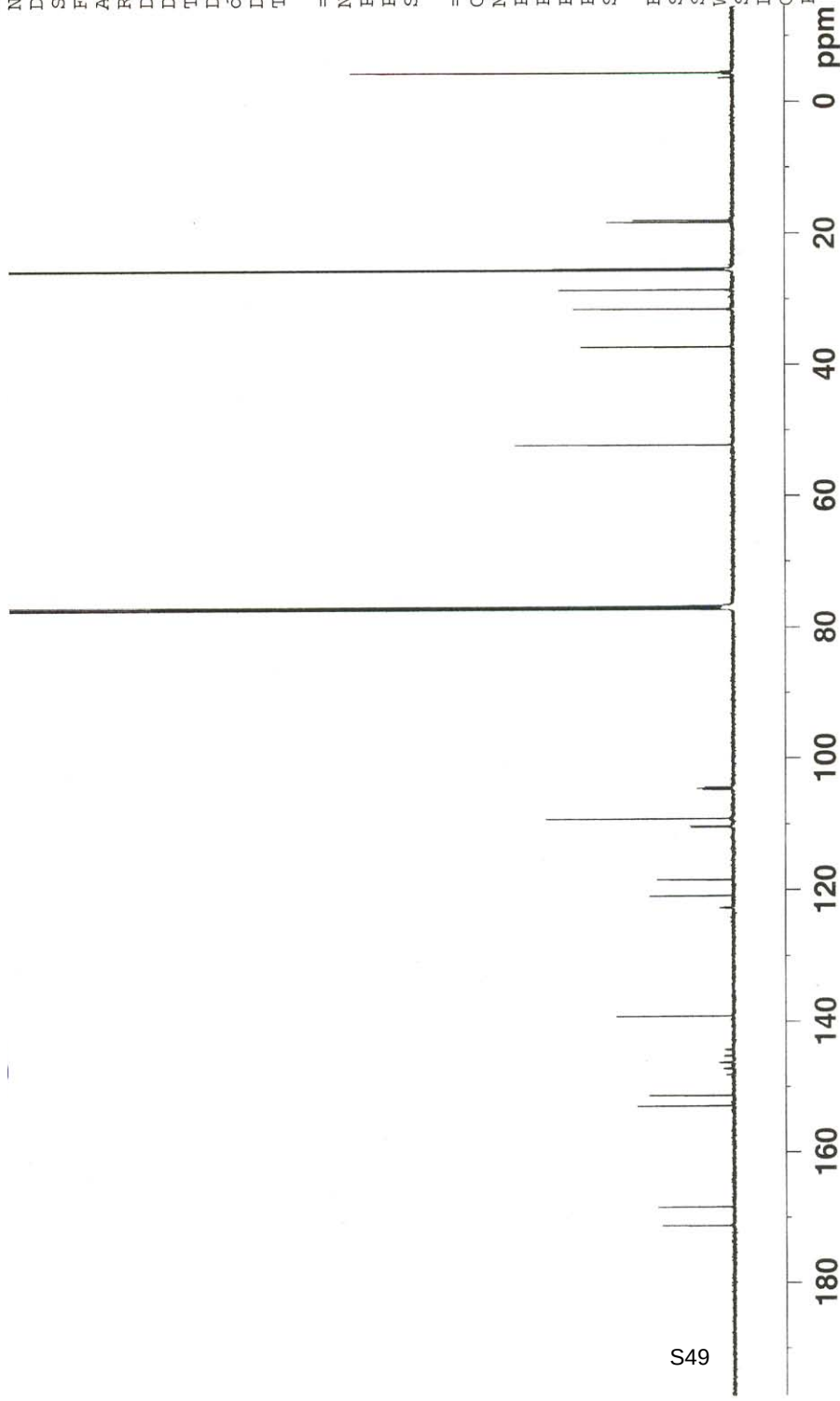
Current Data Parameters
NAME Sat4CP-8
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071107
Time 19.00
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 14596.5
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



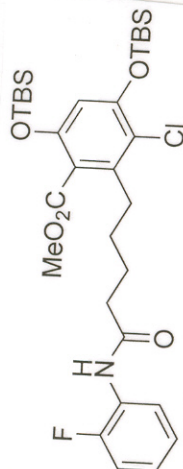
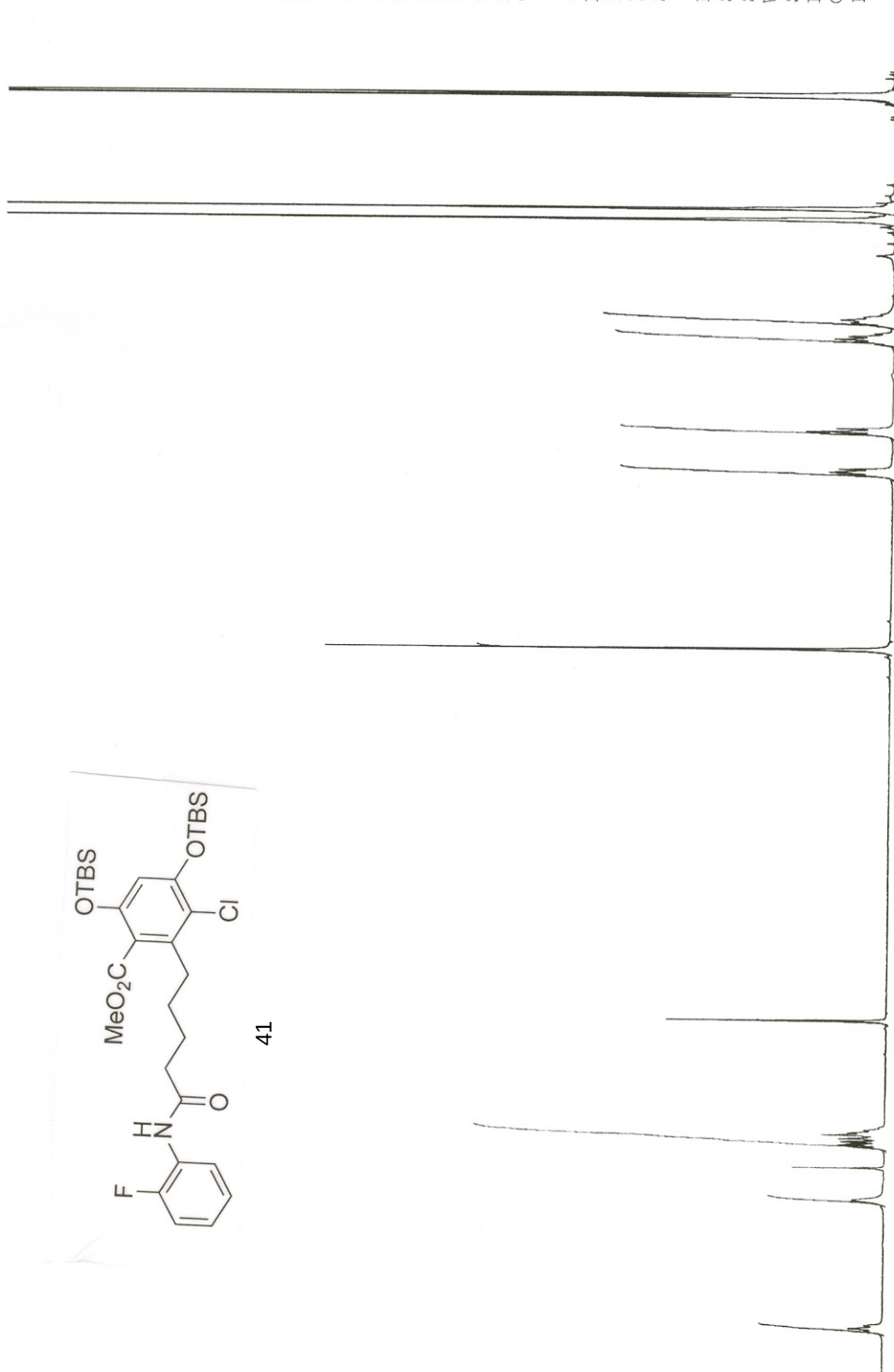


Current Data Parameters
NAME 11.07.07
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071107
Time 13.21
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 5
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 114
DW 60.400 use
DE 6.00 use
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 use
PL1 -5.00 dB
SF01 400.1324710 MHz

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



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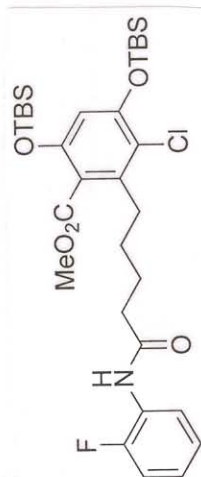
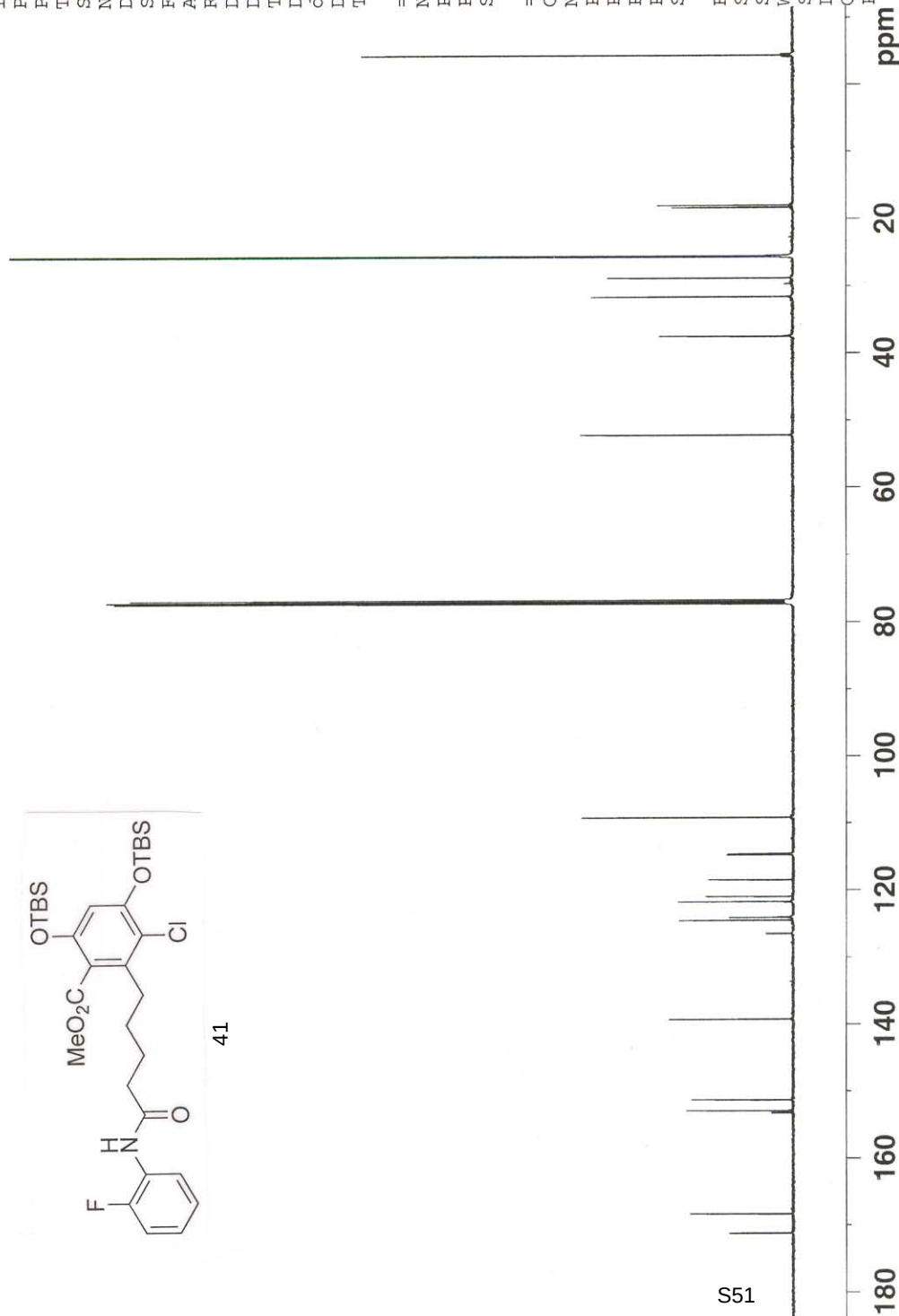
Current Data Parameters
NAME Sat4CP-3
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071107
Time 18.43
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

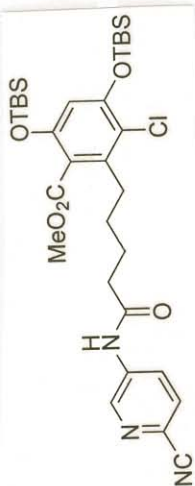
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



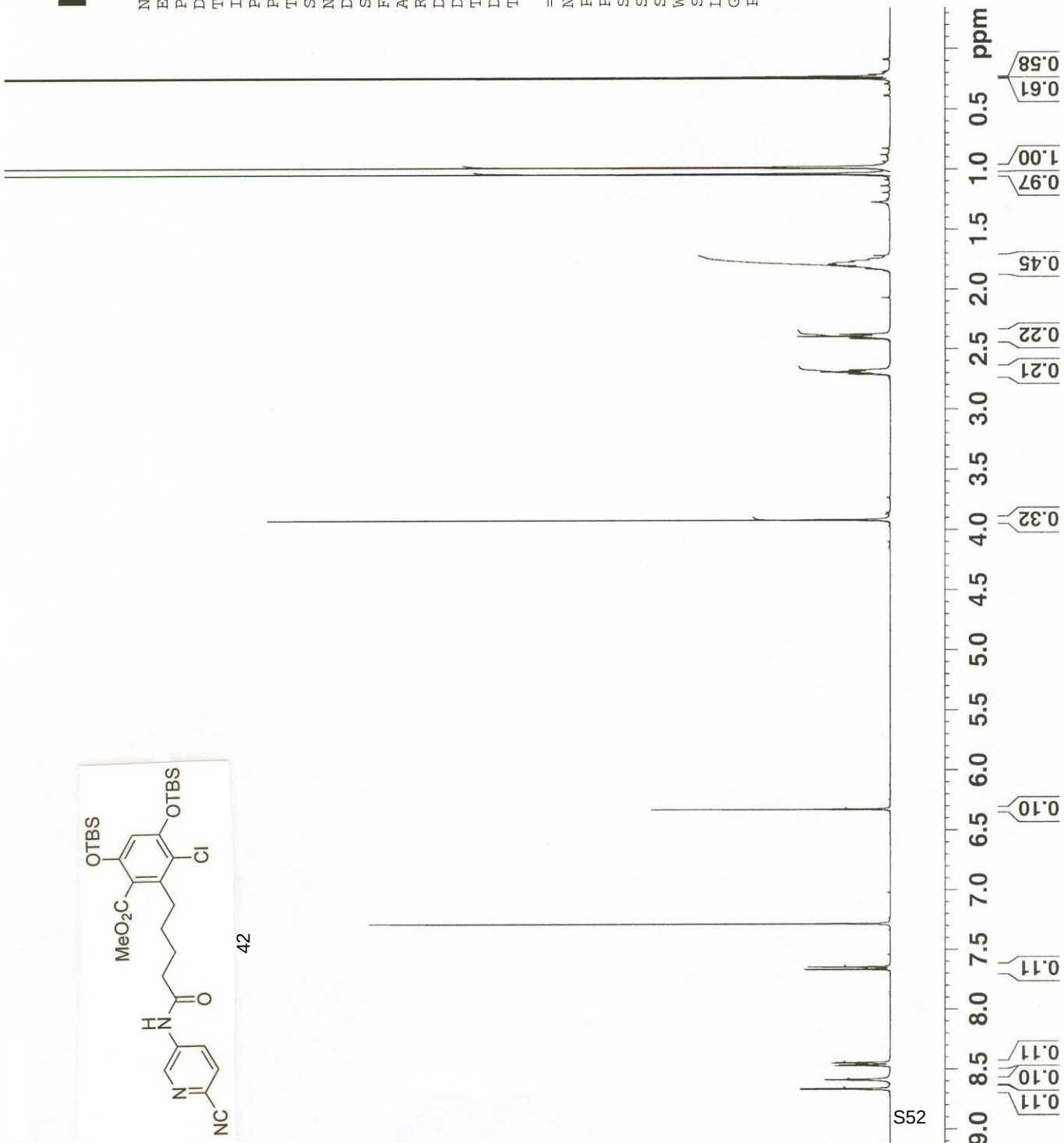
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S51



NAME	1.22.00
EXPNO	3
PROCNO	1
Date_	20080122
Time	11.05
INSTRUM	drx400
PROBHD	5 mm QNP 1H/13
PULPROG	zg30
TD	65536
SOLVENT	CDC13
NS	7
DS	2
SWH	8278.146
FIDRES	0.126314
AQ	3.9584243
RG	114
DW	60.400
DE	6.00
TE	294.2
D1	1.00000000
TD0	1

```
===== CHANNEL f1 =====
NUC1      1H
P1         10.50 usec
PL1        -5.00 dB
SFO1       400.1324710 MHz
SI         32768
SF         400.1300000 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00
```

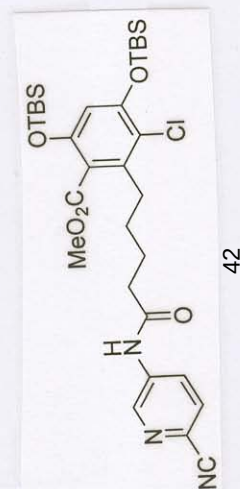




NAME Sat4CP-11
EXPNO 2
PROCNO 1
Date_ 20080122
Time 17.19
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz
SI 32768
SF 125.7577890 MHz
EM 0
SSB 1.00 Hz
LB 0
GB 0
PC 1.40



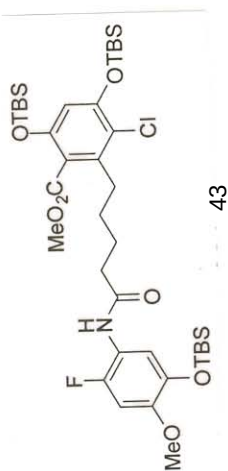


Current Data Parameters
NAME 11.14.07
EXPNO 3
PROCNO 1

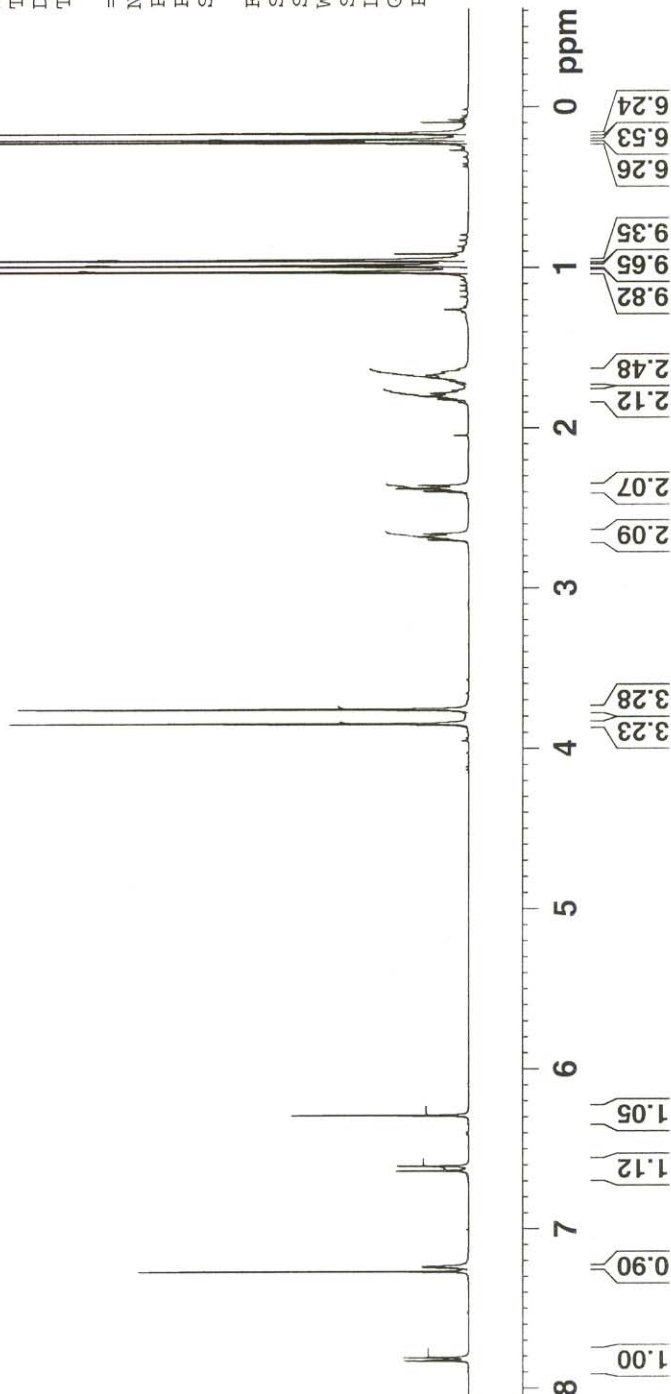
F2 - Acquisition Parameters
Date_ 20071114
Time 8.07
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 57
DW 60.400 usec
DE 6.00 usec
TE 296.2 K
D1 1.00000000 sec
TD0 1

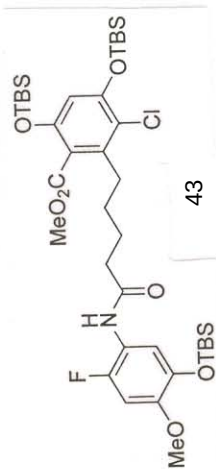
==== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300055 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



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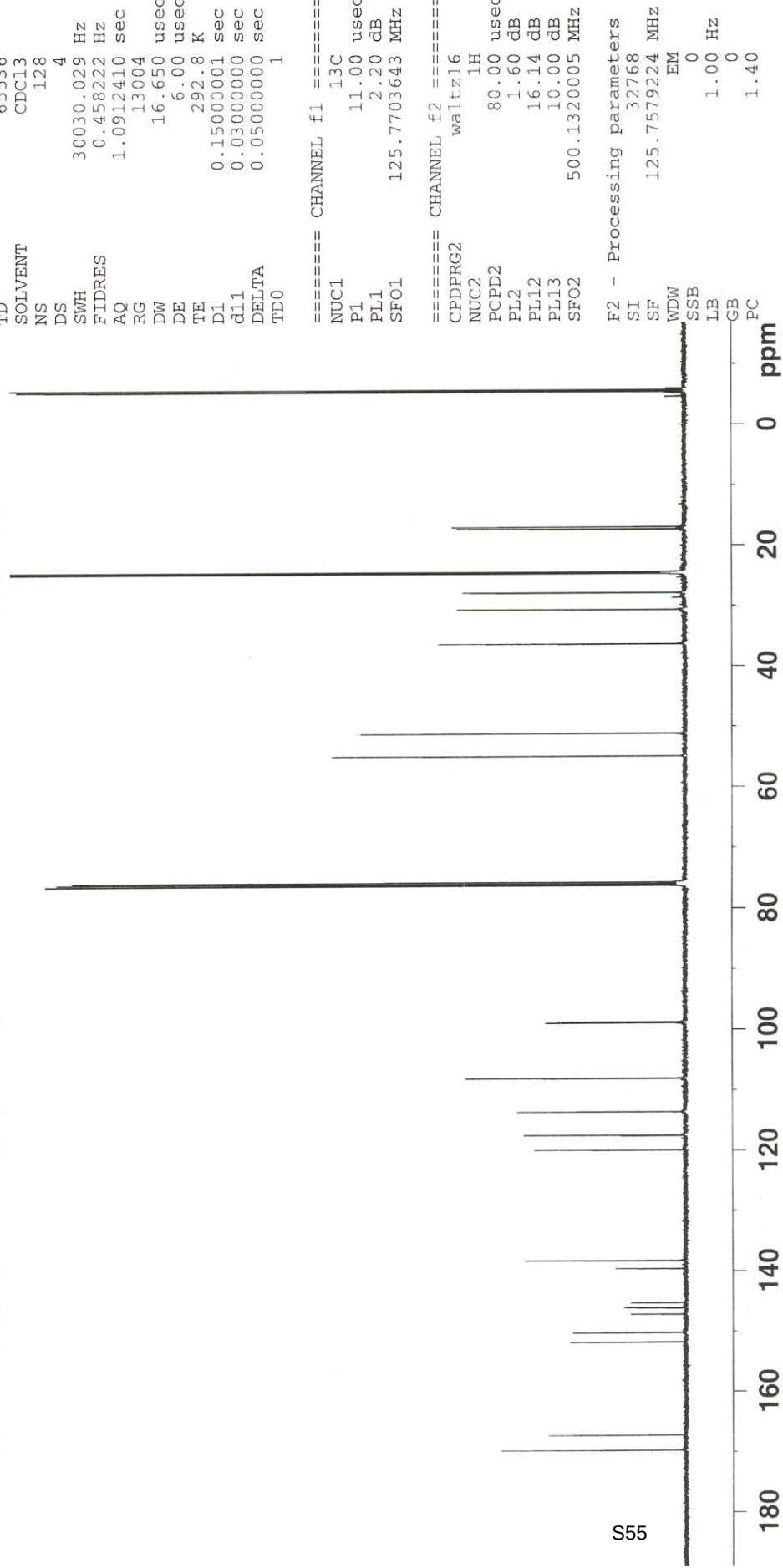
Current Data Parameters
NAME MKH-95
EXPNO 2
PROCNO 1

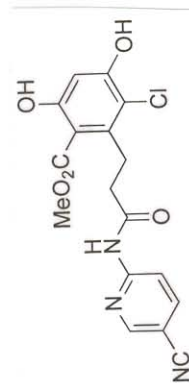
F2 - Acquisition Parameters
Date_ 20071116
Time 10.12
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 128
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 292.8 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7579224 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40





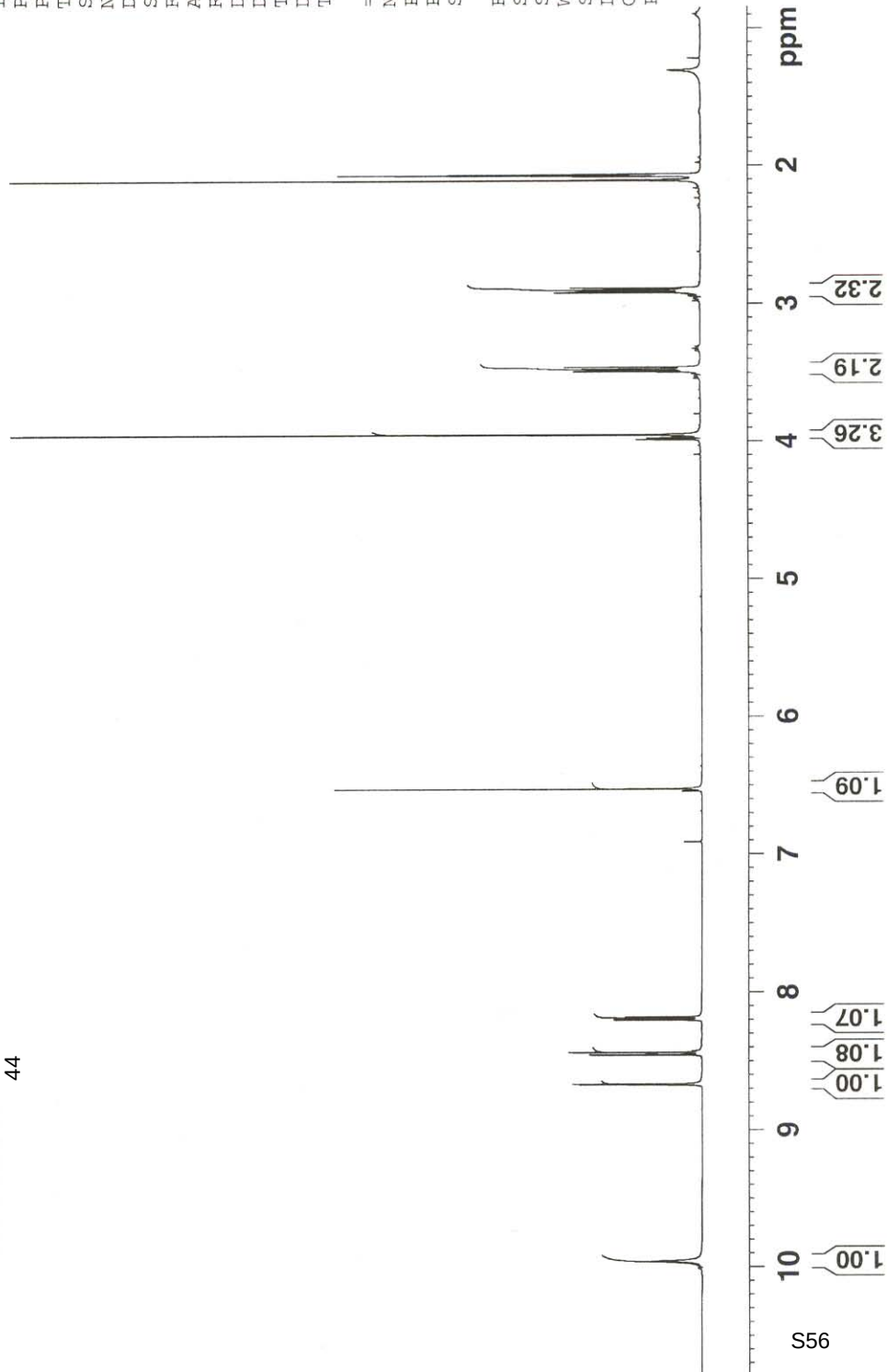
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Current Data Parameters
NAME Sat2CA-2
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071204
Time 17.26
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 16
DS 2
SWH 10330.578 Hz
FIDRES 0.157632 Hz
AQ 3.1720407 sec
RG 574.7
DW 48.400 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 15.00 usec
PL1 1.60 dB
SFO1 500.1330885 MHz

F2 - Processing parameters
SI 32768
SF 500.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





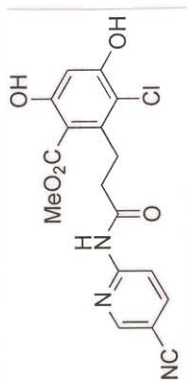
Current Data Parameters
NAME Sat2CA-2
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071204
Time 17.43
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 768
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 6502
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

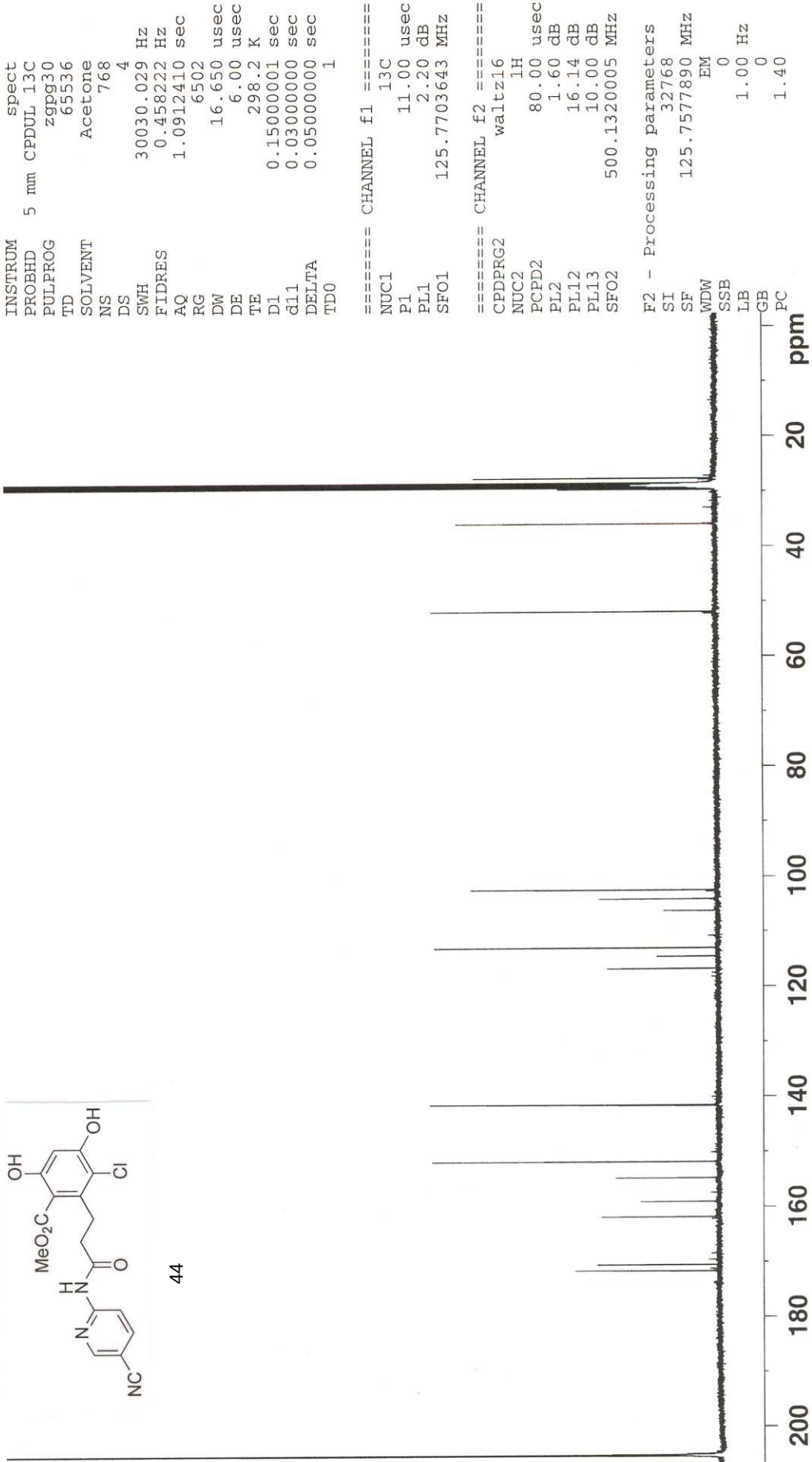
===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

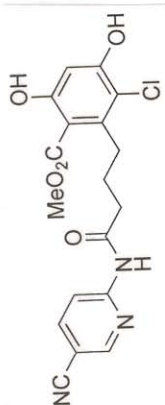
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
PC 1.40



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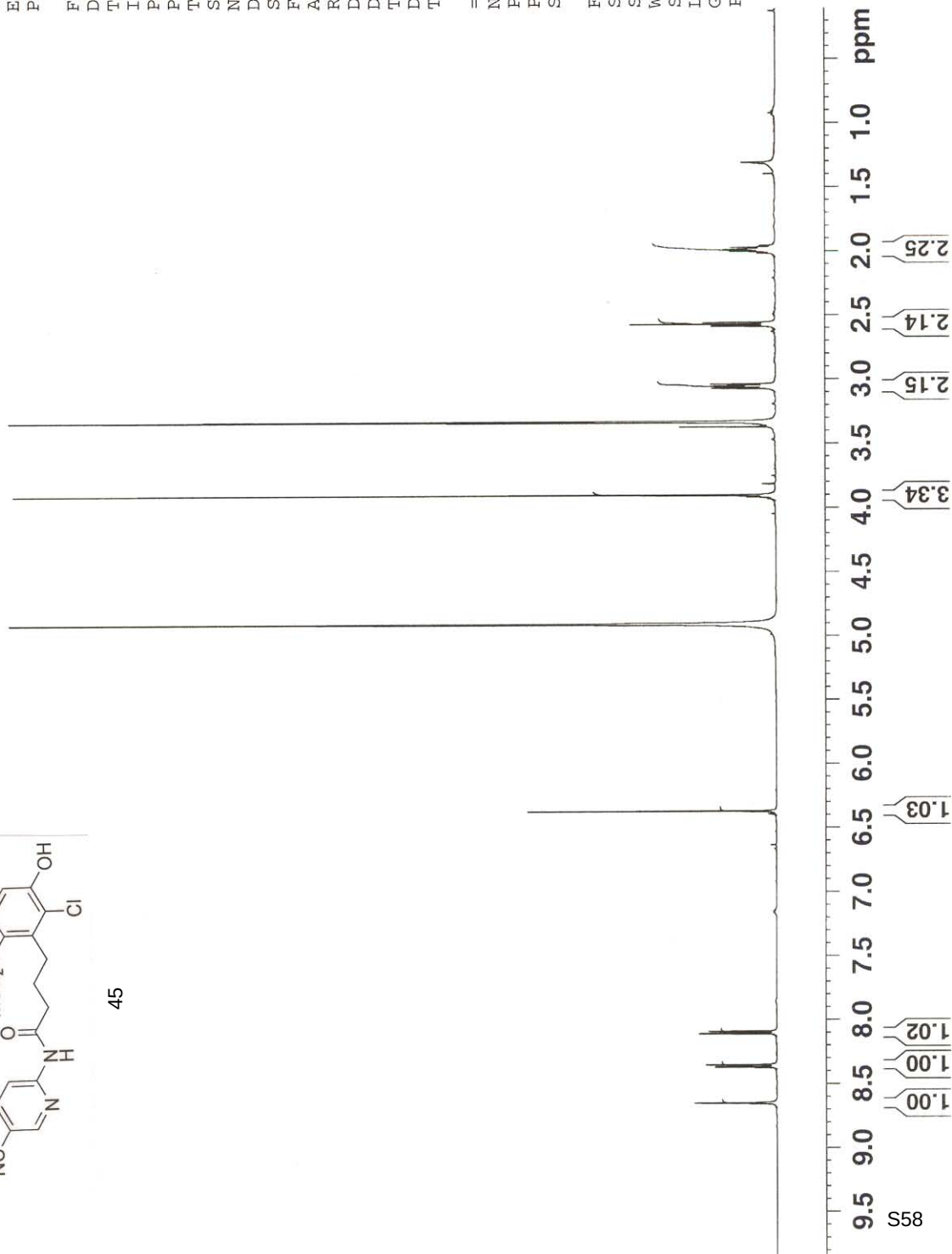
45

Current Data Parameters
NAME Sat3CA-4
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071204
Time 17.49
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 16
DS 2
SWH 10330.578 Hz
FIDRES 0.157632 Hz
AQ 3.1720407 sec
RG 456.1
DW 48.400 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 15.00 usec
PL1 1.60 dB
SFO1 500.1330885 MHz

F2 - Processing parameters
SI 32768
SF 500.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





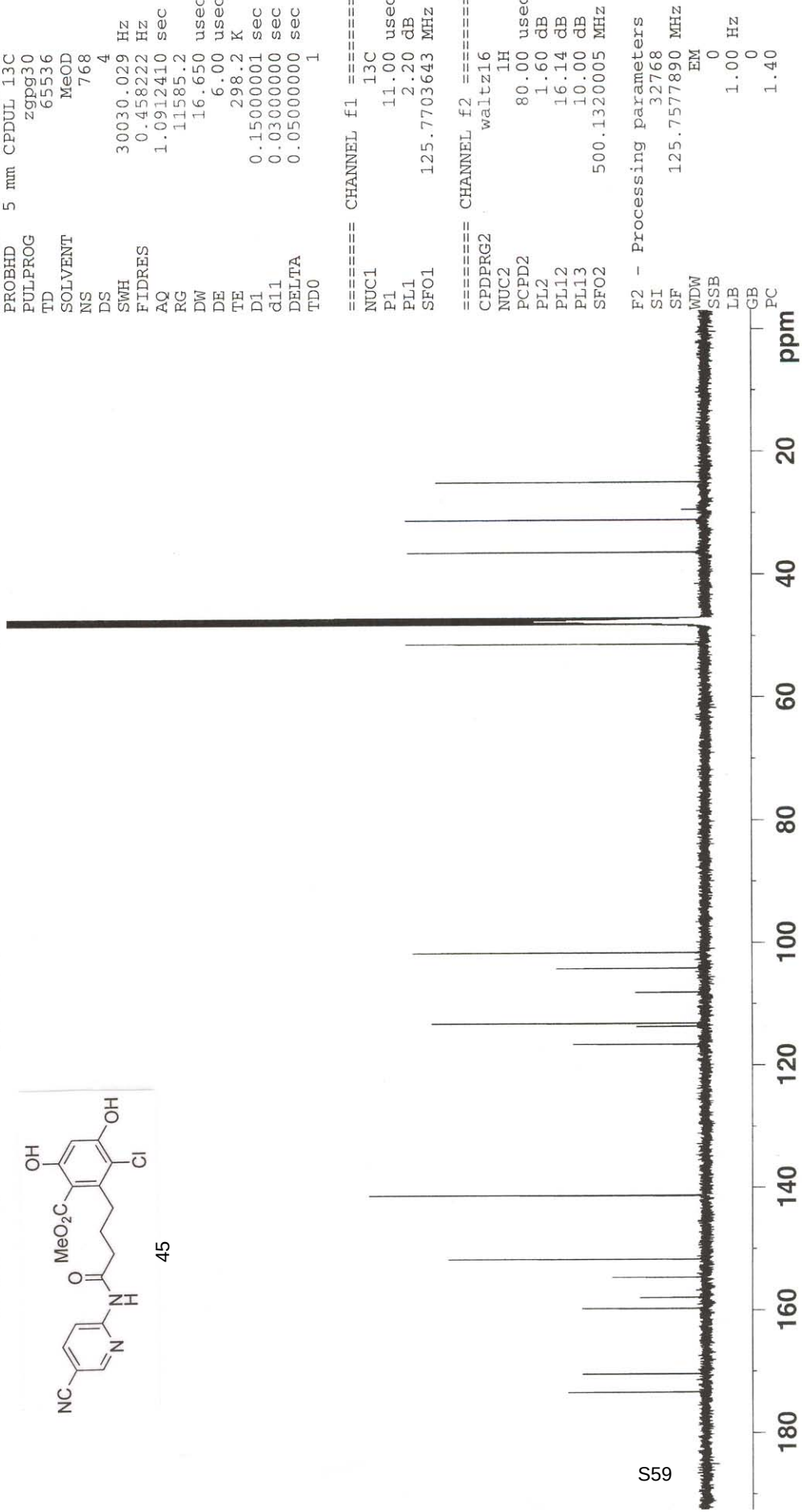
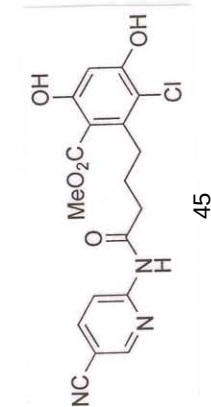
Current Data Parameters
NAME Sat3CA-4
EXPNO 2
PROCNO 1

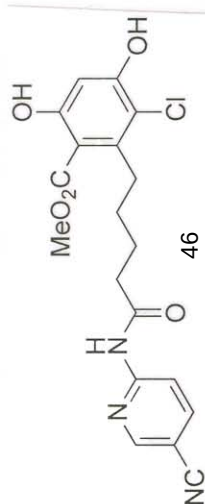
F2 - Acquisition Parameters
Date_ 20071204
Time 18.06
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 768
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 11585.2
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



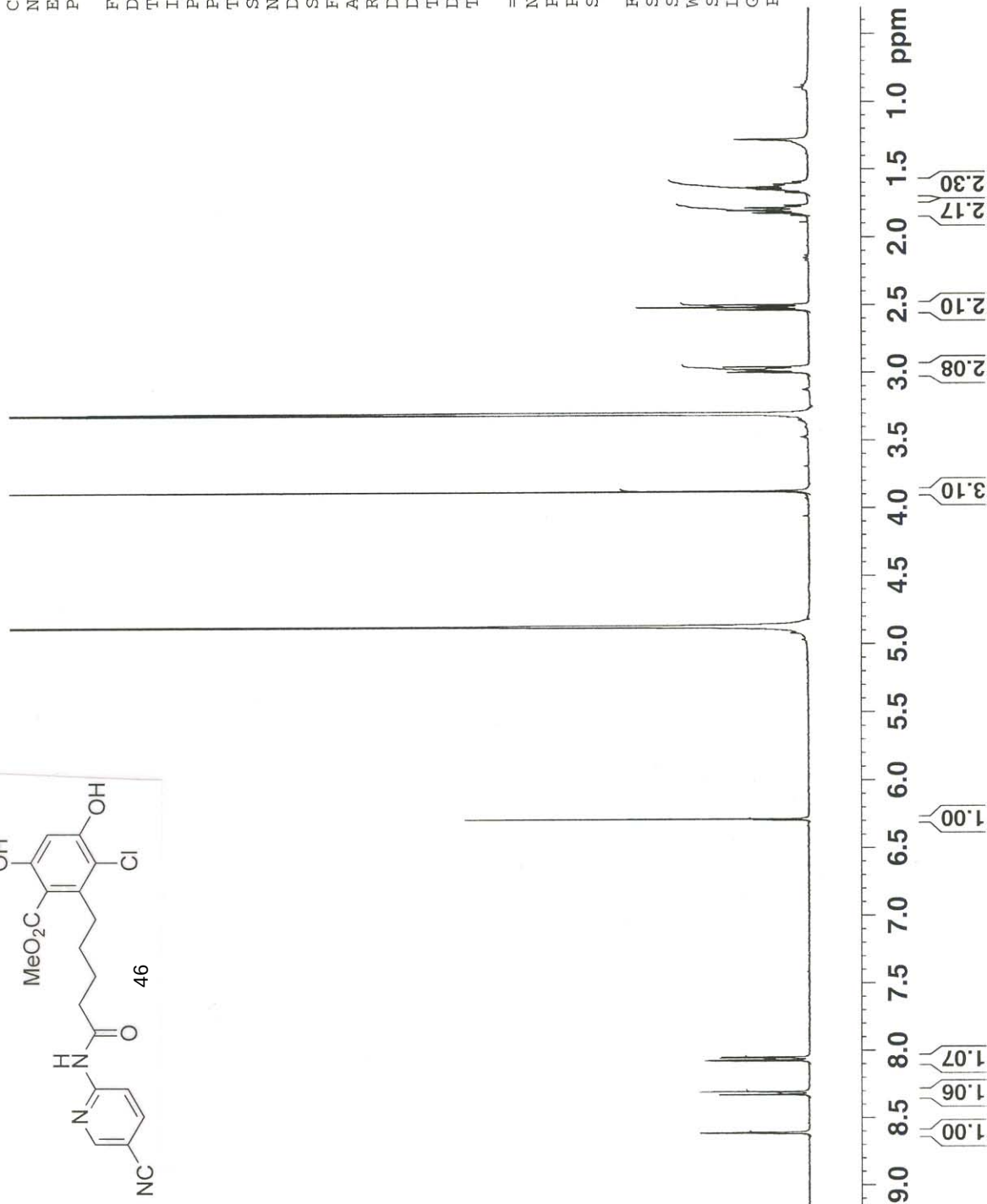


Current Data Parameters
NAME 11.28.07
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071128
Time 8.00
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 20
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 645.1
DW 60.400 usec
DE 6.00 usec
TE 296.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1295026 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





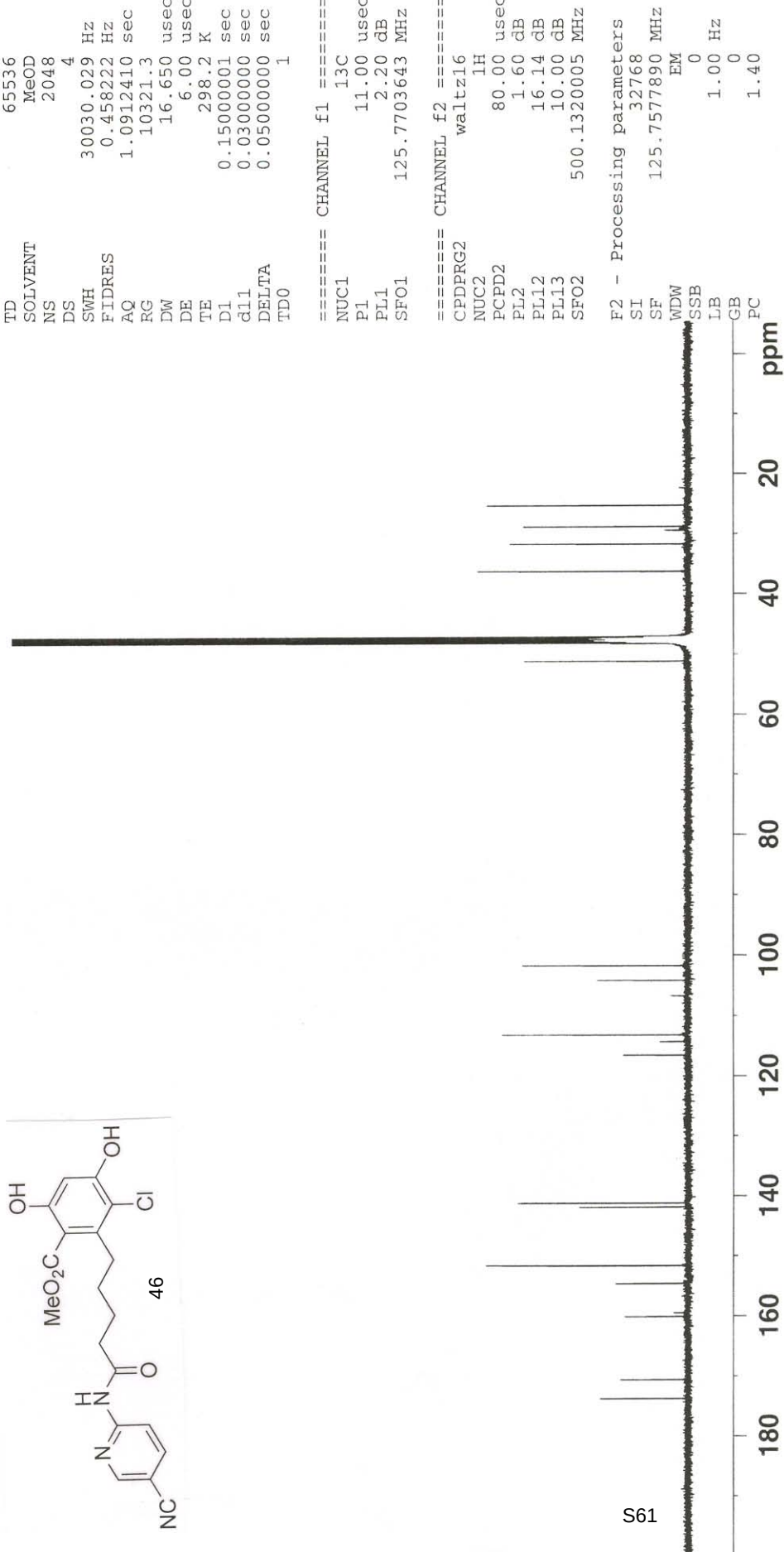
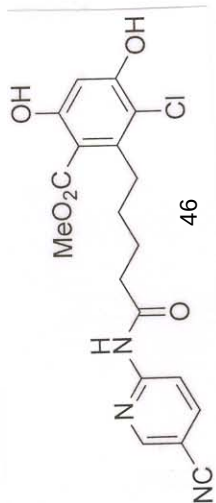
Current Data Parameters
NAME Sat4CA-5
EXPNO 2
PROCNO 1

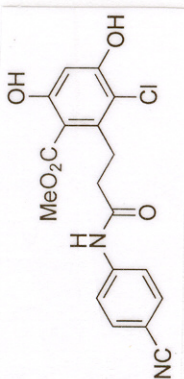
F2 - Acquisition Parameters
Date_ 20071128
Time 18.53
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 2048
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 10321.3
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40





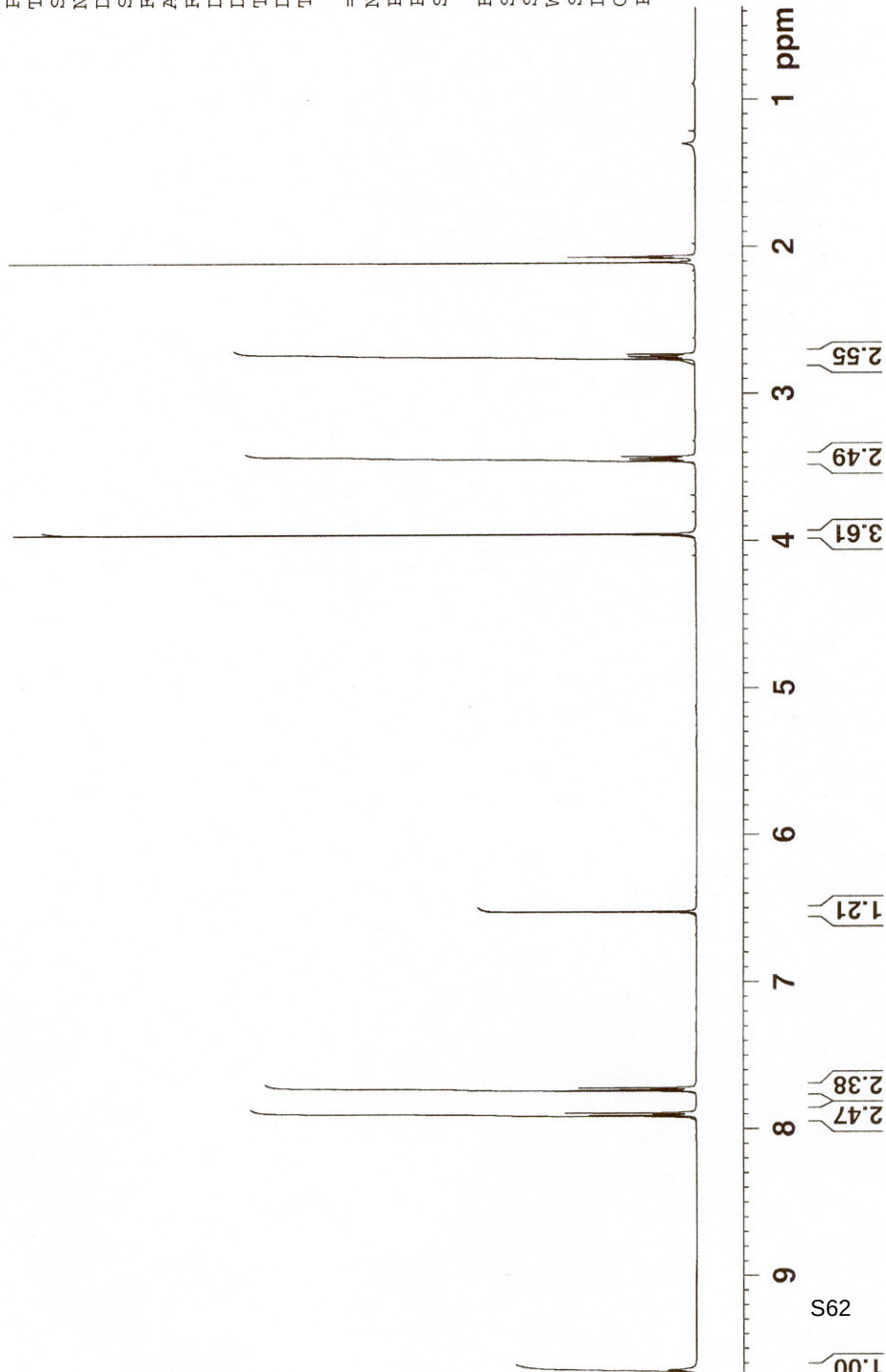
47

Current Data Parameters
NAME Sat2CA-1
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071116
Time 10.36
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 16
DS 2
SWH 10330.578 Hz
FIDRES 0.157632 Hz
AQ 3.1720407 sec
RG 322.5
DW 48.400 usec
DE 6.00 usec
TE 292.8 K
D1 0.15000001 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 15.00 usec
PL1 1.60 dB
SFO1 500.1330885 MHz

F2 - Processing parameters
SI 32768
SF 500.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





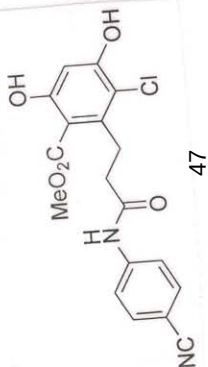
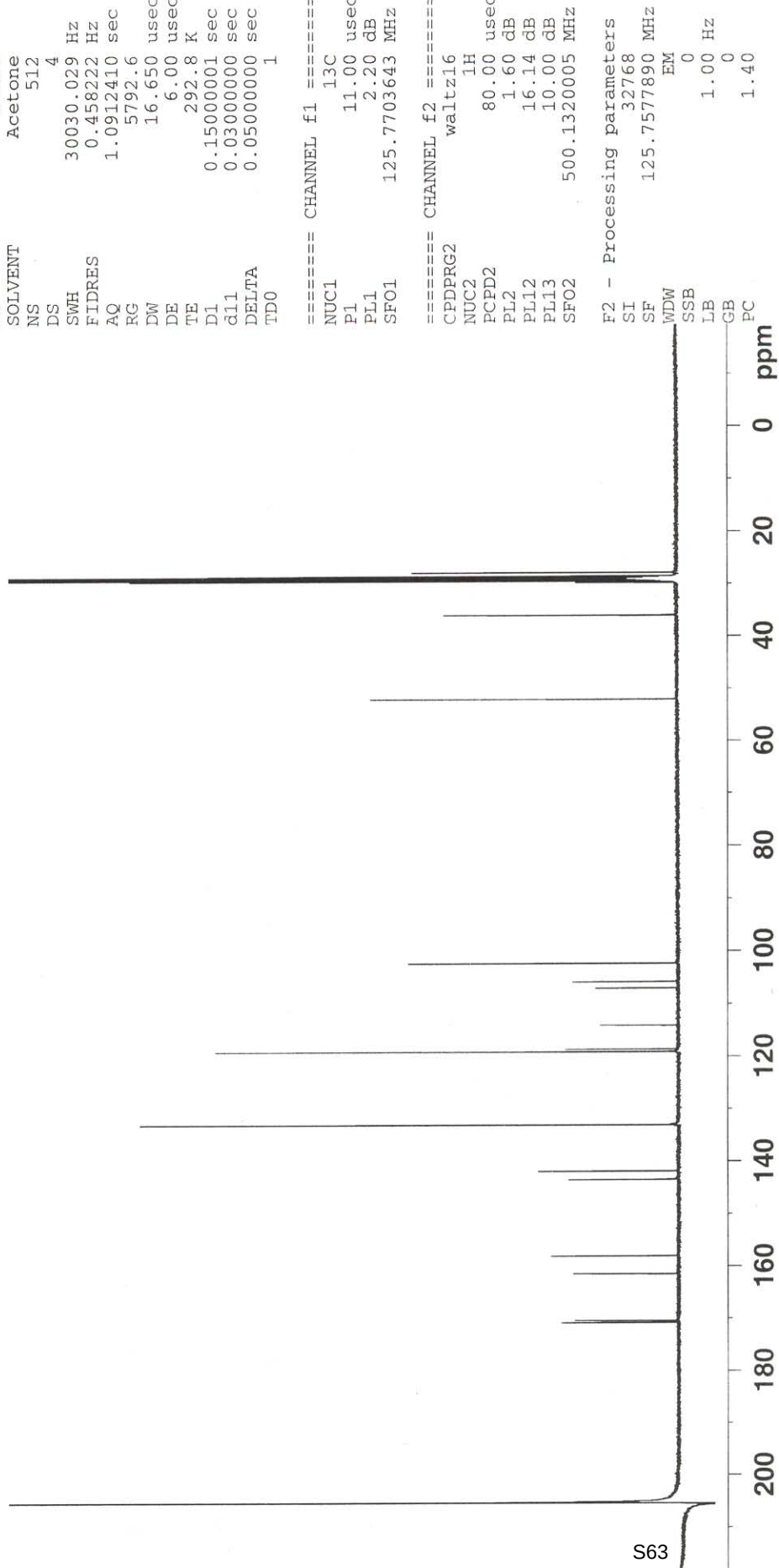
Current Data Parameters
NAME Sat2CA-1
EXPNO 2
PROCNO 1

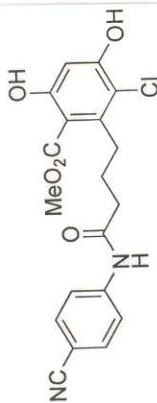
F2 - Acquisition Parameters
Date_ 20071116
Time 10.48
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 5792.6
DW 16.650 usec
DE 6.00 usec
TE 292.8 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TDO 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40





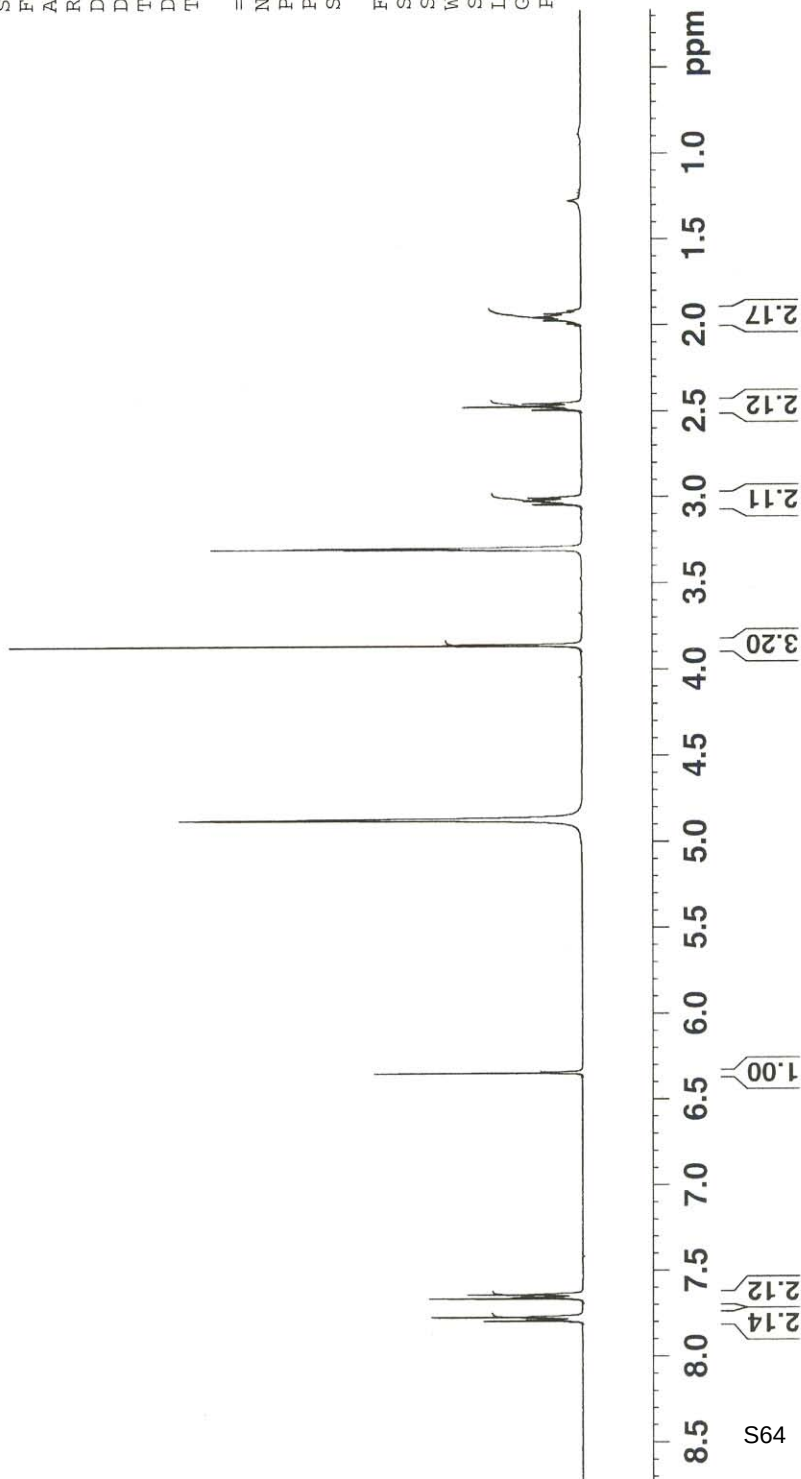
48

Current Data Parameters
NAME 11.28.07
EXPNO 4
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071128
Time 10.03
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 11
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 362
DW 60.400 usec
DE 6.00 usec
TE 296.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1295026 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





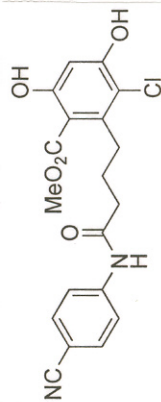
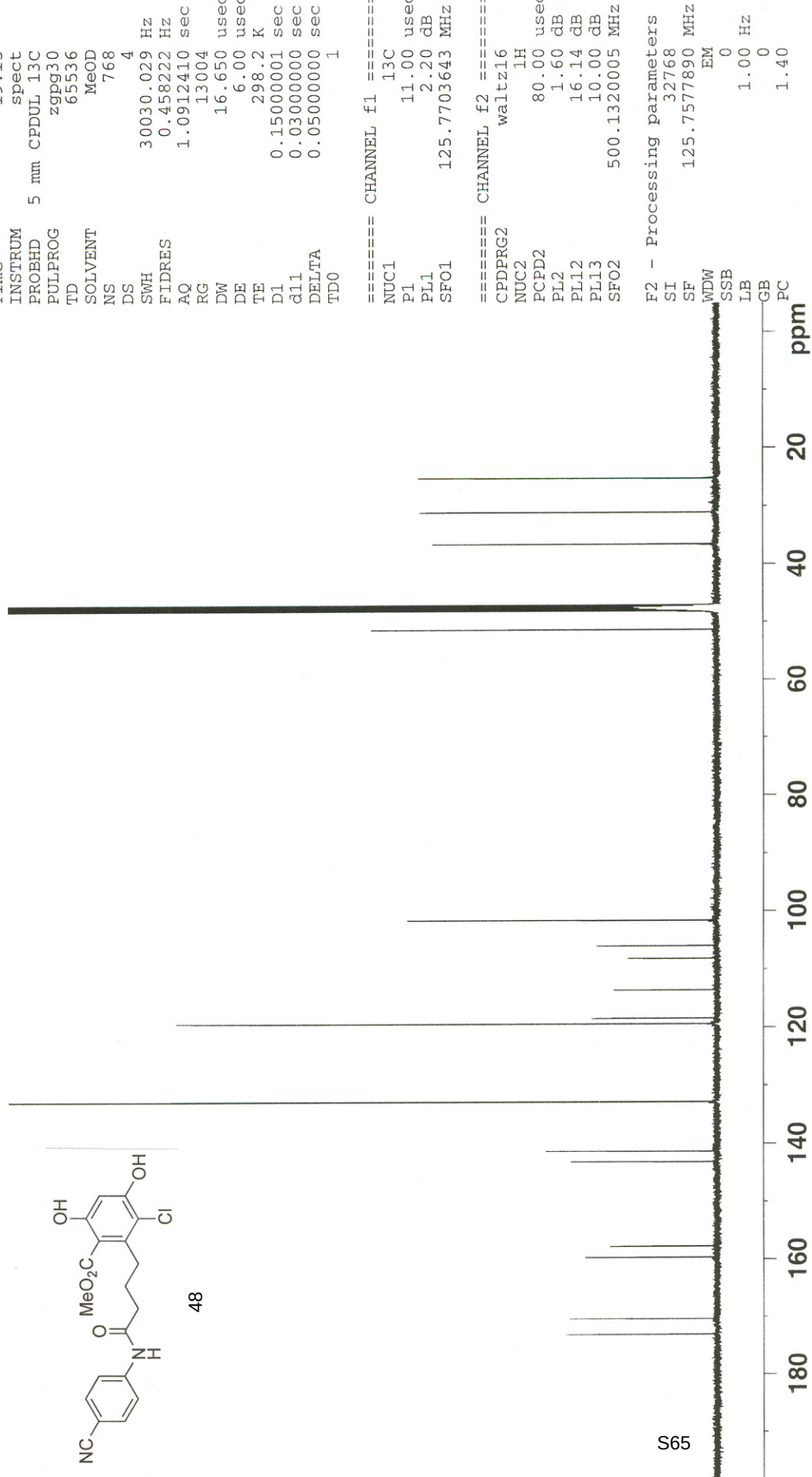
Current Data Parameters
NAME Sat3CA-3
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071128
Time 19.15
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 768
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

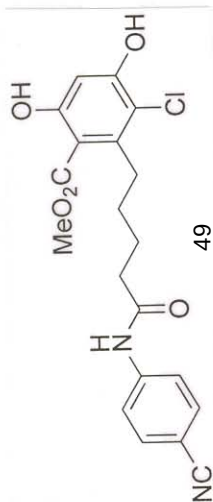
==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



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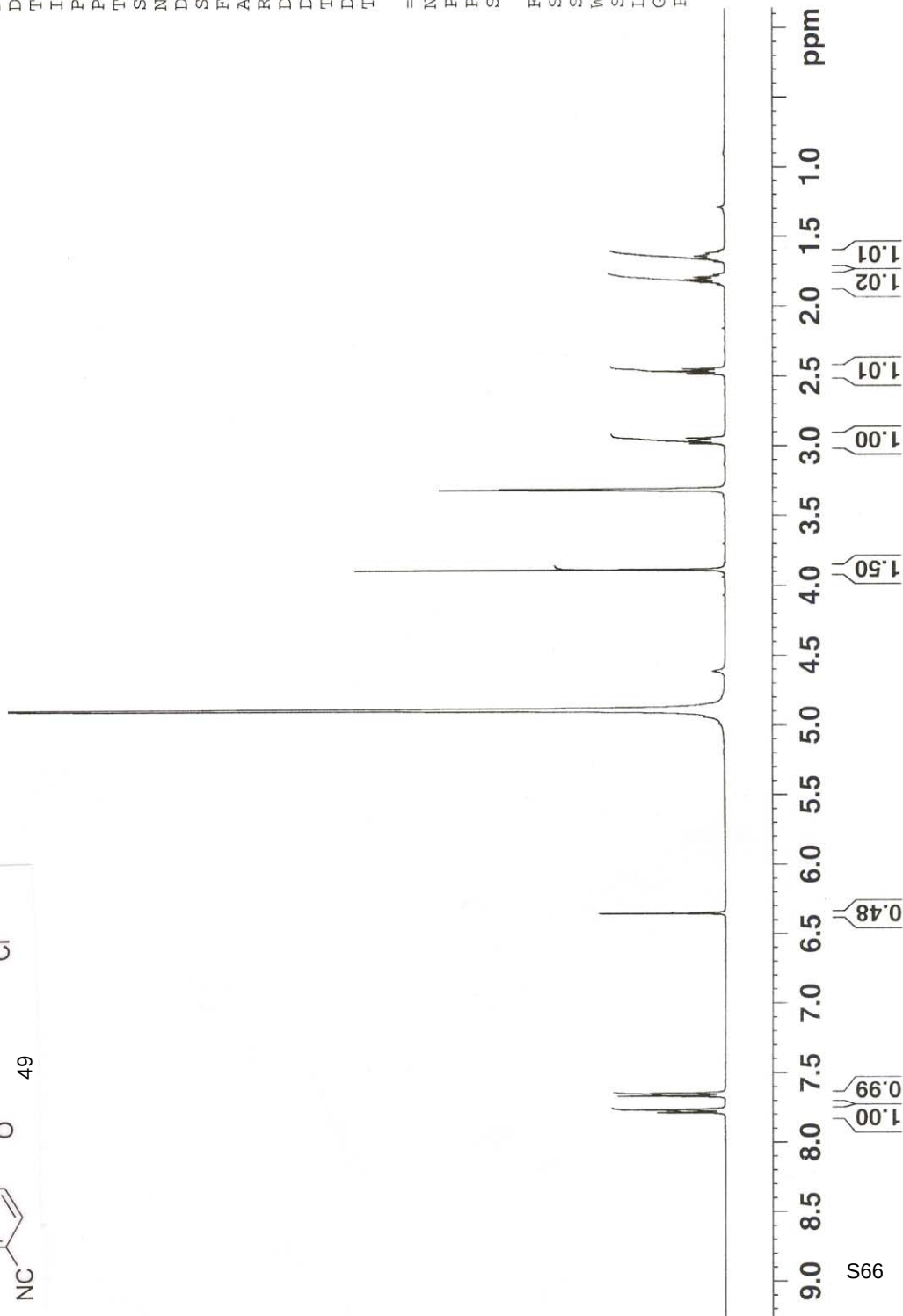


Current Data Parameters
NAME 11.14.07
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071114
Time 8.00
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 18
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 228.1
DW 60.400 usec
DE 6.00 usec
TE 296.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1294986 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





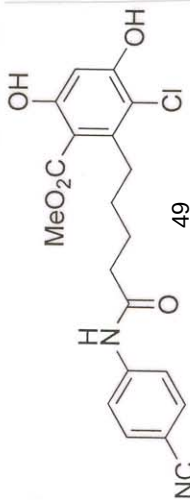
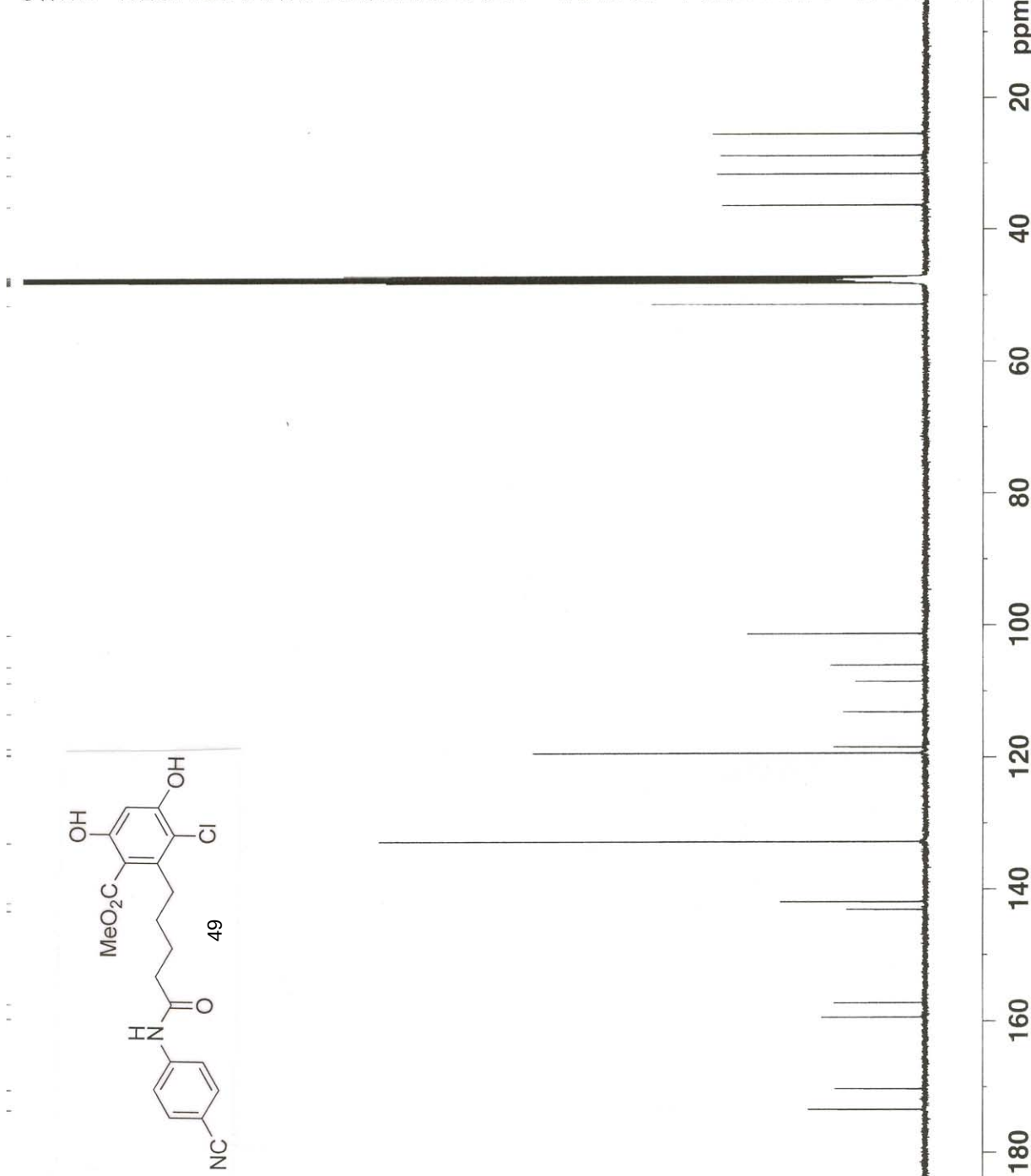
Current Data Parameters
NAME MKH-97B
EXPNO 2
PROCNO 1

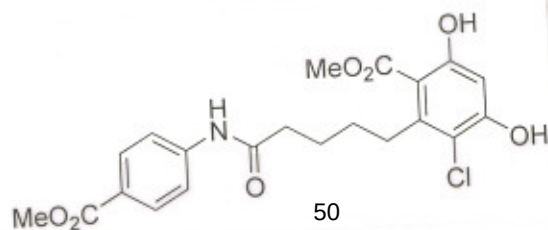
F2 - Acquisition Parameters
Date_ 20071116
Time 10.04
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 11585.2
DW 16.650 usec
DE 6.00 usec
TE 292.8 K
D1 0.15000001 sec
g11
DELTA 0.03000000 sec
TD0 0.05000000 sec
1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



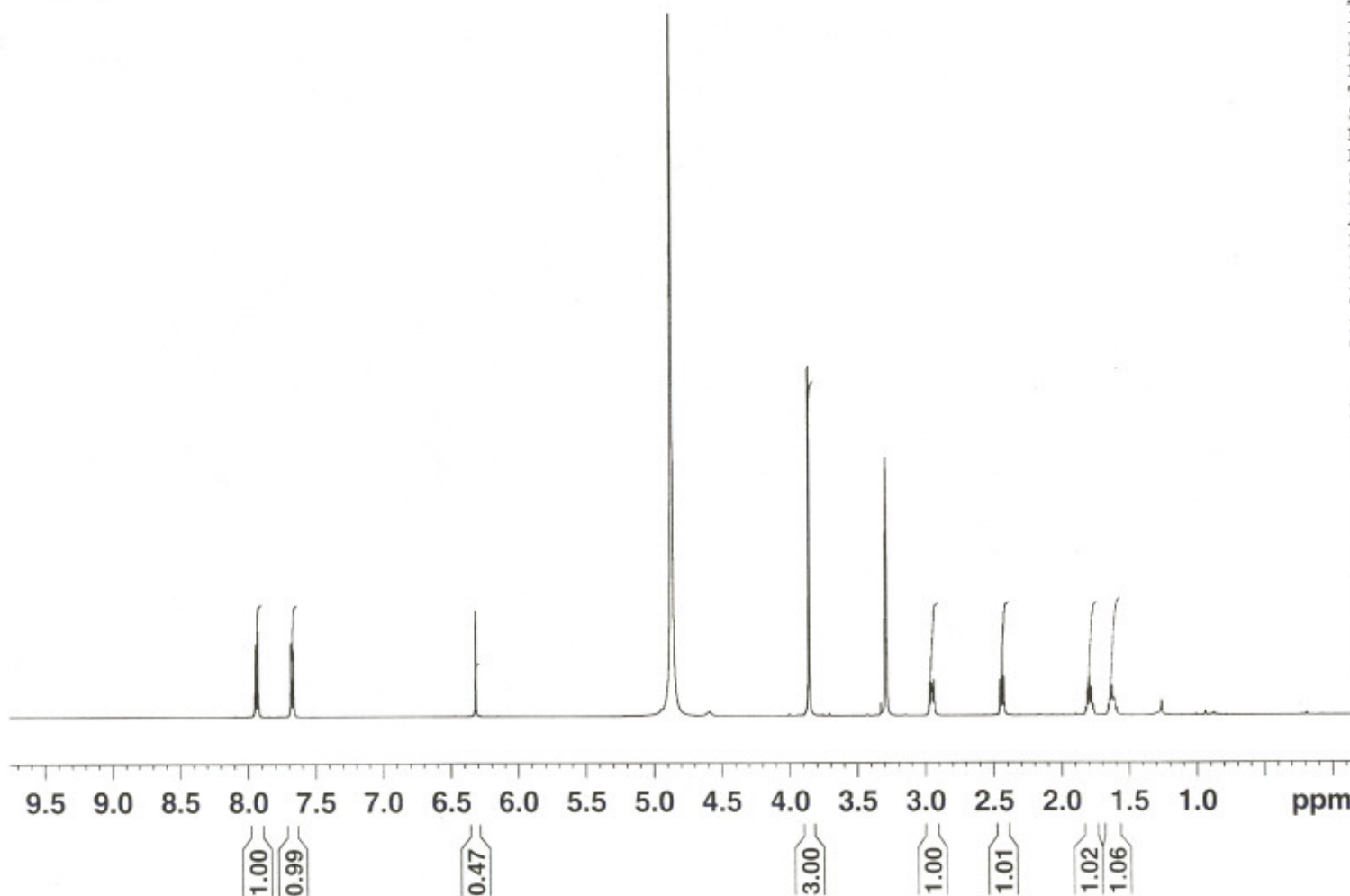


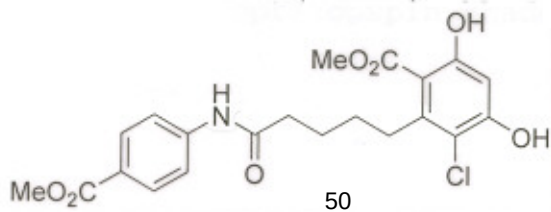
Current Data Parameters
NAME MKH-90
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071101
Time 17.51
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 16
DS 2
SWH 10330.578 Hz
FIDRES 0.157632 Hz
AQ 3.1720407 sec
RG 161.3
DW 48.400 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 15.00 usec
PL1 1.60 dB
SFO1 500.1330885 MHz

F2 - Processing parameters
SI 32768
SF 500.1303219 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





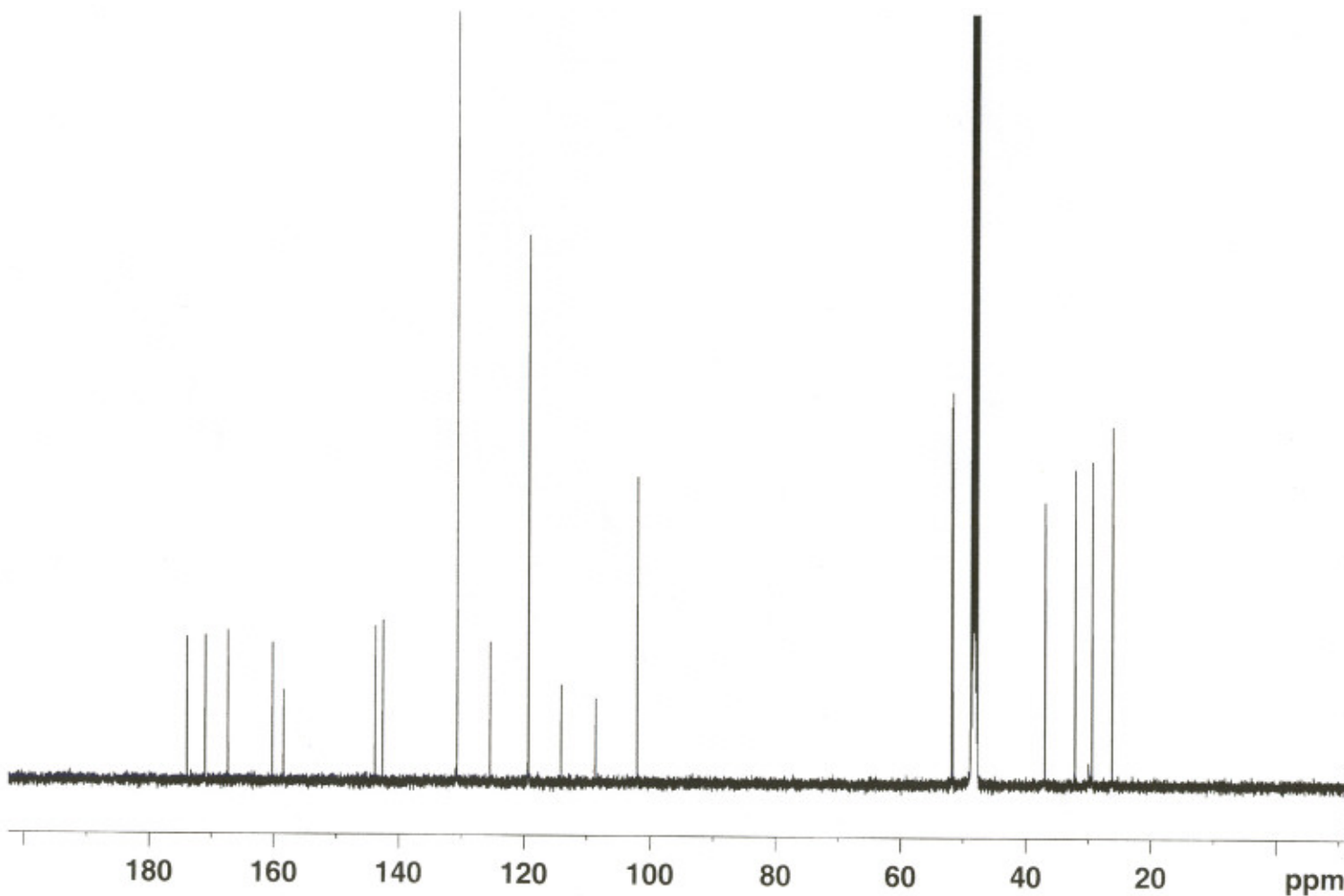
Current Data Parameters
 NAME MKH-90
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20071101
 Time 18.03
 INSTRUM spect
 PROBHD 5 mm CPDUL 13C
 PULPROG zgpg30
 TD 65536
 SOLVENT MeOD
 NS 512
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 11585.2
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SFO1 125.7703643 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SFO2 500.1320005 MHz

F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



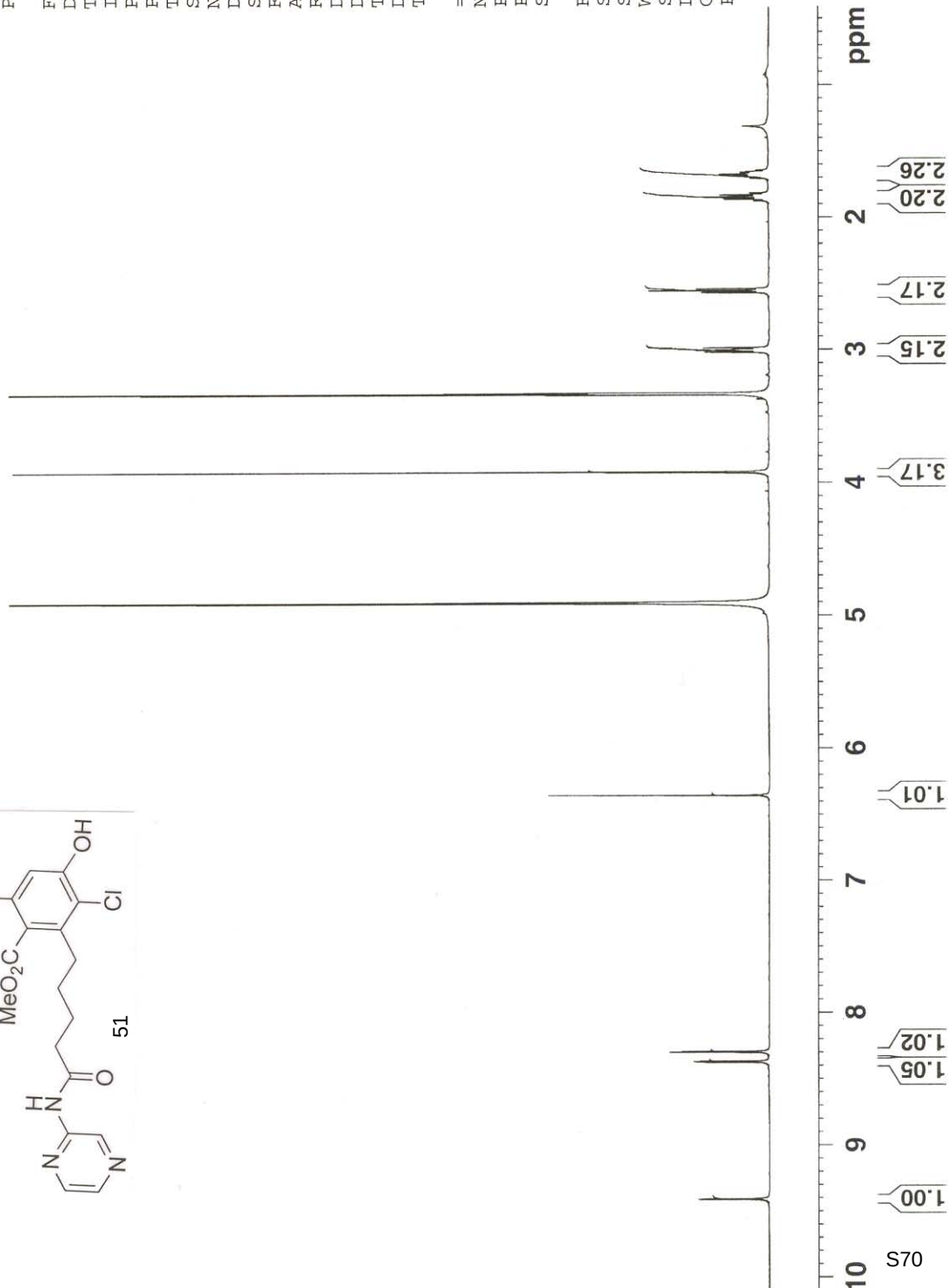
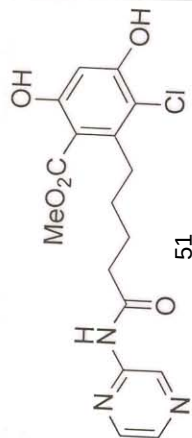


Current Data Parameters
NAME Sat4CA-7
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071204
Time 18.12
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 16
DS 2
SWH 10330.578 Hz
FIDRES 0.157632 Hz
AQ 3.1720407 sec
RG 406.4
DW 48.400 usec
DE 6.00 usec
TE 298.2 K
D1 0.1500001 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 15.00 usec
PL1 1.60 dB
SFO1 500.1330885 MHz

F2 - Processing parameters
SI 32768
SF 500.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





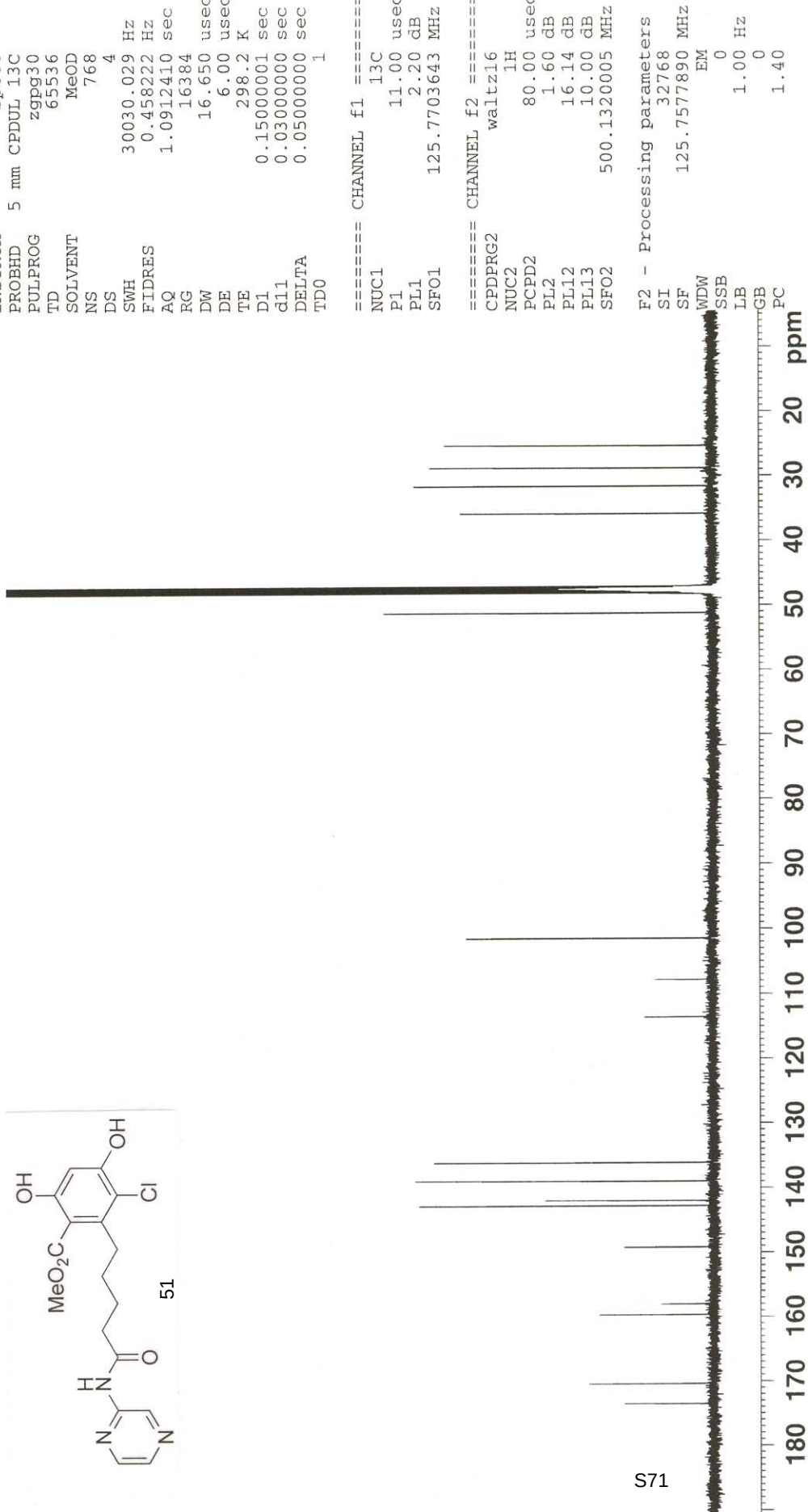
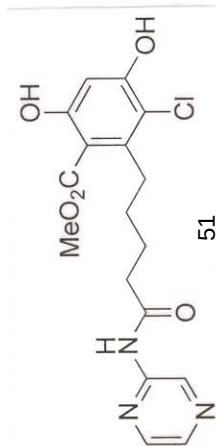
Current Data Parameters
NAME Sat4CA-7
EXPNO 2
PROCNO 1

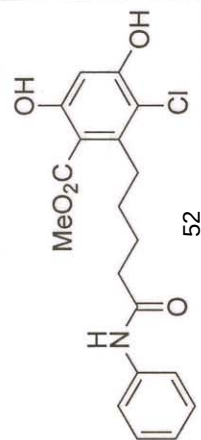
F2 - Acquisition Parameters
Date_ 20071204
Time 18.30
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 768
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 16384
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40





Current Data Parameters
NAME 11.13.07
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071113
Time 10.39
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 21
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 256
DW 60.400 usec
DE 6.00 usec
TE 296.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1295080 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 ppm

1.00 1.03 0.50 0.44 1.55 1.03 1.06 1.07 1.07

S72



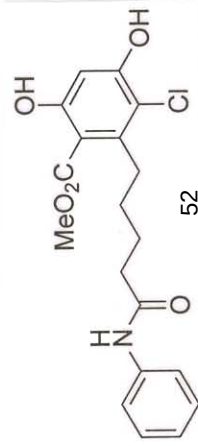
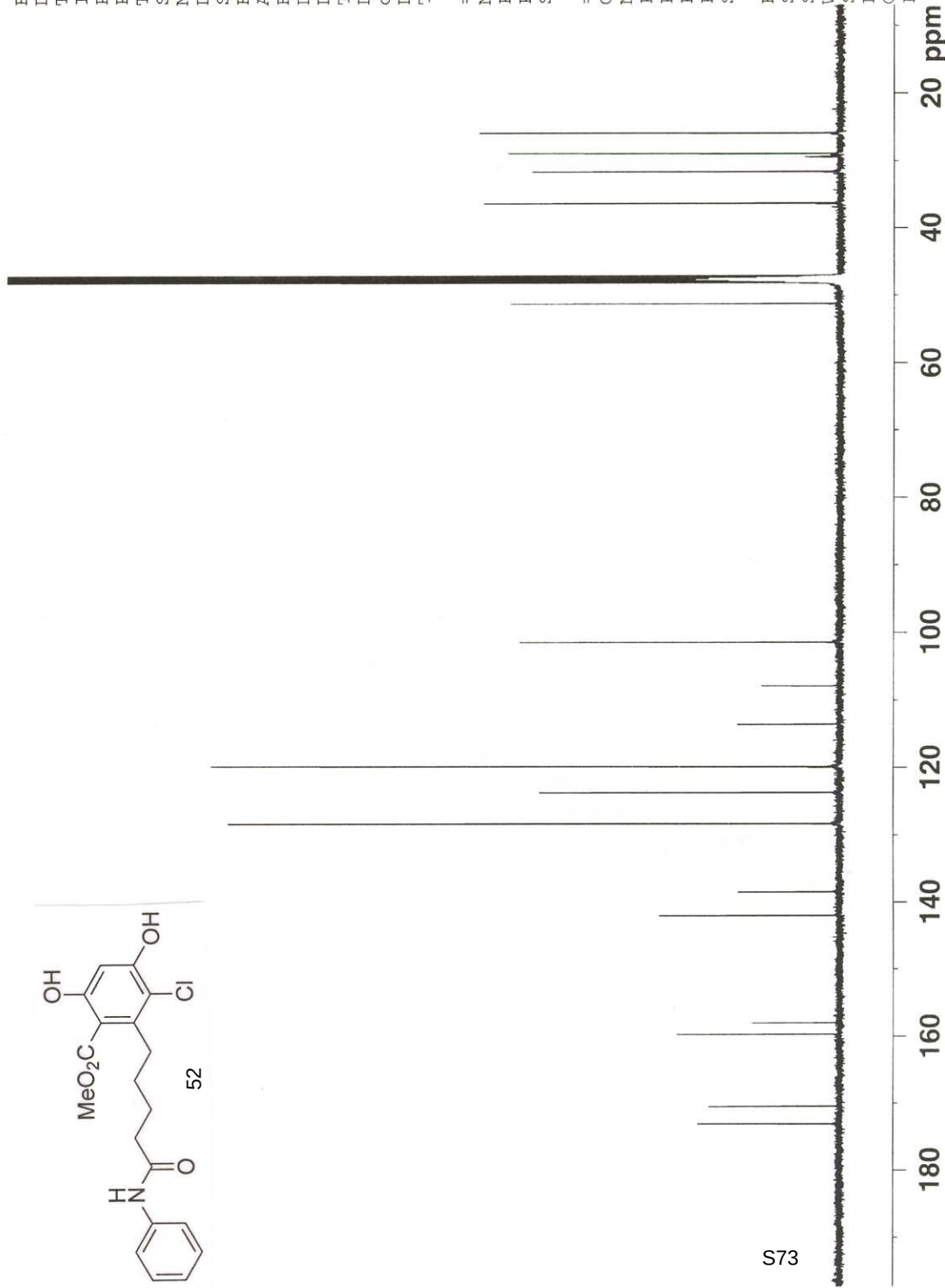
Current Data Parameters
NAME MKH-89#1
EXPNO 2
PROCNO 1

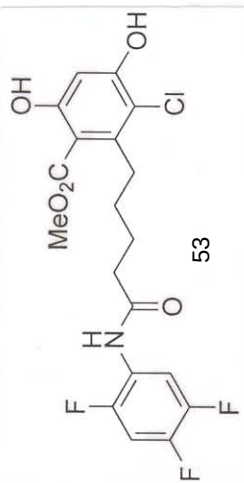
F2 - Acquisition Parameters
Date_ 20071113
Time 18.44
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 11585.2
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



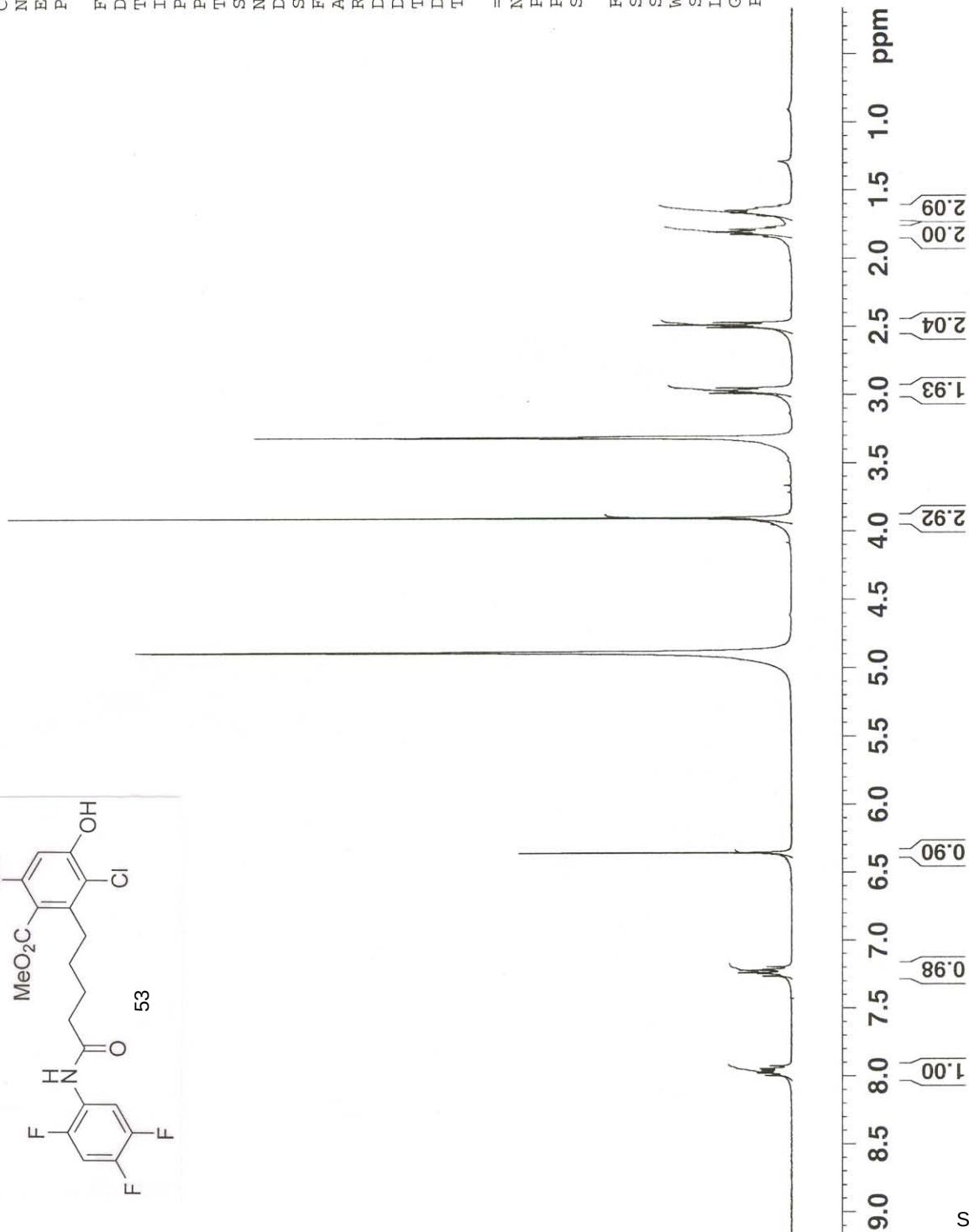


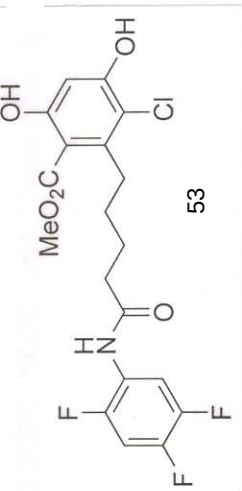
Current Data Parameters
NAME 11.15.07
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071115
Time 13.01
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 16
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 574.7
DW 60.400 usec
DE 6.00 usec
TE 296.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1294985 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





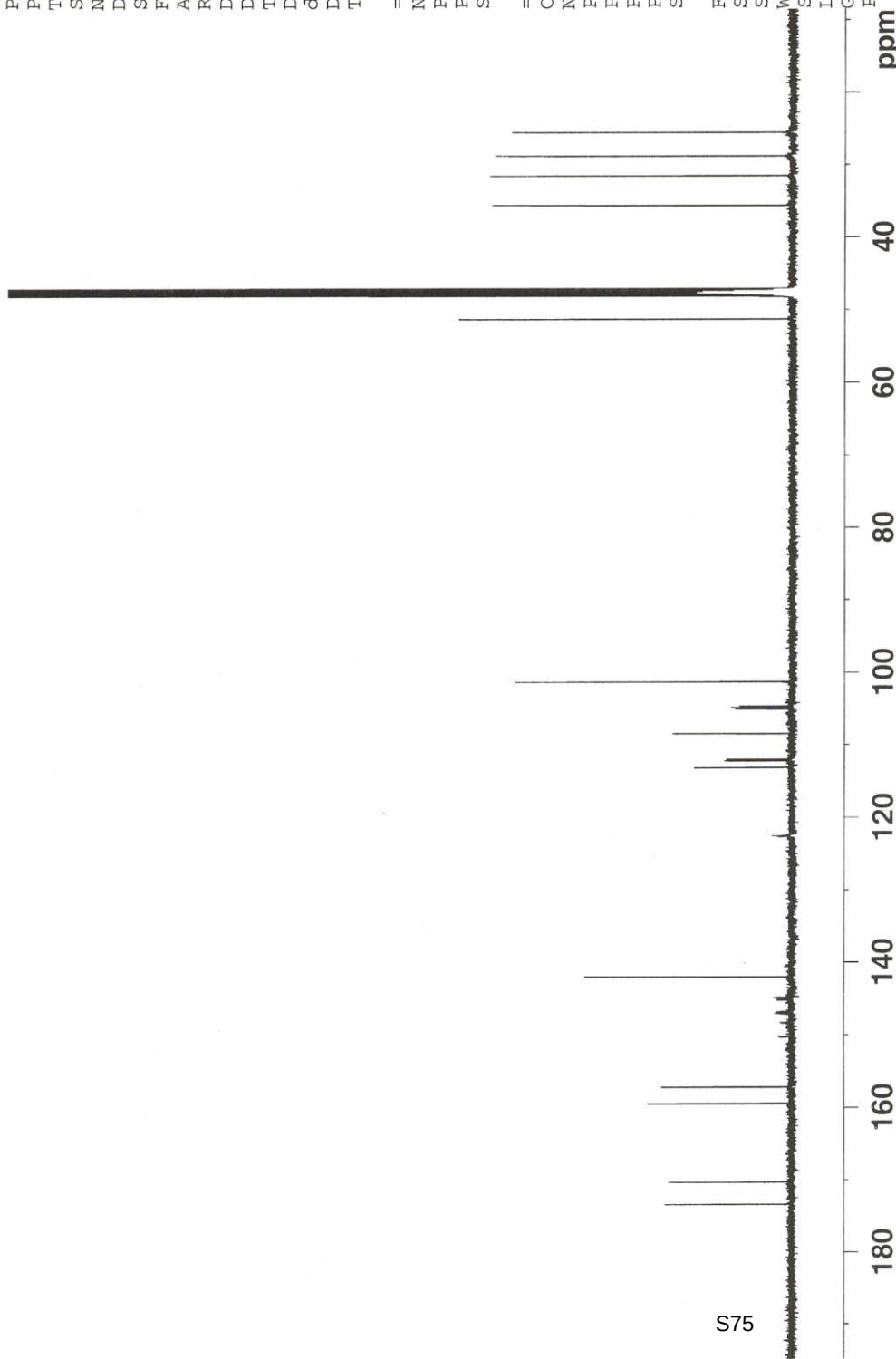
Current Data Parameters
 NAME Sat4CA-9
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20071116
 Time 18.48
 INSTRUM spect
 PROBHD 5 mm CPDUL 13C
 PULPROG zgpg30
 TD 65536
 SOLVENT MeOD
 NS 512
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 11585.2
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SFO1 125.7703643 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SFO2 500.1320005 MHz

F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



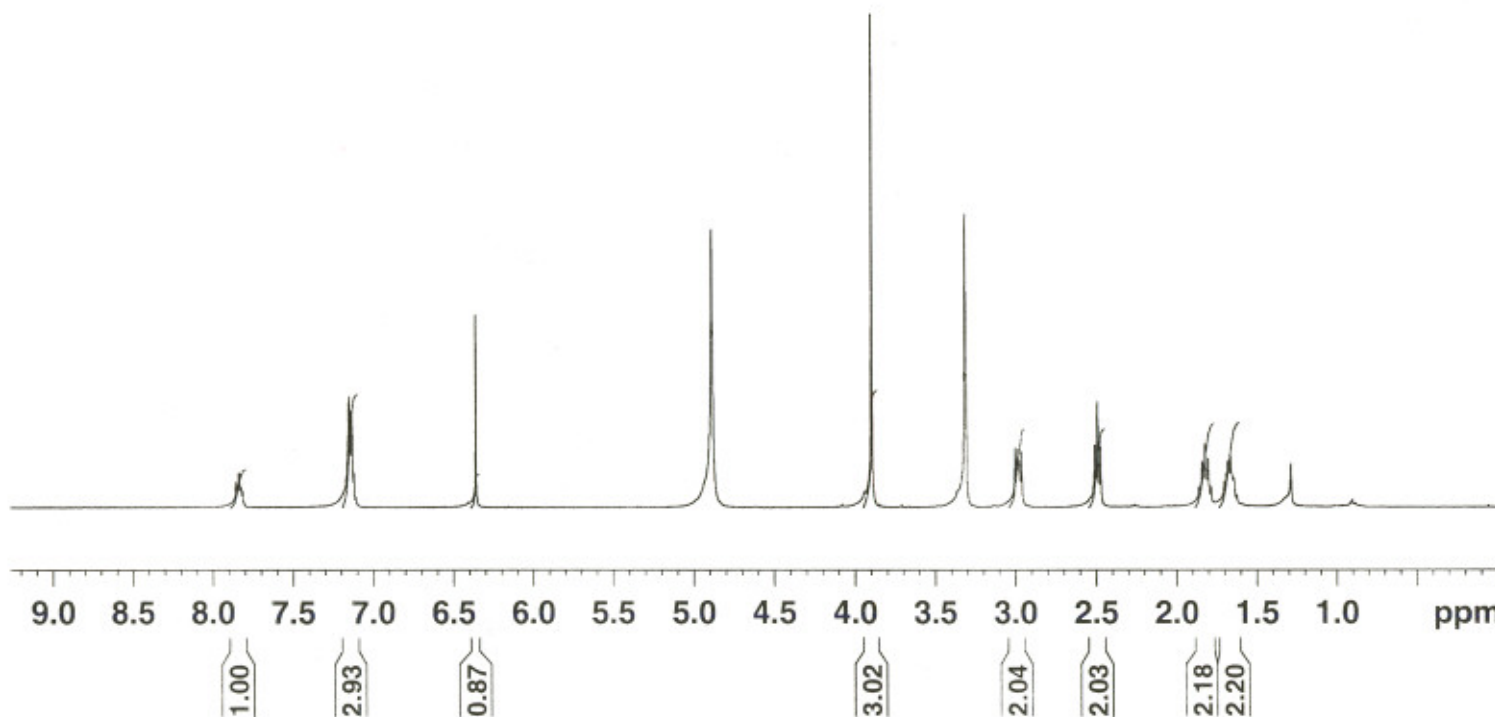
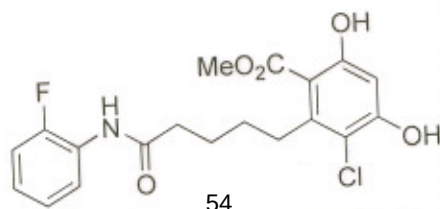


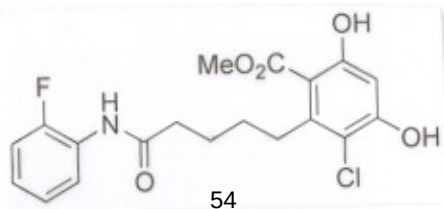
Current Data Parameters
 NAME 11.15.07
 EXPNO 4
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20071115
 Time 12.56
 INSTRUM drx400
 PROBHD 5 mm QNP 1H/13
 PULPROG zg30
 TD 65536
 SOLVENT MeOD
 NS 17
 DS 2
 SWH 8278.146 Hz
 FIDRES 0.126314 Hz
 AQ 3.9584243 sec
 RG 574.7
 DW 60.400 usec
 DE 6.00 usec
 TE 296.2 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 10.50 usec
 PL1 -5.00 dB
 SFO1 400.1324710 MHz

F2 - Processing parameters
 SI 32768
 SF 400.1294985 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





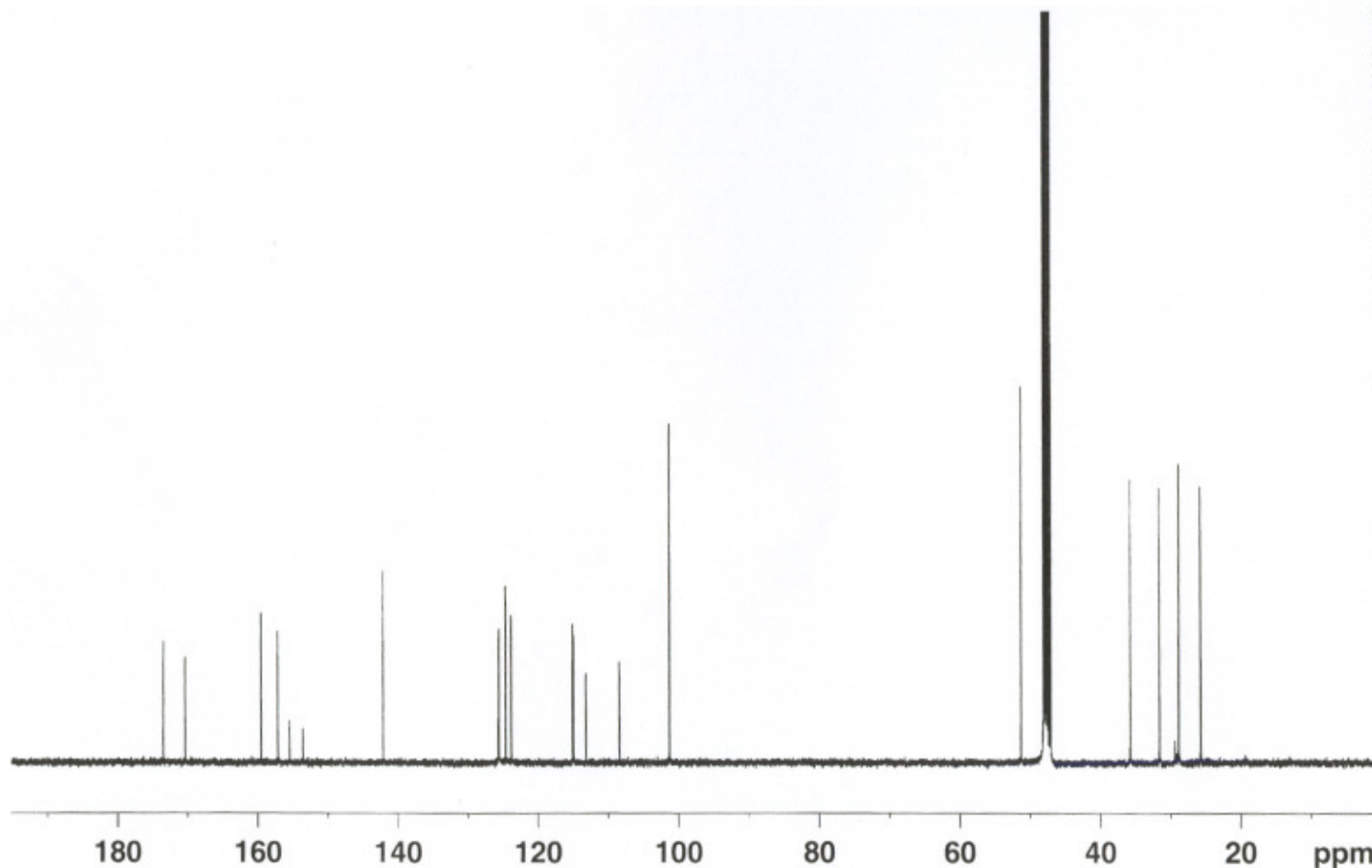
Current Data Parameters
 NAME Sat4CA-3
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20071116
 Time 18.32
 INSTRUM spect
 PROBHD 5 mm CPDUL 13C
 PULPROG zgpg30
 TD 65536
 SOLVENT MeOD
 NS 512
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 14596.5
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SFO1 125.7703643 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SFO2 500.1320005 MHz

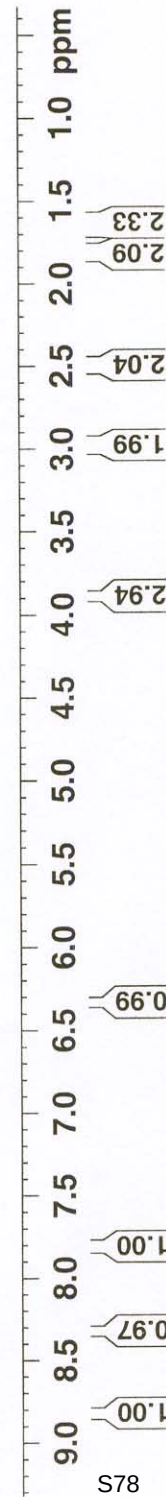
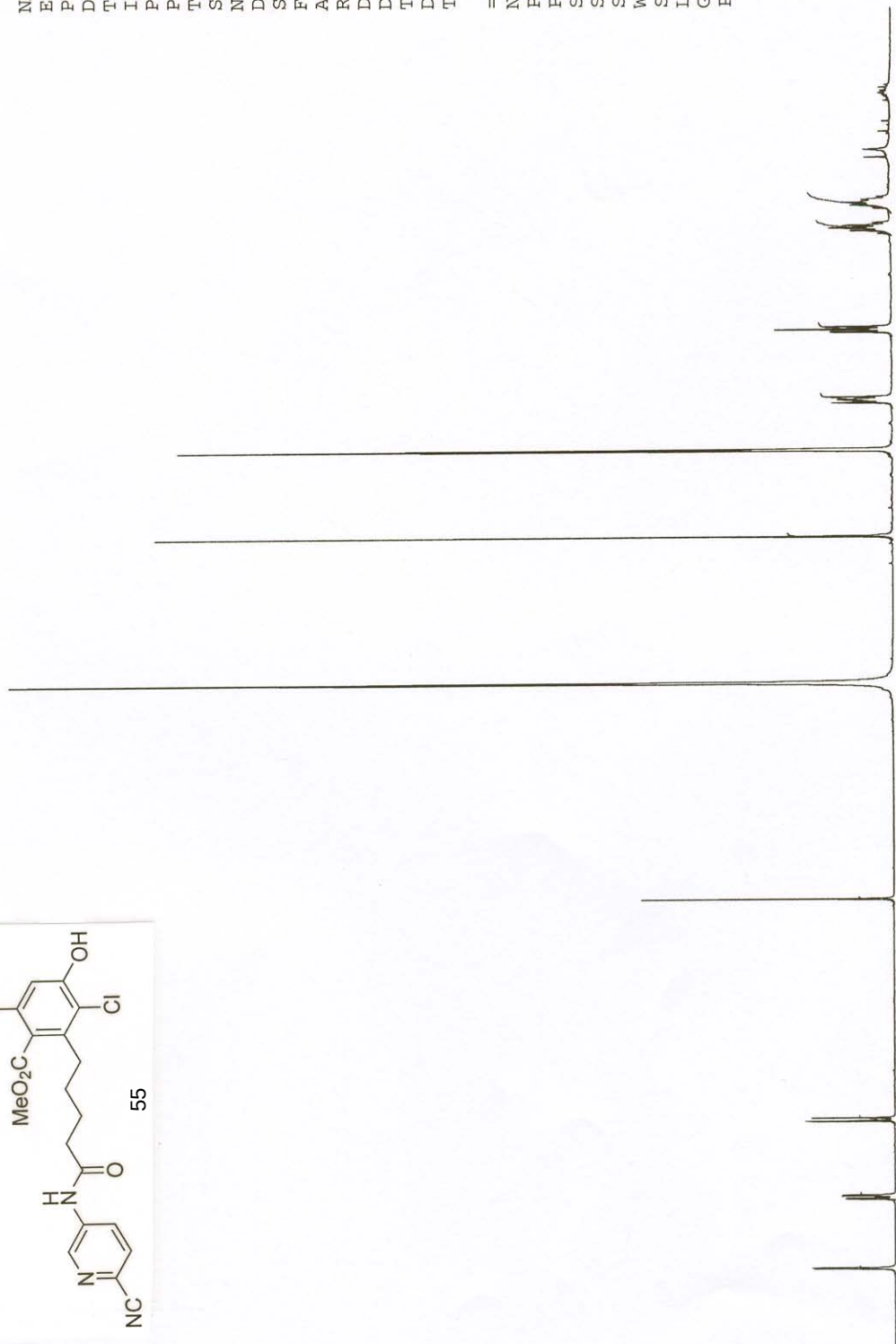
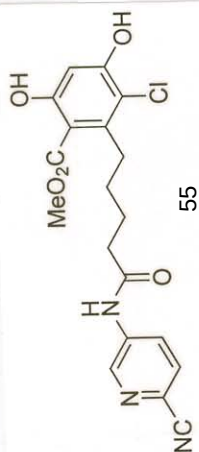
F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40





NAME 1.28.08
EXPNO 3
PROCNO 1
Date_ 20080128
Time 8.17
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 11
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 512
DW 60.400 usec
DE 6.00 usec
TE 297.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz
SI 32768
SF 400.1295009 MHz
EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

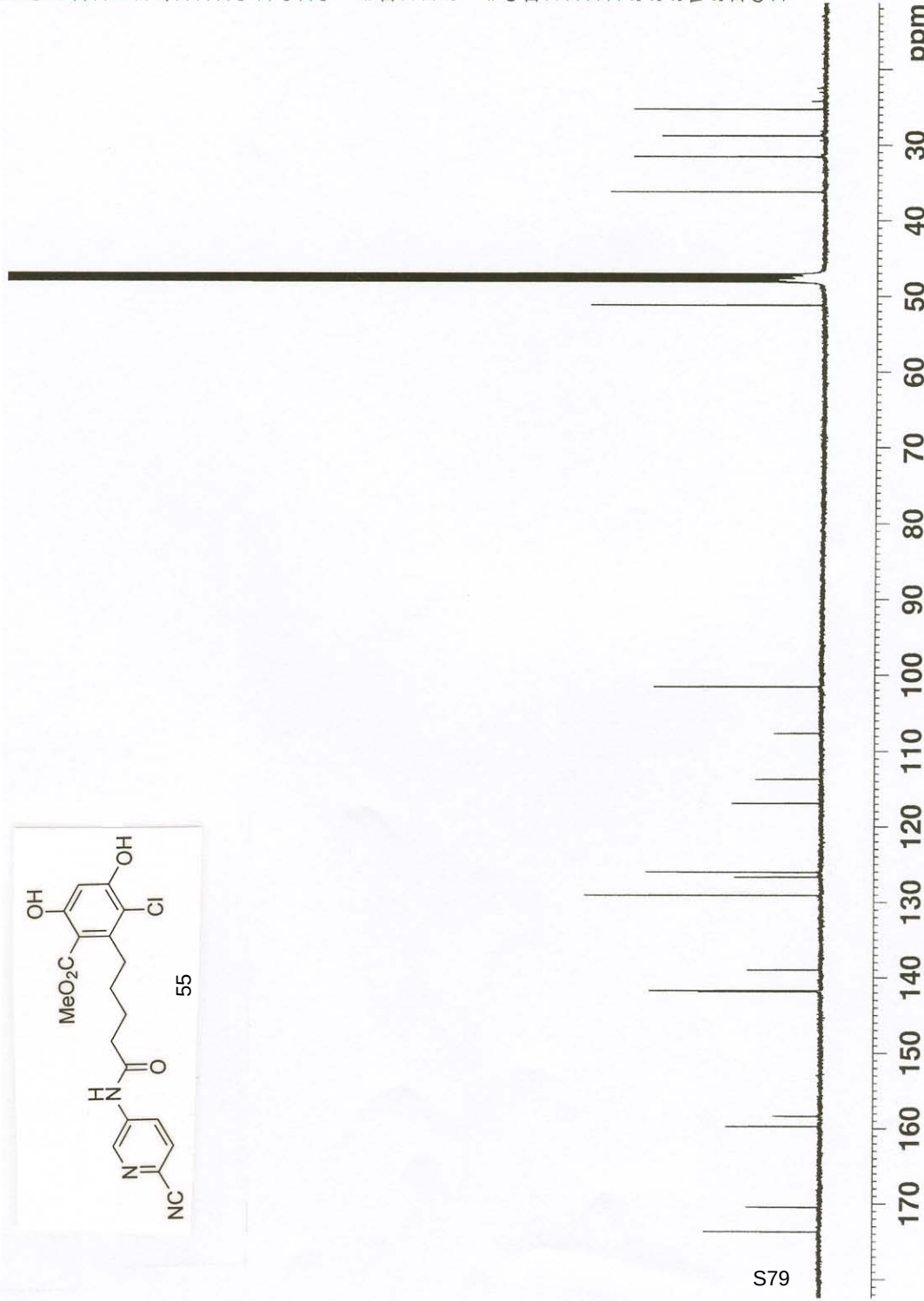
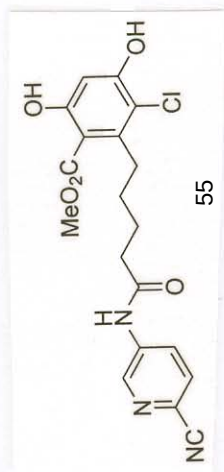


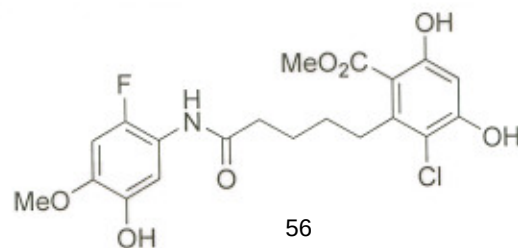


Sat4CA-11
NAME
EXPNO 2
PROCNO 1
Date_ 20080129
Time 14.38
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 10321.3
DW 16.650 use
DE 6.00 use
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TDO 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 use
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 use
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



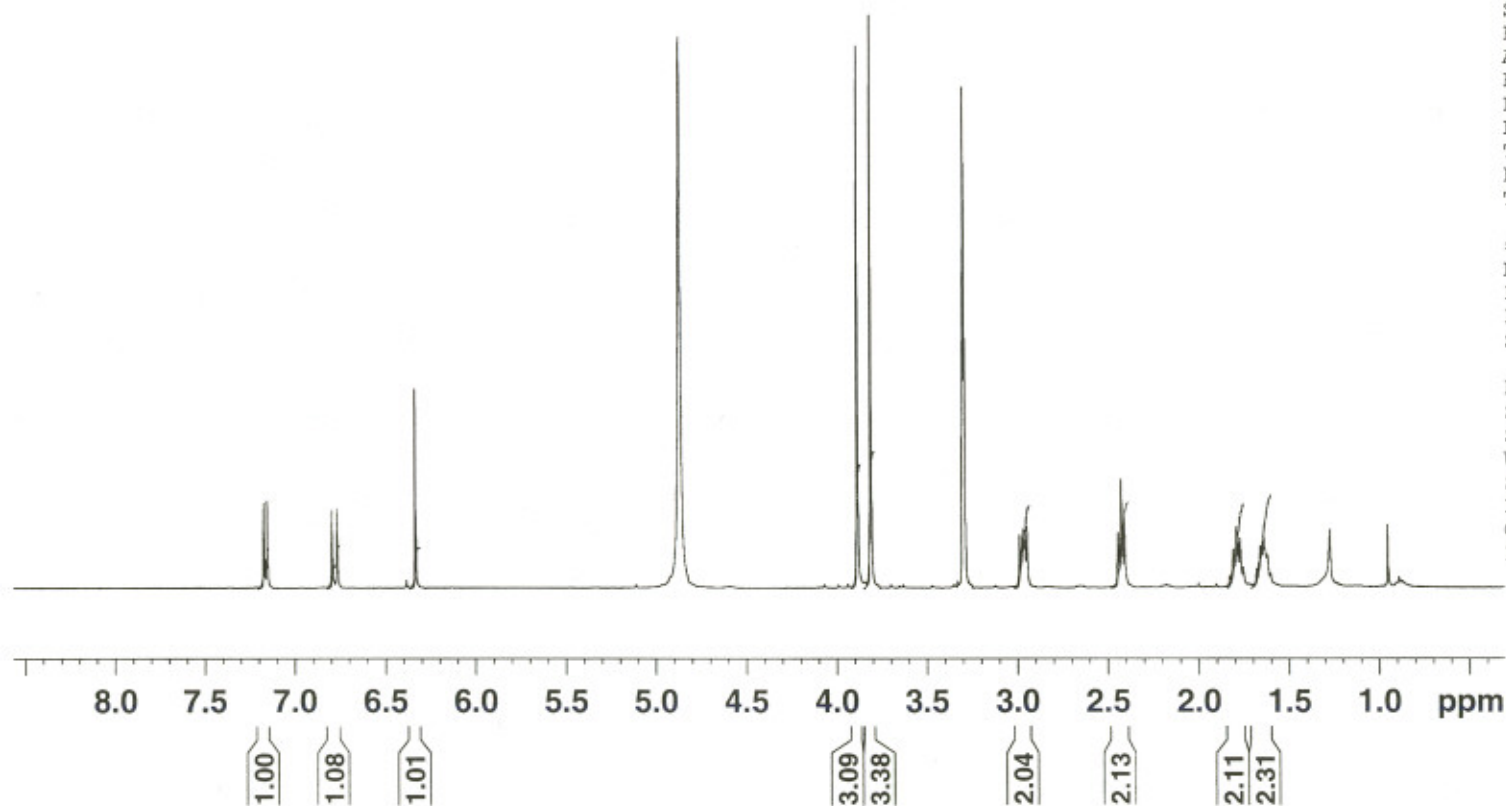


Current Data Parameters
NAME 11.28.07
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071128
Time 10.08
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 25
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 362
DW 60.400 usec
DE 6.00 usec
TE 296.2 K
D1 1.0000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1295026 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





Current Data Parameters

NAME Sat4CA-2
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters

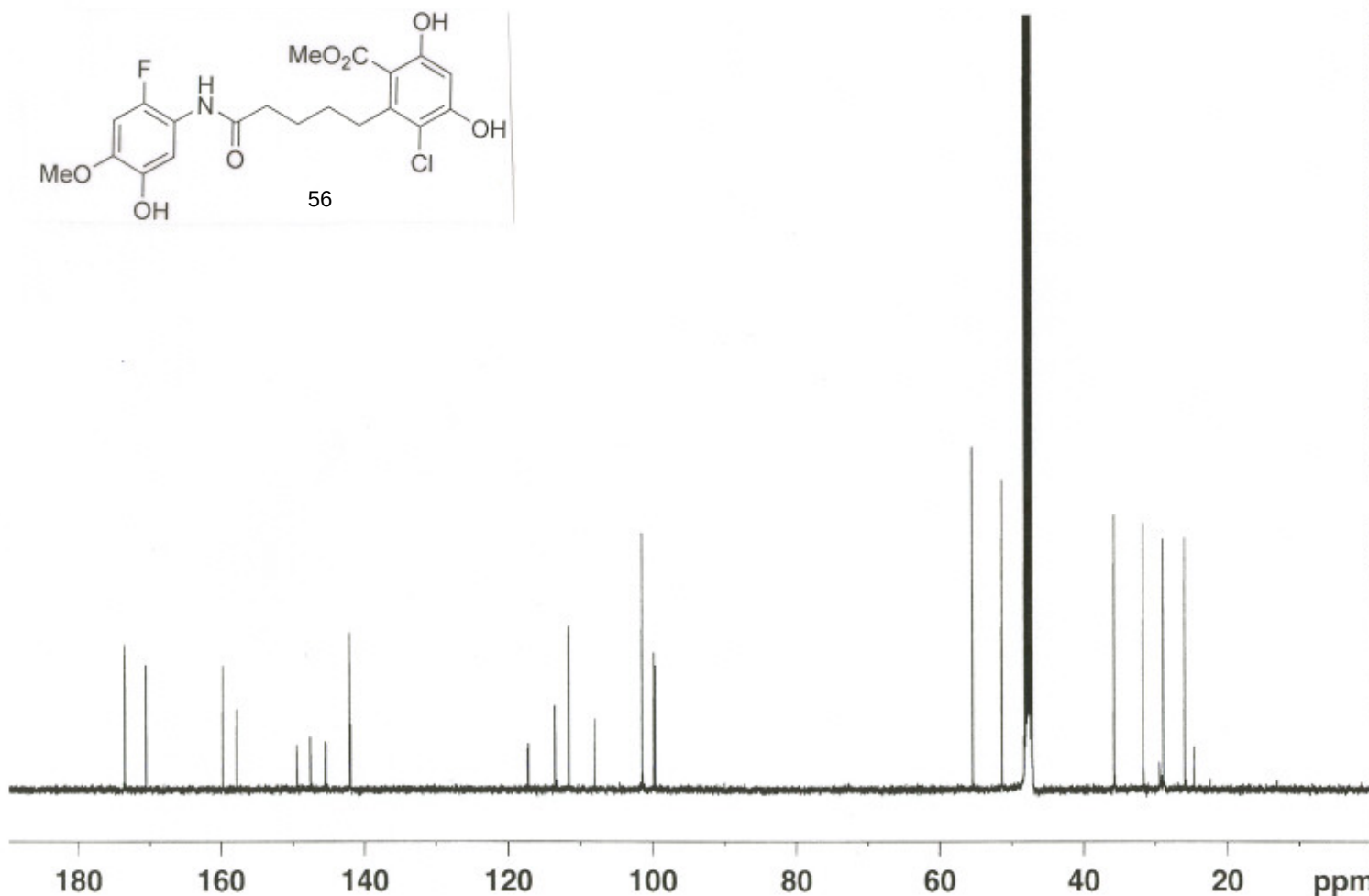
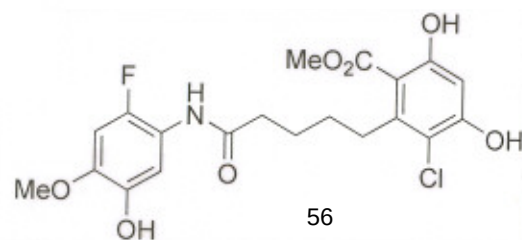
Date_ 20071128
Time 18.04
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 768
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 9195.2
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

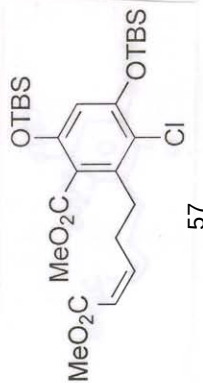
===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters

SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40





Current Data Parameters	
NAME	8.3.07
EXPNO	5
PROCNO	1
F2 - Acquisition Parameters	
Date_	20070803
Time	16.46
INSTRUM	drx400
PROBHD	5 mm QNP 1H/13
PULPROG	zg30
TD	65536
SOLVENT	CDC13
NS	11
DS	2
SWH	8278.146 Hz
FIDRES	0.126314 Hz
AQ	3.9584243 sec
RG	45.3
DW	60.400 usec
DE	6.00 usec
TE	296.2 K
D1	1.00000000 sec
TD0	1

```

===== CHANNEL f1 =====
NUC1      1H
P1        10.50 usec
PL1       -5.00 dB
SF01      400.1324710 MHz

F2 - Processing parameters
SI        32768
SF        400.1300059 MHz
WDW       EM
SSB       0
LB        0.30 Hz
GB        0
PC        1.00

```





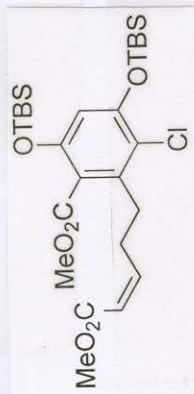
Current Data Parameters
NAME 8.28.07
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070828
Time 7.30
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 101
DS 4
SWH 23980.814 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 5792.6
DW 20.850 usec
DE 6.00 usec
TE 295.2 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1

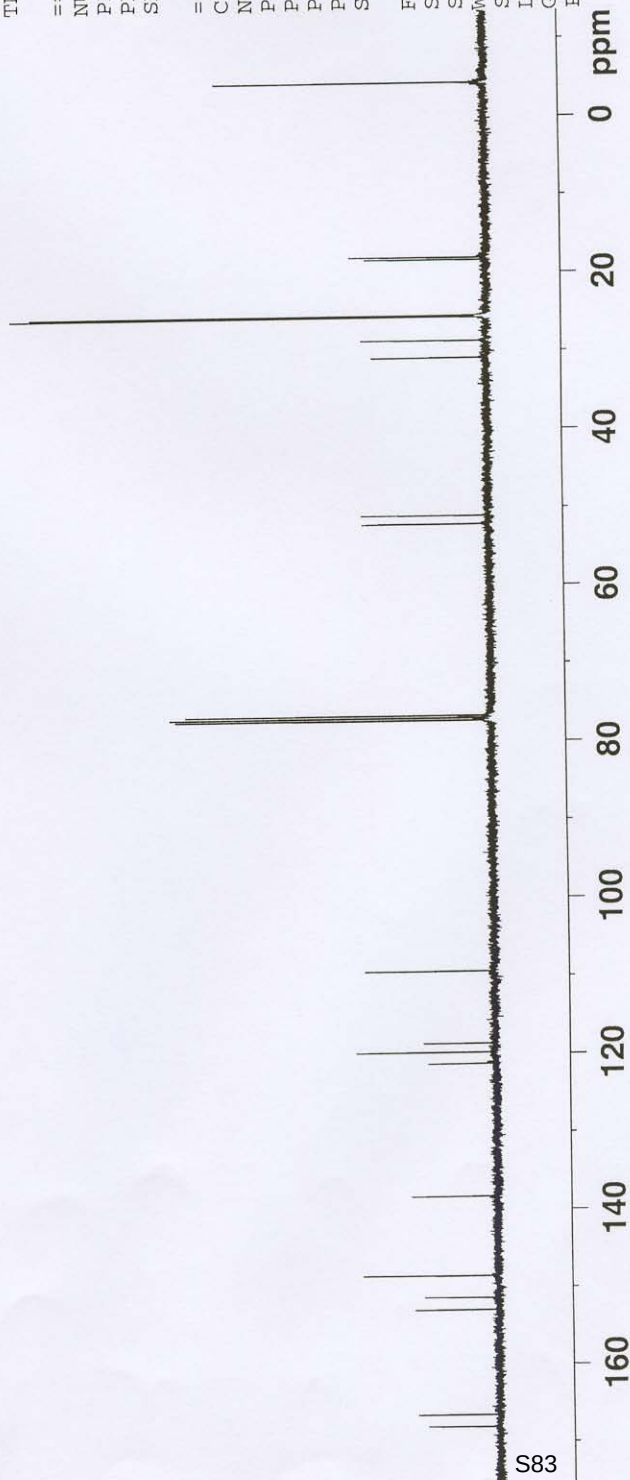
==== CHANNEL f1 =====
NUC1 13C
P1 9.85 usec
PL1 -2.00 dB
SFO1 100.6228298 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -5.00 dB
PL12 14.58 dB
PL13 16.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



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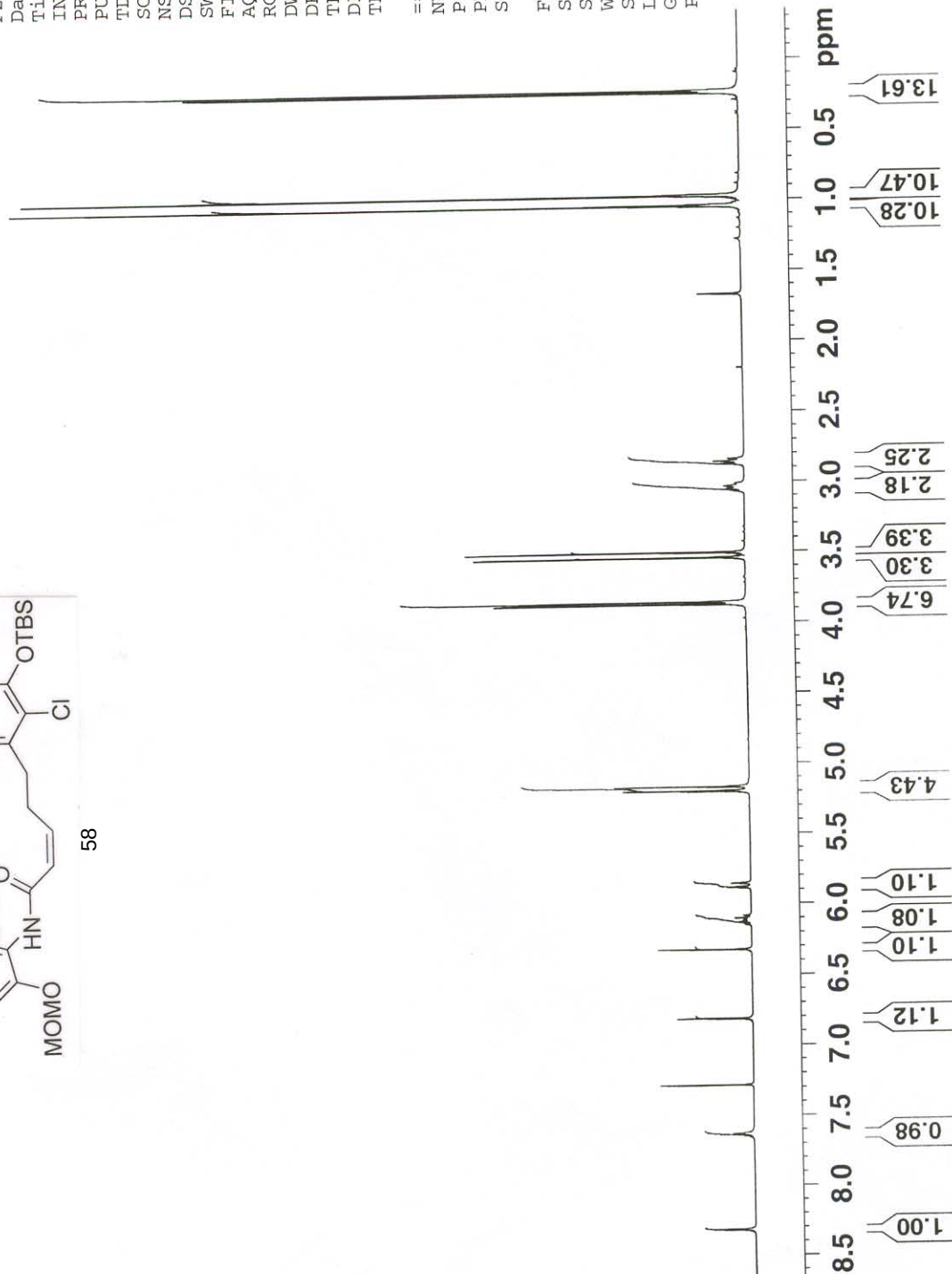
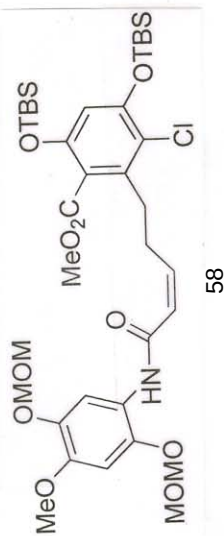


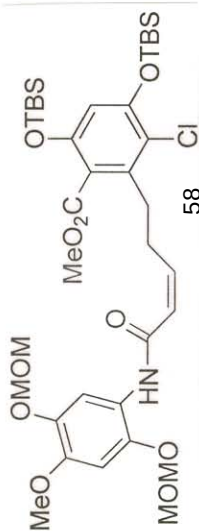
Current Data Parameters
NAME 9.27.07
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070927
Time 8.15
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 27
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 143.7
DW 60.400 usec
DE 6.00 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





Current Data Parameters
NAME CCT-1
EXPNO 1
PROCNO 1

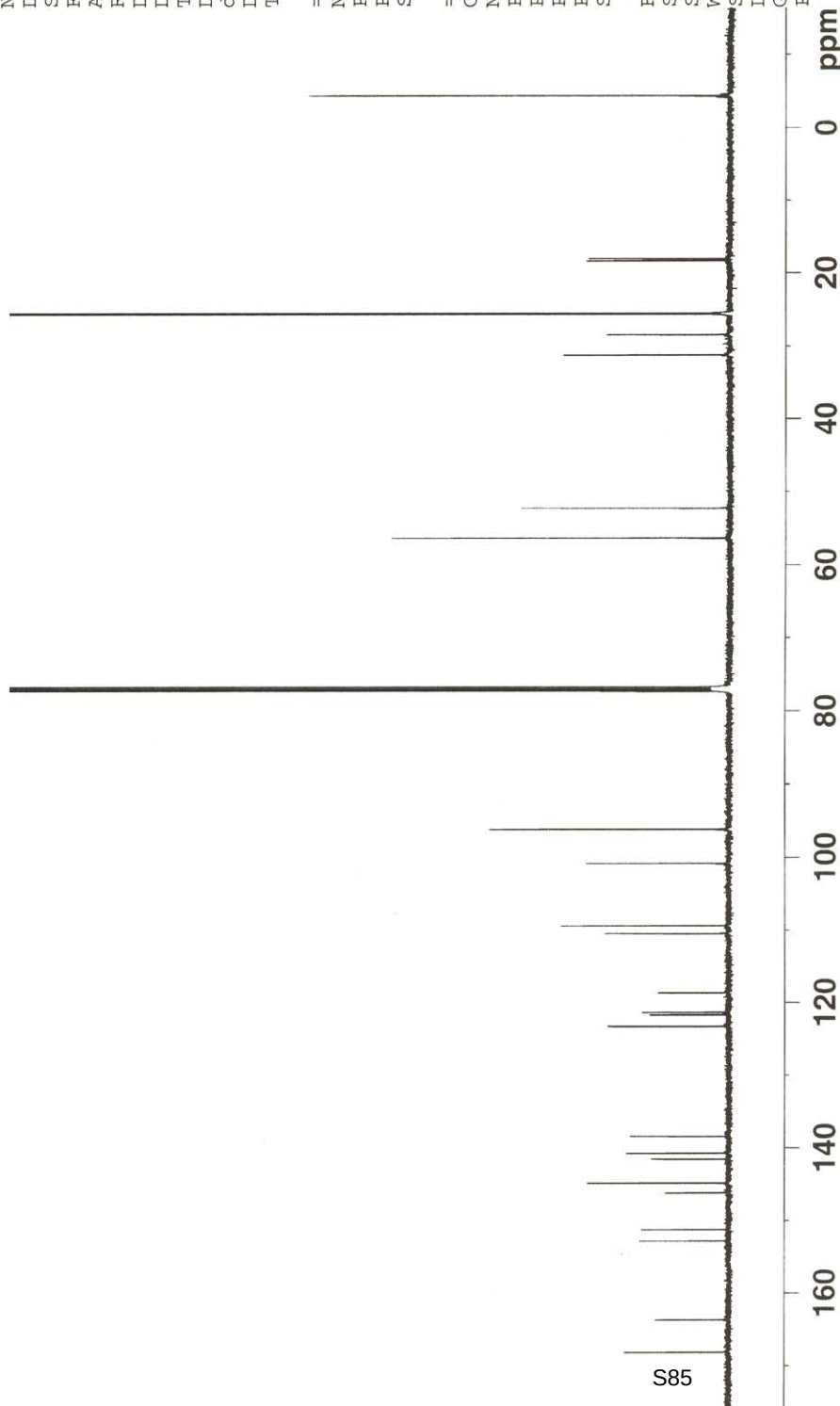
F2 - Acquisition Parameters
Date_ 20070927
Time 11.55
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 256
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

S85

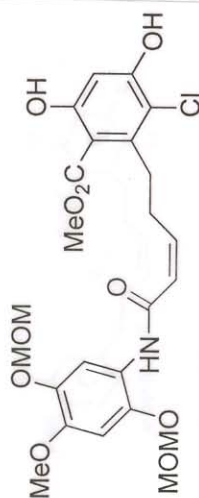




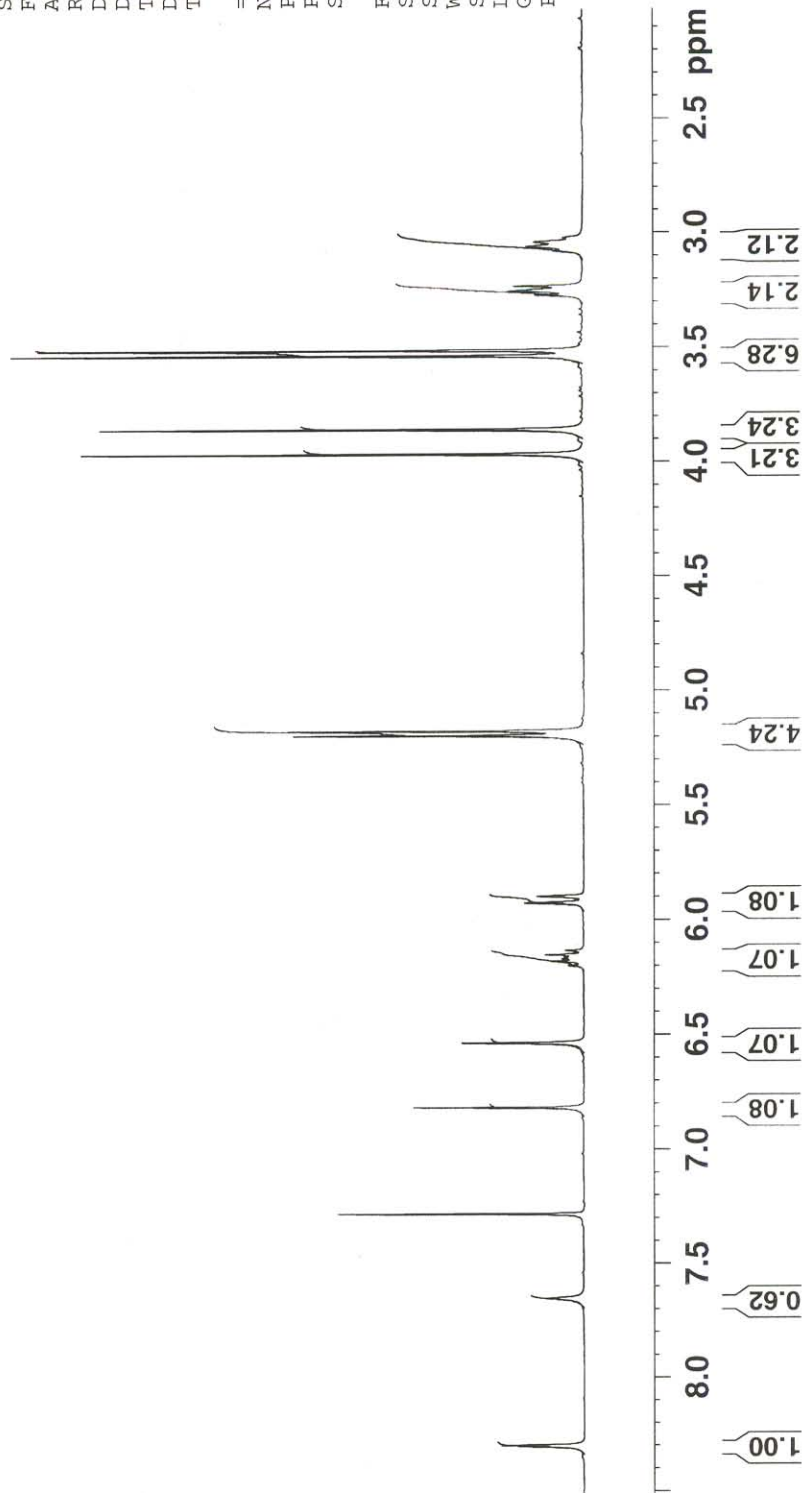
Current Data Parameters
NAME 10.04.07
EXPNO 3
PROCNO 1

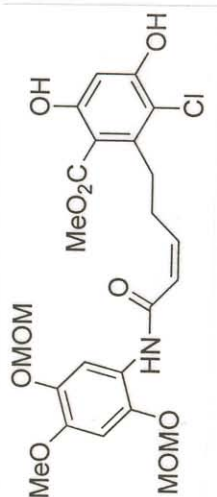
F2 - Acquisition Parameters
Date_ 20071004
Time 10.59
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 12
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 228.1
DW 60.400 usec
DE 6.00 usec
TE 299.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz
F2 - Processing parameters
SI 32768
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



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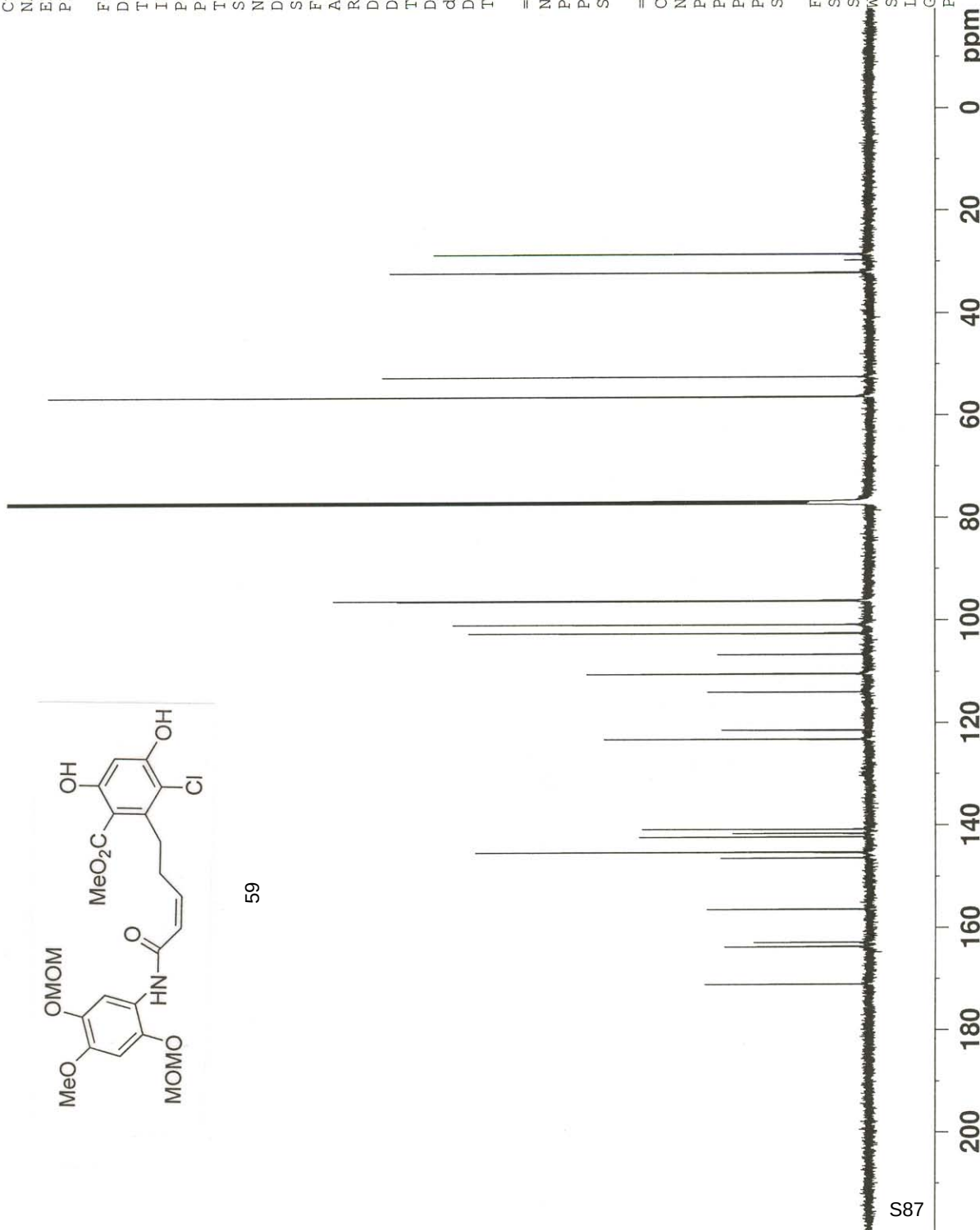
Current Data Parameters	
NAME	CCM-1
EXPNO	2
PROCNO	1

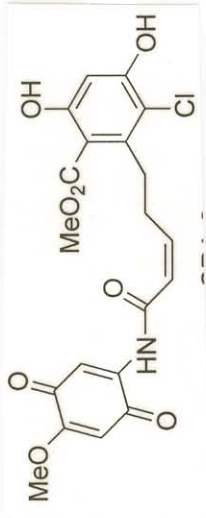
F2 - Acquisition Parameters	
Date_	20071004
Time	13.30
INSTRUM	spect
PROBHD	5 mm CPDUL 13C
PULPROG	zpgpg30
TD	65536
SOLVENT	CDC13
NS	768
DS	4
SWH	30030.029 Hz
FIDRES	0.458222 Hz
AQ	1.0912410 sec
RG	14596.5
DW	16.650 usec
DE	6.00 usec
TE	298.2 K
D1	0.15000001 sec
d11	0.03000000 sec
DELTA	0.05000000 sec
TD0	1

```
===== CHANNEL f1 =====
NUC1      13C
P1        11.00 usec
PL1       2.20 dB
SF01      125.7703643 MHz
```

```
===== CHANNEL f2 =====
CPDPRG2      waltz16
NUC2         1H
  PUC2       80.00 usec
    PL2      1.60 dB
      PL12   16.14 dB
        PL13 10.00 dB
          SFQ2 500.132005 MHz
```

F2 - Processing parameters	
SI	32768
SF	125.7577890 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40





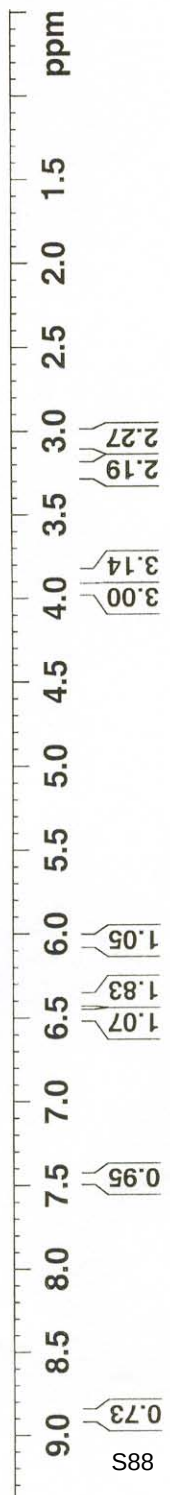
61

Current Data Parameters
NAME 3.04.08
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20080304
Time 7.33
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 22
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 574.7
DW 60.400 usec
DE 6.00 usec
TE 299.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300053 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





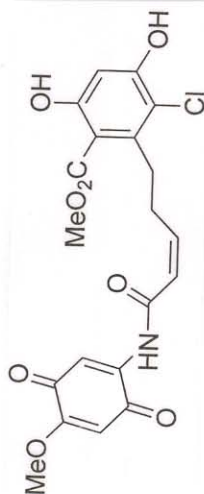
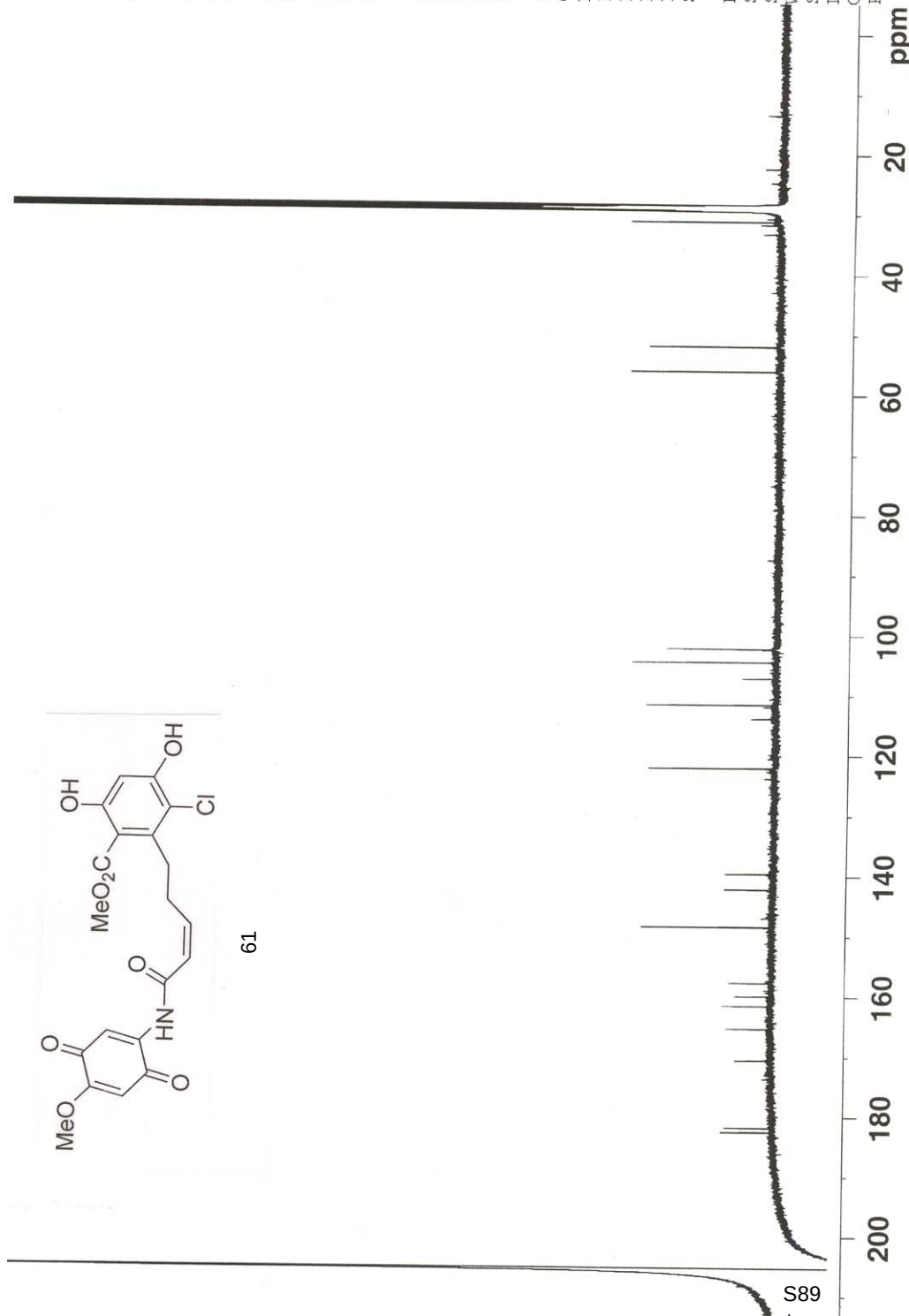
Current Data Parameters
NAME CRA-8
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071025
Time 22.45
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 3000
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 6502
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



61

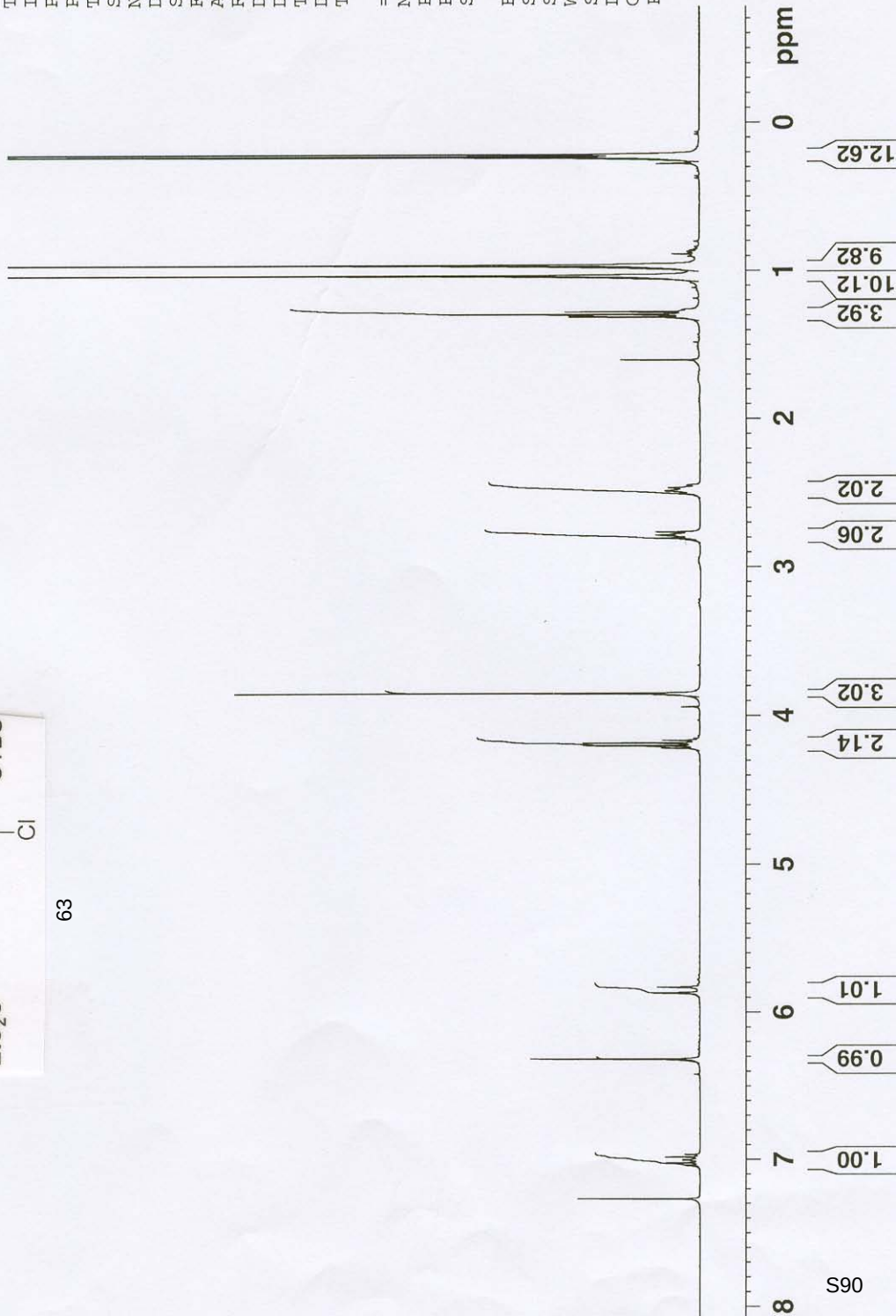
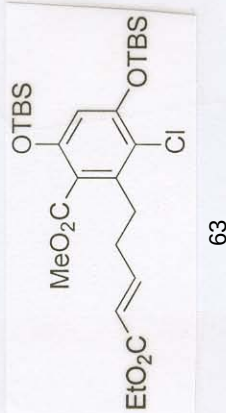


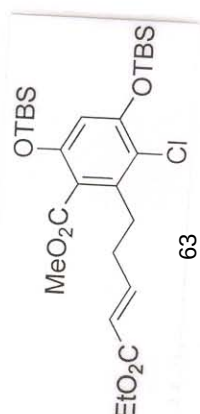
Current Data Parameters
NAME 8.3.07
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070803
Time 7.14
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 15
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 181
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

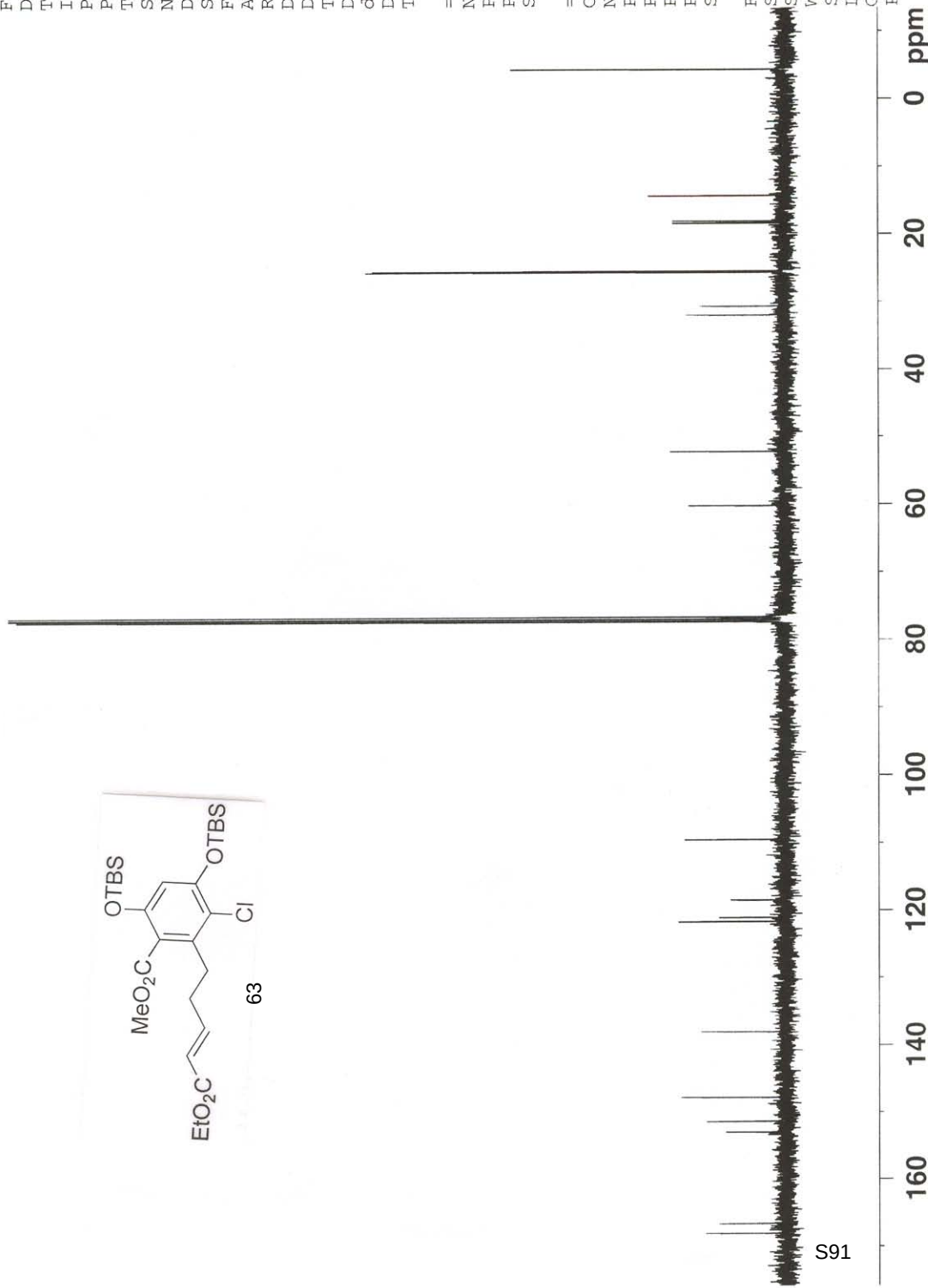
===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300059 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





F2 - Processing parameters	
SI	32768
SF	100.6127690 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40



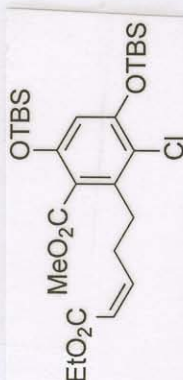


Current Data Parameters
NAME 8.3.07
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070803
Time 7.28
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 9
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 90.5
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300059 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



64

ppm



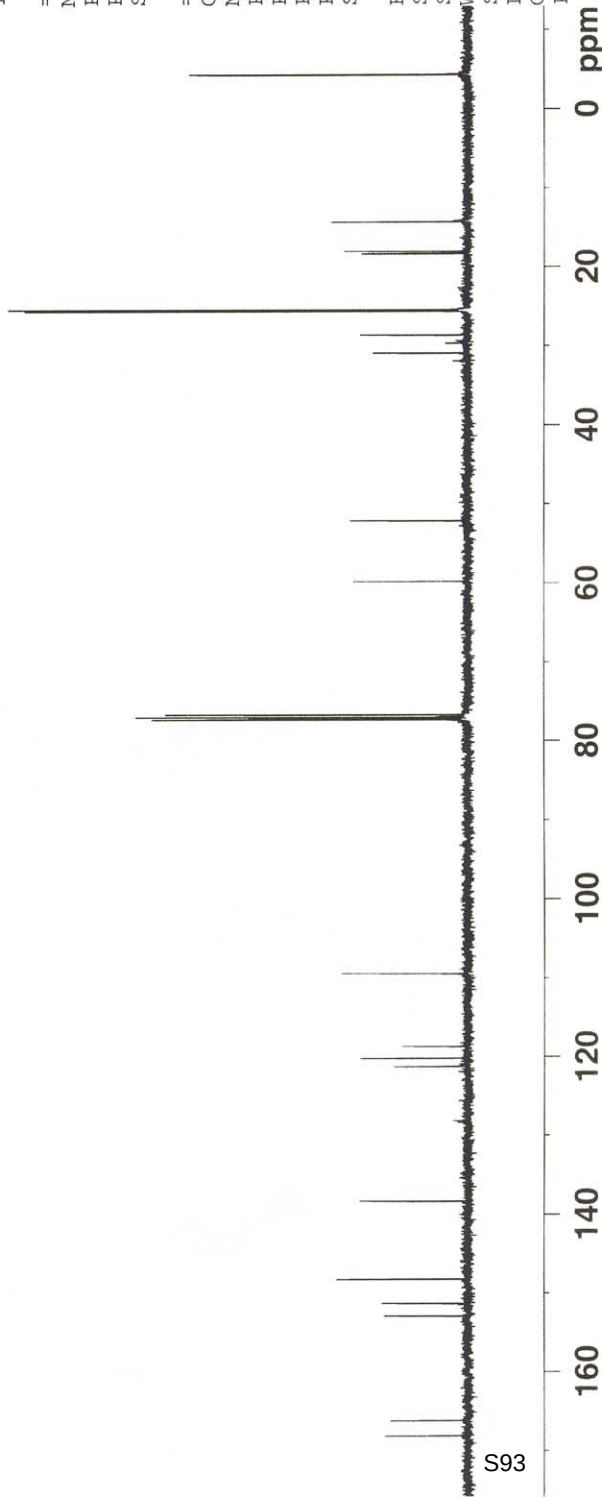
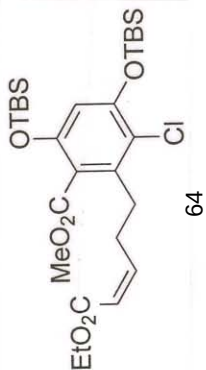
Current Data Parameters
NAME 10.19.07
EXPNO 12
PROCNO 1

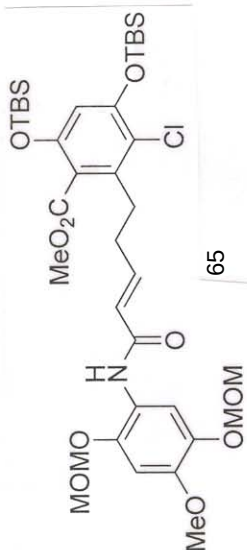
F2 - Acquisition Parameters
Date_ 20071019
Time 8.13
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 85
DS 4
SWH 23980.814 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 6502
DW 20.850 usec
DE 6.00 usec
TE 295.2 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 9.85 usec
PL1 -2.00 dB
SFO1 100.6228298 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -5.00 dB
PL12 14.58 dB
PL13 16.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



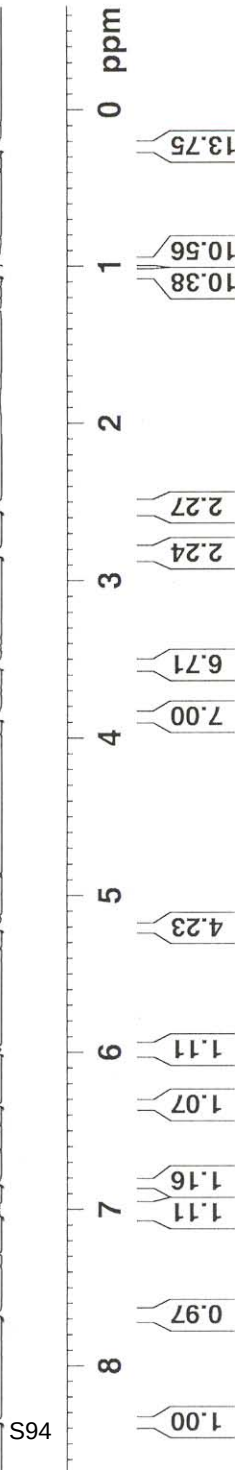


Current Data Parameters
 NAME ~~9.19.07~~
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20070919
 Time 8.20
 INSTRUM drx400
 PROBHD 5 mm QNP 1H/13
 PULPROG zg30
 TD 65536
 SOLVENT CDCl₃
 NS 27
 DS 2
 SWH 8278.146 Hz
 FIDRES 0.126314 Hz
 AQ 3.9584243 sec
 RG 181
 DW 60.400 usec
 DE 6.00 usec
 TE 295.2 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 10.50 usec
 PL1 -5.00 dB
 SFO1 400.1324710 MHz

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





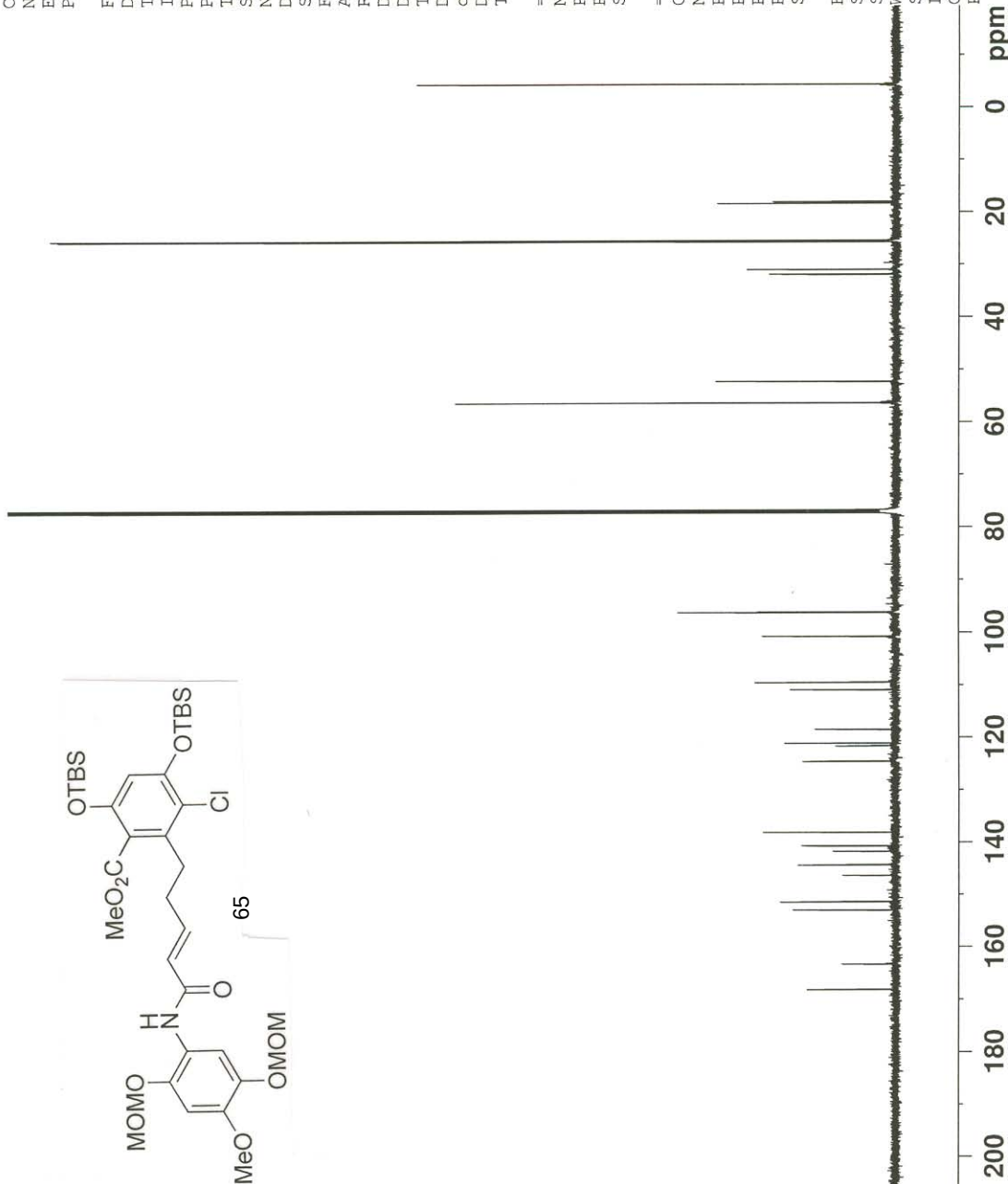
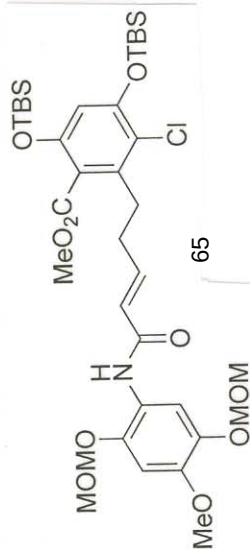
Current Data Parameters
NAME TCI-1
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070919
Time 11.27
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 107
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



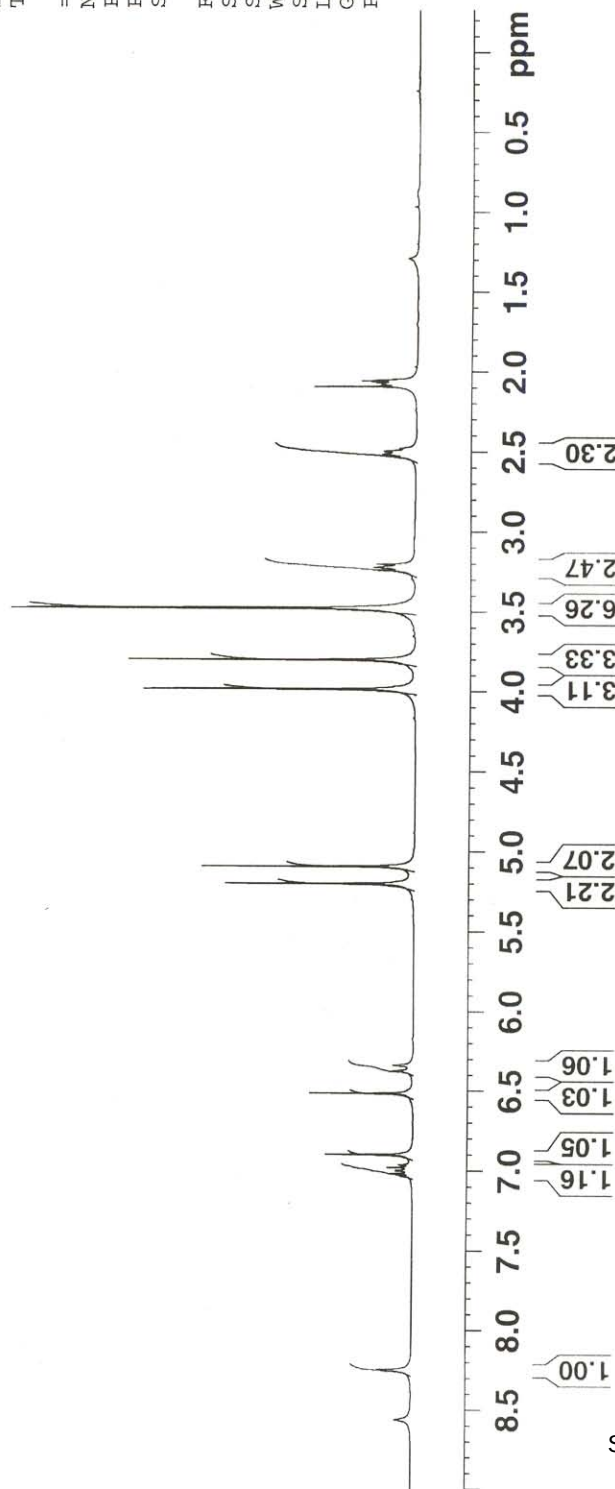
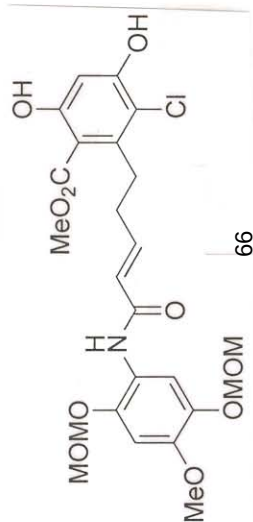


Current Data Parameters
 NAME 9.22.07
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20070922
 Time 7.40
 INSTRUM drx400
 PROBD 5 mm QNP 1H/13
 PULPROG zg30
 TD 65536
 SOLVENT Acetone
 NS 46
 DS 2
 SWH 8278.146 Hz
 FIDRES 0.126314 Hz
 AQ 3.9584243 sec
 RG 203.2
 DW 60.400 usec
 DE 6.00 usec
 TE 295.2 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 10.50 usec
 PL1 -5.00 dB
 SFO1 400.1324710 MHz

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





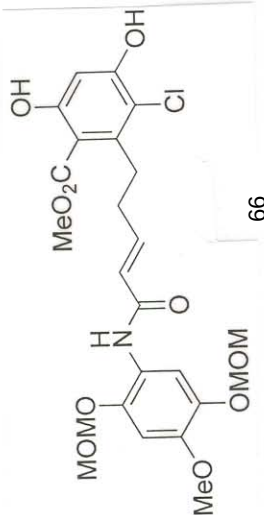
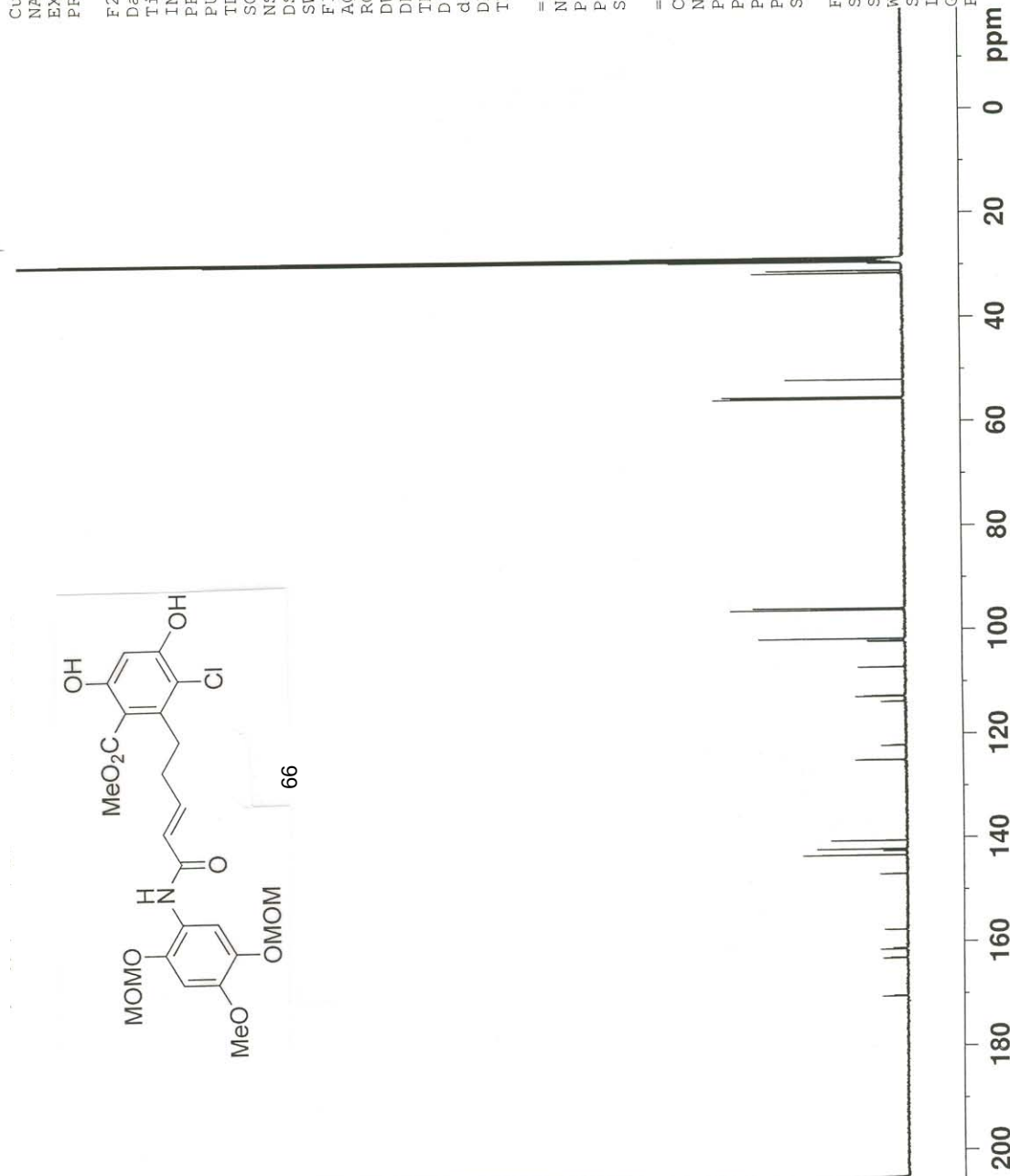
Current Data Parameters
NAME TCM-1
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070924
Time 15.20
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 256
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 5792.6
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



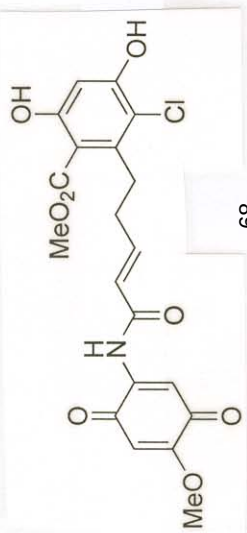


Current Data Parameters
 NAME 3.04.08
 EXPNO 4
 PROCNO 1

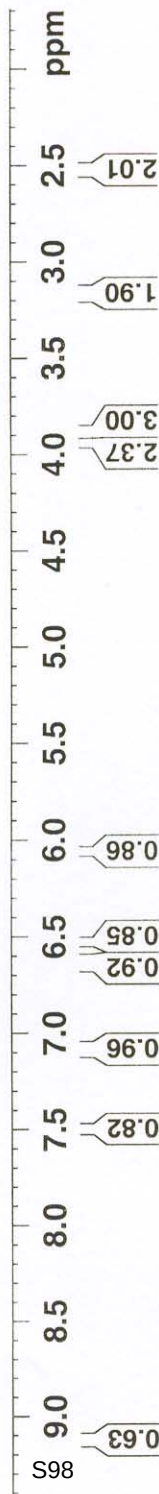
F2 - Acquisition Parameters
 Date_ 20080304
 Time 8.55
 INSTRUM drx400
 PROBD 5 mm QNP 1H/13
 PULPROG zg30
 TD 65536
 SOLVENT Acetone
 NS 25
 DS 2
 SWH 8278.146 Hz
 FIDRES 0.126314 Hz
 AQ 3.9584243 sec
 RG 812.7
 DW 60.400 usec
 DE 6.00 usec
 TE 299.2 K
 D1 1.00000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 10.50 usec
 PL1 -5.00 dB
 SFO1 400.1324710 MHz

F2 - Processing parameters
 SI 32768
 SF 400.1300053 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



68

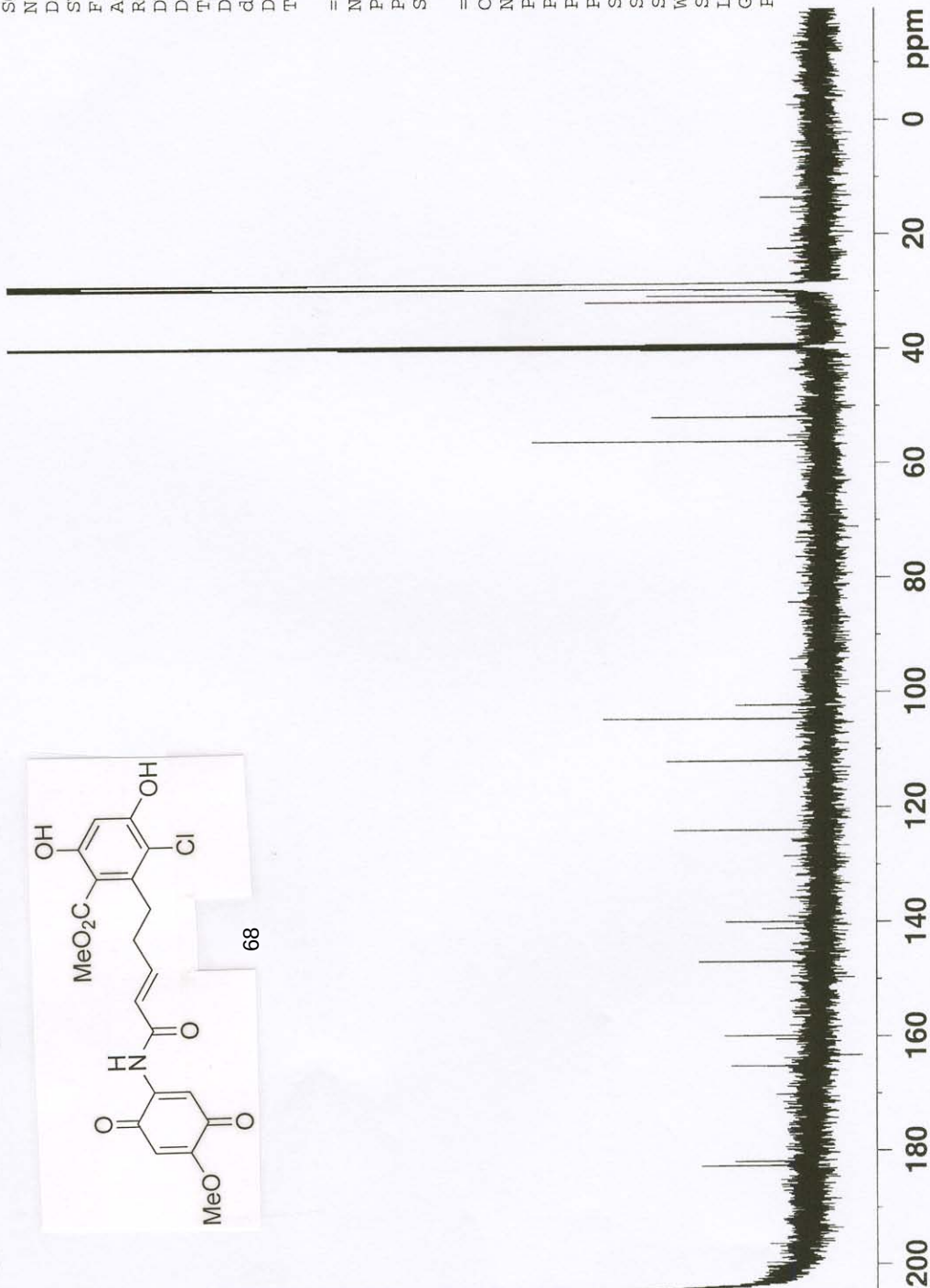
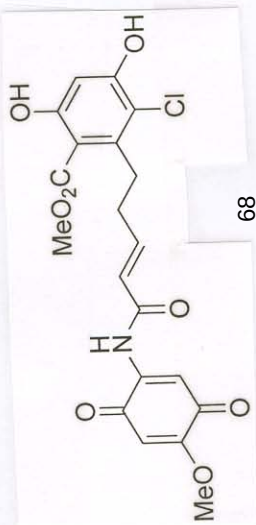


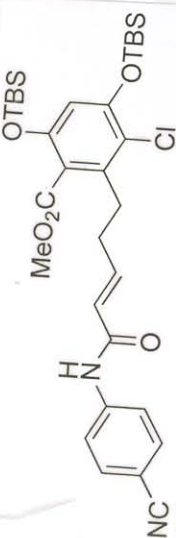


NAME TRA-8
 EXPNO 3
 PROCNO 1
 Date_ 20080304
 Time 11.41
 INSTRUM spect
 PROBD 5 mm CPDUL 13C
 PULPROG zgpg30
 TD 65536
 SOLVENT Acetone
 NS 1024
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 9195.2
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SFO1 125.7703643 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SFO2 500.1320005 MHz
 SI 32768
 SF 125.7577890 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40





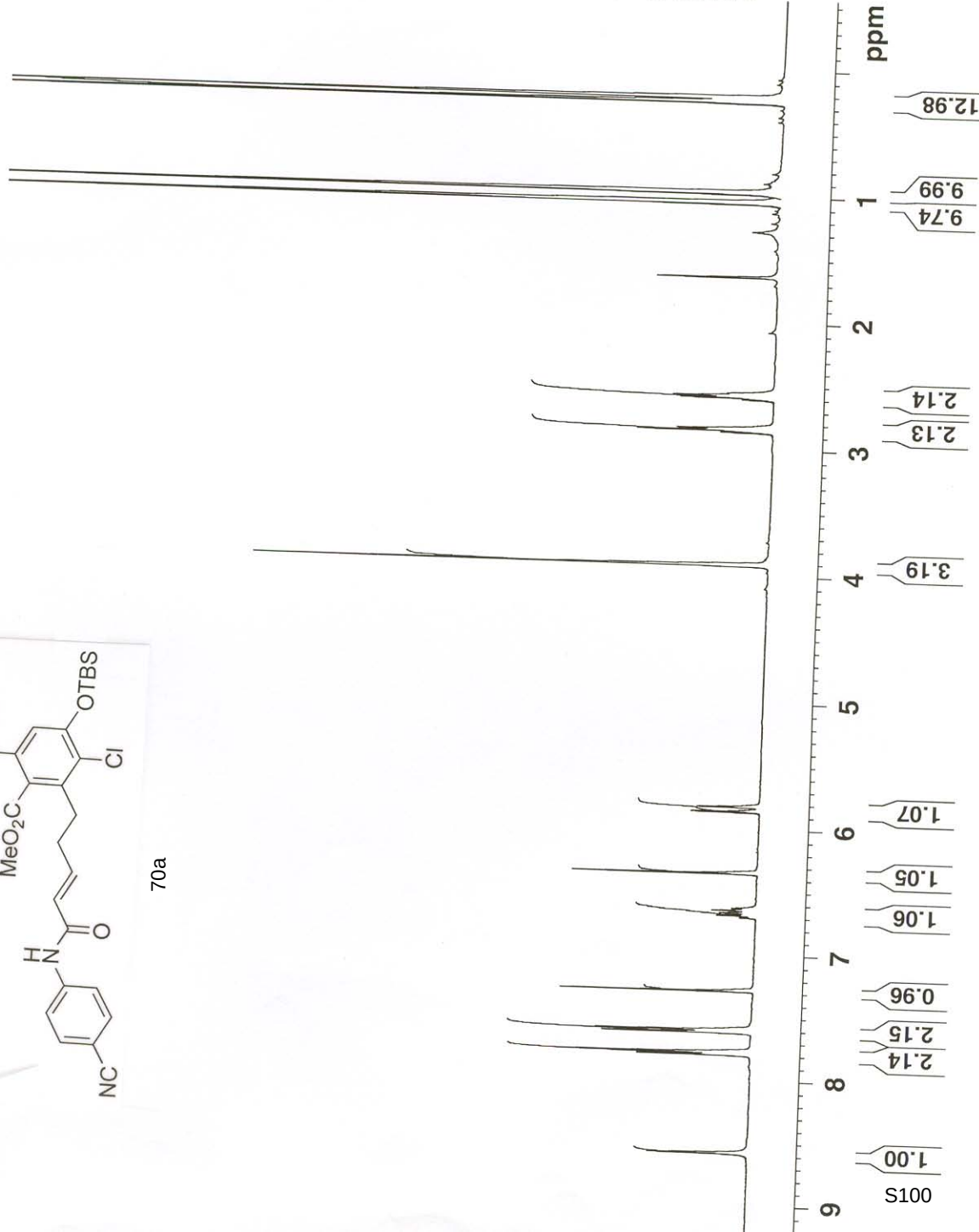
70a

Current Data Parameters
NAME 8.11.07
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070811
Time 9.26
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 16
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 203.2
DW 60.400 usec
DE 6.00 usec
TE 296.2 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SF01 400.1324710 MHz

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





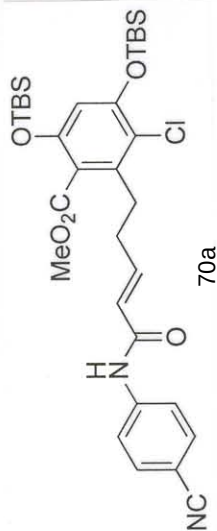
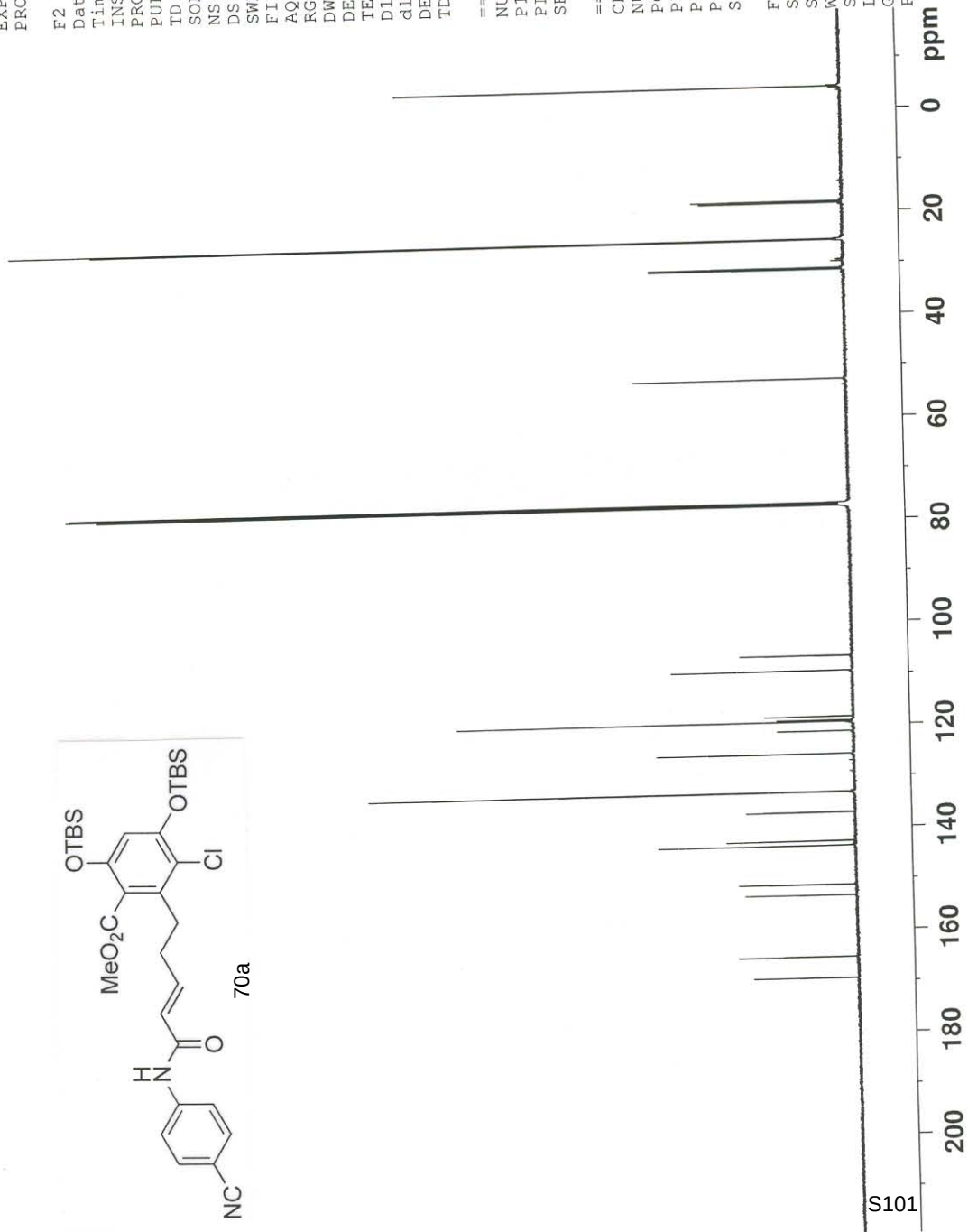
Current Data Parameters
NAME TCT-6
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070906
Time 18.03
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 4597.6
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



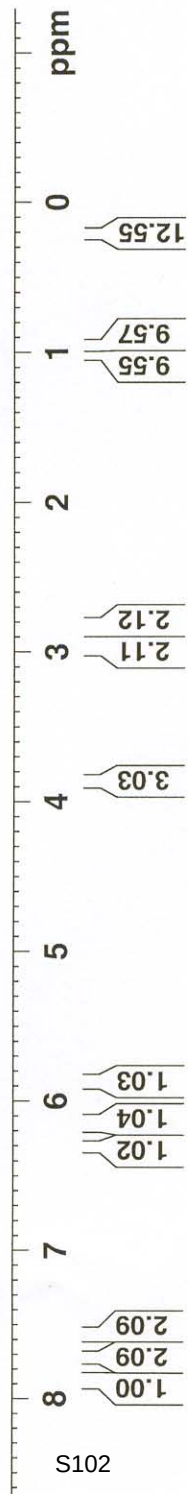
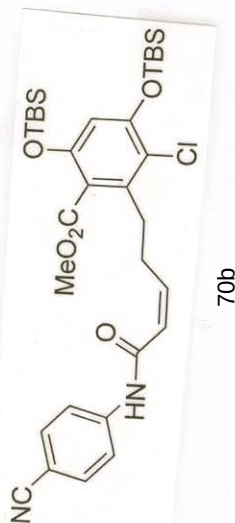


Current Data Parameters
NAME 8.1.07
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070801
Time 15.11
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 11
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 128
DW 60.400 usec
DE 6.00 usec
TE 296.2 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SF01 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300059 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





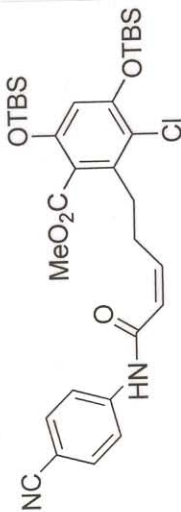
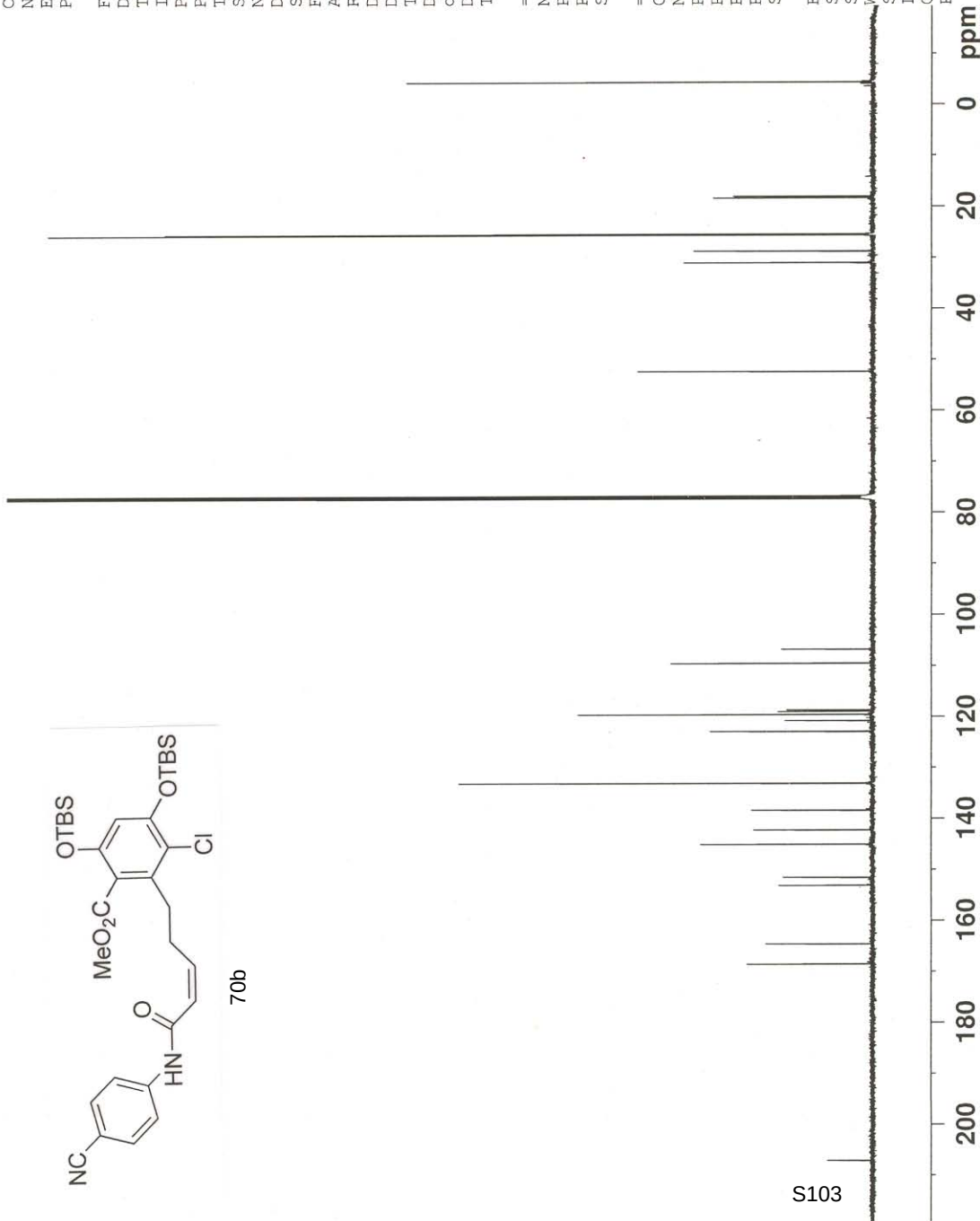
Current Data Parameters
NAME CCT-6
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070905
Time 18.22
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 256
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 14596.5
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

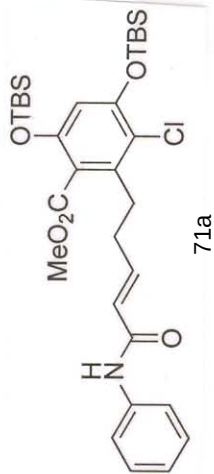
==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



70b

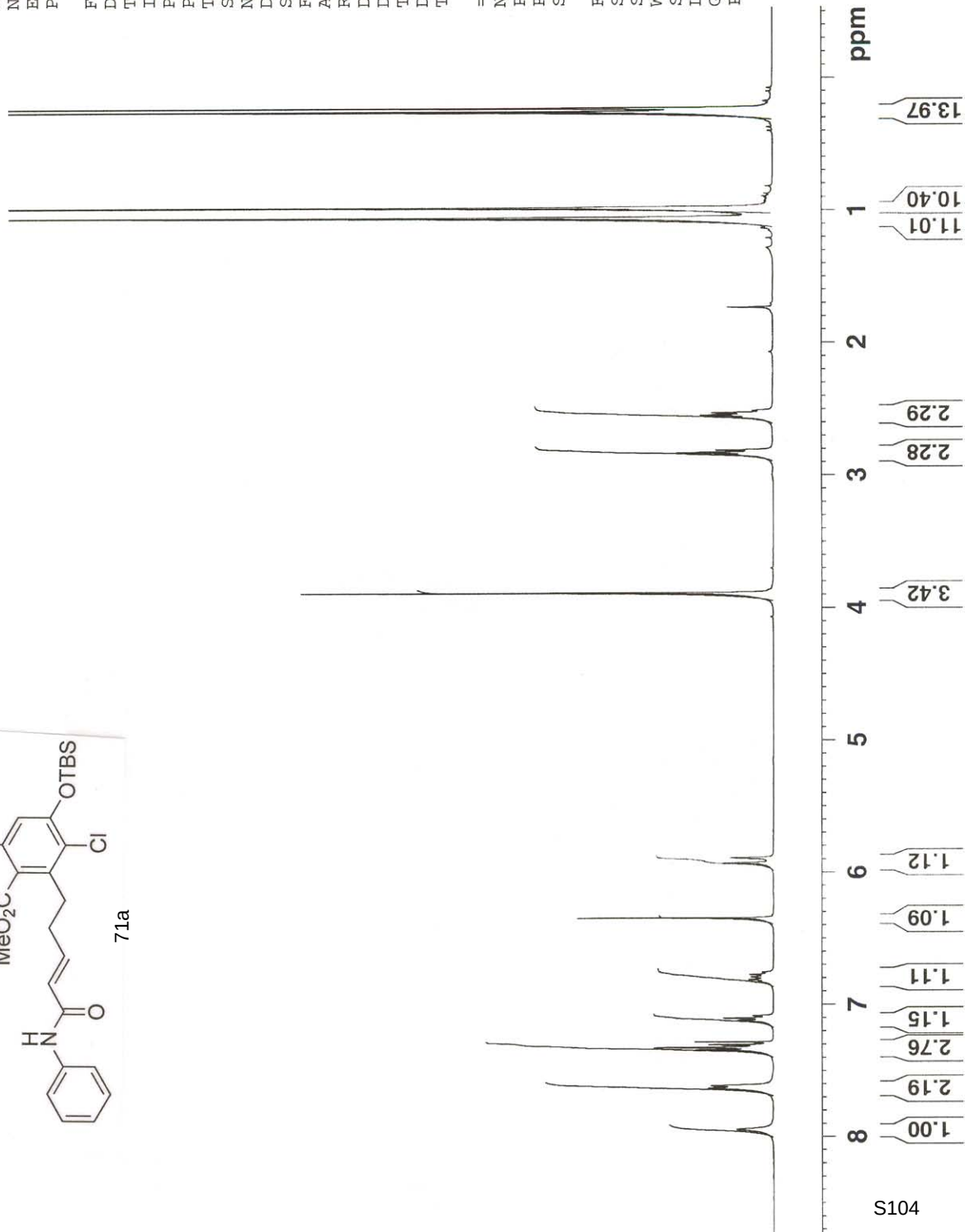


Current Data Parameters
NAME 10.24.07
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071024
Time 7.20
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 14
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 101.6
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





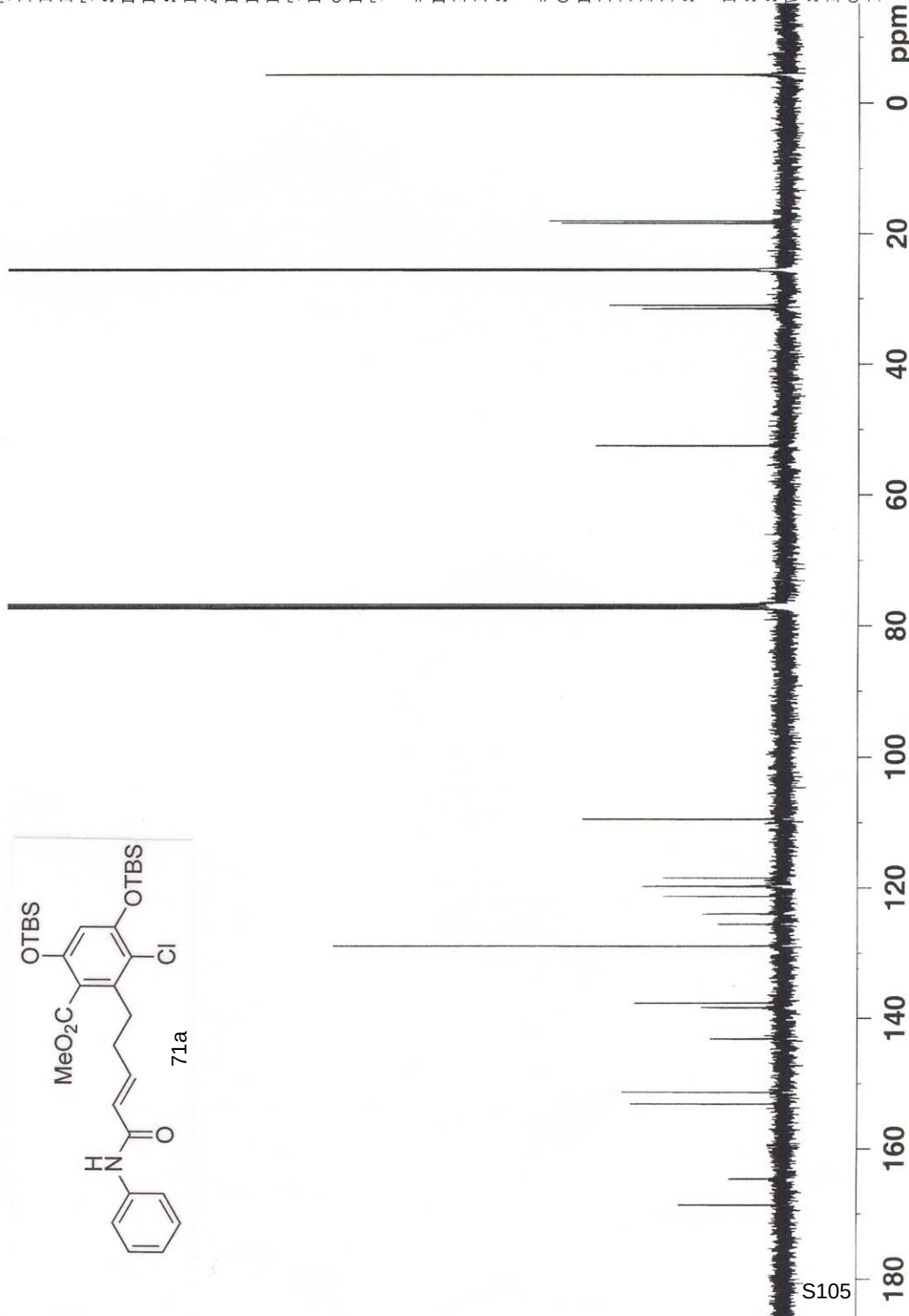
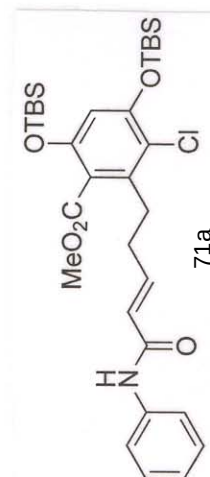
Current Data Parameters
NAME 10.24.07
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 200711024
Time 7.33
INSTRUM dirx400
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 341
DS 4
SWH 23980.814 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 9195.2
DW 20.850 usec
DE 6.00 usec
TE 295.2 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 9.85 usec
PL1 -2.00 dB
SFO1 100.6228298 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -5.00 dB
PL12 14.58 dB
PL13 16.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



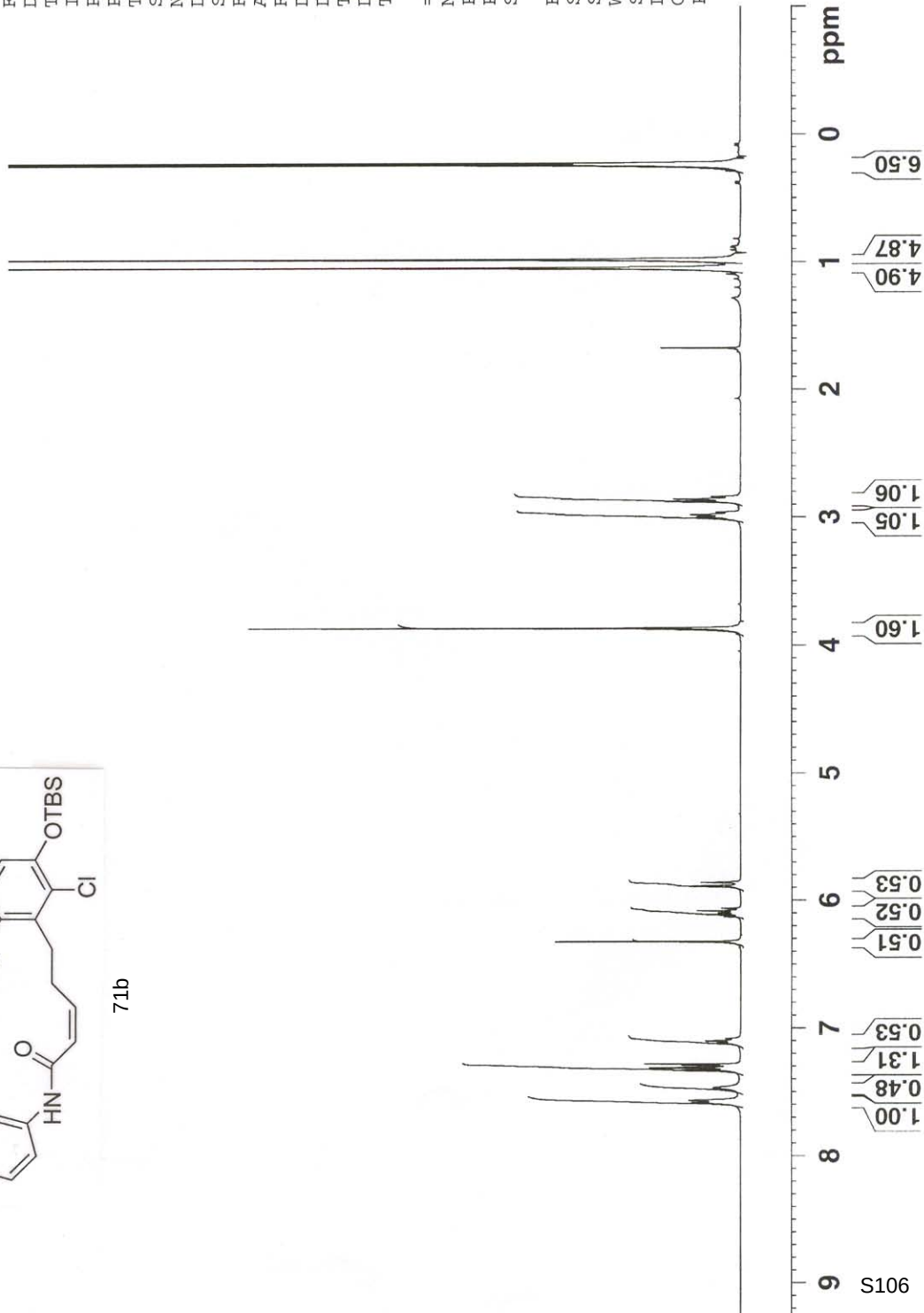
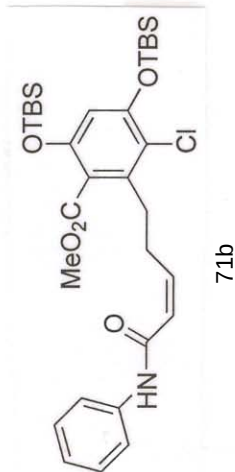


Current Data Parameters
NAME 10.22.07
EXPNO 4
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071022
Time 16.51
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 17
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 114
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





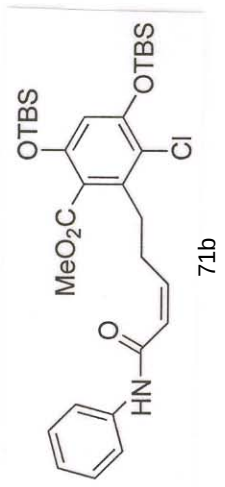
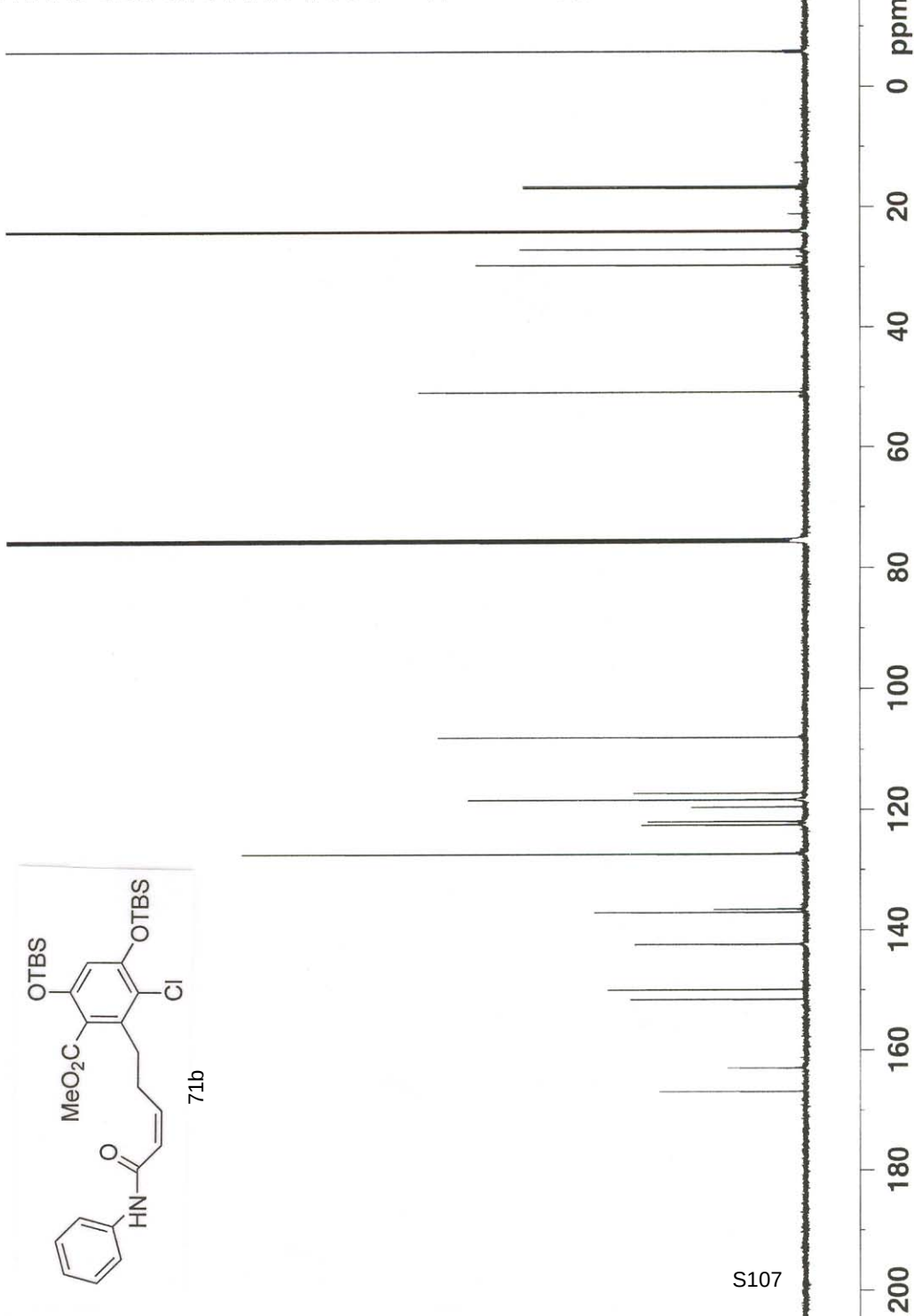
Current Data Parameters
NAME MKH-84
EXPNO 2
PROCNO 1

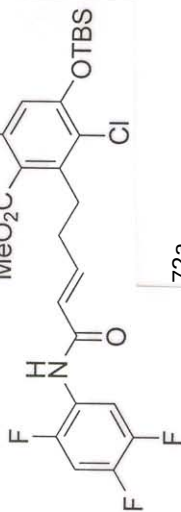
F2 - Acquisition Parameters
Date_ 20071023
Time 12.02
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CD2Cl2
NS 256
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577387 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40





Current Data Parameters	
NAME	8.11.07
EXPNO	3
PROCNO	1
F2 - Acquisition Parameters	
Date_	20070811
Time	11.02
INSTRUM	drx400
PROBHD	5 mm QNP 1H/13
PULPROG	zg30
TD	65536
SOLVENT	CDC13
NS	16
DS	2
SWH	8278.146 Hz
FIDRES	0.126314 Hz
AQ	3.9584243 sec
RG	114
DW	60.400 usec
DE	6.00 usec
TE	296.2 K
DD1	1.00000000 sec
TD0	1
===== CHANNEL f1 =====	
NUC1	1H
P1	10.50 usec
PL1	-5.00 dB
SFO1	400.1324710 MHz
F2 - Processing parameters	
SI	32768
SF	400.1300000 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00





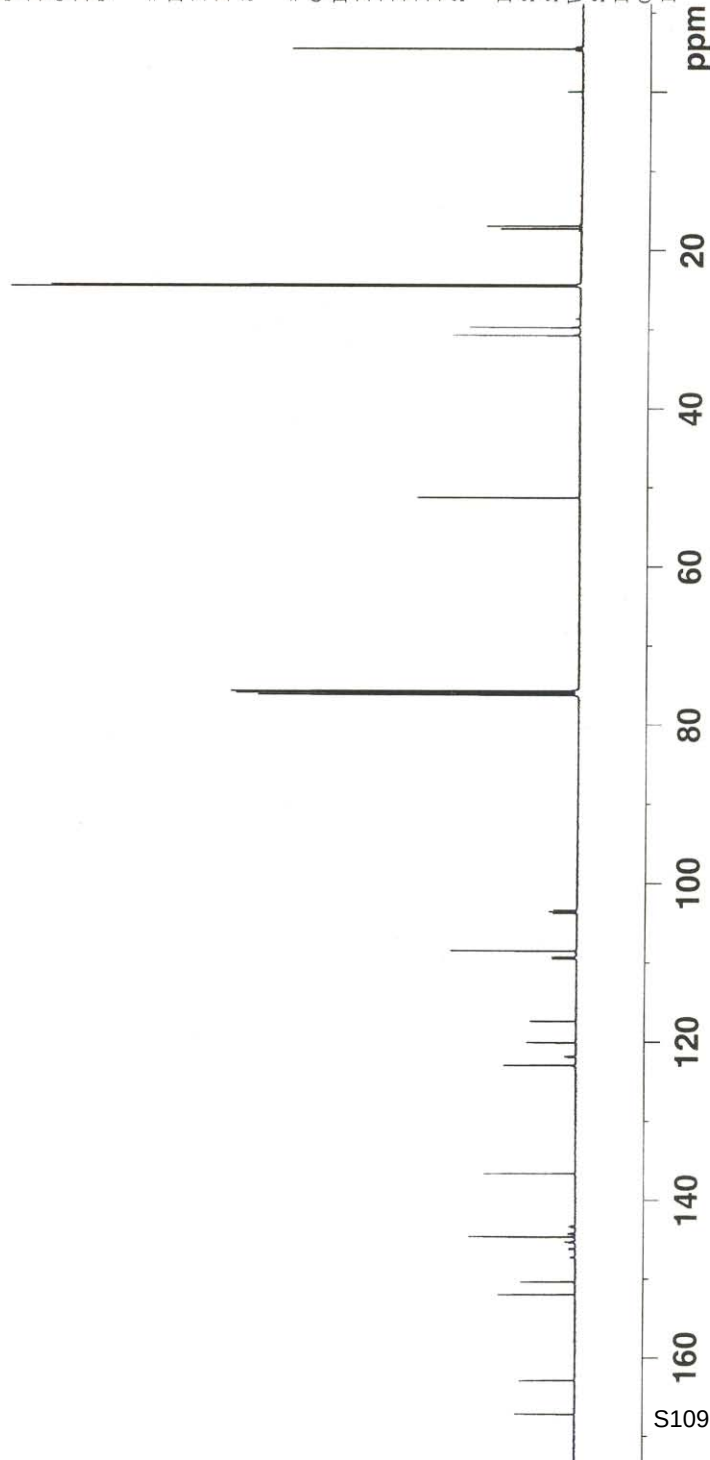
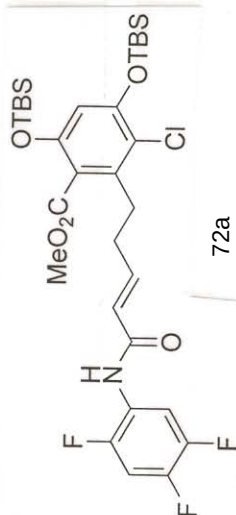
Current Data Parameters
NAME TCT-8
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070906
Time 18.19
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 5160.6
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7579202 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



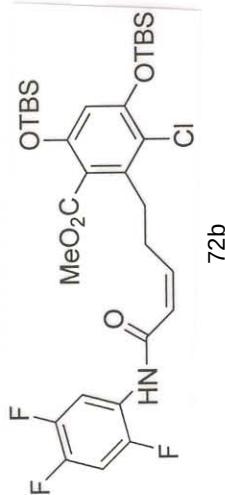


Current Data Parameters
NAME 8.1.07
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070801
Time 13.00
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 22
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 128
DW 60.400 use
DE 6.00 use
TE 296.2 K
D1 1.00000000 sec
TD0 1

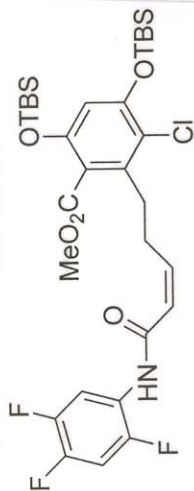
===== CHANNEL f1 =====
NUC1 1H
P1 10.50 use
PL1 -5.00 dB
SF01 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300059 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



72b





72b

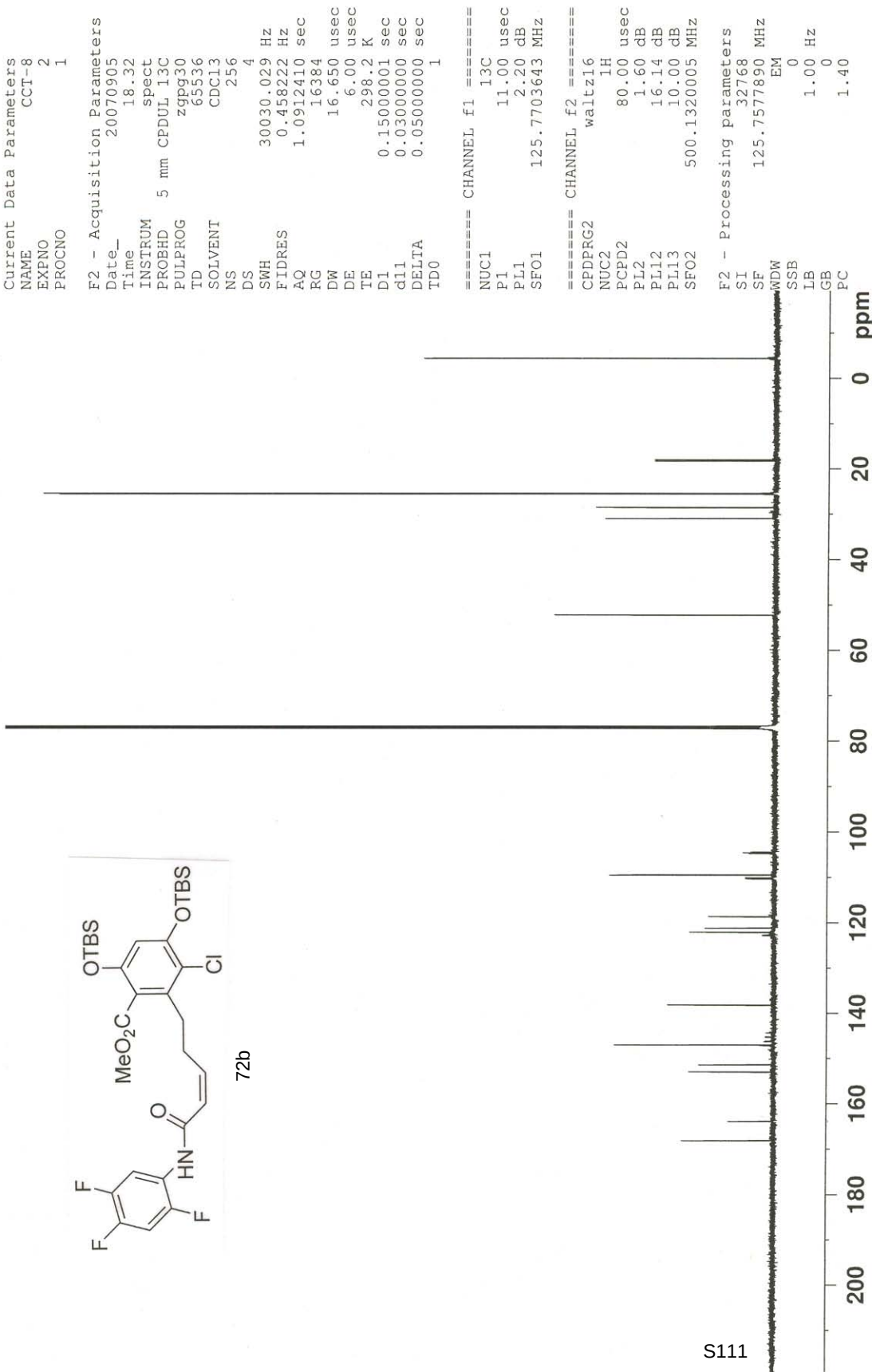
Current Data Parameters
NAME CCT-8
EXPNO 2
PROCNO 1

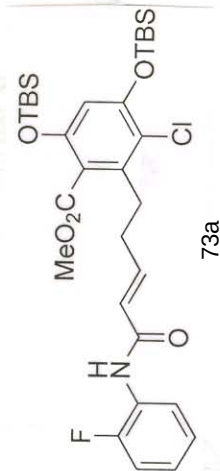
F2 - Acquisition Parameters
Date_ 20070905
Time 18.32
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 256
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 16384
DE 16.650 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40







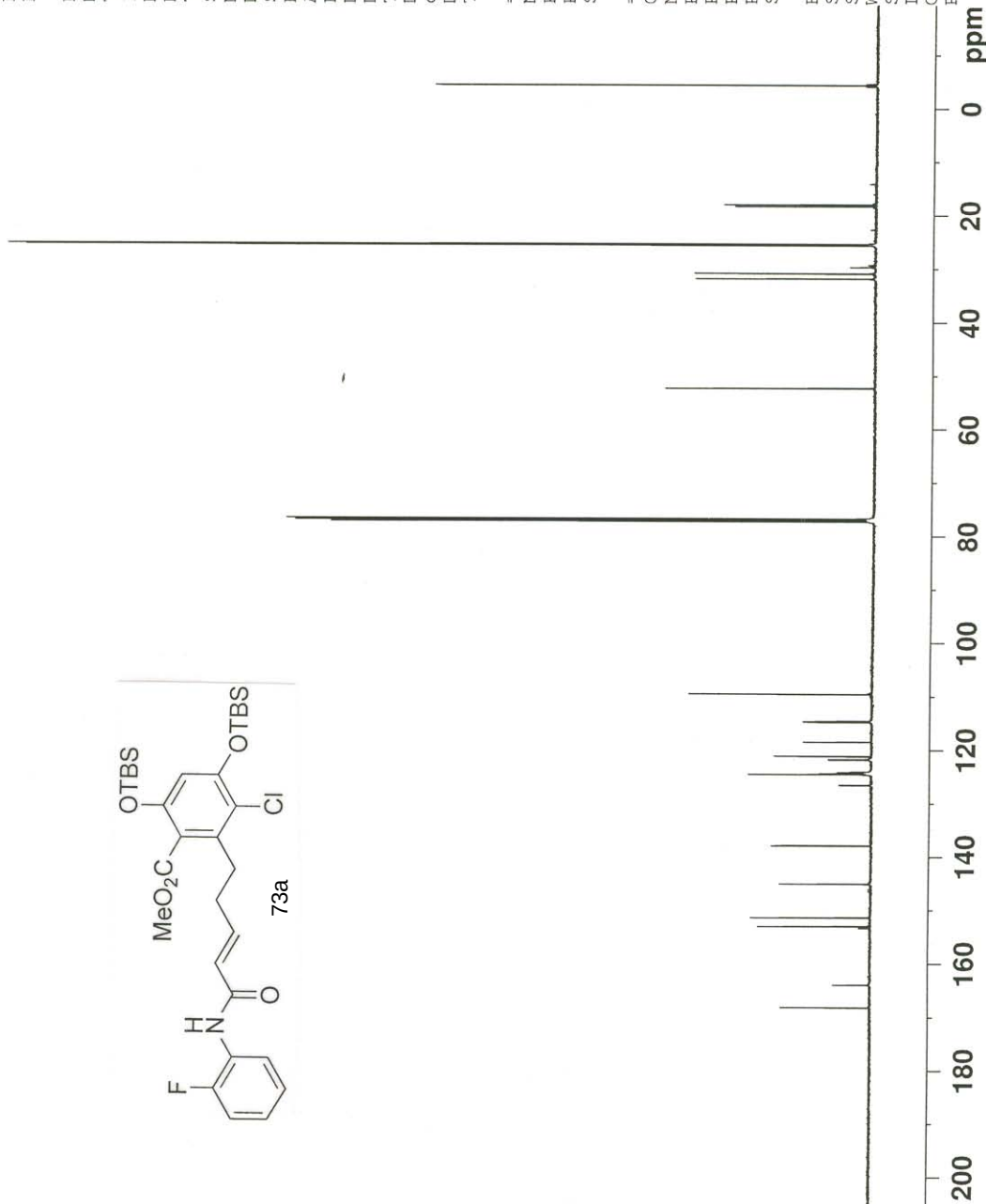
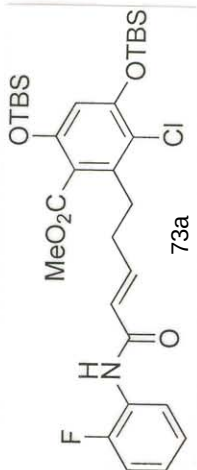
Current Data Parameters
 NAME TCT-3
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20070906
 Time 17.46
 INSTRUM spect
 PROBHD 5 mm CPDUL 13C
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 463
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 14596.5
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SFO1 125.7703643 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SFO2 500.1320005 MHz

F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 EM 0
 WDW 0
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



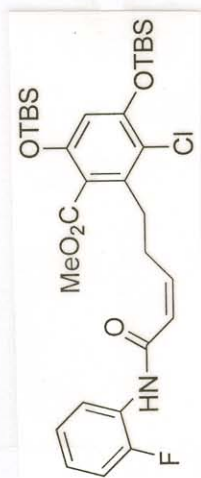


Current Data Parameters
NAME 8.3.07
EXPNO 2
PROCNO 1

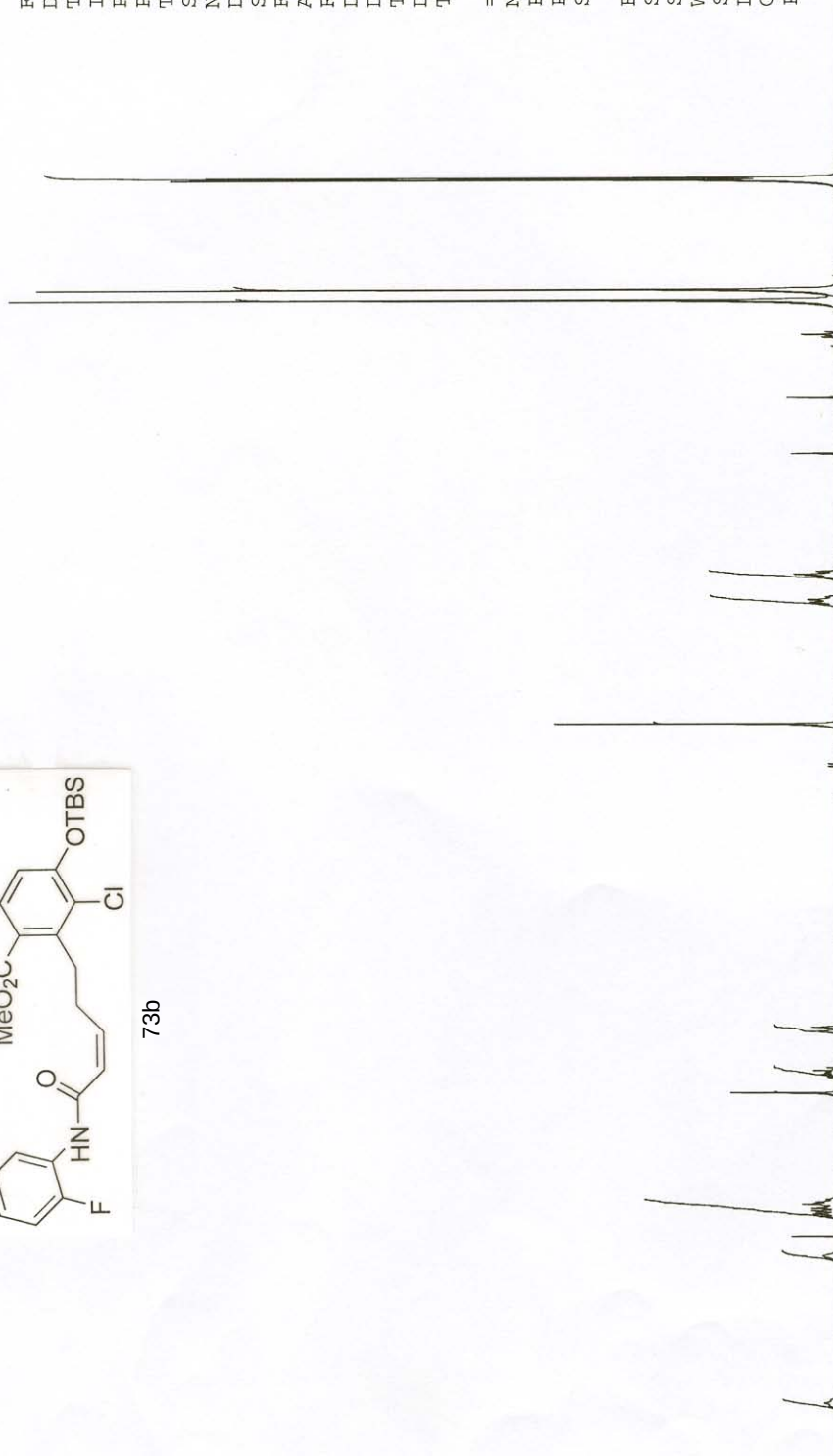
F2 - Acquisition Parameters
Date_ 20070803
Time 7.20
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 36
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 90.5
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300059 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



73b



ppm



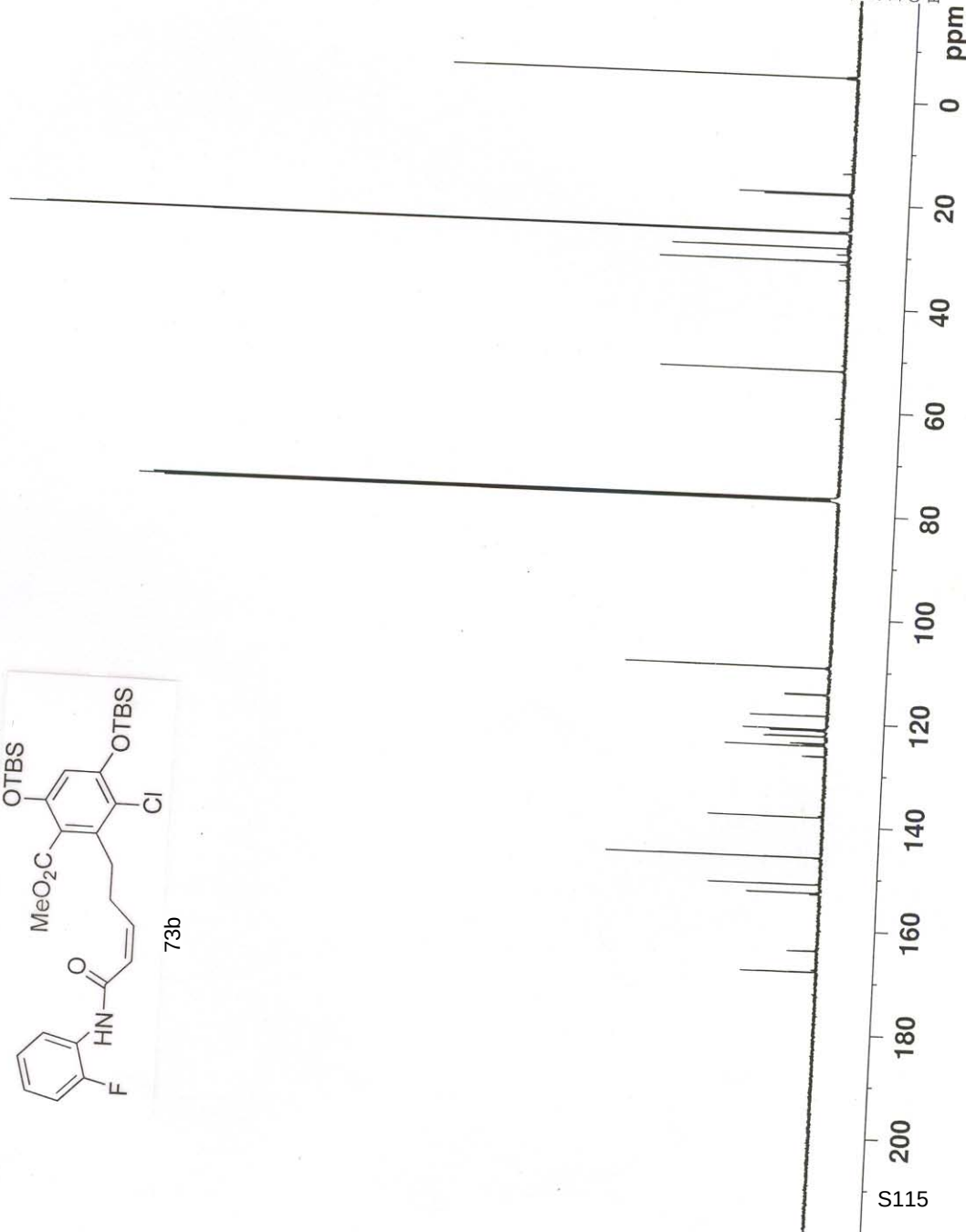
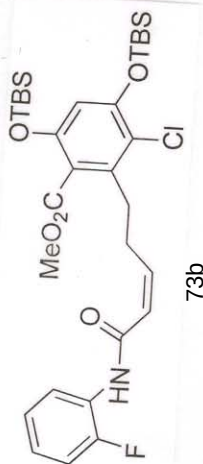
Current Data Parameters
 NAME CCT-3
 EXPNO 2
 PROCNO 1

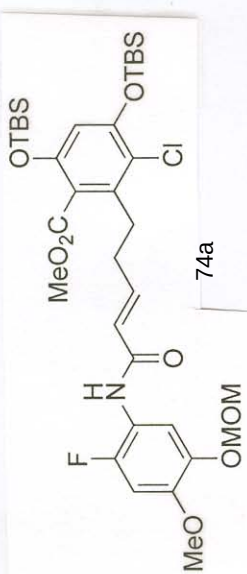
F2 - Acquisition Parameters
 Date_ 20070905
 Time 18.11
 INSTRUM spect
 PROBHD 5 mm CPDUL 13C
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 256
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 14596.5
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SF01 125.7703643 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 P1 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SF02 500.1320005 MHz

F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 EM 0
 LB 1.00 Hz
 GB 0
 PC 1.40



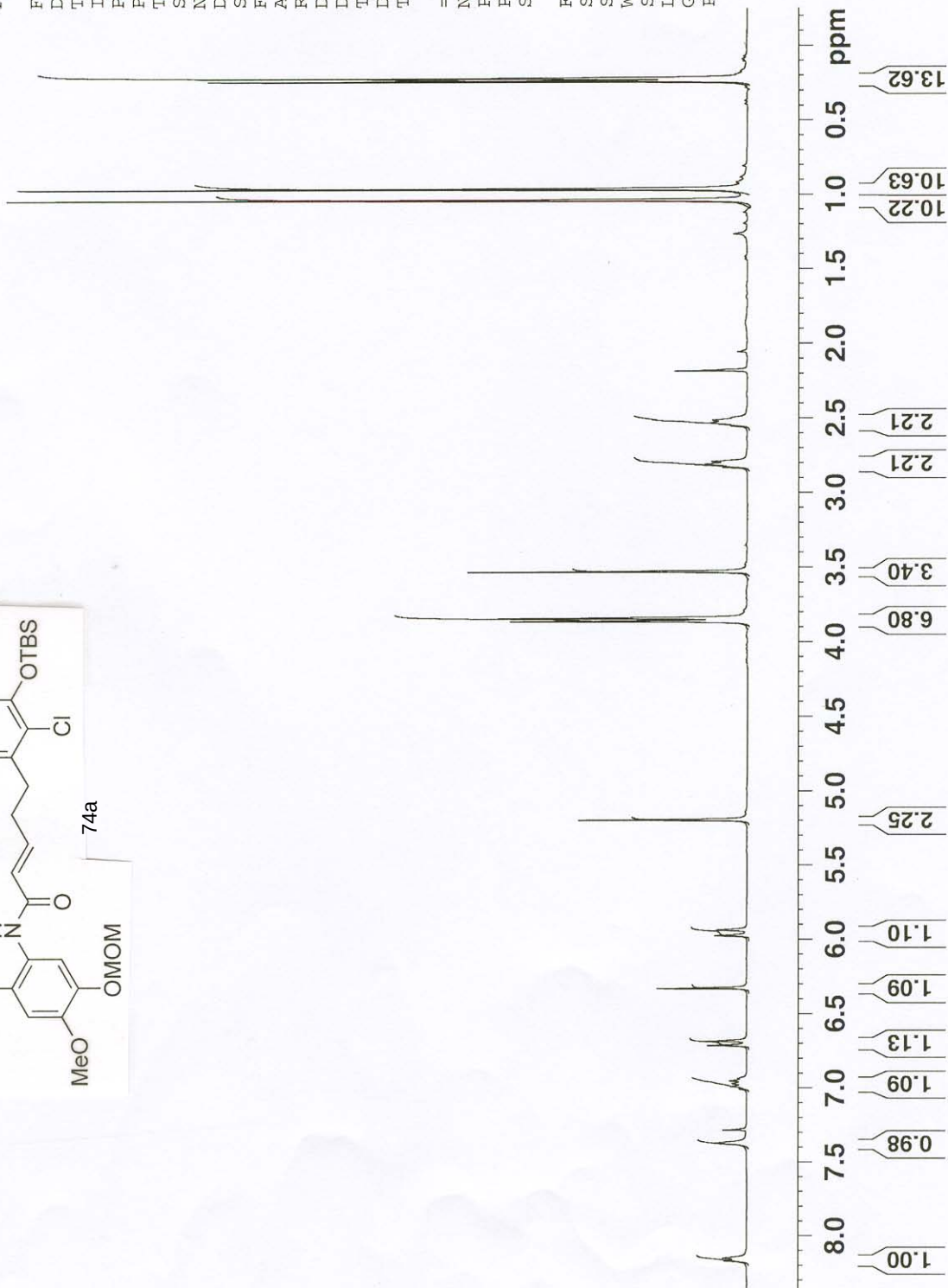


Current Data Parameters
NAME 8.25.07
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070825
Time 6.36
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 21
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 57
DE 60.400 usec
TE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





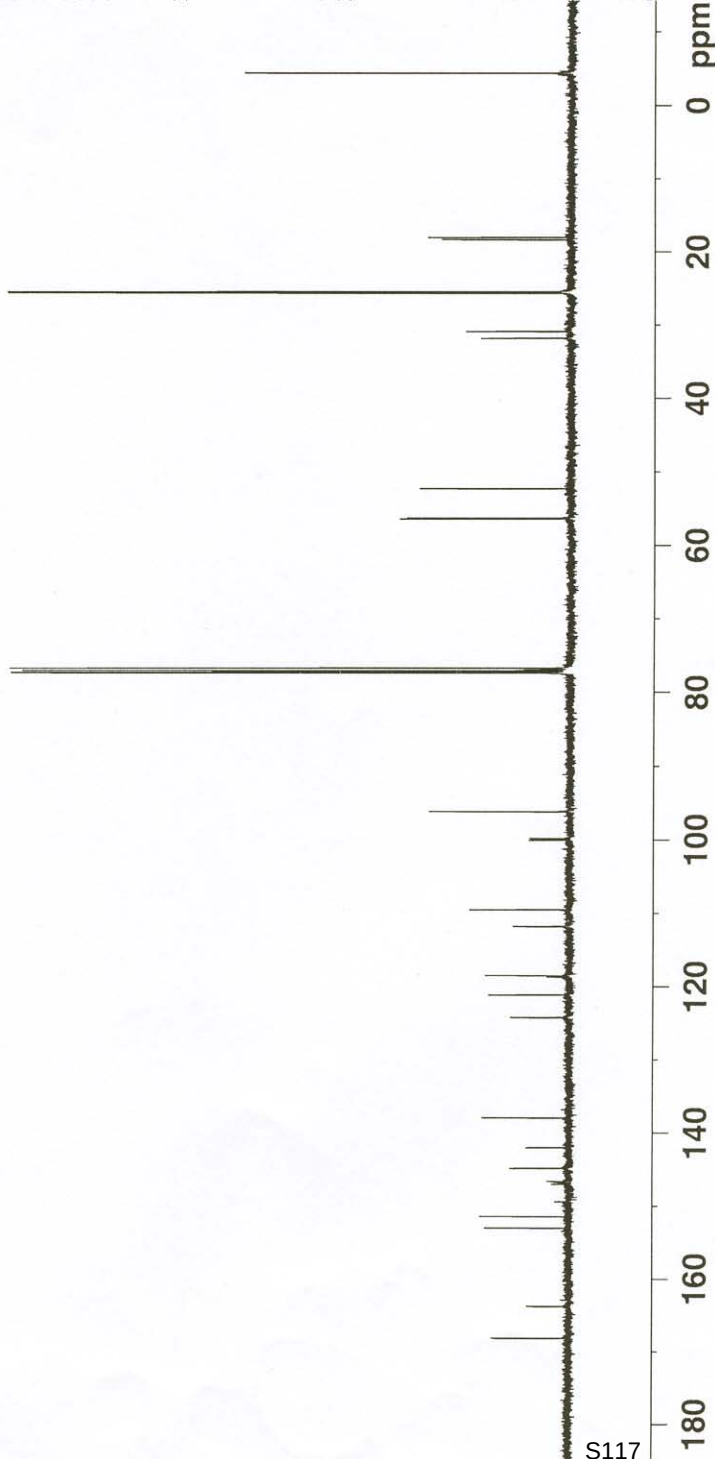
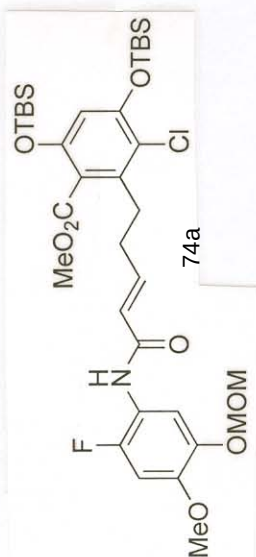
Current Data Parameters
NAME 8.25.07
EXPNO 3
PROCNO 1

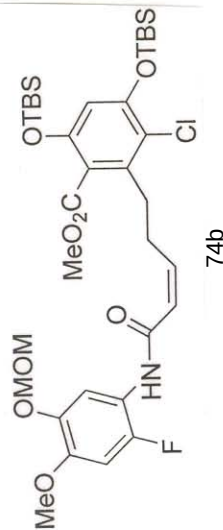
F2 - Acquisition Parameters
Date_ 20070825
Time 7.01
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 376
DS 4
SWH 23980.814 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 4096
DW 20.850 usec
DE 6.00 usec
TE 295.2 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 9.85 usec
PL1 -2.00 dB
SFO1 100.6228298 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -5.00 dB
PL12 14.58 dB
PL13 16.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



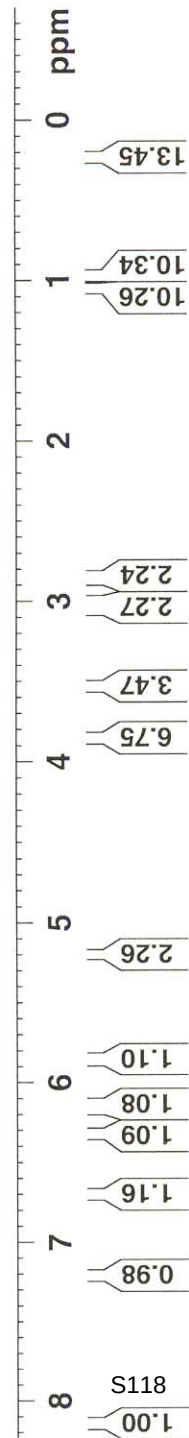


Current Data Parameters
NAME 8.18.07
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070818
Time 11.49
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 18
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 114
DW 60.400 usec
DE 6.00 usec
TE 299.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





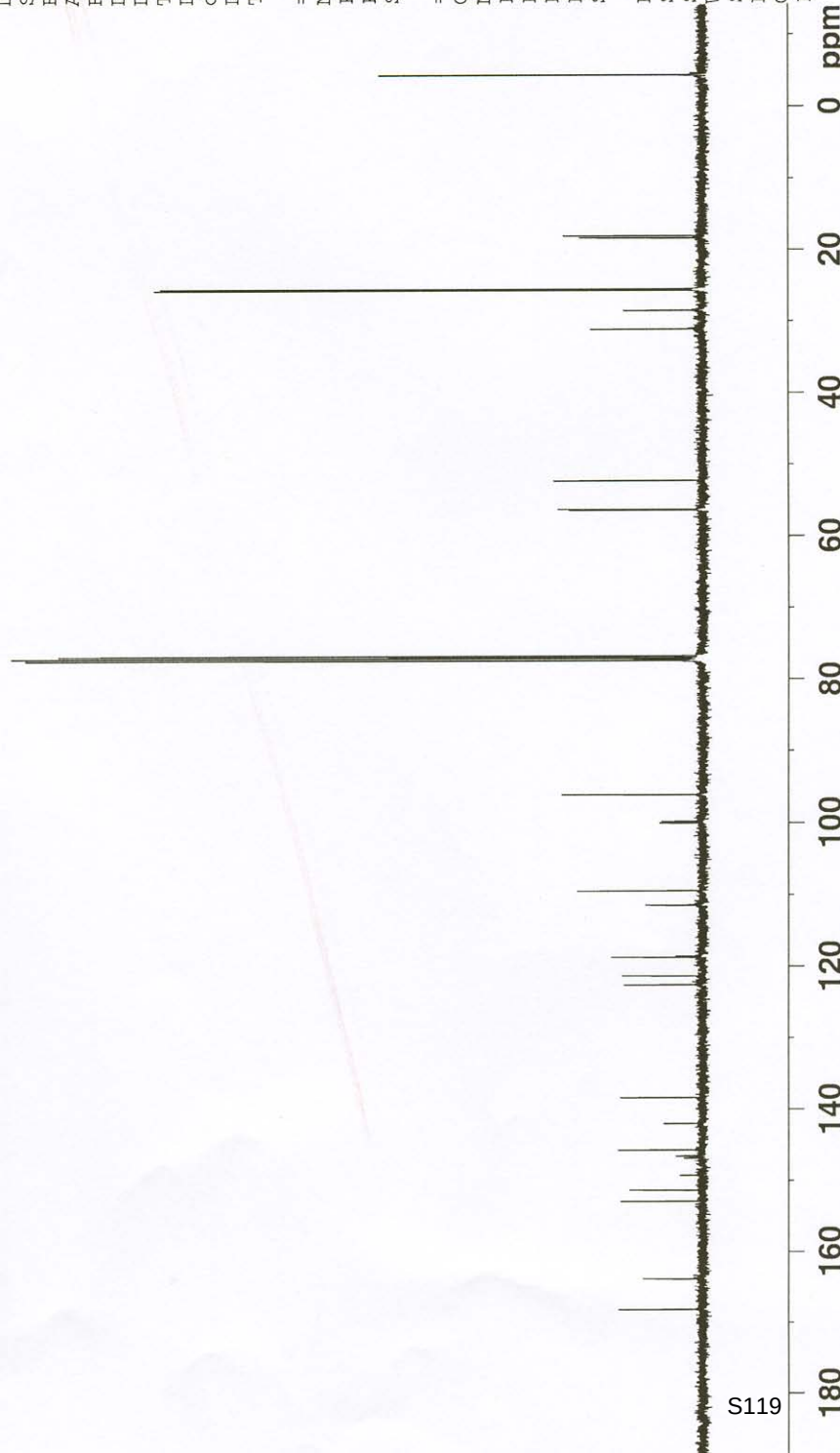
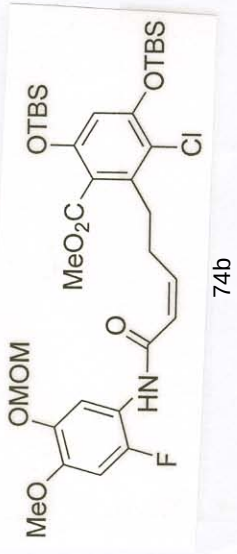
Current Data Parameters
 NAME 8.25.07
 EXPNO 4
 PROCNO 1

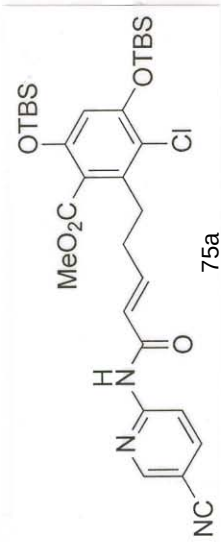
F2 - Acquisition Parameters
 Date_ 20070825
 Time 7.24
 INSTRUM drx400
 PROBD 5 mm QNP 1H/13
 PULPROG zgpg30
 TD 65536
 SOLVENT CDC13
 NS 362
 DS 4
 SWH 23980.814 Hz
 FIDRES 0.365918 Hz
 AQ 1.3664756 sec
 RG 4096
 DW 20.850 usec
 DE 6.00 usec
 TE 295.2 K
 D1 2.00000000 sec
 d11 0.03000000 sec
 DELTA 1.89999998 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 9.85 usec
 PL1 -2.00 dB
 SFO1 100.6228298 MHz

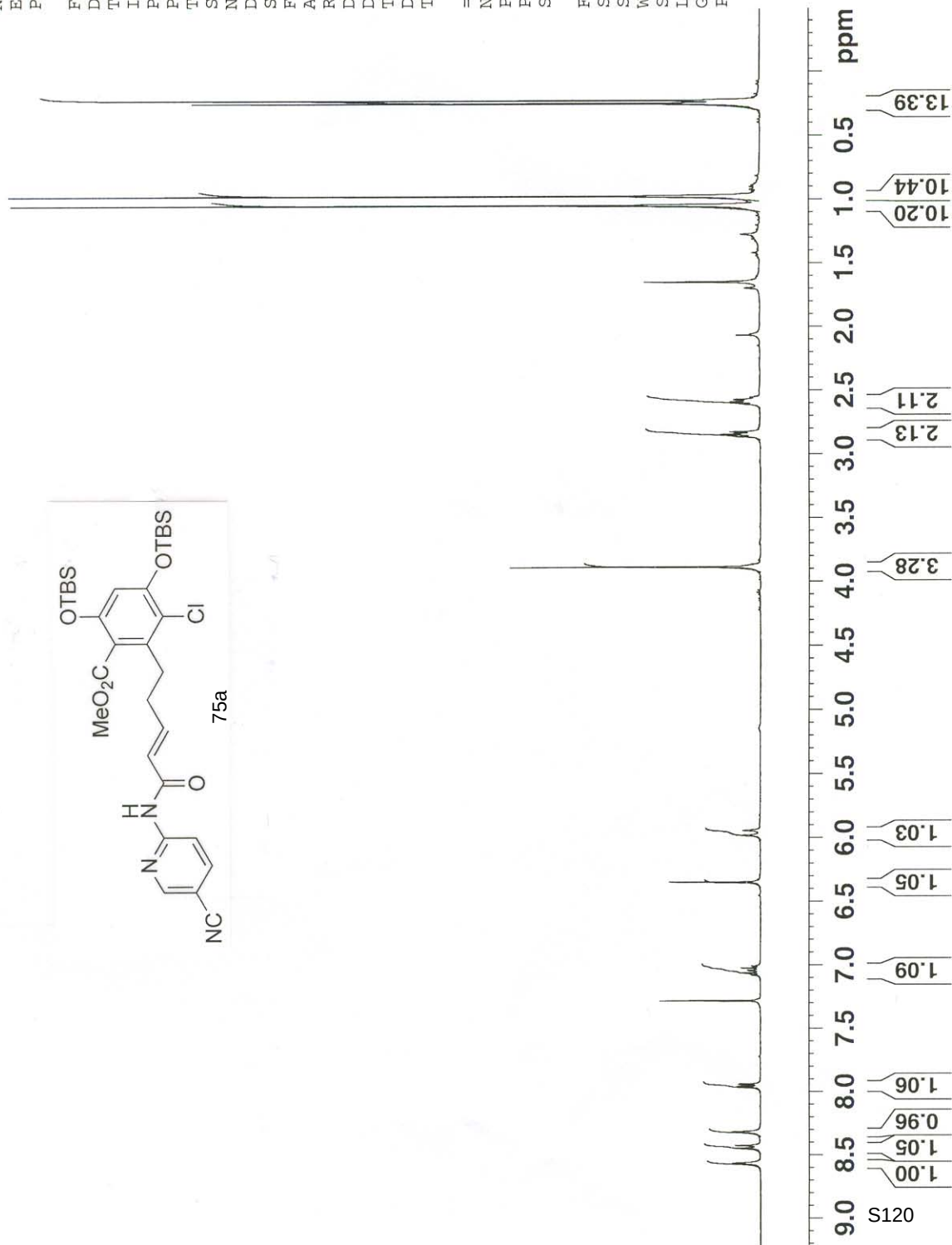
===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -5.00 dB
 PL12 14.58 dB
 PL13 16.00 dB
 SFO2 400.1316005 MHz

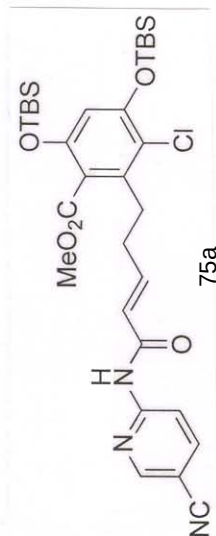
F2 - Processing parameters
 SI 32768
 SF 100.6127690 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



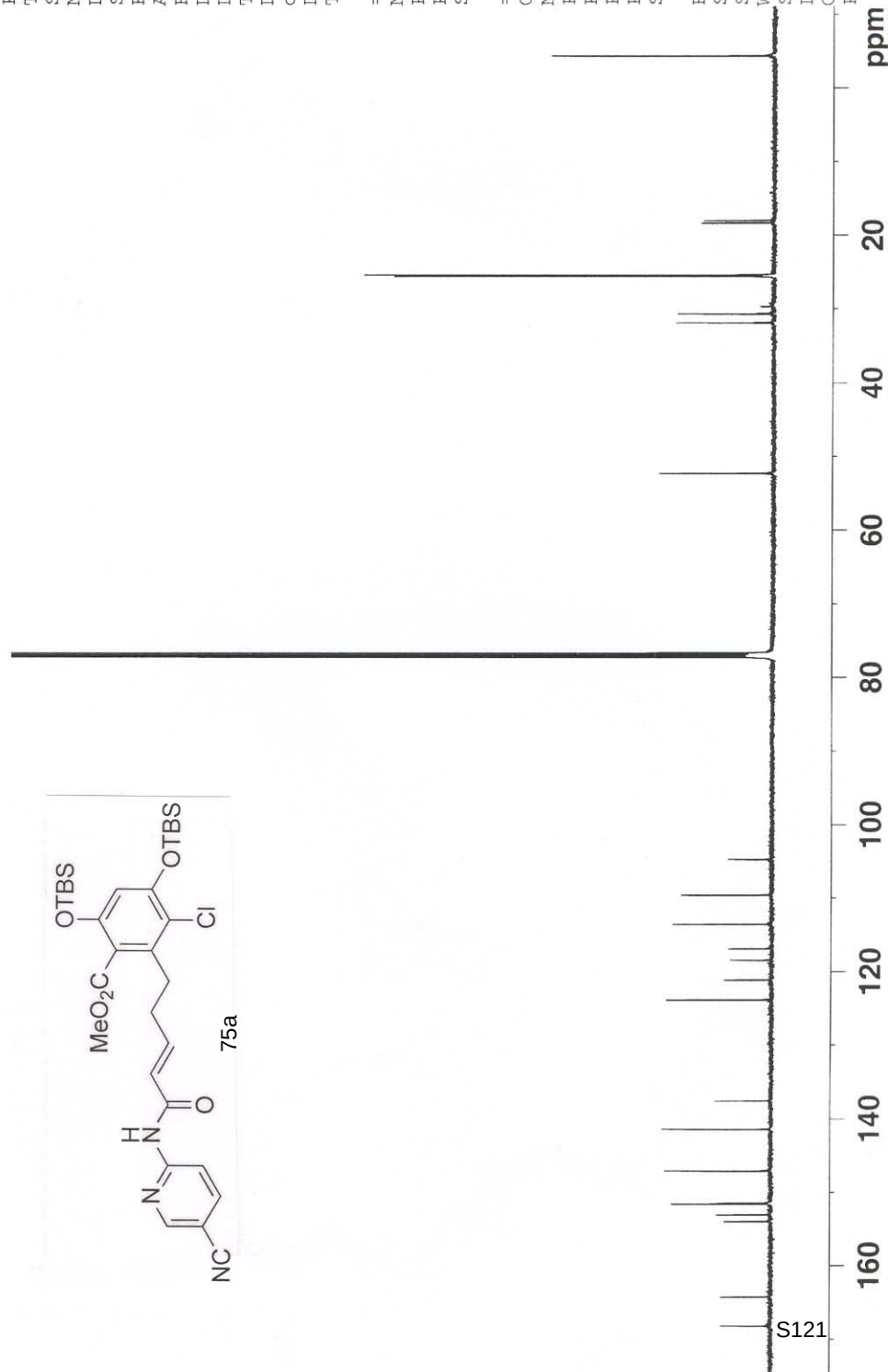


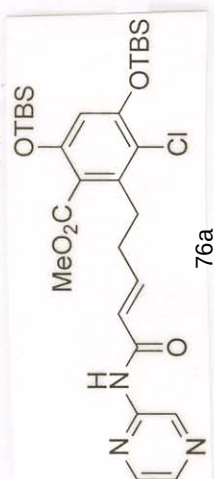
F2 - Processing parameters	
SI	32768
SF	400.130000 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



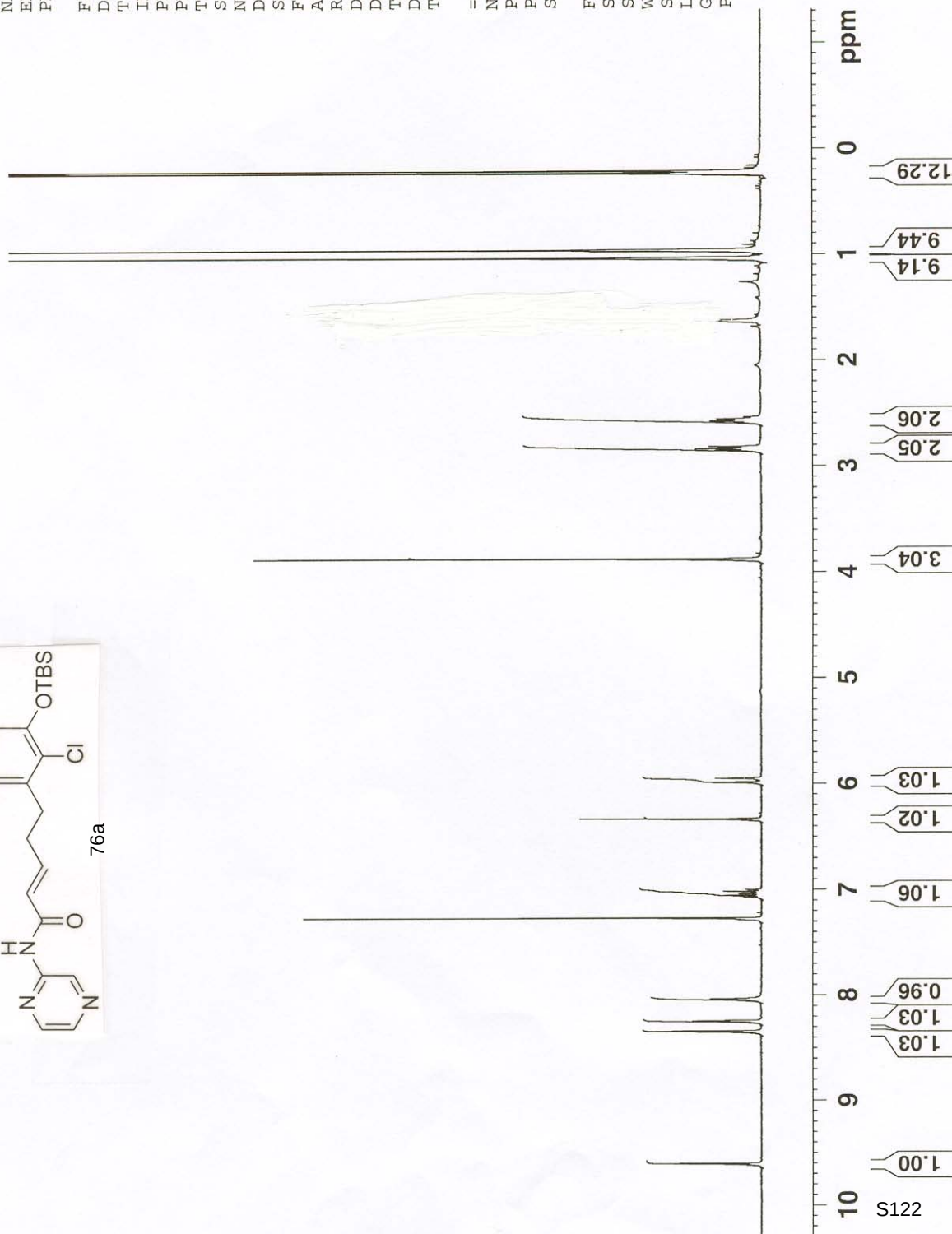


F2 - Processing parameters	
SI	32768
SF	125.7577890 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40





F2 - Processing parameters
SI 32768
SF 400.1300059 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





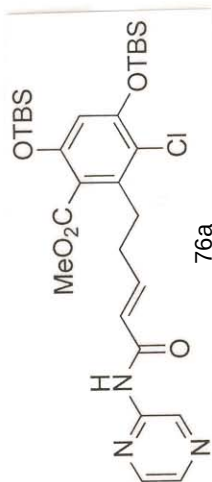
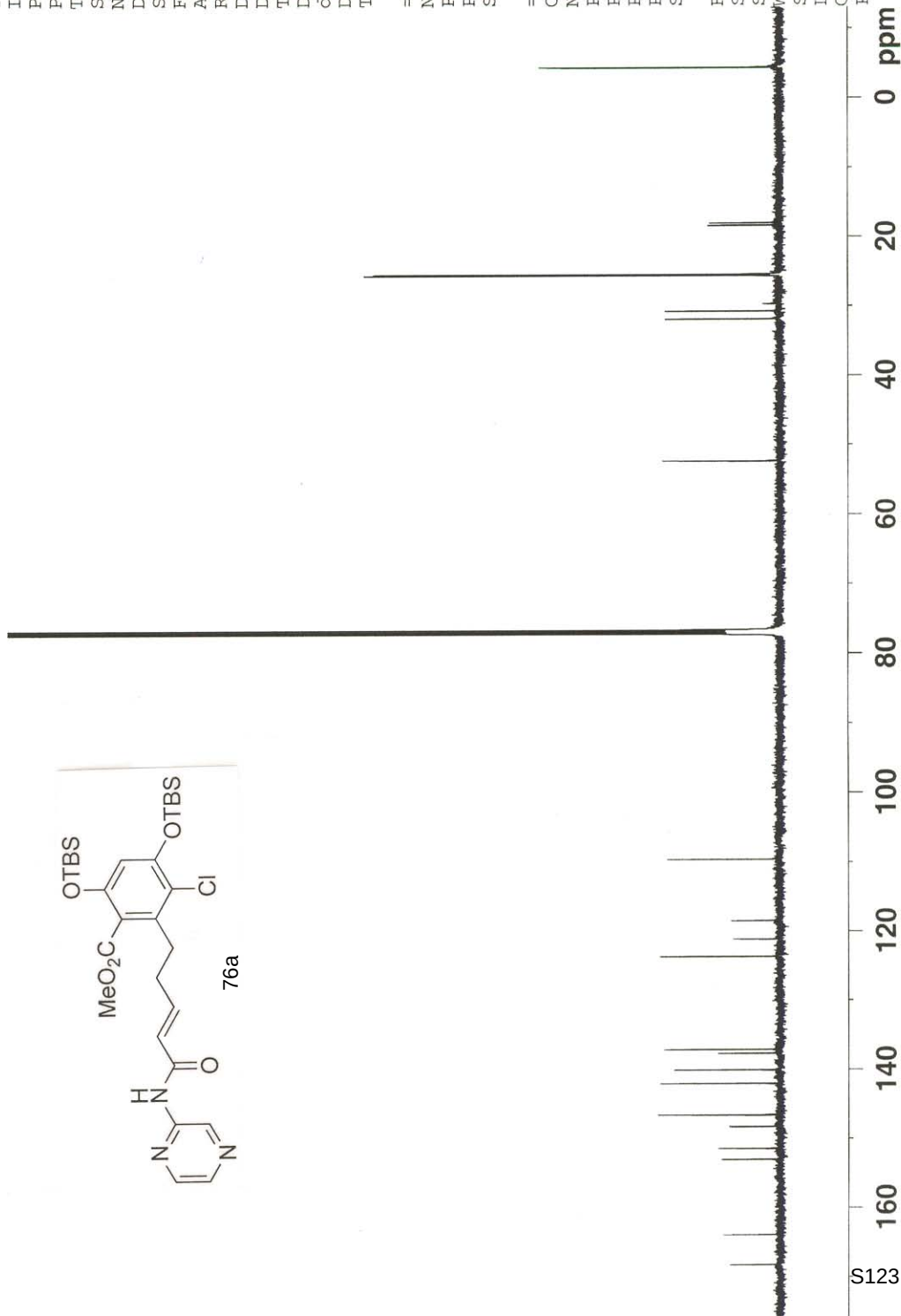
Current Data Parameters
 NAME TCT-7
 EXPNO 2
 PROCNO 1

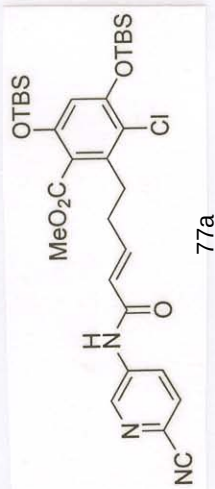
F2 - Acquisition Parameters
 Date_ 20070910
 Time 16.43
 INSTRUM spect
 PROBHD 5 mm CPDUL 13C
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 768
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 18390.4
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SFO1 125.7703643 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SFO2 500.1320005 MHz

F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



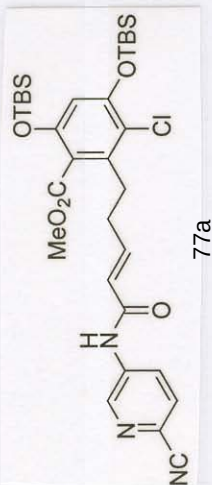


```

===== CHANNEL f1 =====
NUC1      1H
PL         10.50 usec
PL1        -5.00 dB
SFO1       400.1324710 MHz
SI         32768
SF         400.1300000 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00

```





```
===== CHANNEL f2 =====
CPDPRG2      waltz16
NUC2         1H
PCPD2        80.00 use
PL2          1.60 dB
PL12         16.14 dB
PL13         10.00 dB
SFO2        500.1320005 MHz
SI           32768
SF           125.7577890 MHz
WDW          EM
SSB          0
LB           1.00 Hz
GB           0
PC           1.40
```



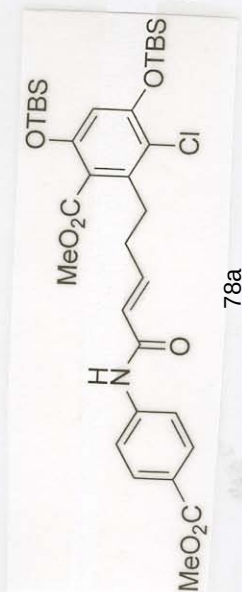


Current Data Parameters
NAME 8.23.07
EXPNO 1
PROCNO 1

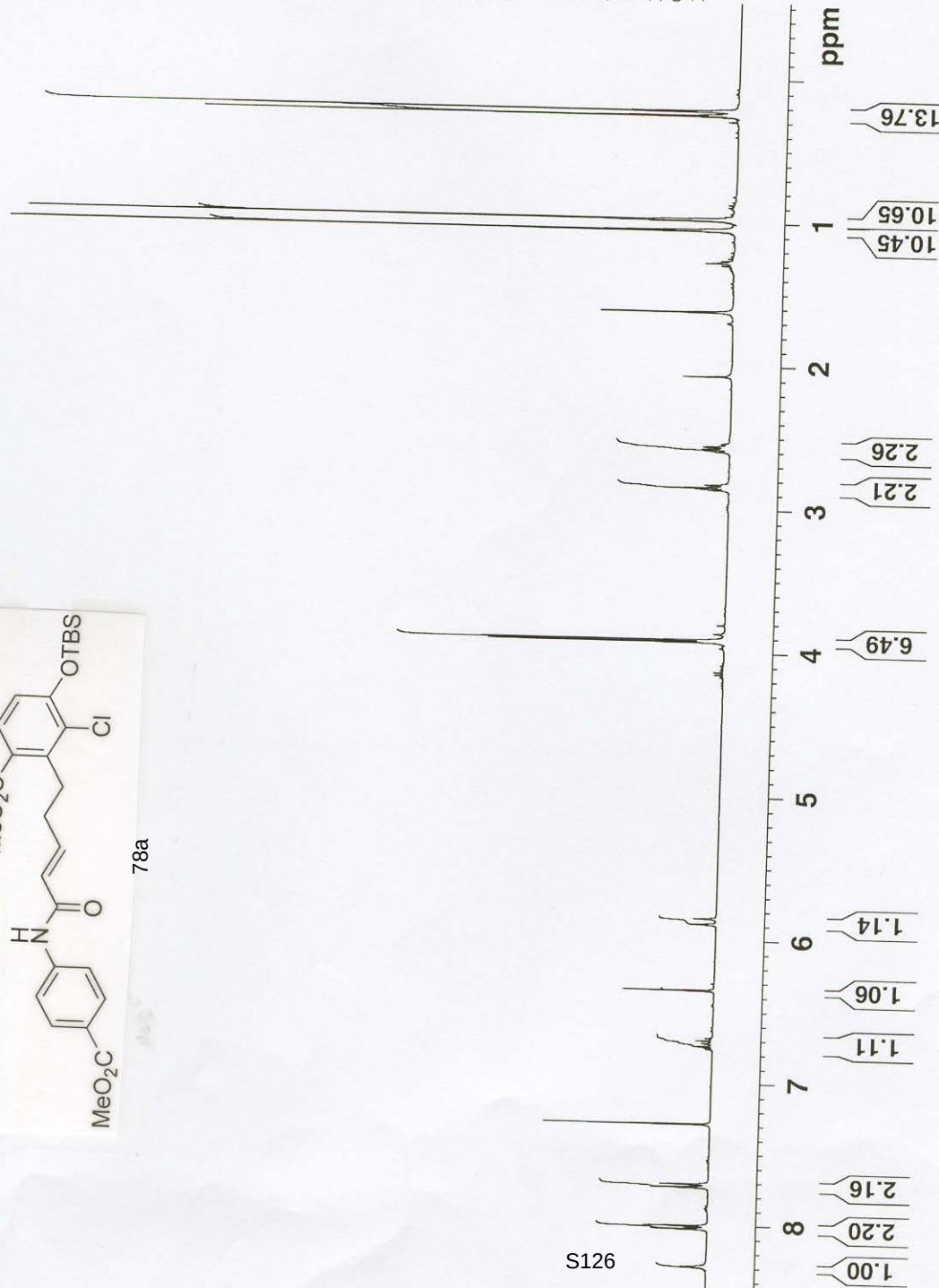
F2 - Acquisition Parameters
Date_ 20070823
Time 12.07
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 12
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 256
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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



9125





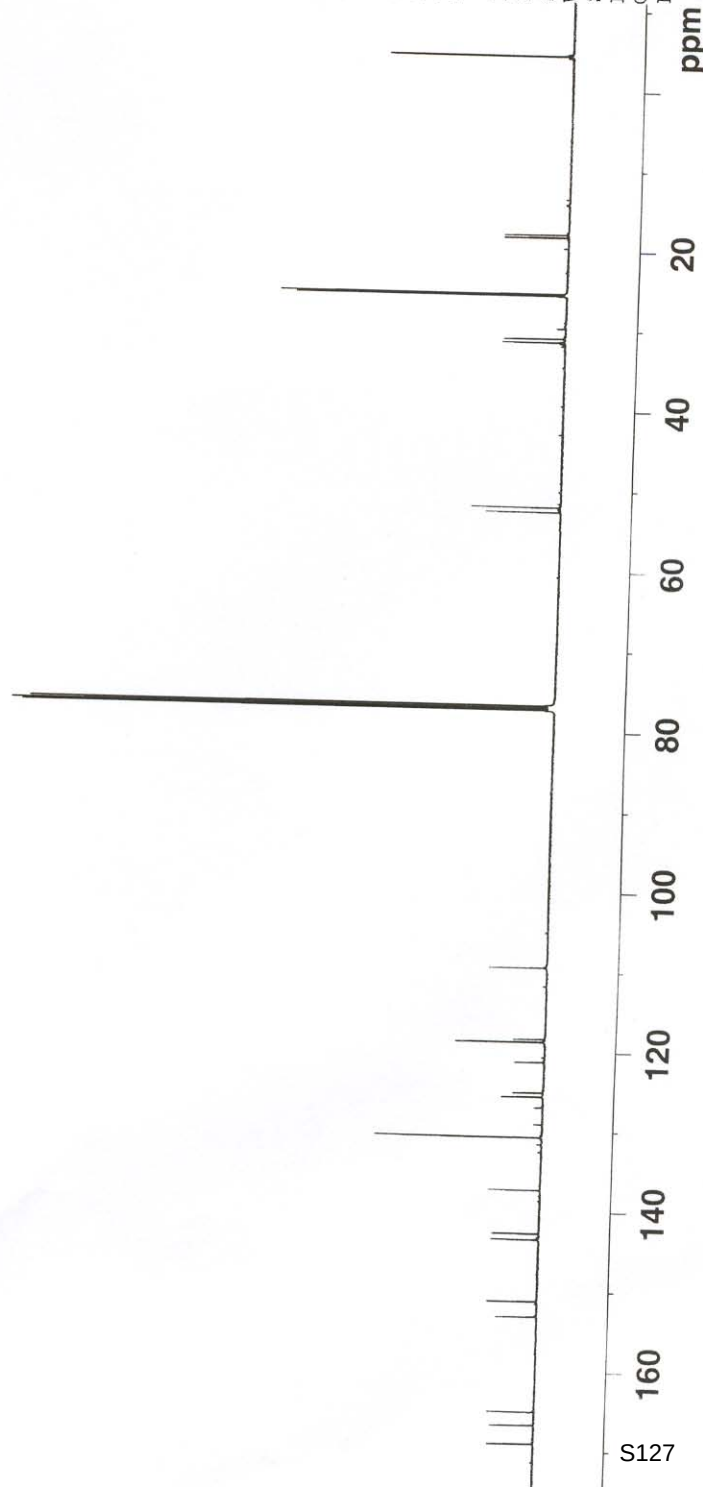
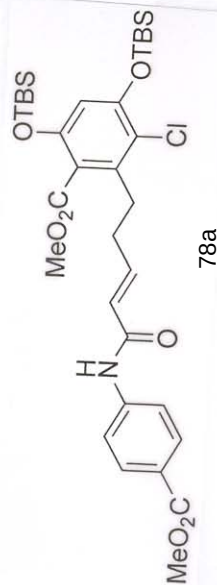
Current Data Parameters
 NAME TCT-4
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20070910
 Time 15.59
 INSTRUM spect
 PROBHD 5 mm CPDUL 13C
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 768
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 13004
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SFO1 125.7703643 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SFO2 500.1320005 MHz

F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



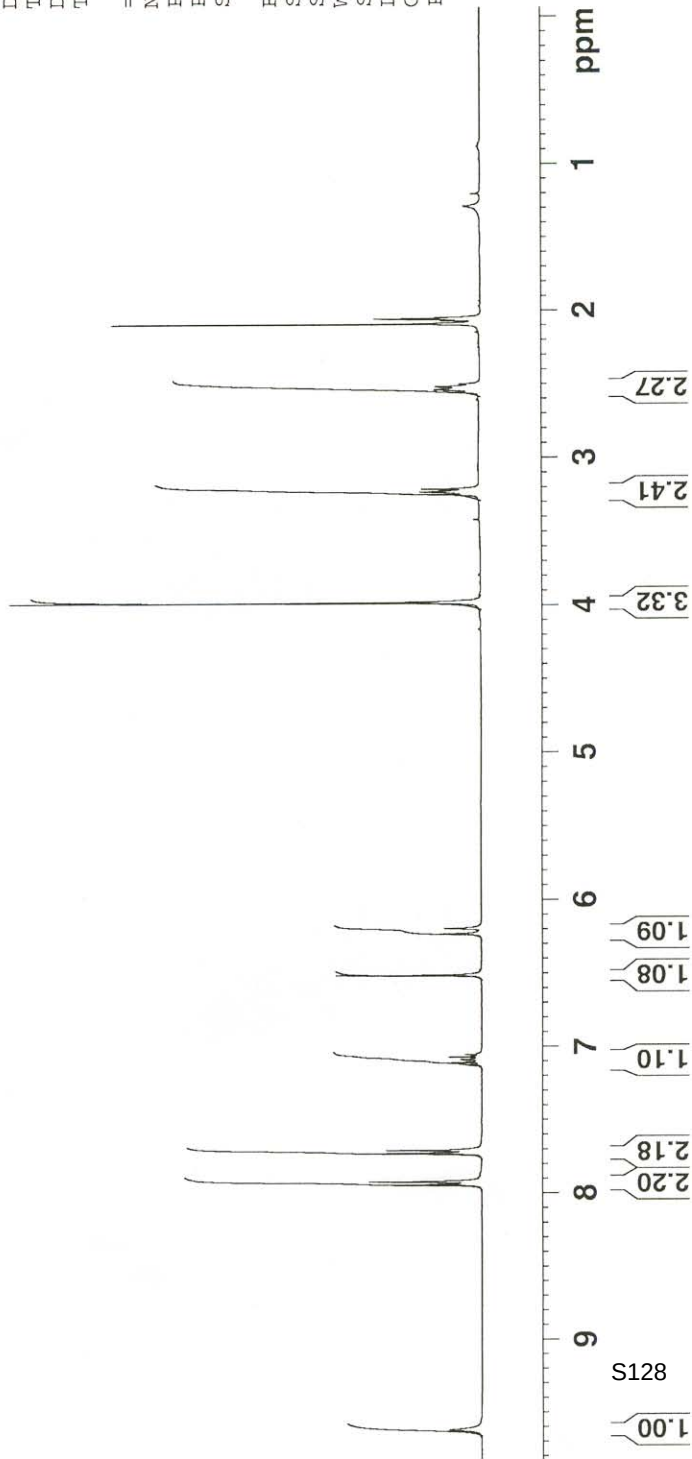
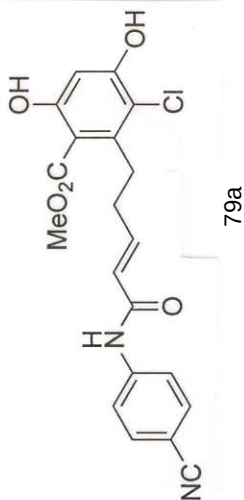


Current Data Parameters
NAME 9.11.07
EXPNO 6
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070911
Time 13.34
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 17
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 256
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





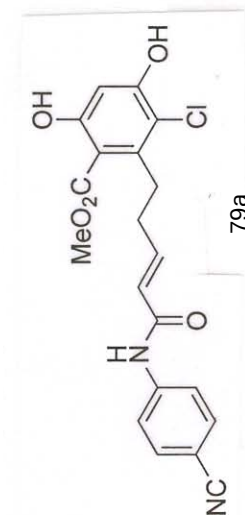
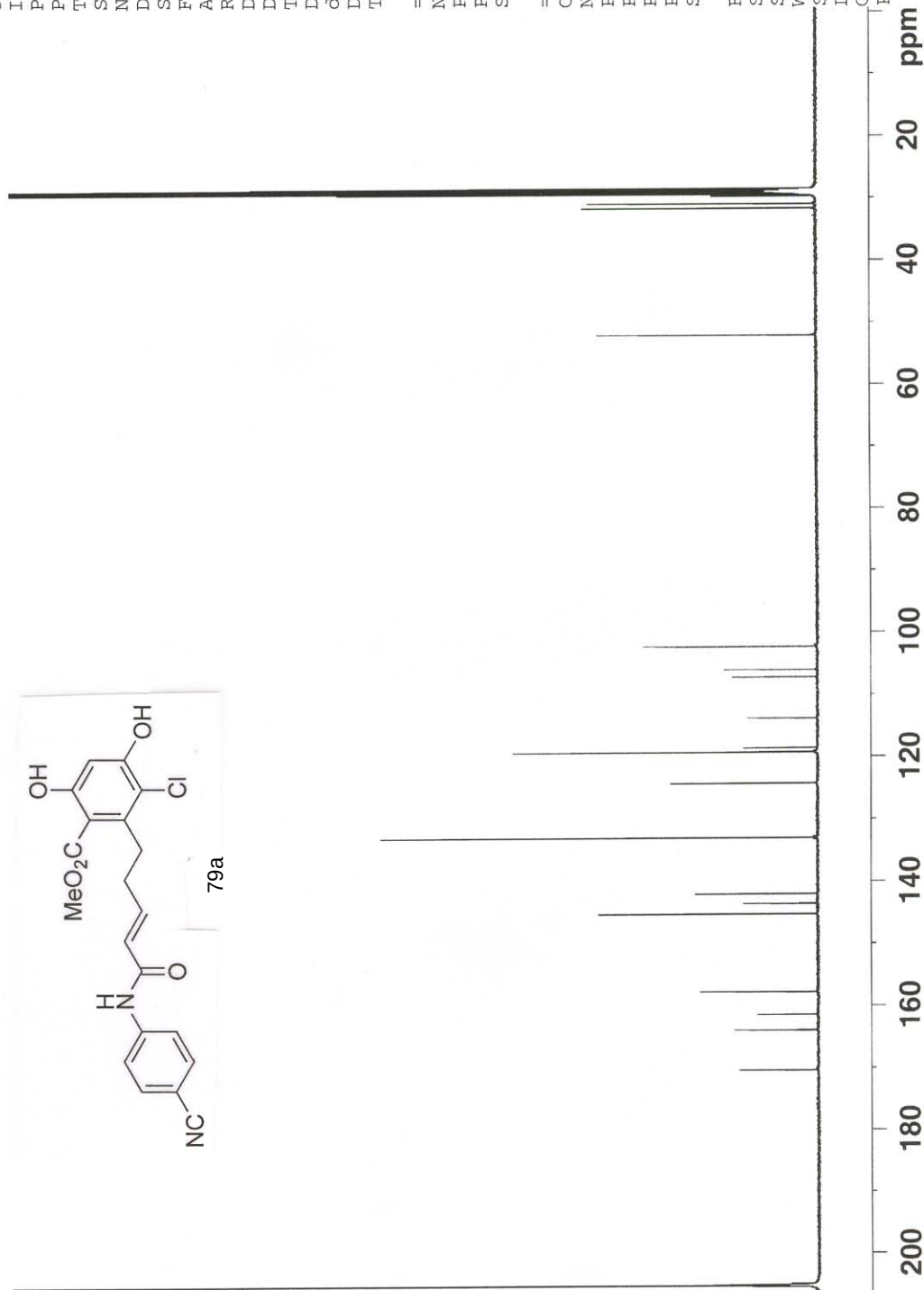
Current Data Parameters
NAME TRA-6
EXPNO 2
PROCNO 1

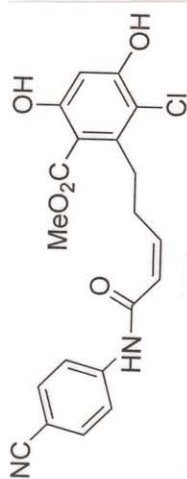
F2 - Acquisition Parameters
Date_ 20070911
Time 22.38
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 5792.6
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40





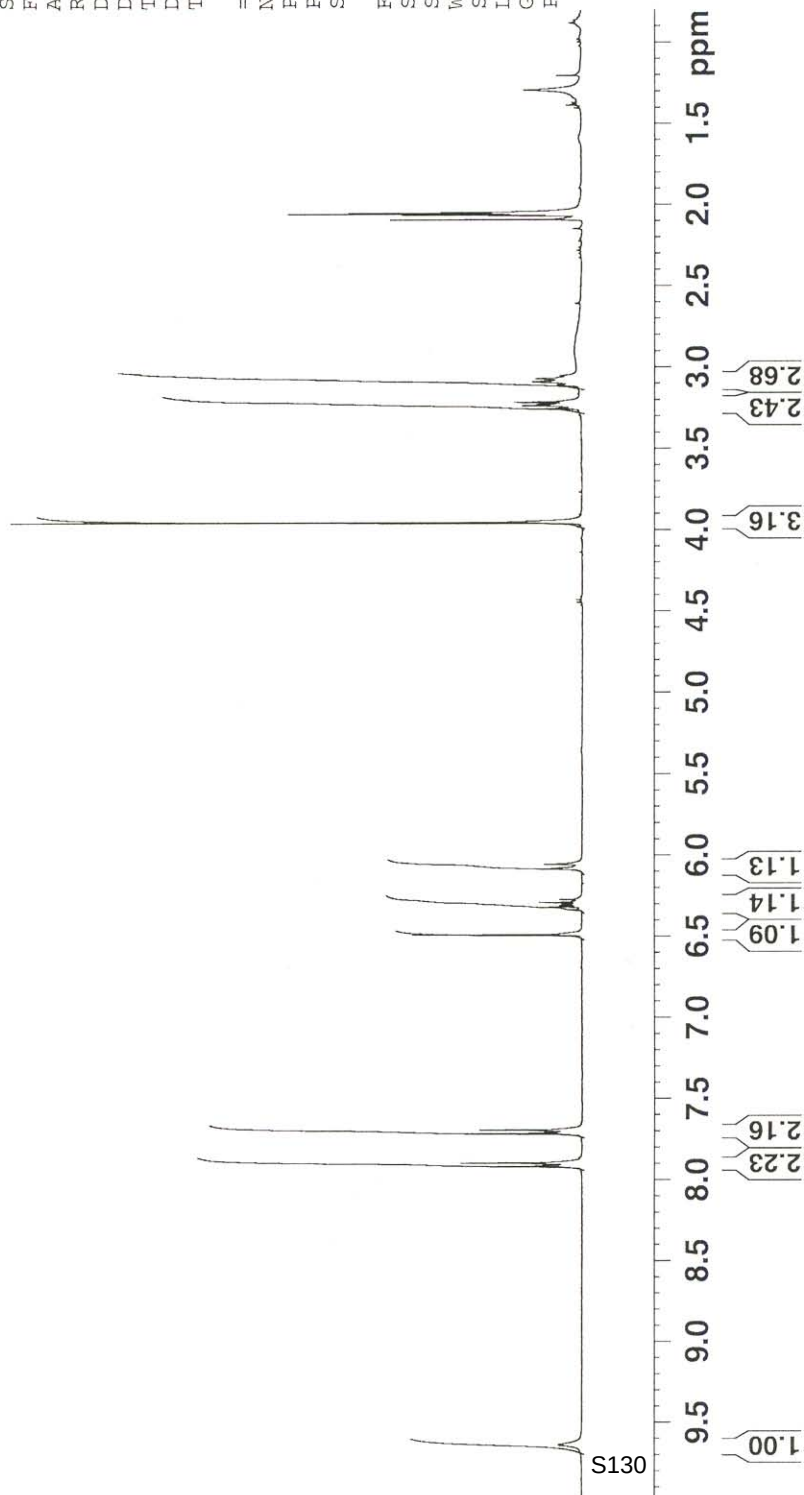
79b

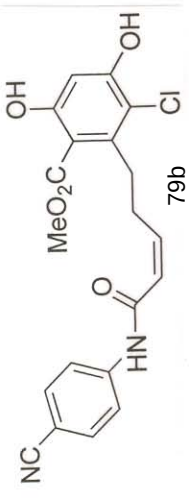
Current Data Parameters
NAME 9.14.07
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070914
Time 16.10
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 13
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 512
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





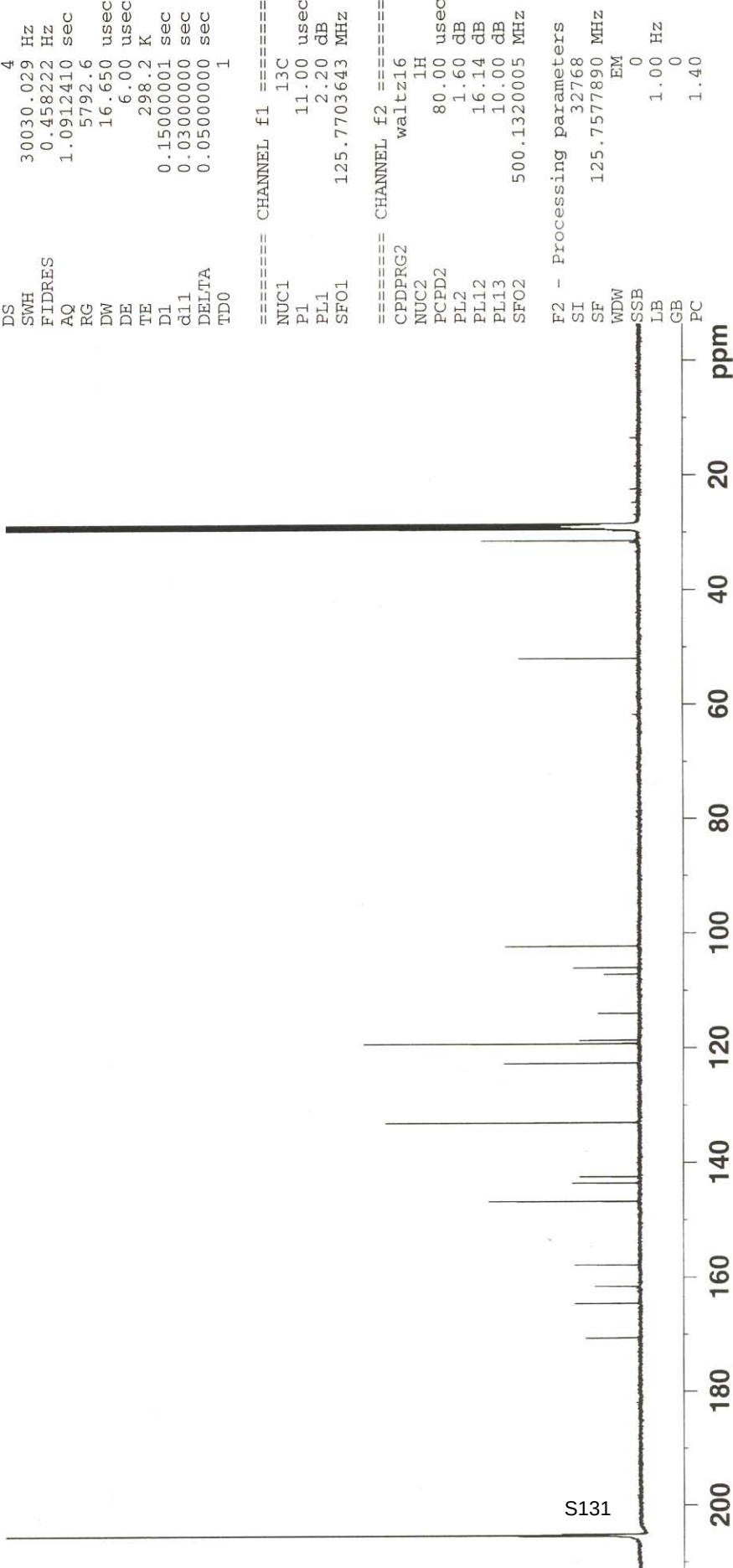
Current Data Parameters
NAME CRA-5
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070914
Time 17.39
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 5792.6
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



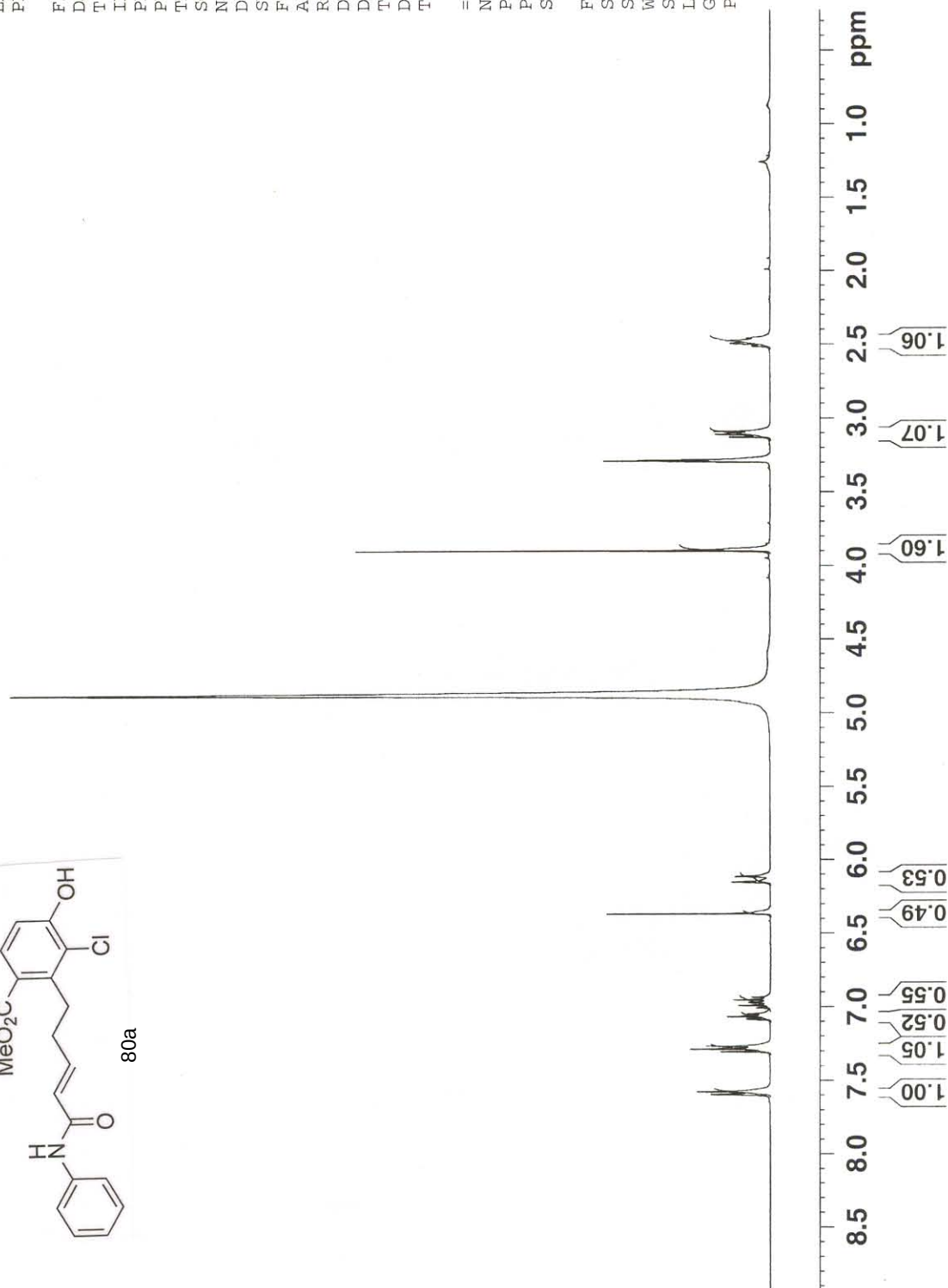
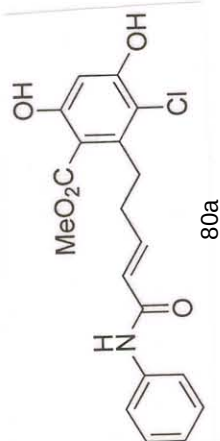


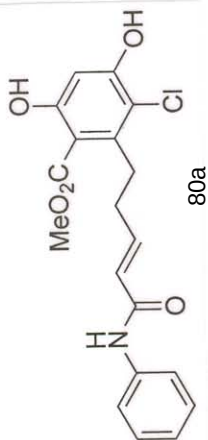
Current Data Parameters
 NAME 11.13.07
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20071113
 Time 11.37
 INSTRUM drx400
 PROBD 5 mm QNP 1H/13
 PULPROG zg30
 TD 65536
 SOLVENT MeOD
 NS 16
 DS 2
 SWH 8278.146 Hz
 FIDRES 0.126314 Hz
 AQ 3.9584243 sec
 RG 161.3
 DW 60.400 usec
 DE 6.00 usec
 TE 296.2 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 10.50 usec
 PL1 -5.00 dB
 SFO1 400.1324710 MHz

F2 - Processing parameters
 SI 32768
 SF 400.1295080 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





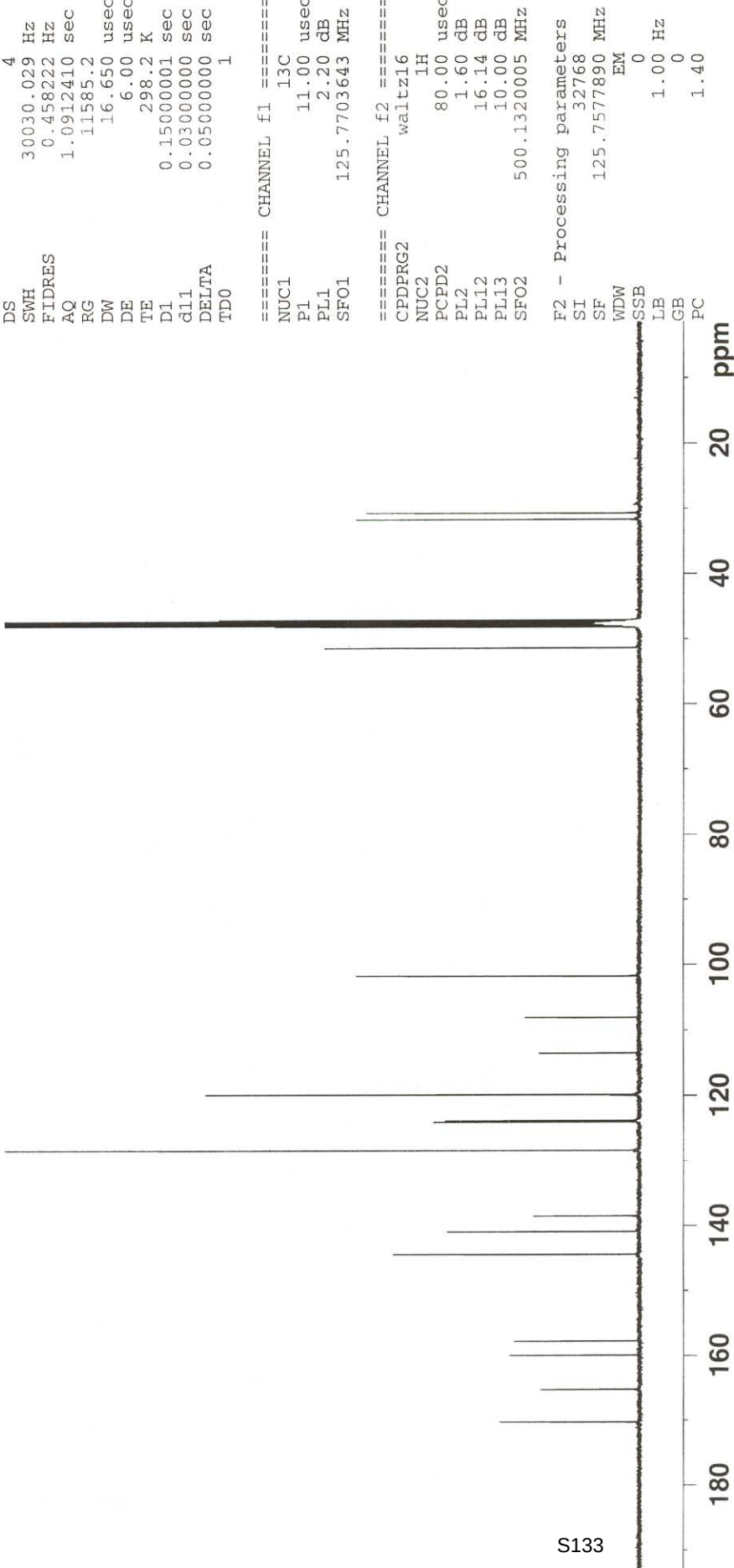
Current Data Parameters
NAME MKH-89#2
EXPNO 2
PROCNO 1

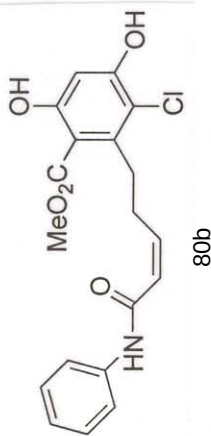
F2 - Acquisition Parameters
Date_ 20071113
Time 19.00
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 11585.2
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



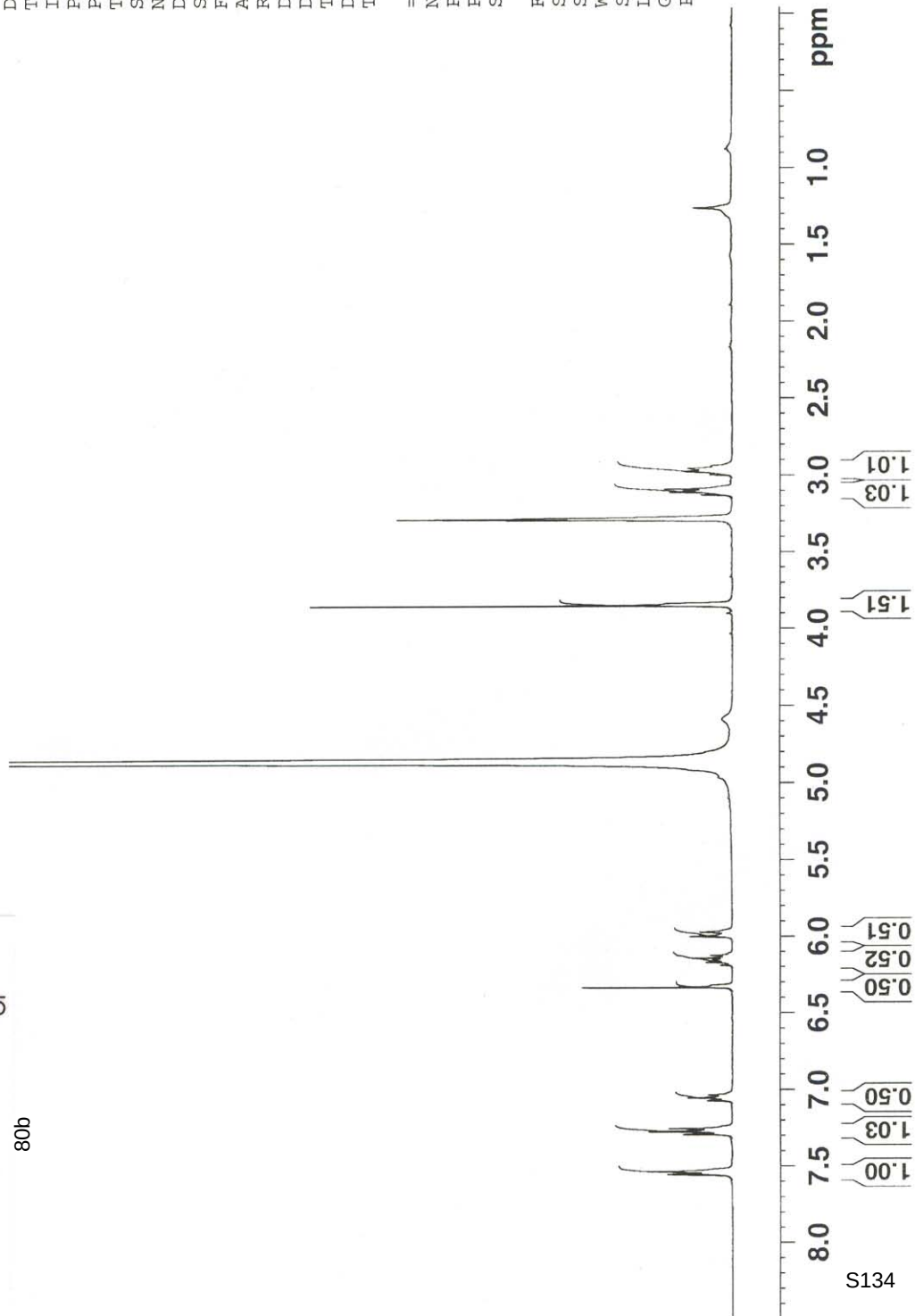


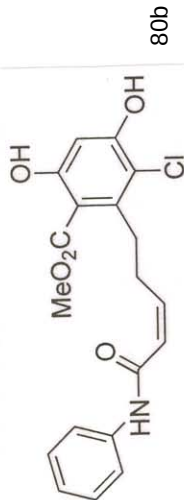
Current Data Parameters
NAME 11.13.07
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071113
Time 13.37
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 33
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 256
DW 60.400 usec
DE 6.00 usec
TE 296.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1295080 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





Current Data Parameters
NAME MKH-89#3
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071113
Time 19.16
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 11585.2
DW 16.650 use
DE 6.00 use
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 use
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 use
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

ppm

S135

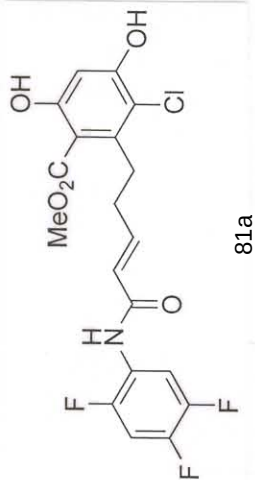


Current Data Parameters
NAME 9.12.07
EXPNO 1
PROCNO 1

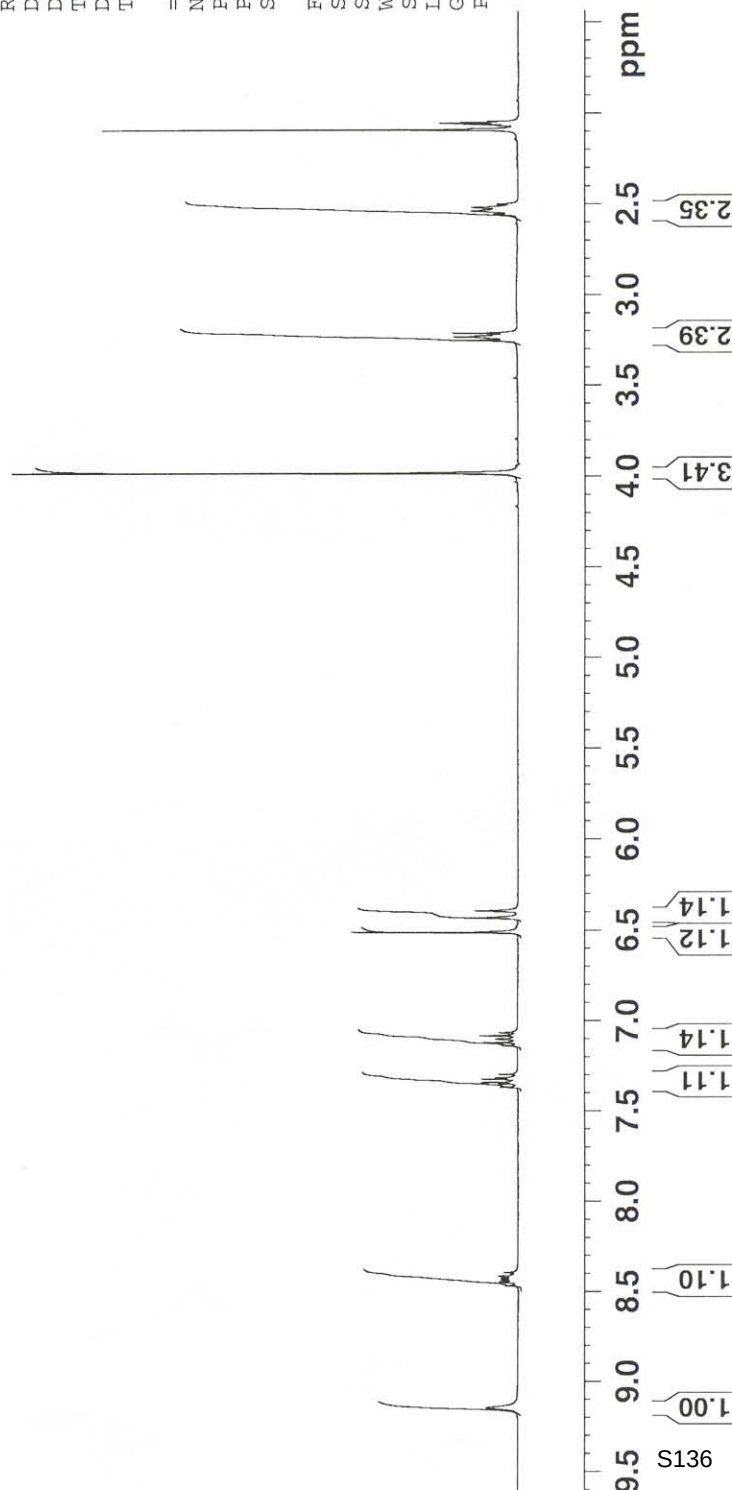
F2 - Acquisition Parameters
Date_ 20070912
Time 7.44
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 12
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 256
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SF01 400.1324710 MHz

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



81a





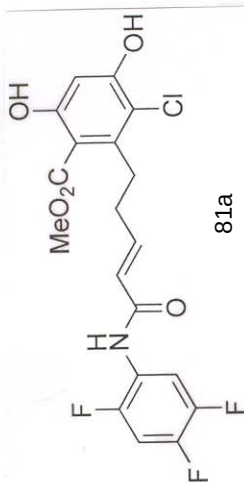
Current Data Parameters
NAME TRA-9
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070912
Time 11.43
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 5792.6
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

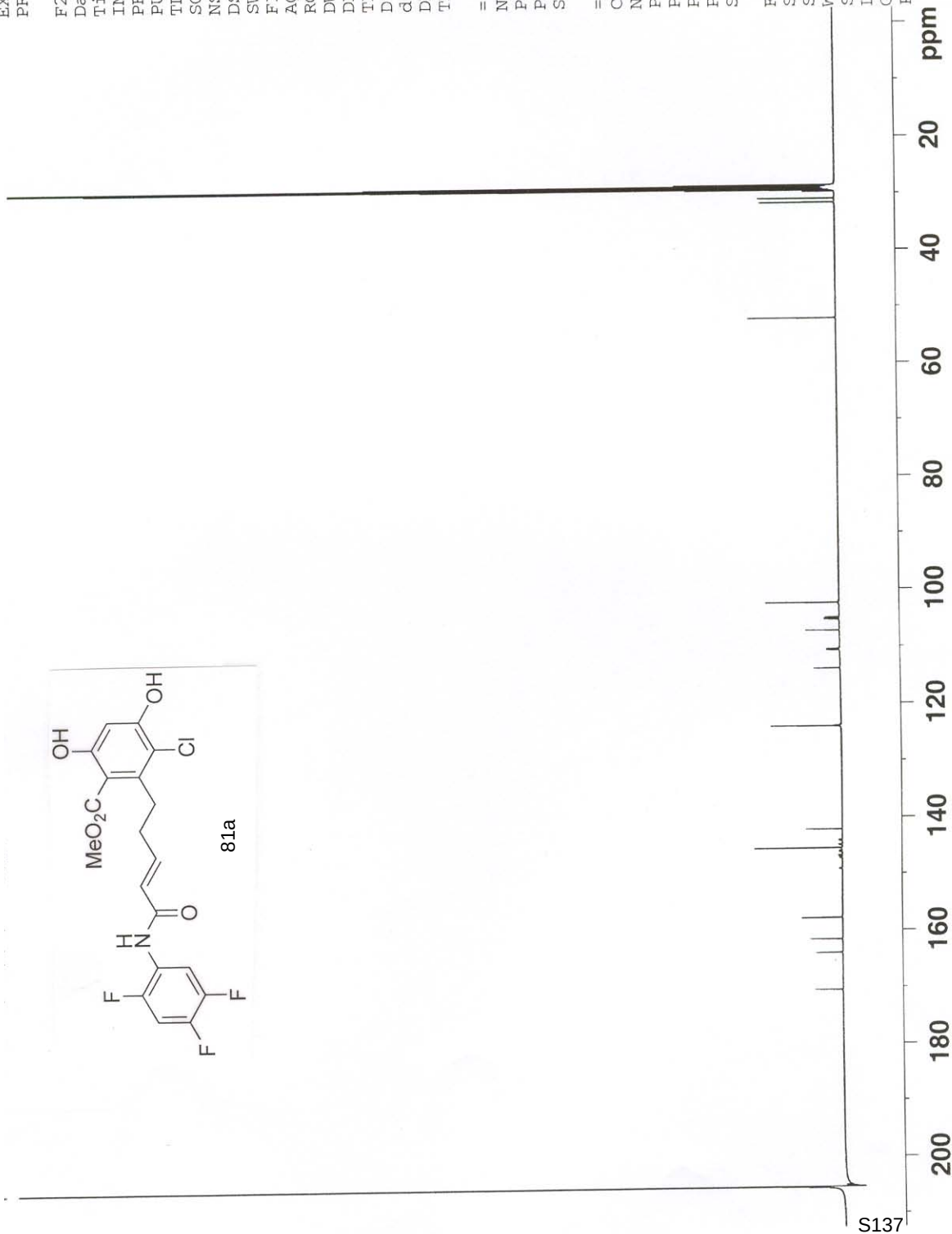
==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



81a



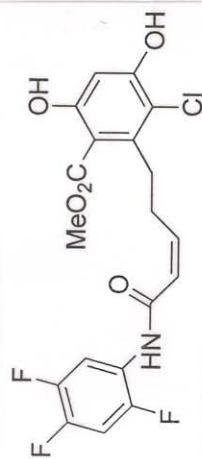


Current Data Parameters
 NAME 9.11.07
 EXPNO 2
 PROCNO 1

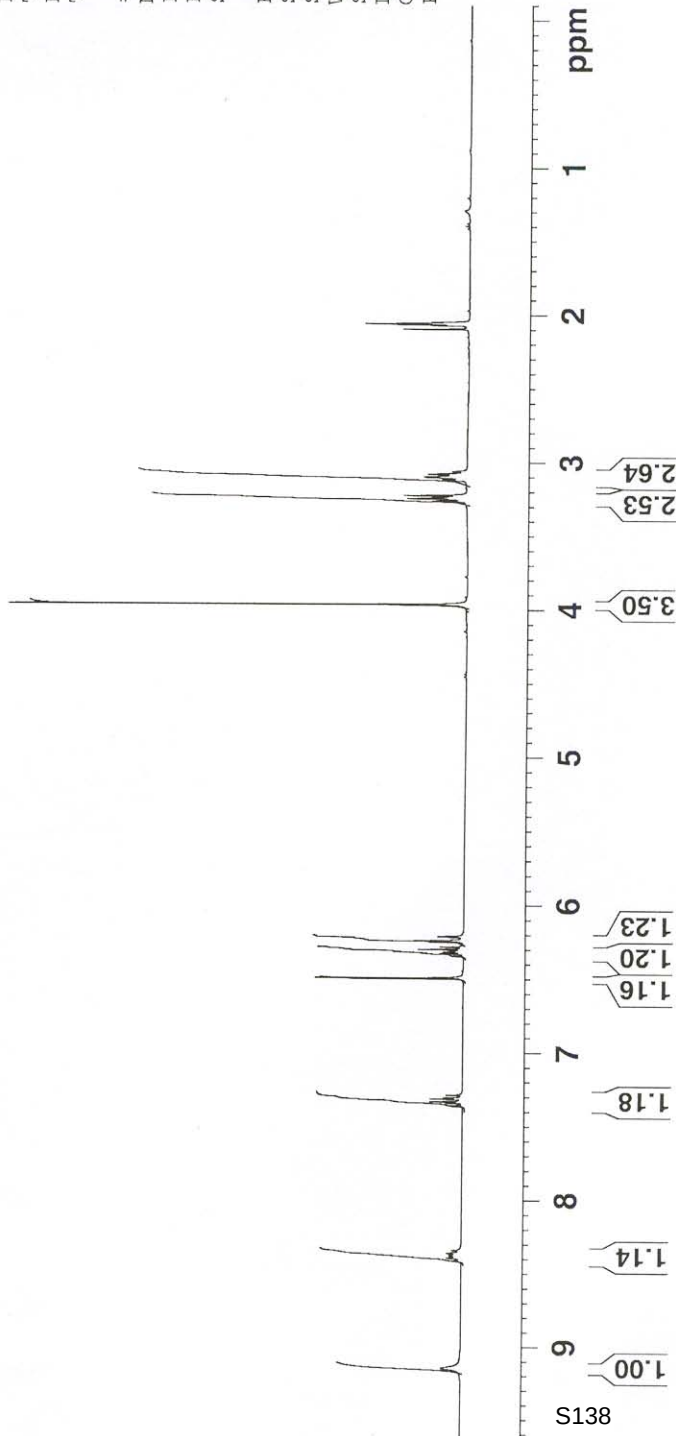
F2 - Acquisition Parameters
 Date_ 20070911
 Time 7.25
 INSTRUM drx400
 PROBD 5 mm QNP 1H/13
 PULPROG zg30
 TD 65536
 SOLVENT Acetone
 NS 16
 DS 2
 SWH 8278.146 Hz
 FIDRES 0.126314 Hz
 AQ 3.9584243 sec
 RG 456.1
 DW 60.400 usec
 DE 6.00 usec
 TE 295.2 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 10.50 usec
 PL1 -5.00 dB
 SFO1 400.1324710 MHz

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



81b





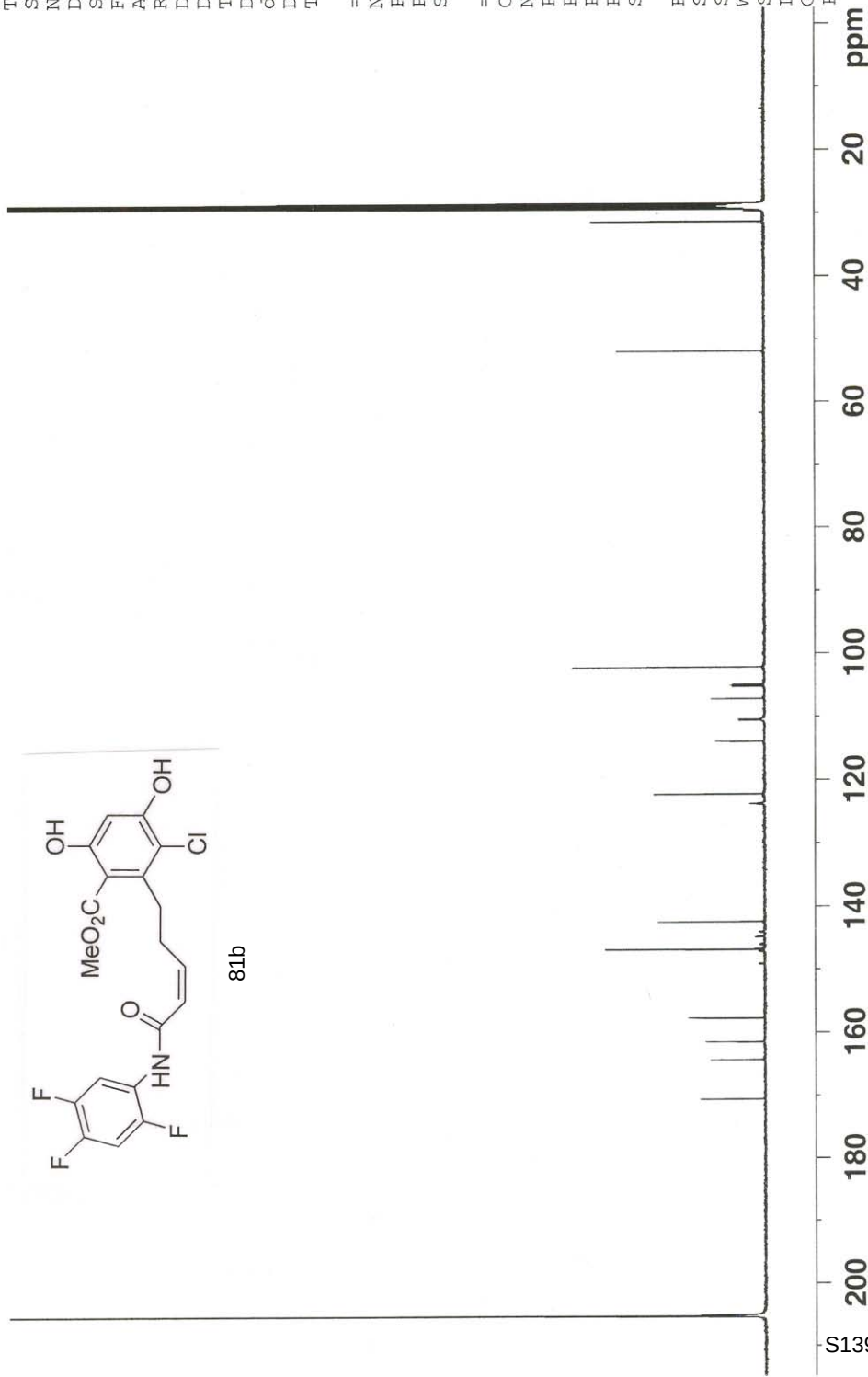
Current Data Parameters
NAME CRA-9
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070911
Time 12.52
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 5792.6
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



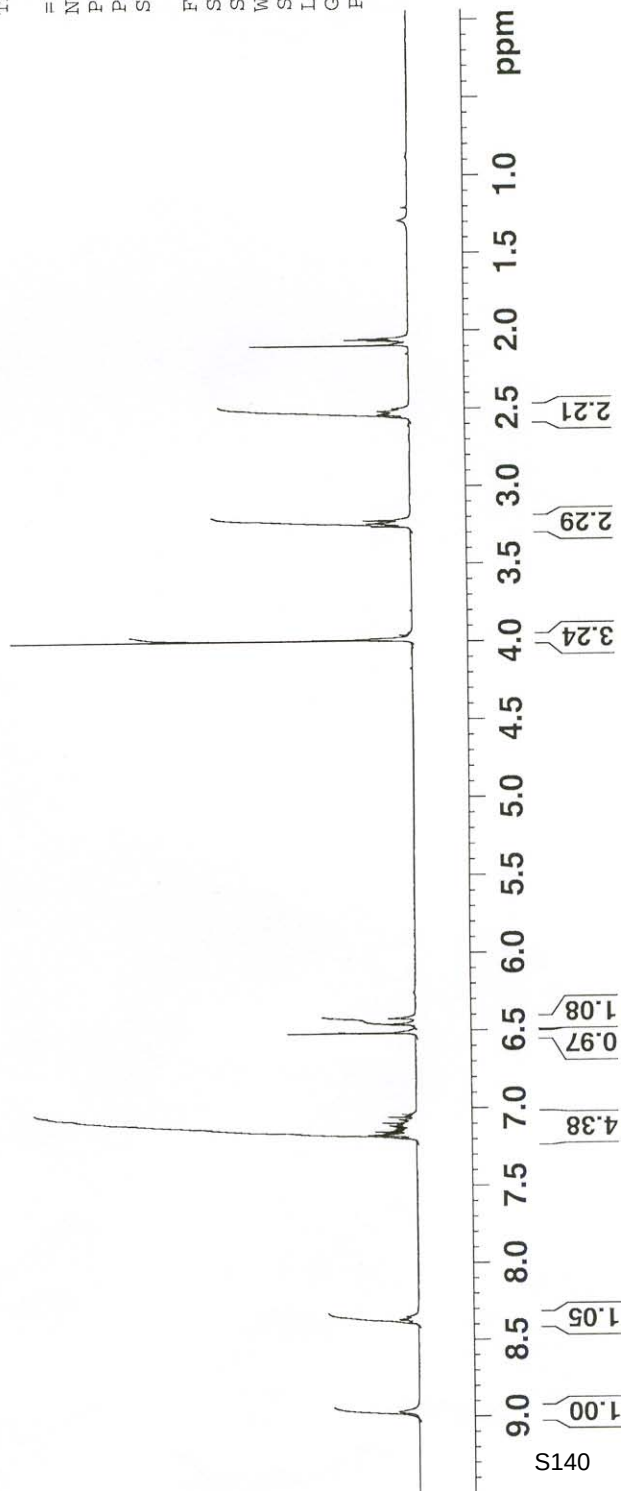
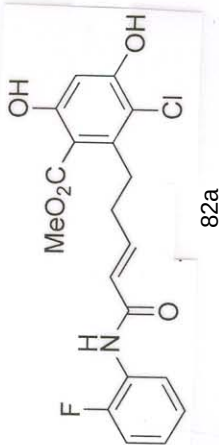


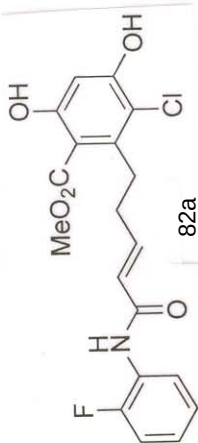
Current Data Parameters
 NAME 9.11.07
 EXPNO 5
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20070911
 Time 13.28
 INSTRUM drx400
 PROBD 5 mm QNP 1H/13
 PULPROG zg30
 TD 65536
 SOLVENT Acetone
 NS 12
 DS 2
 SWH 8278.146 Hz
 FIDRES 0.126314 Hz
 AQ 3.9584243 sec
 RG 256
 DW 60.400 usec
 DE 6.00 usec
 TE 295.2 K
 D1 1.00000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 10.50 usec
 PL1 -5.00 dB
 SFO1 400.1324710 MHz

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



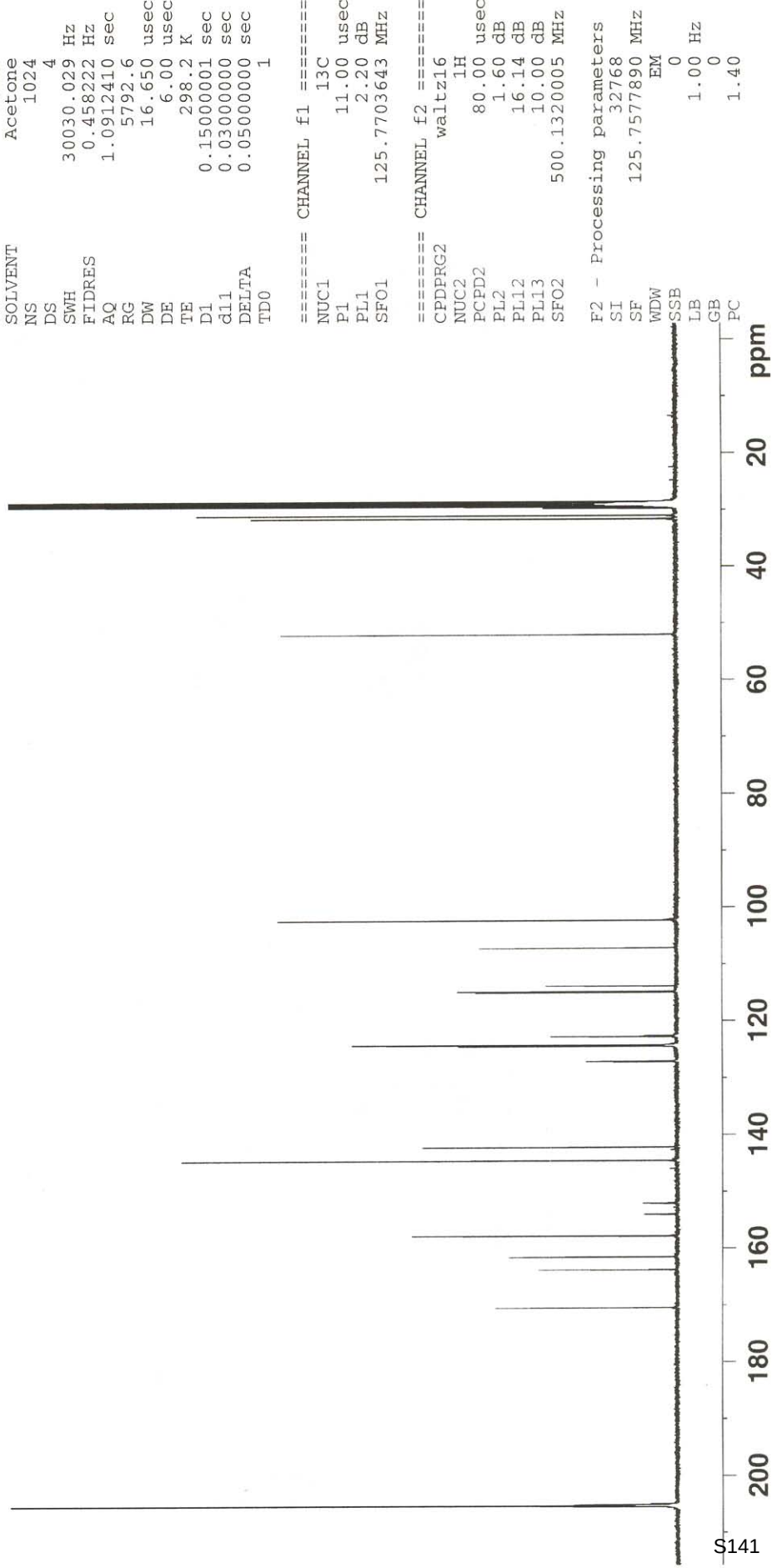


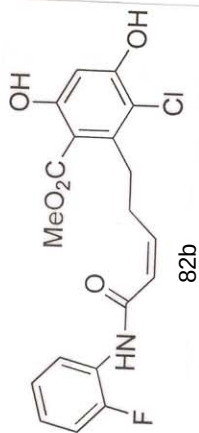
F2 - Acquisition Parameters	
Date_	20070911
Time	22.11
INSTRUM	spect
PROBHD	5 mm CPDUL 13C
PULPROG	zgpg30
TD	6536
SOLVENT	Acetone
NS	1024
DS	4
SWH	30030.029 Hz
FIDRES	0.458222 Hz
AQ	1.0912410 sec
RG	5792.6
DW	16.650 usec
DE	6.00 usec
TE	298.2 K
D1	0.15000001 sec
d11	0.03000000 sec
DELTA	0.05000000 sec
TD0	1

```
===== CHANNEL f1 =====
NUC1      13C
P1        11.00 useC
PL1       2.20 dB
SF01      125.7703643 MHz

===== CHANNEL f2 =====
CPDPFG2   waltz16
NUC2      1H
PCPD2     80.00 useC
PL2       1.60 dB
PL12      16.14 dB
PL13      10.00 dB
SF02      500.1320005 MHz
```

F2 - Processing parameters	
SI	32768
SF	125.7577890 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40



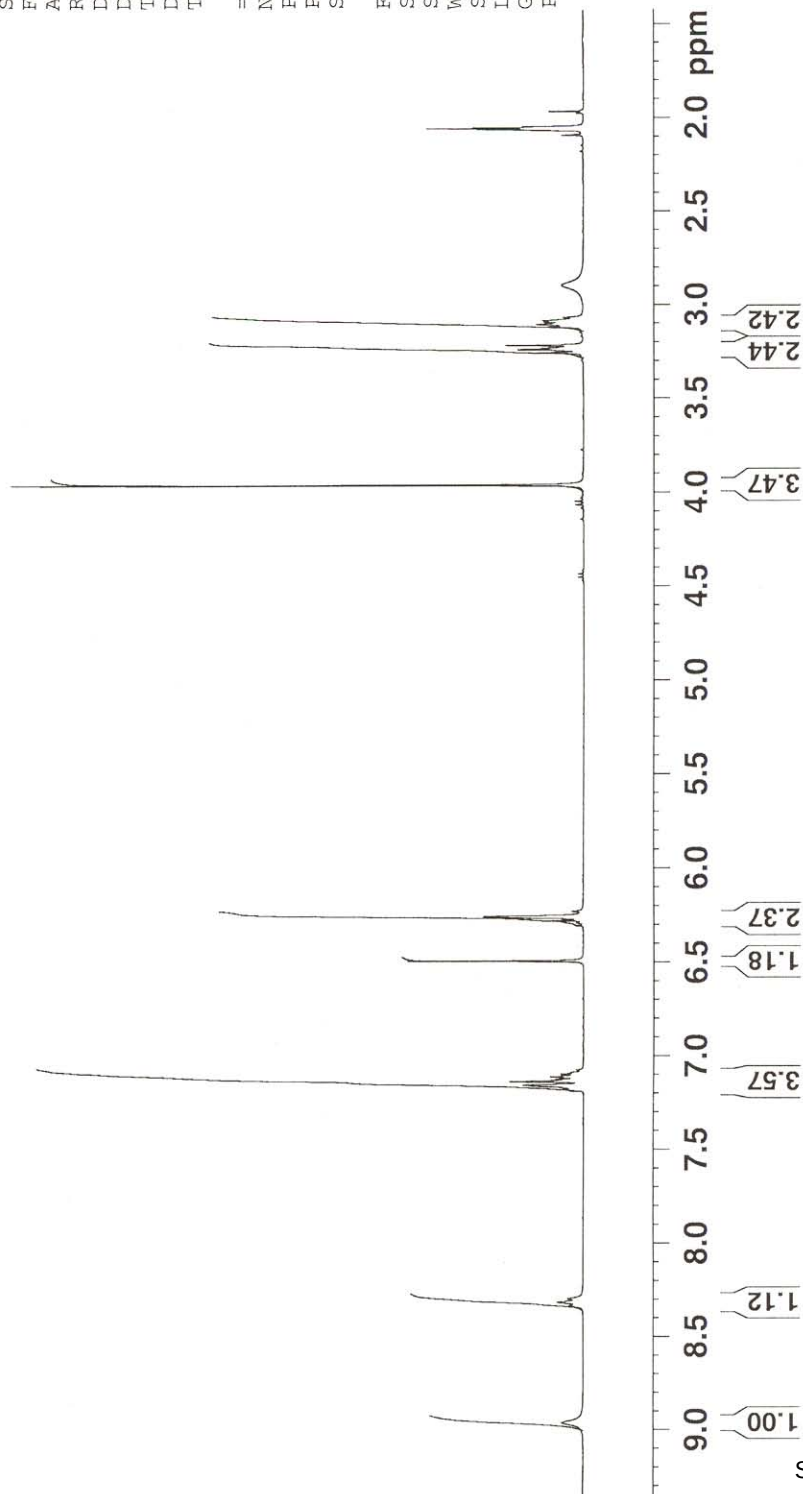


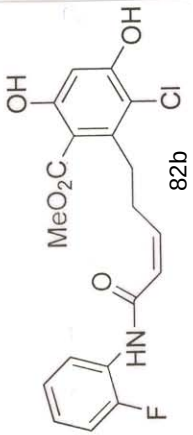
Current Data Parameters
NAME 9.13.07
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070913
Time 8.13
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 32
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 406.4
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





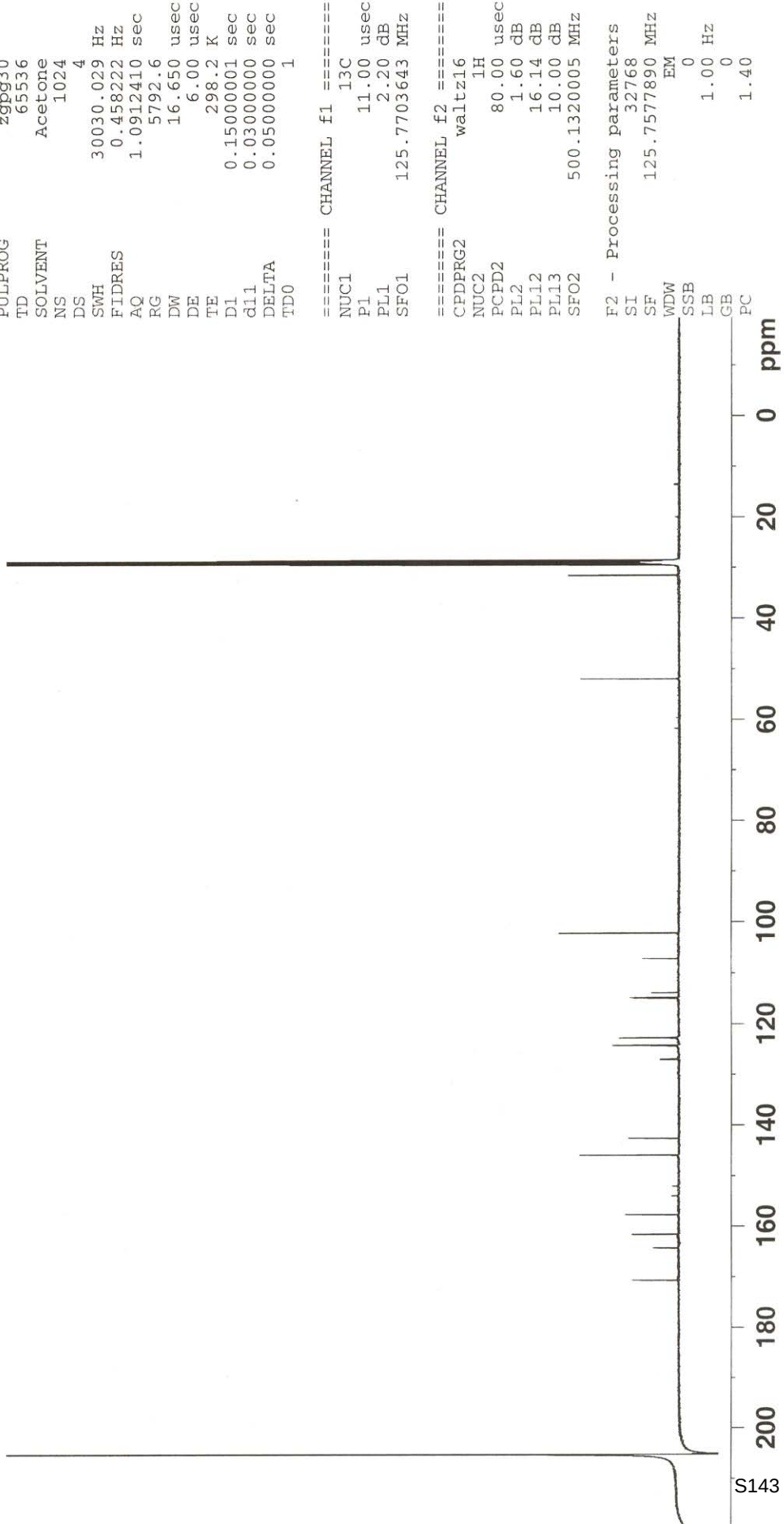
Current Data Parameters
NAME CRA-3
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070913
Time 11.20
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 5792.6
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



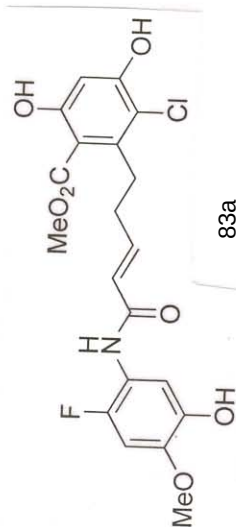


Current Data Parameters
NAME 11.17.07
EXPNO 1
PROCNO 1

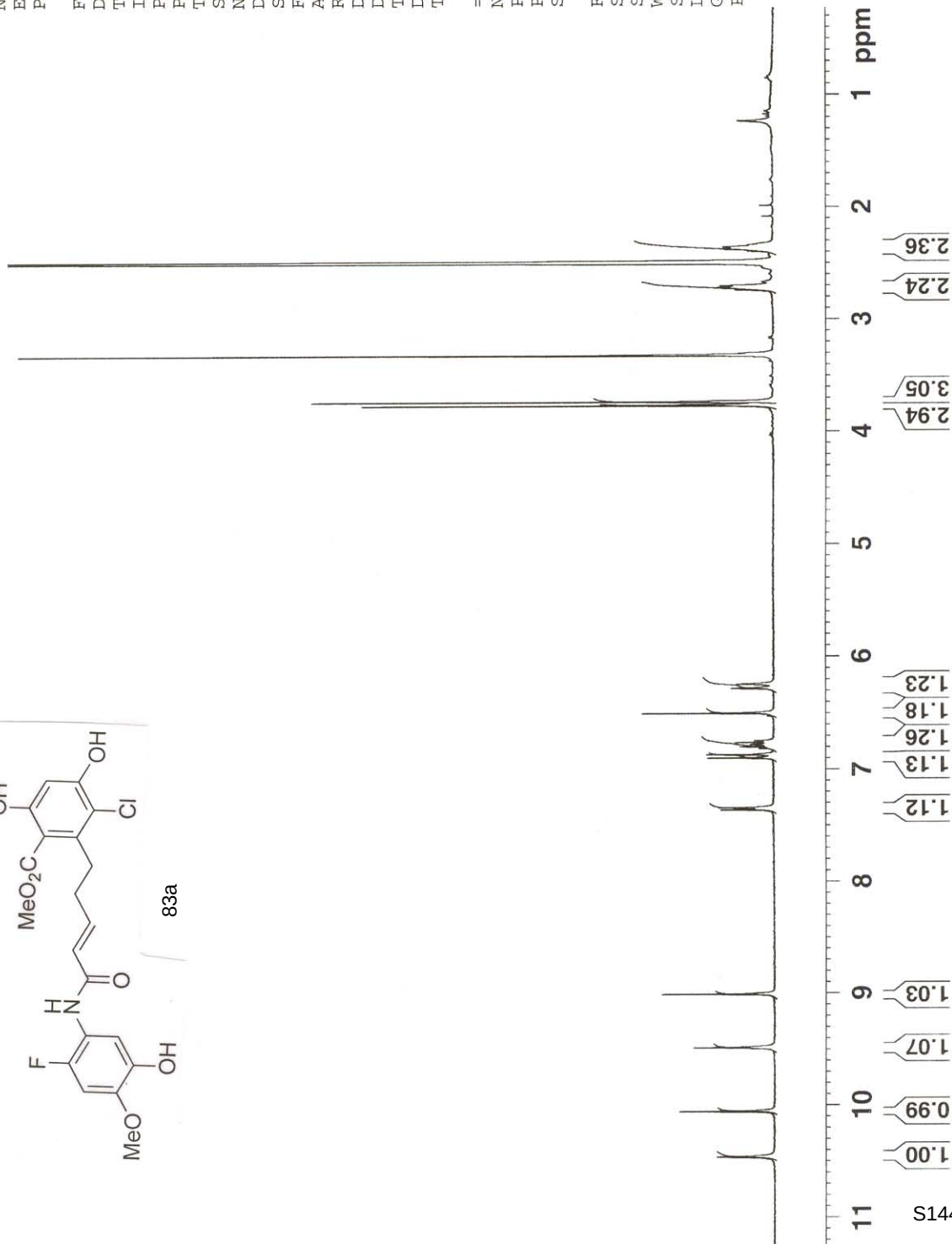
F2 - Acquisition Parameters
Date_ 20071117
Time 7.08
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 120
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 724.1
DW 60.400 usec
DE 6.00 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300035 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



83a





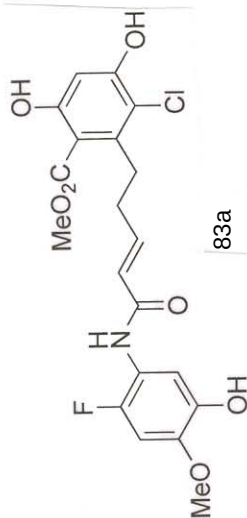
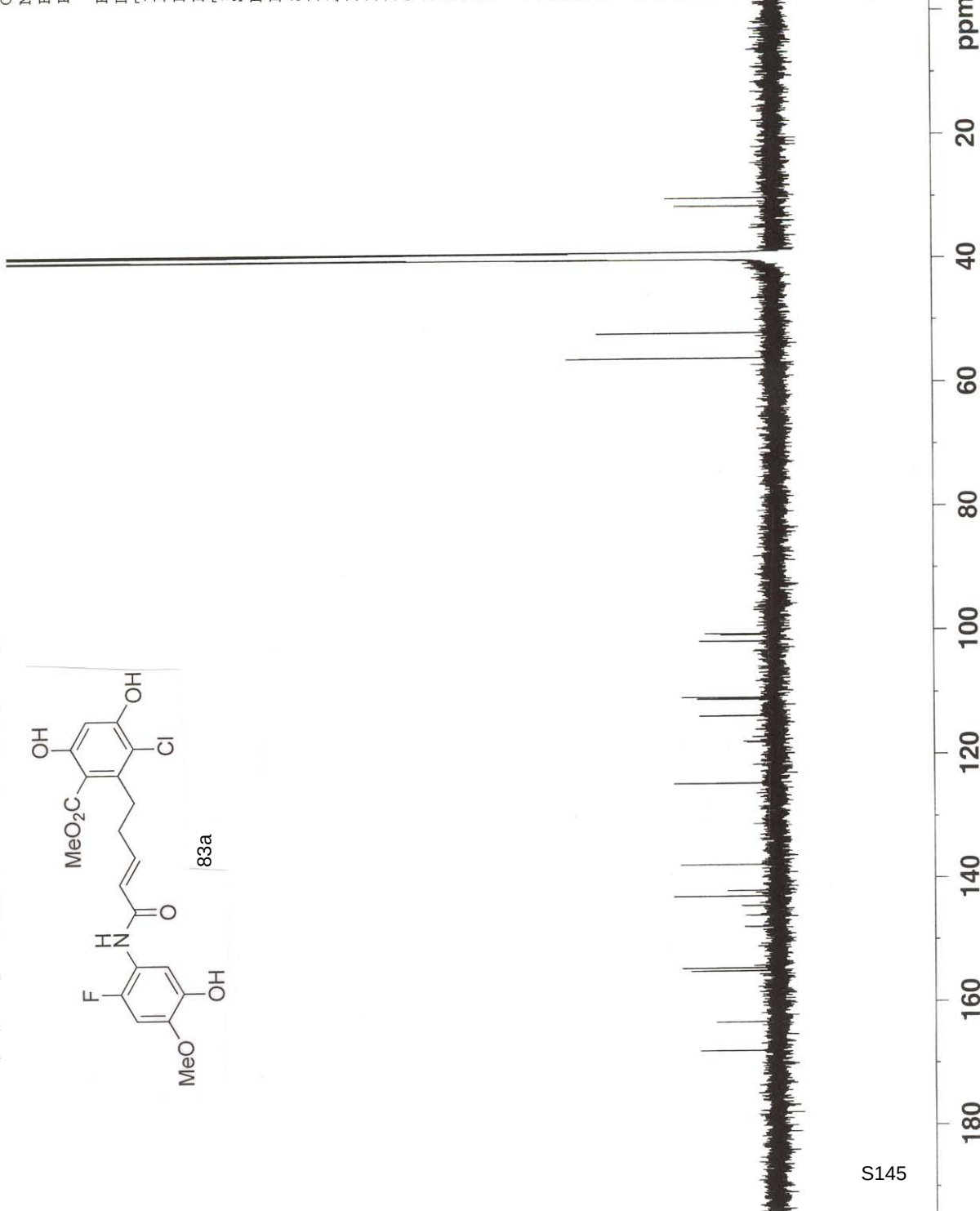
Current Data Parameters
NAME TRA-2
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071119
Time 13.37
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 8192
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7578519 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



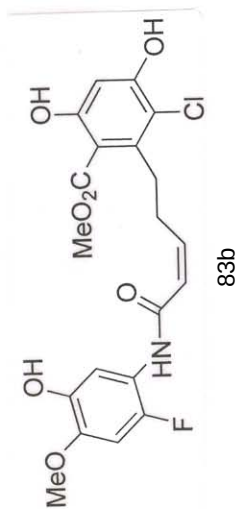


Current Data Parameters
NAME 9.18.07
EXPNO 2
PROCNO 1

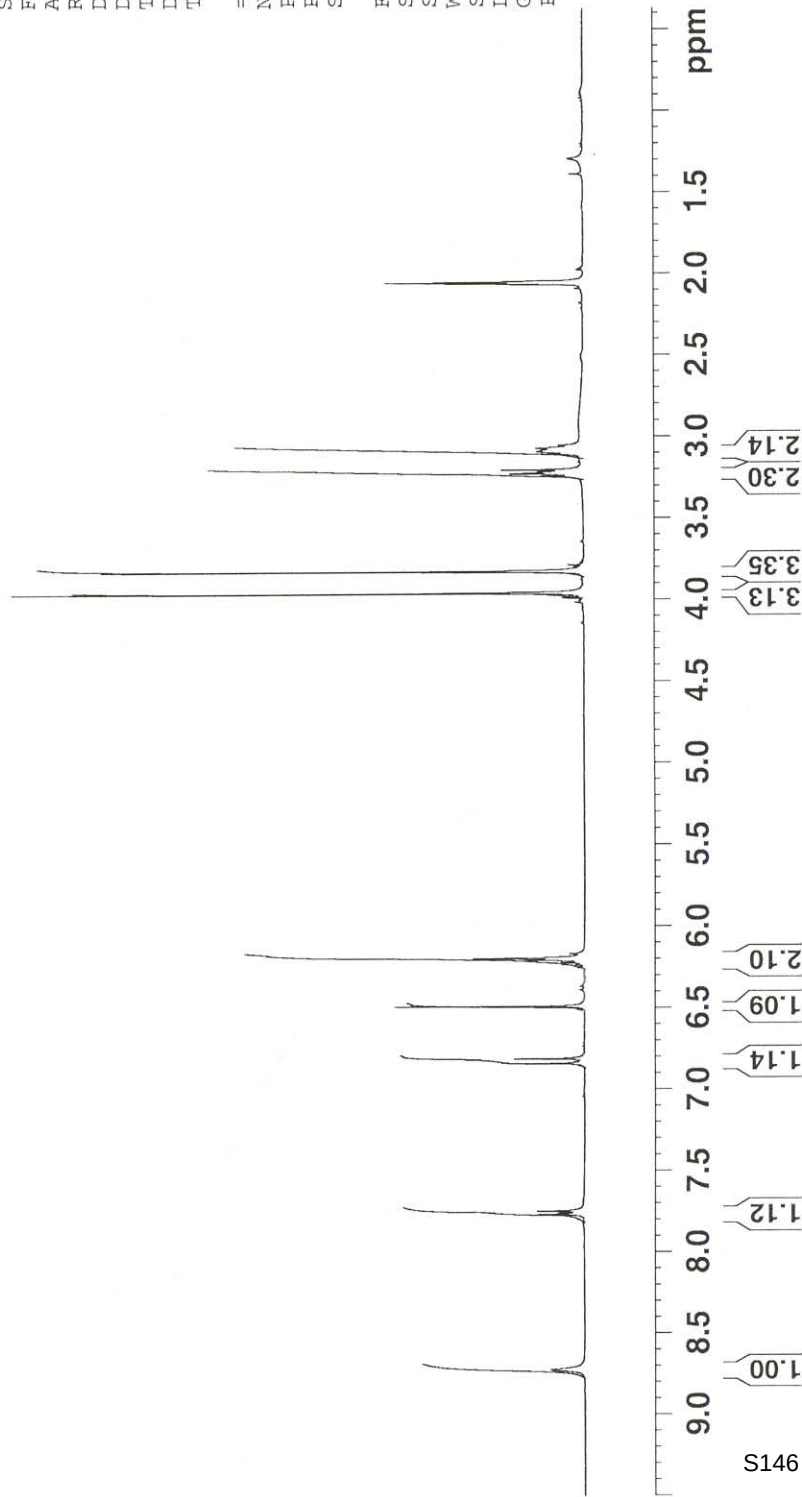
F2 - Acquisition Parameters
Date_ 20070918
Time 15.15
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 13
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 322.5
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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



83b





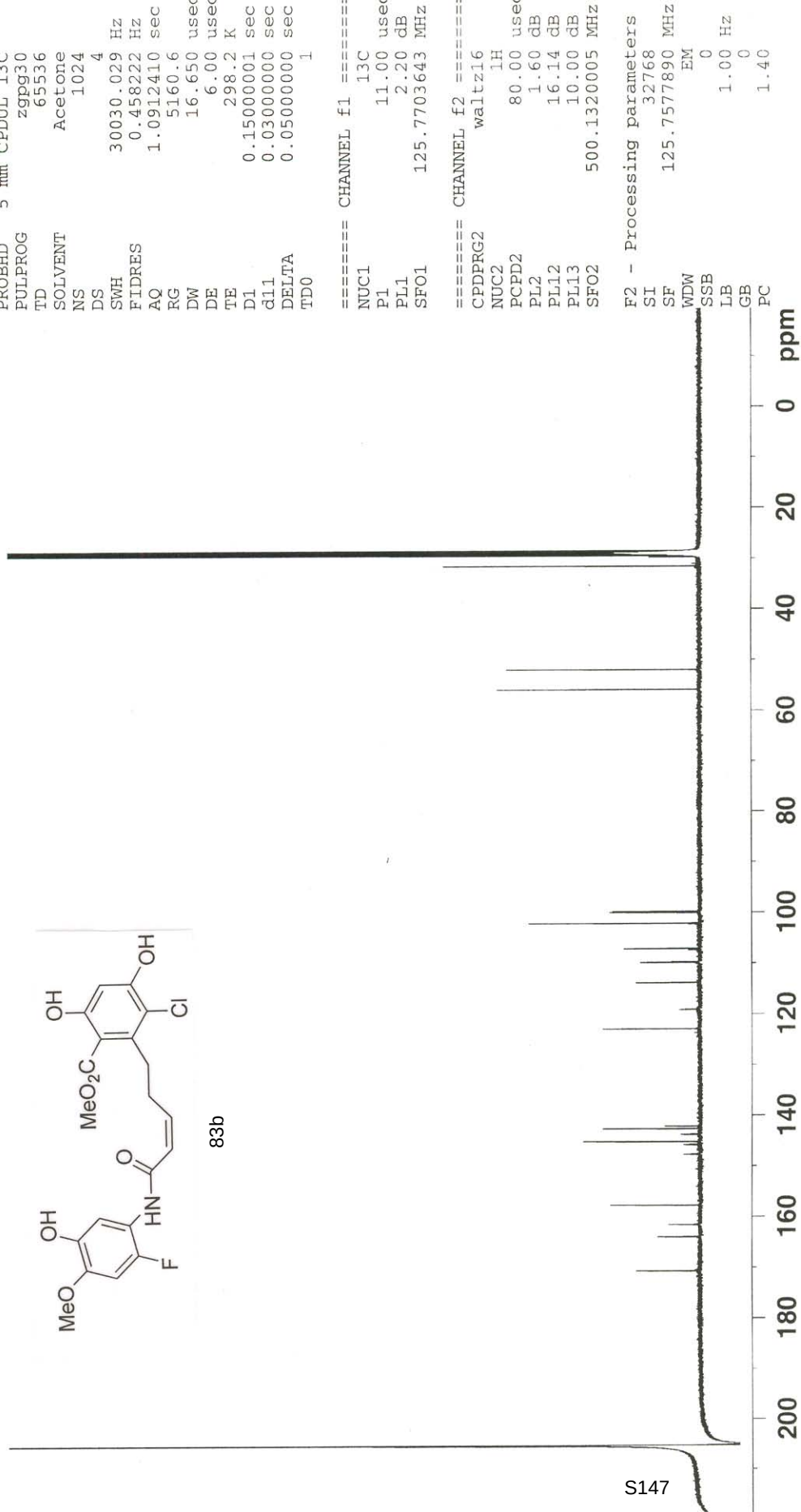
Current Data Parameters
NAME CRA-2
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070919
Time 2.21
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 1024
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 5160.6
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



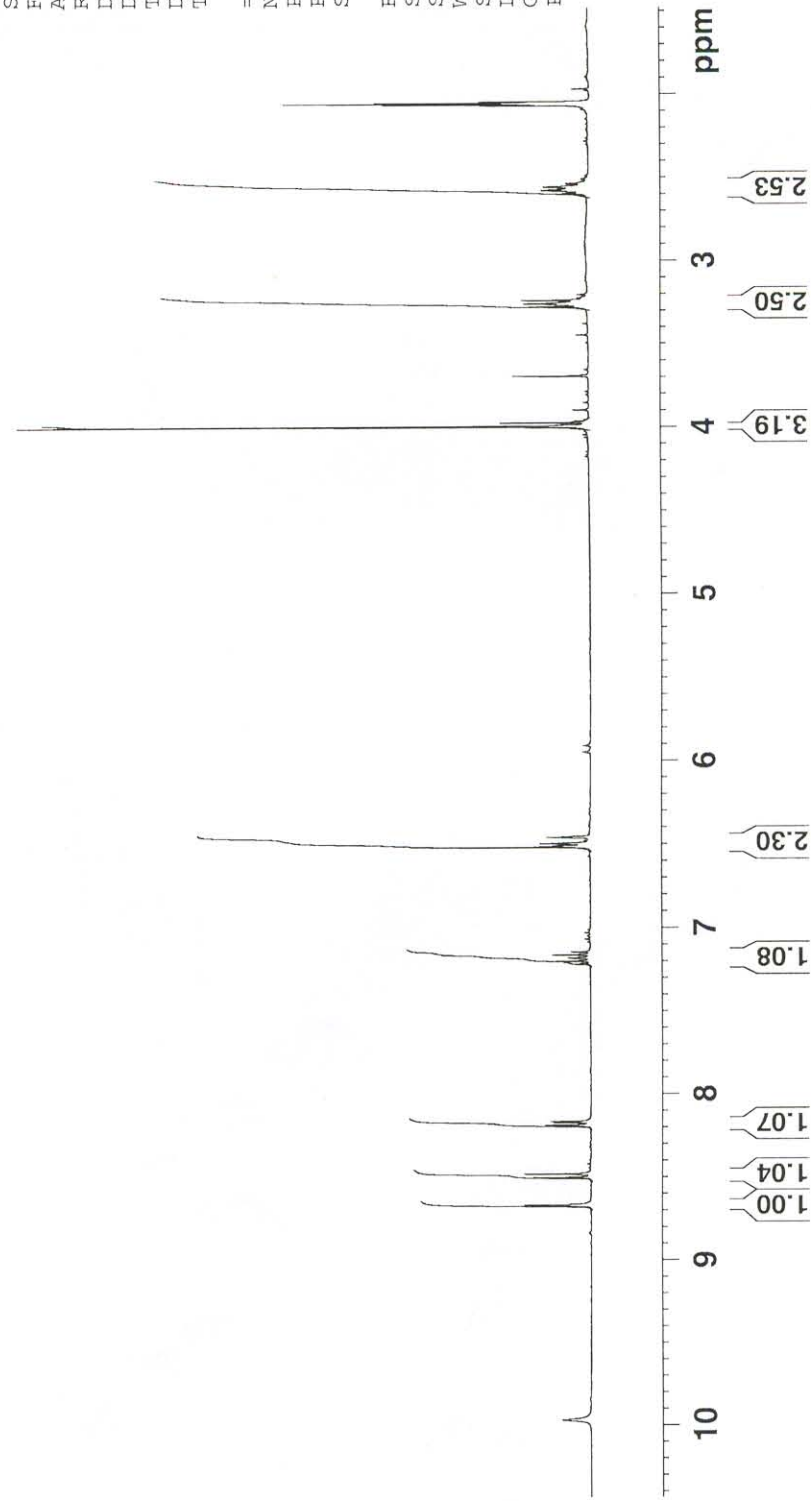
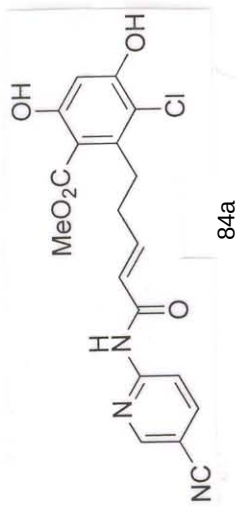


Current Data Parameters
NAME 9.15.07
EXPNO 4
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070915
Time 7.49
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 39
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 362
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





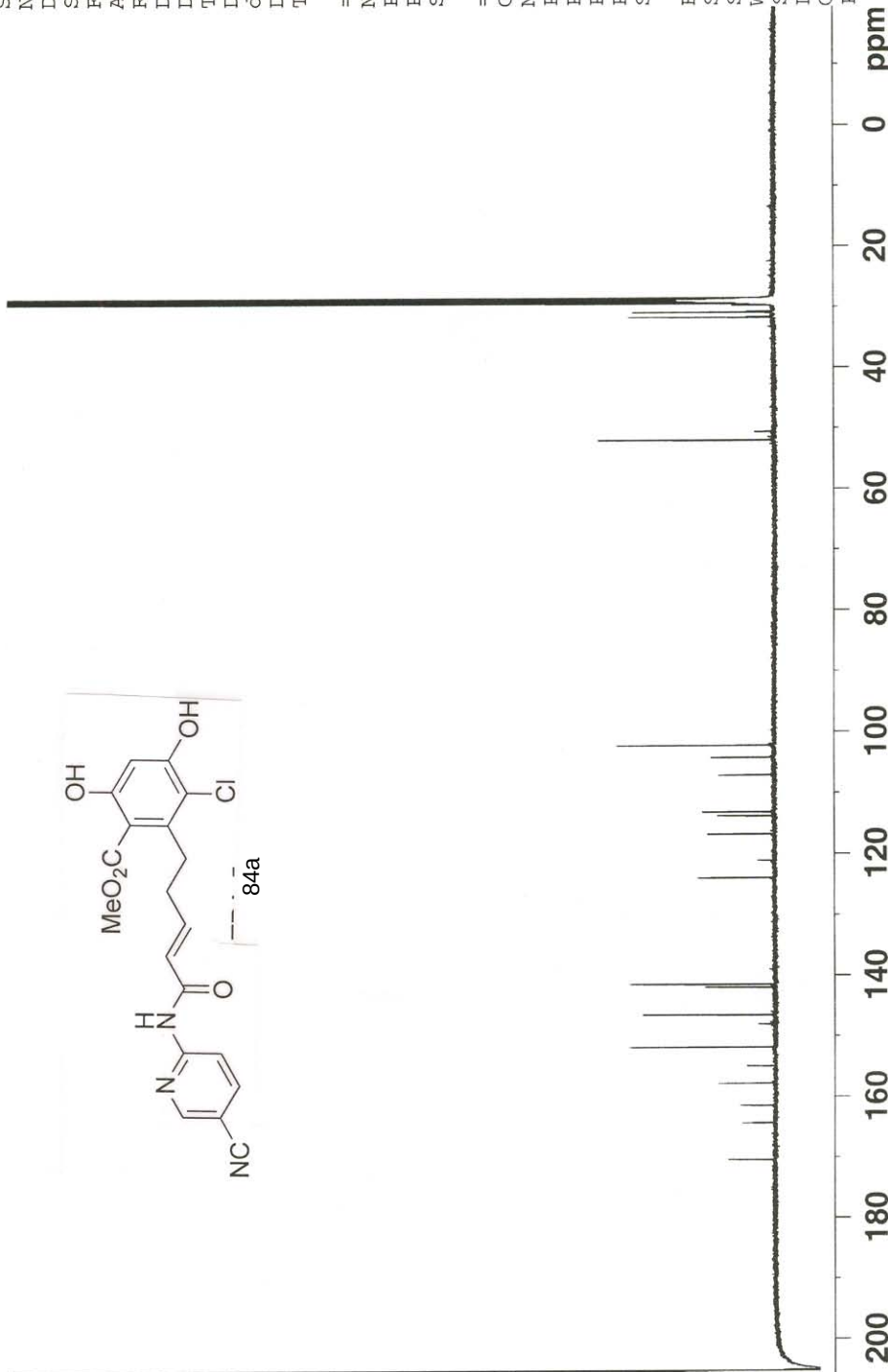
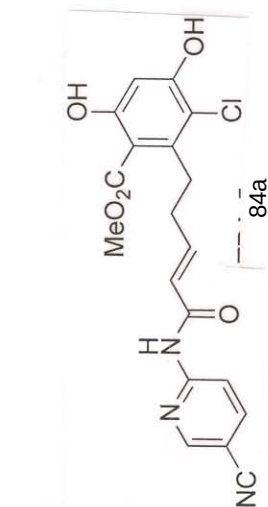
Current Data Parameters
 NAME TRA-5
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20070917
 Time 13.15
 INSTRUM spect
 PROBHD 5 mm CPDUL 13C
 PULPROG zgpg30
 TD 65536
 SOLVENT Acetone
 NS 1024
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 5160.6
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SFO1 125.7703643 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SFO2 500.1320005 MHz

F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



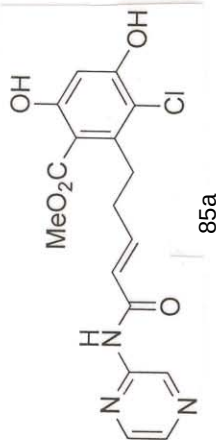


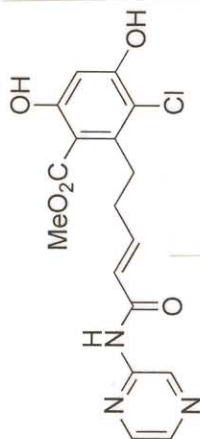
Current Data Parameters
NAME 9.15.07
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070915
Time 7.59
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 37
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 724.1
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





85a

Current Data Parameters
NAME TRA-7
EXPNO 2
PROCNO 1

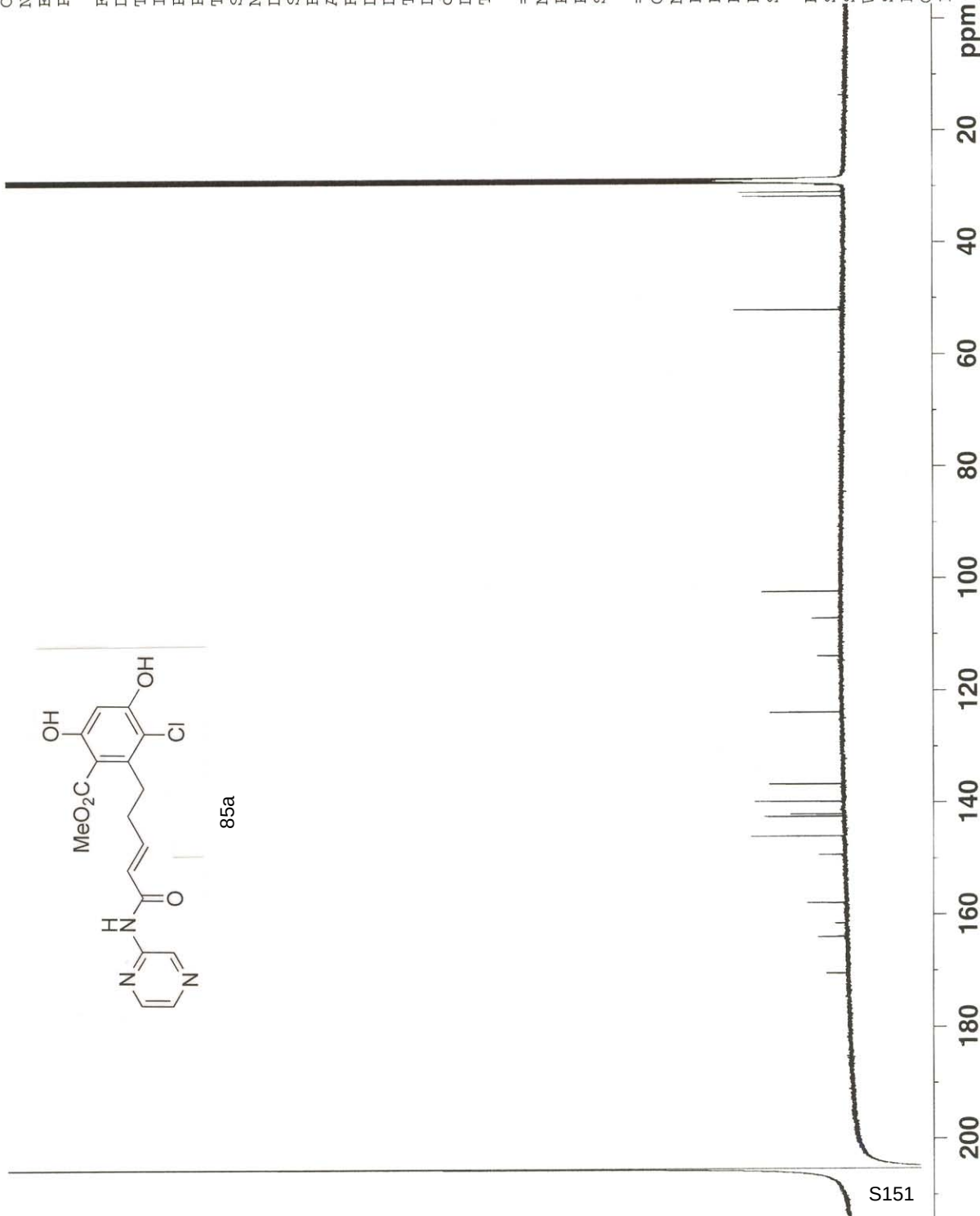
F2 - Acquisition Parameters
Date_ 20070917
Time 14.05
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 2048
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 5792.6
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz

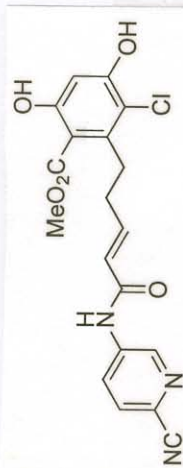
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



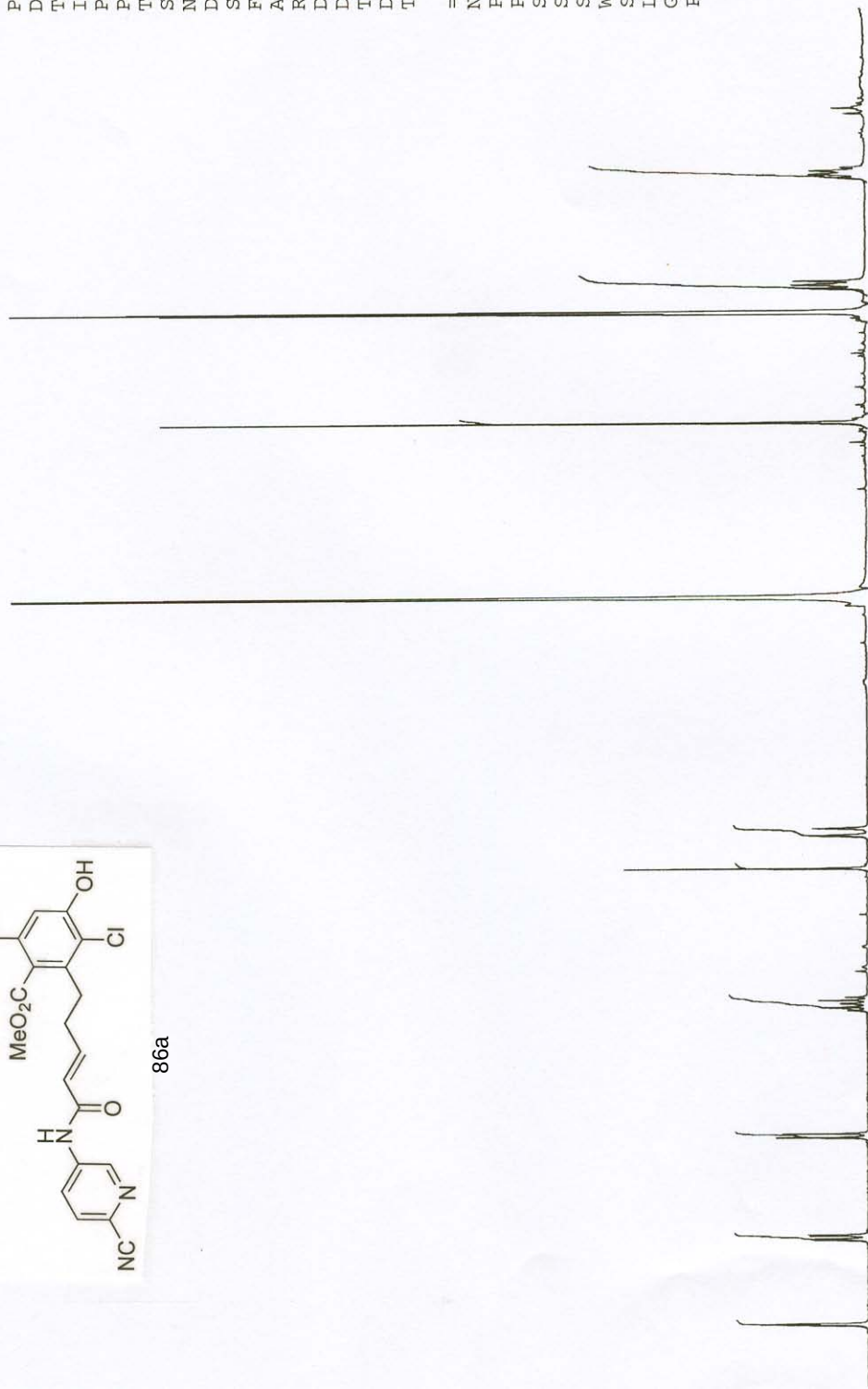


NAME 1.28.08
EXPNO 2
PROCNO 1
Date_ 20080128
Time 8.14
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 16
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 512
DW 60.400 usec
DE 6.00 usec
TE 297.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz
SI 32768
SF 400.1295000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



86a



ppm

2.08

2.15

3.05

4.0

4.5

5.0

5.5

6.0

6.5

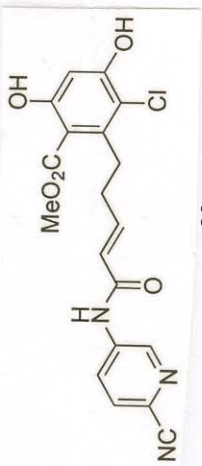
7.0

7.5

8.0

8.5

9.0



S153

```

===== CHANNEL f1 =====
NUC1      13C
NP1       11.00 usec
PL1       2.20 dB
SFO1      125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2   waitz16
NUC2      1H
PCPD2     80.00 usec
PL2       1.60 dB
PL12      16.14 dB
PL13      10.00 dB
SFO2      500.1320005 MHz
SI        32768
SF        125.7577890 MHz
WDW       EM
SSB       0
LB        1.00 Hz
GB        0
PC        1.40

```



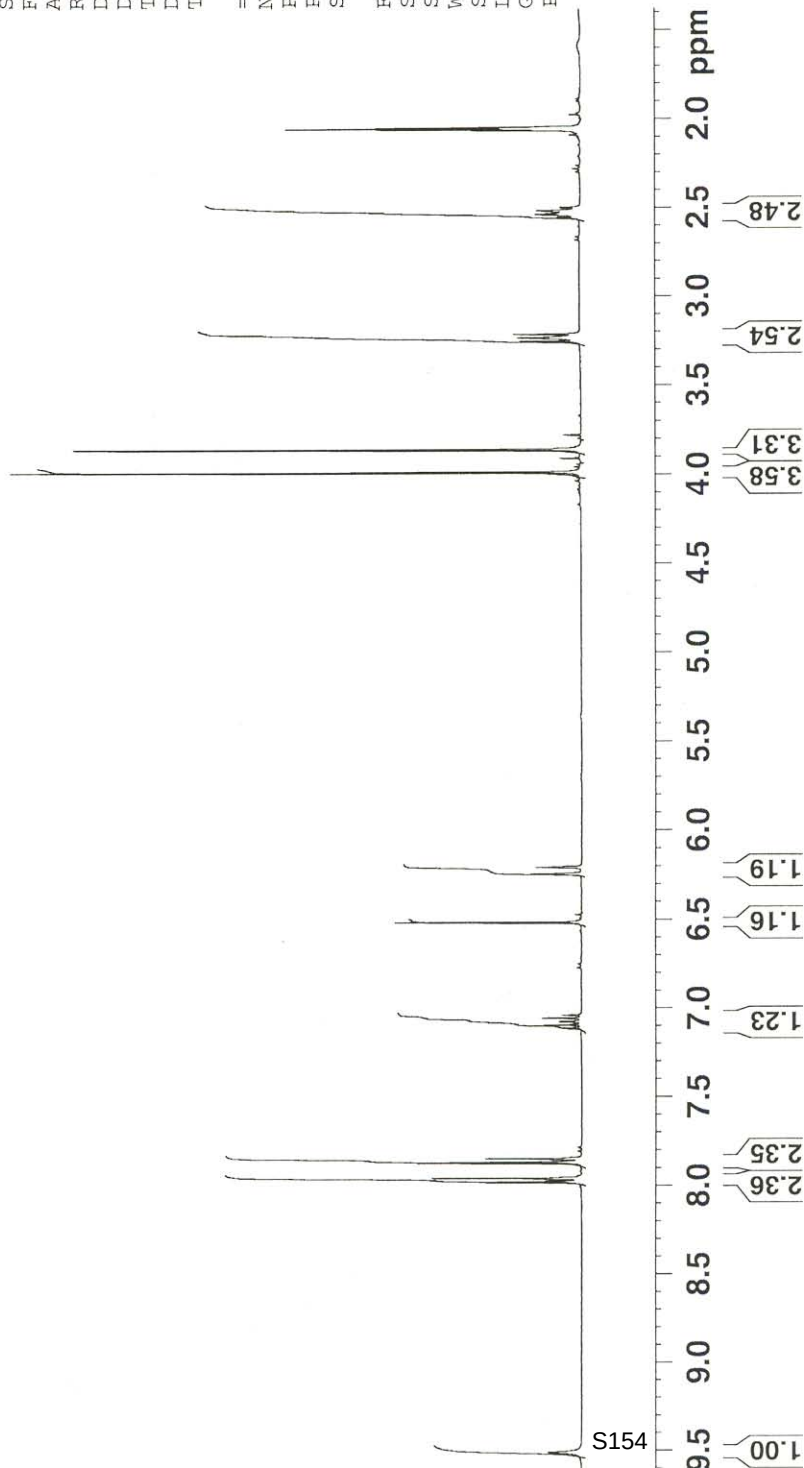
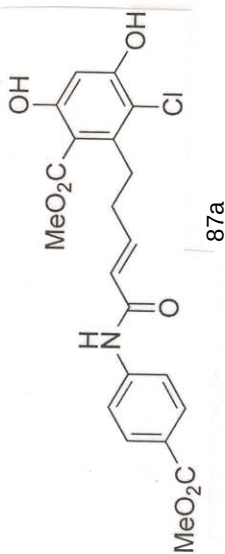


Current Data Parameters
NAME 9.15.07
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070915
Time 7.42
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 29
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 406.4
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





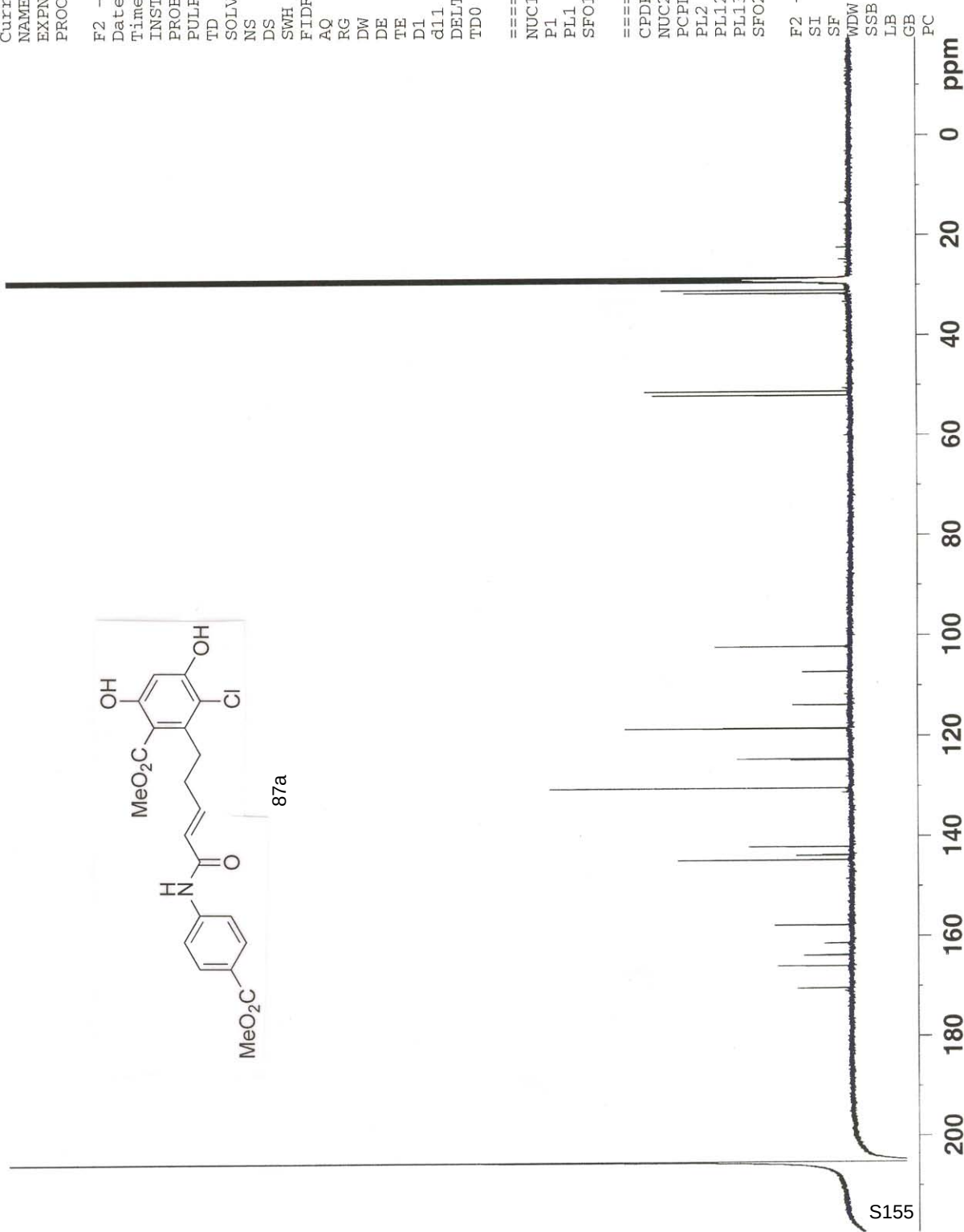
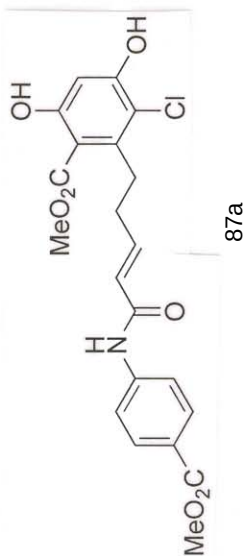
Current Data Parameters
 NAME TRA-4
 EXPNO 2
 PROCNO 1

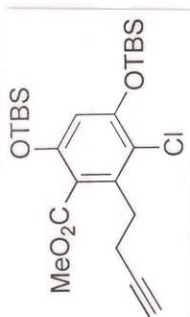
F2 - Acquisition Parameters
 Date_ 20070917
 Time 12.49
 INSTRUM spect
 PROBHD 5 mm CPDUL 13C
 PULPROG zgpg30
 TD 65536
 SOLVENT Acetone
 NS 1024
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 5792.6
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SFO1 125.7703643 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SFO2 500.1320005 MHz

F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40





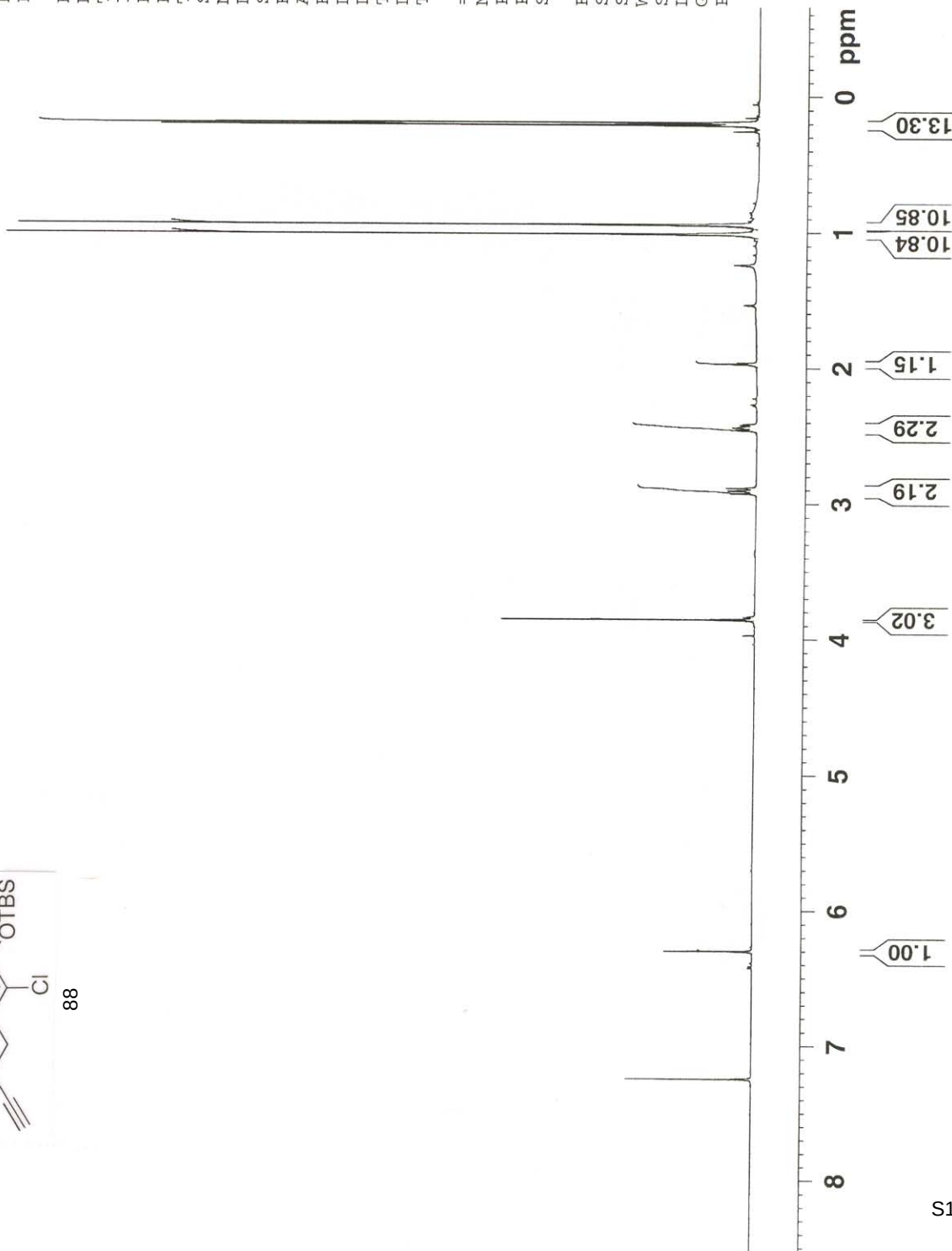
88

Current Data Parameters
 NAME 12.11.07
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20071211
 Time 8.25
 INSTRUM drx400
 PROBD 5 mm QNP 1H/13
 PULPROG zg30
 TD 65536
 SOLVENT CDC13
 NS 14
 DS 2
 SWH 8278.146 Hz
 FIDRES 0.126314 Hz
 AQ 3.9584243 sec
 RG 256
 DW 60.400 use
 DE 6.00 use
 TE 295.2 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 10.50 use
 PL1 -5.00 dB
 SFO1 400.1324710 MHz

F2 - Processing parameters
 SI 32768
 SF 400.1300152 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





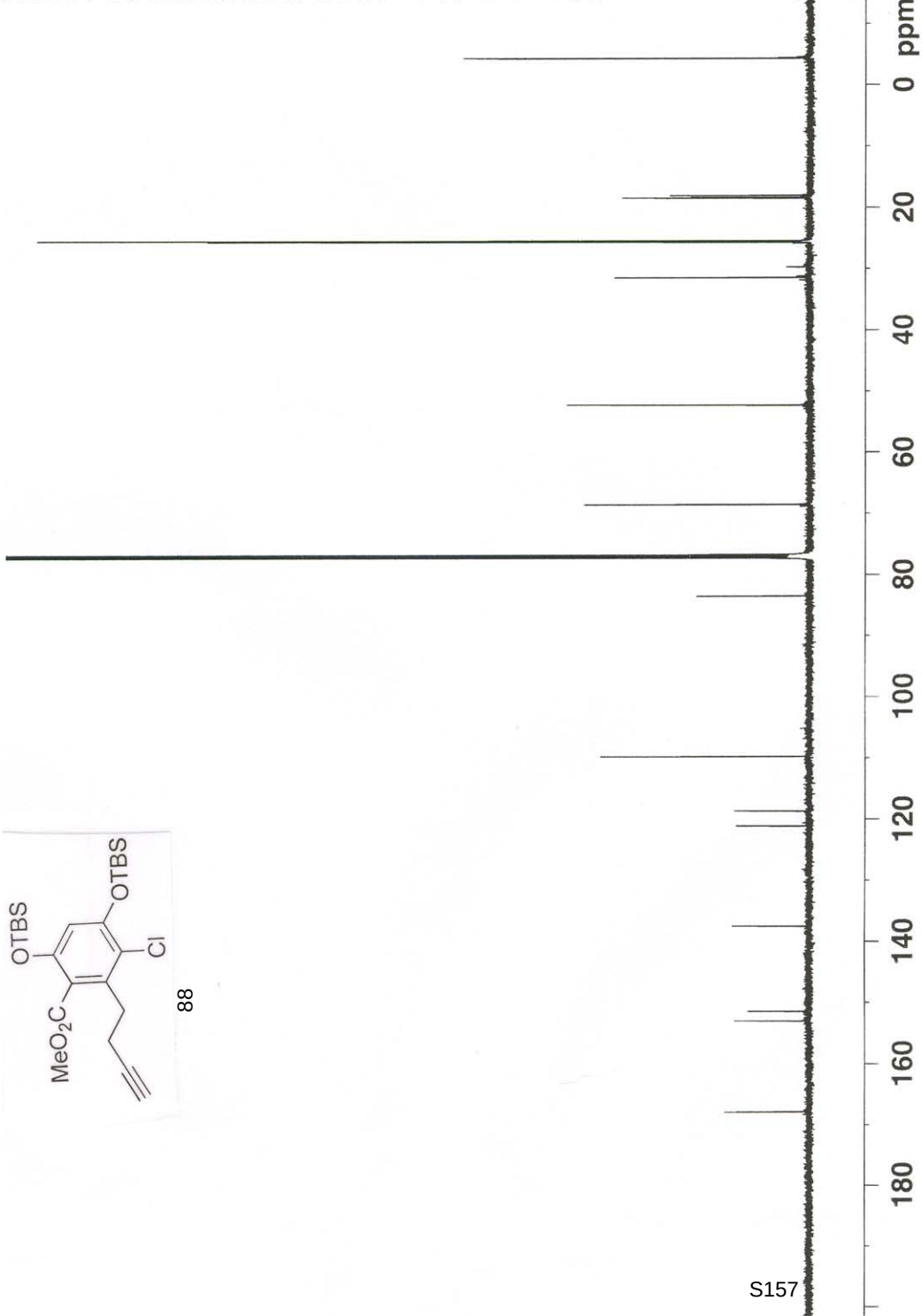
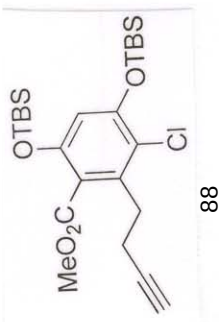
Current Data Parameters
NAME alkyne
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071211
Time 10.39
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 256
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



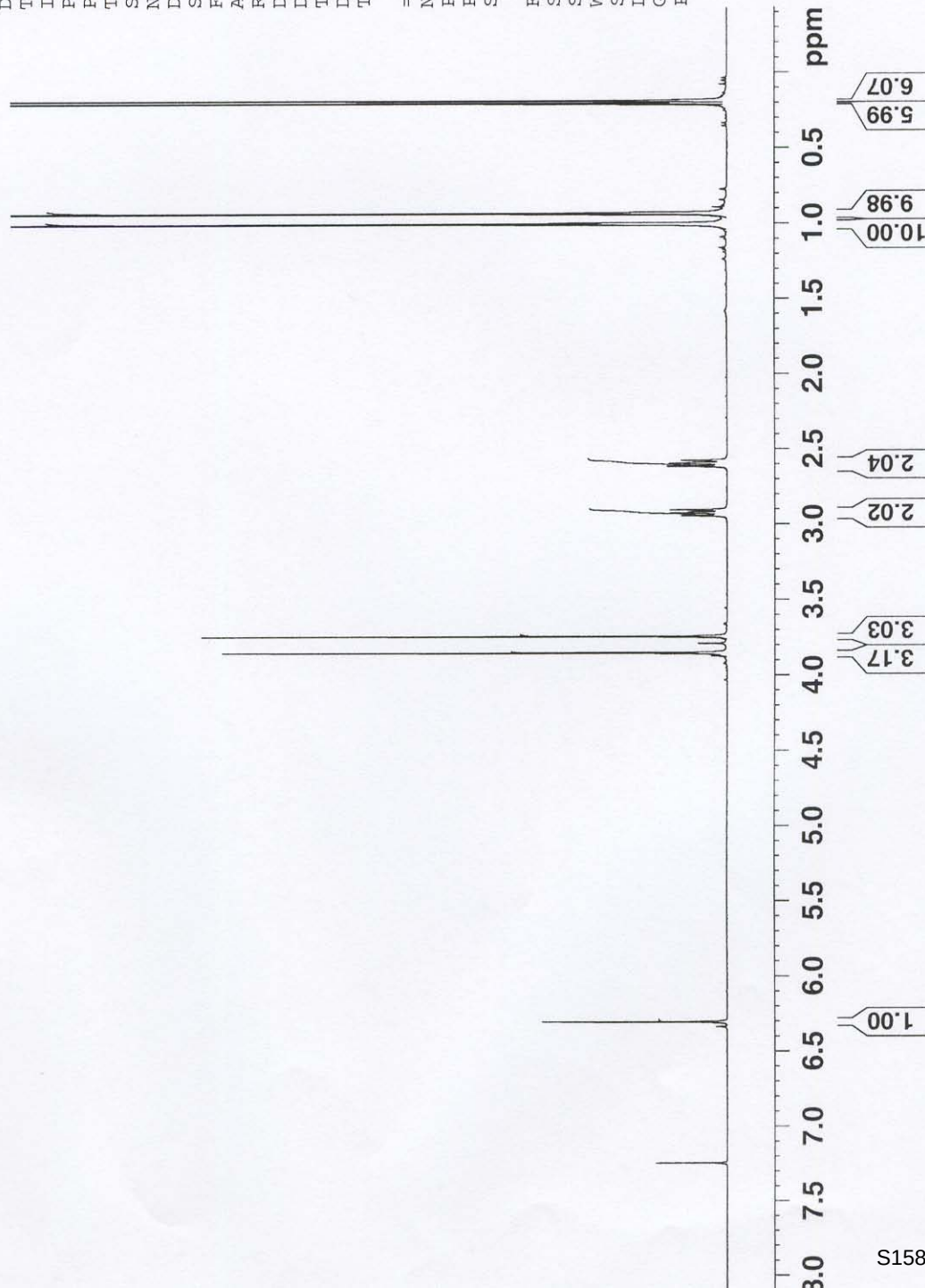
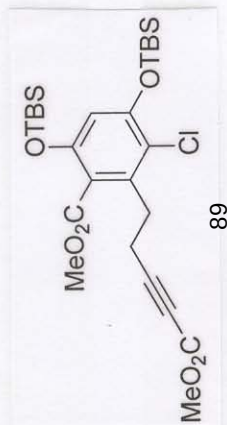


Current Data Parameters
NAME 12.11.07
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071211
Time 8.33
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 12
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 101.6
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300152 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





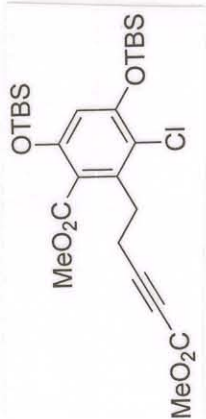
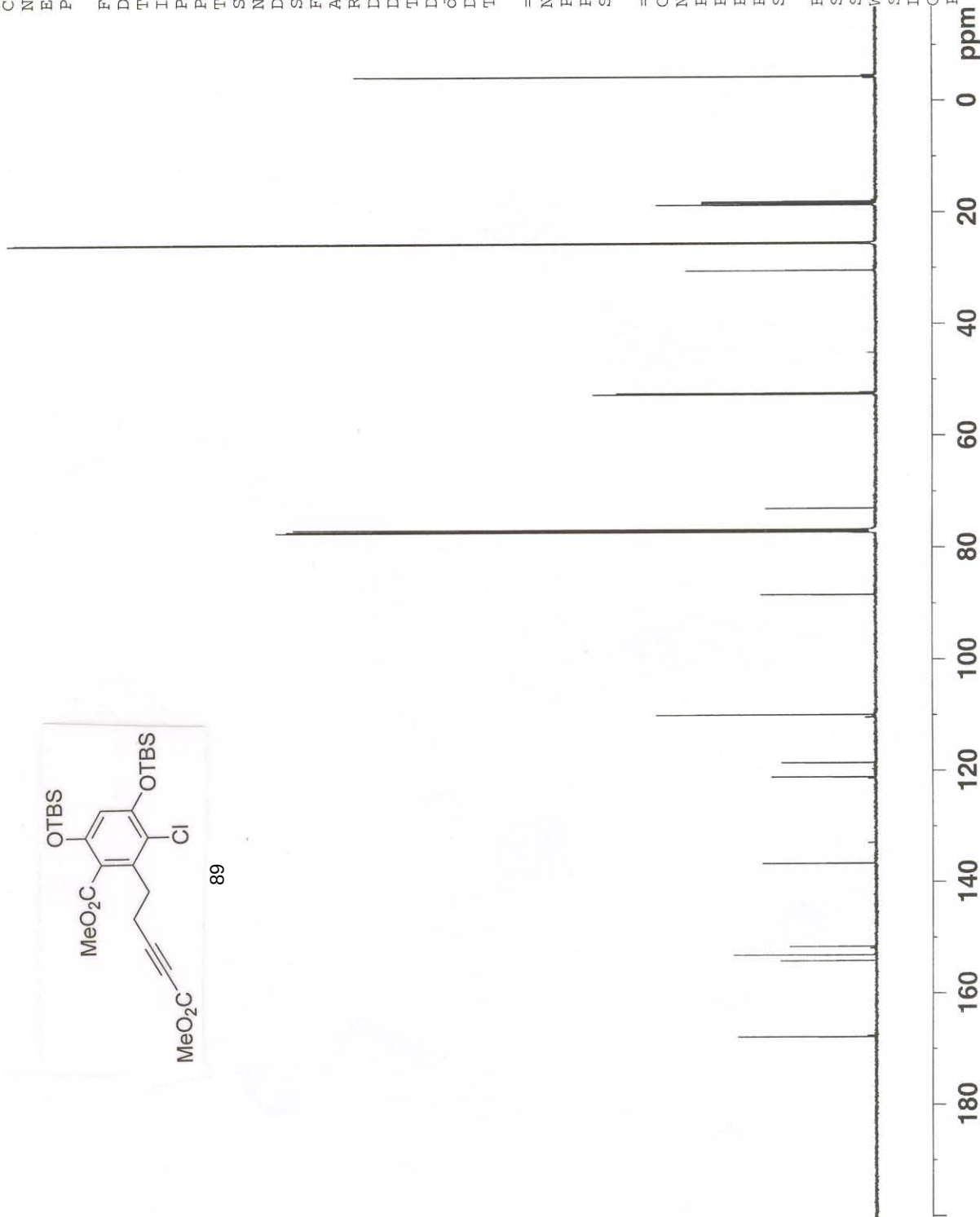
Current Data Parameters
NAME alkyne_ester
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071211
Time 10.50
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 256
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



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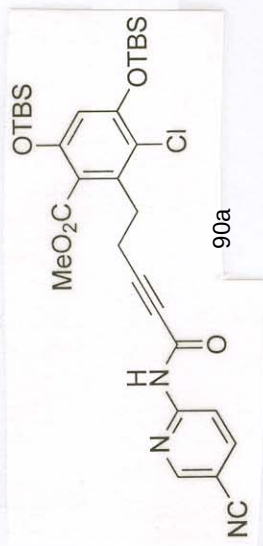


Current Data Parameters
NAME 8.22.07
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070822
Time 7.53
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 64
DW 60.400 usec
DE 6.00 usec
TE 295.2 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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





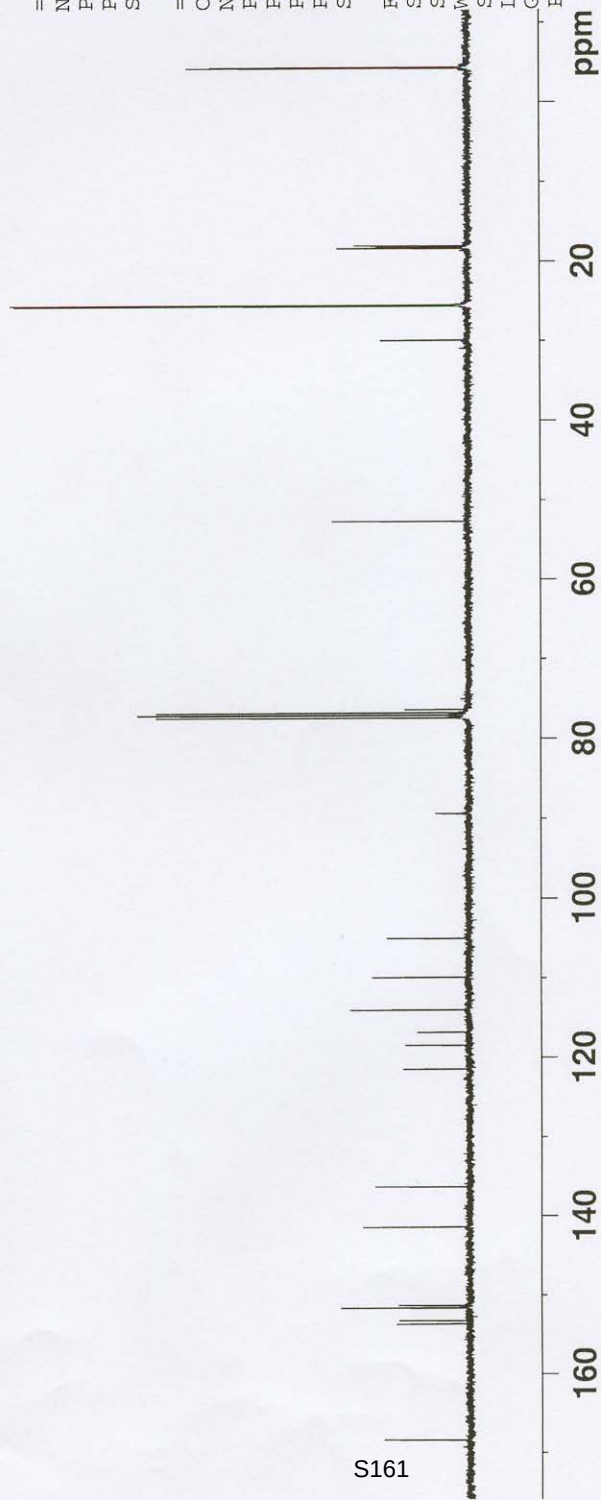
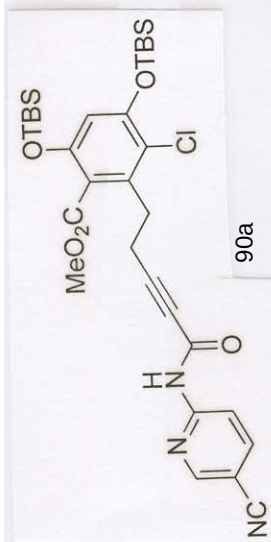
Current Data Parameters
NAME 8.22.07
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070822
Time 8.03
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 169
DS 4
SWH 23980.814 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 1448.2
DW 20.850 usec
DE 6.00 usec
TE 295.2 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 9.85 usec
PL1 -2.00 dB
SFO1 100.6228298 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -5.00 dB
PL12 14.58 dB
PL13 16.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



S161

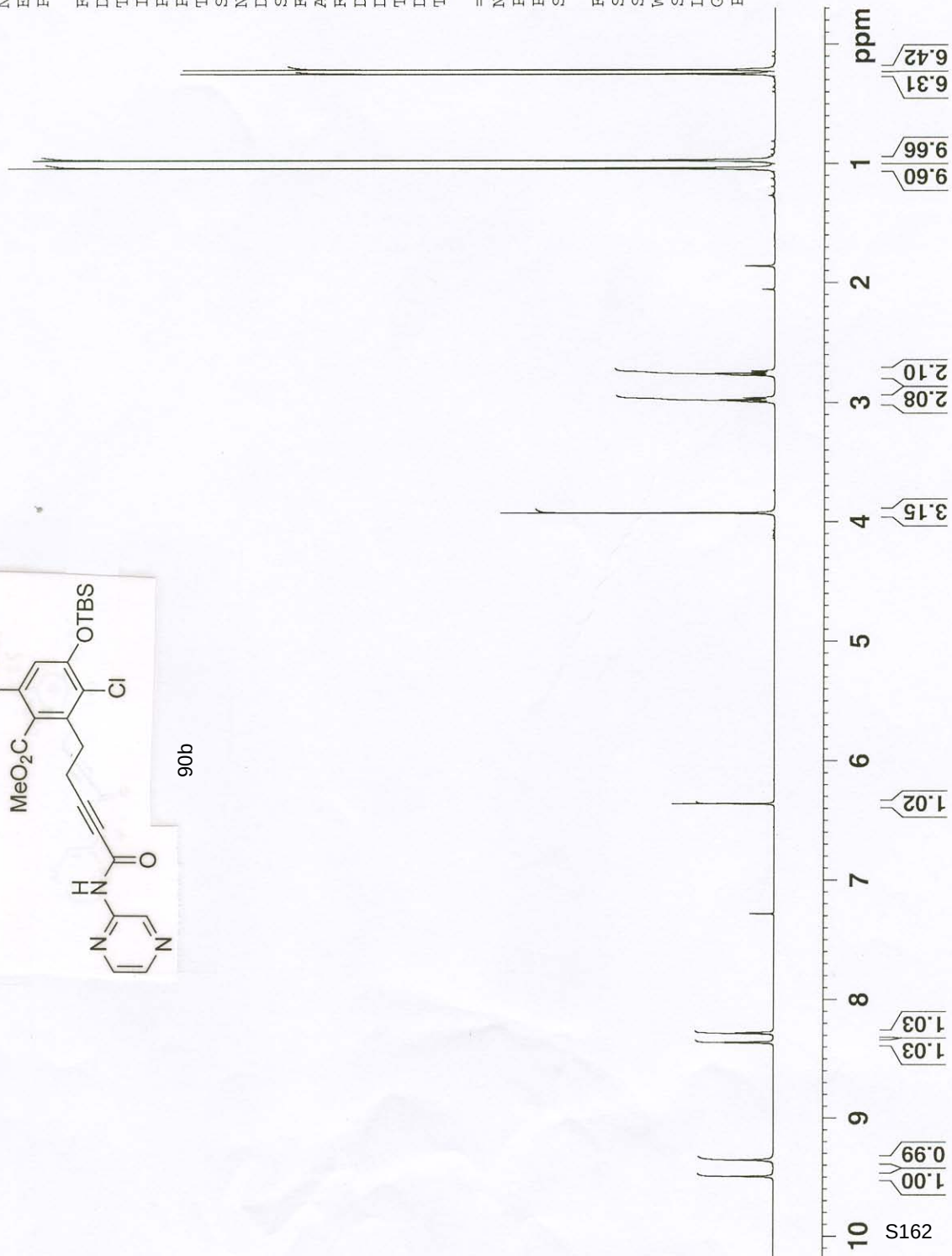
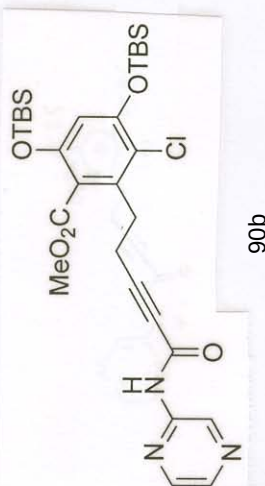


Current Data Parameters
 NAME 8.25.07
 EXPNO 7
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20070825
 Time 10.06
 INSTRUM drx400
 PROBD 5 mm QNP 1H/13
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 22
 DS 2
 SWH 8278.146 Hz
 FIDRES 0.126314 Hz
 AQ 3.9584243 sec
 RG 57
 DW 60.400 usec
 DE 6.00 usec
 TE 295.2 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 10.50 usec
 PL1 -5.00 dB
 SFO1 400.1324710 MHz

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





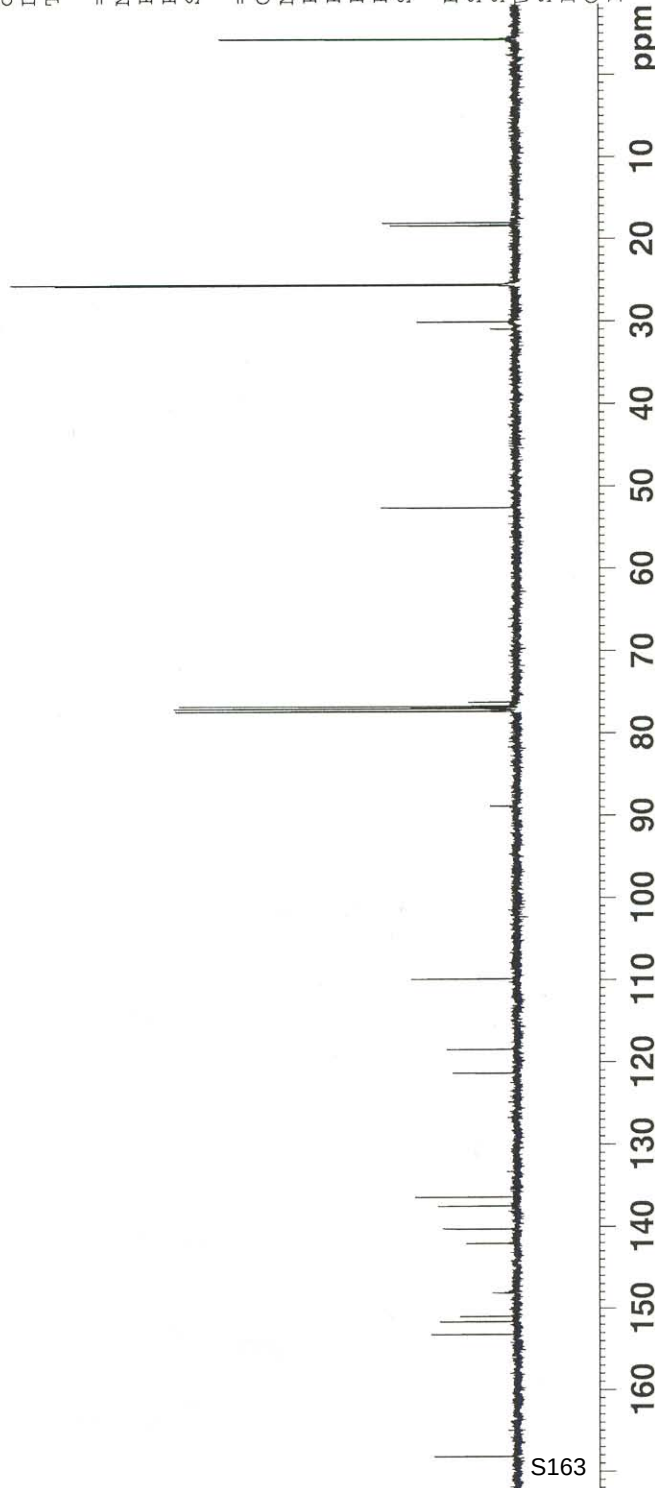
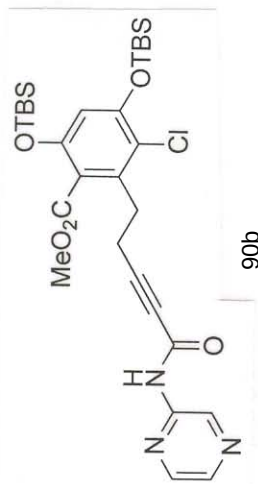
Current Data Parameters
 NAME 9.05.07
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20070905
 Time 13.05
 INSTRUM drx400
 PROBHD 5 mm QNP 1H/13
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 95
 DS 4
 SWH 23980.814 Hz
 FIDRES 0.365918 Hz
 AQ 1.3664756 sec
 RG 2580.3
 DW 20.850 usec
 DE 6.00 usec
 TE 295.2 K
 D1 2.00000000 sec
 d11 0.03000000 sec
 DELTA 1.89999998 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 9.85 usec
 PL1 -2.00 dB
 SFO1 100.6228298 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -5.00 dB
 PL12 14.58 dB
 PL13 16.00 dB
 SFO2 400.1316005 MHz

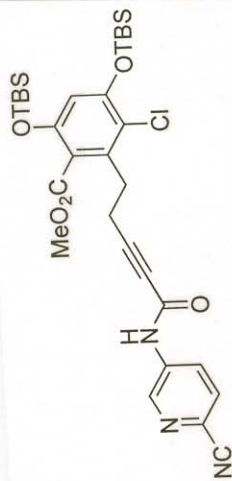
F2 - Processing parameters
 SI 32768
 SF 100.6127690 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40





NAME 1.22.08
EXPNO 2
PROCNO 1
Date_ 20080122
Time_ 11.02
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 5
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 114
DW 60.400 usec
DE 6.00 usec
TE 294.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz
SI 32768
SF 400.1300000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



90c

ppm

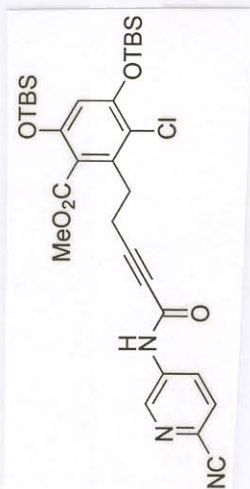




NAME Alkyne-4
EXPNO 2
PROCNO 1
Date_ 20080122
Time 17.47
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 256
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TDO 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz
SI 32768
SF 125.7577890 MHz
EM 0
SSB 1.00 Hz
LB 0
GB 0
PC 1.40



90c

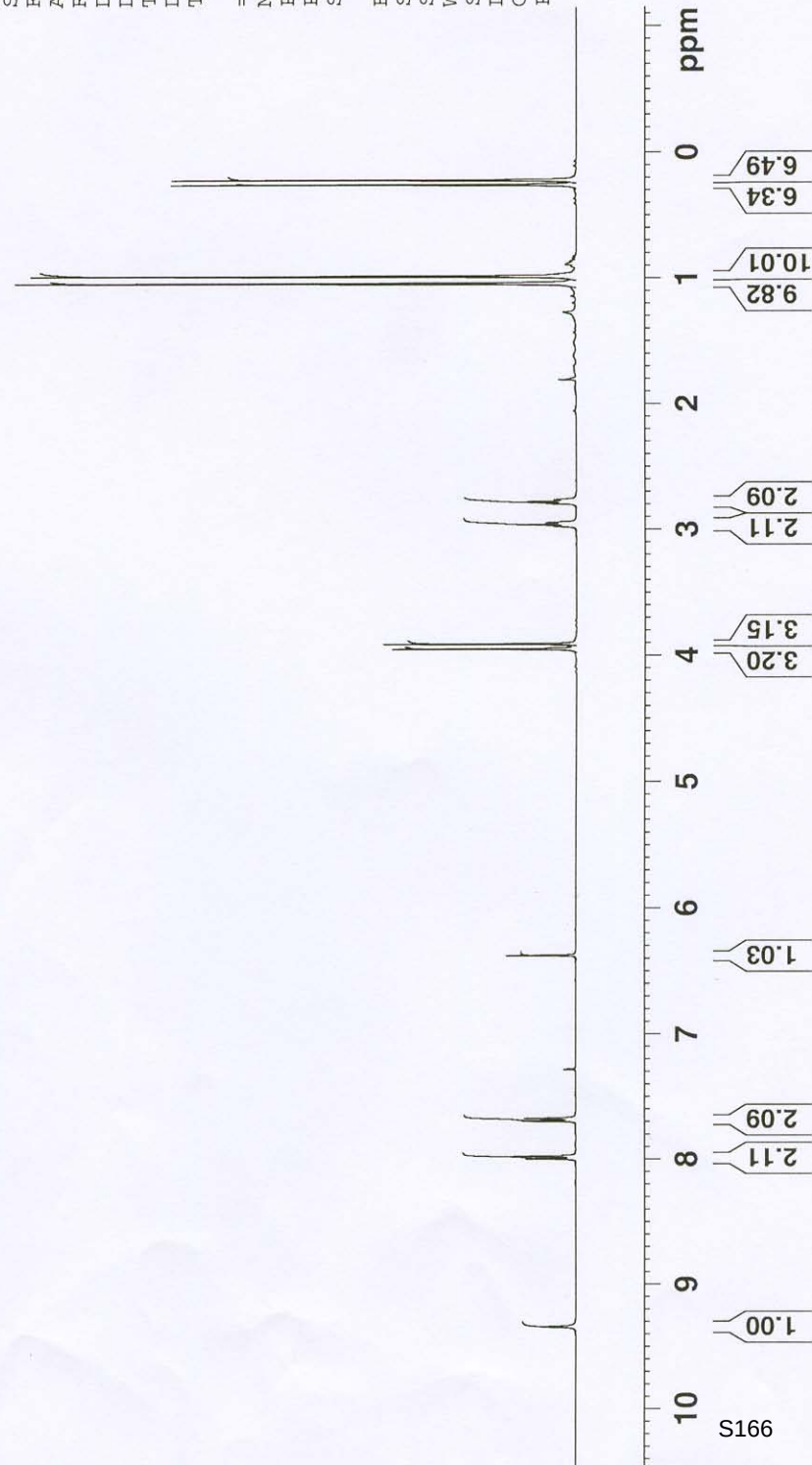
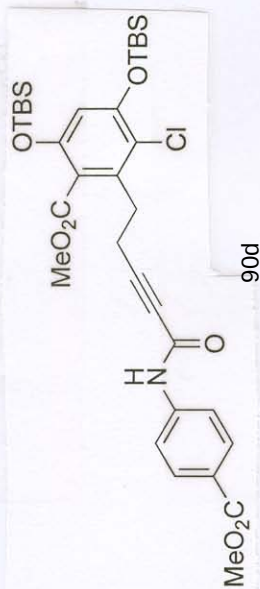


Current Data Parameters
 NAME 8.24.07
 EXPNO 5
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20070824
 Time 13.46
 INSTRUM drx400
 PROBHD 5 mm QNP 1H/13
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8278.146 Hz
 FIDRES 0.126314 Hz
 AQ 3.9584243 sec
 RG 35.9
 DW 60.400 use
 DE 6.00 use
 TE 295.2 K
 D1 1.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 10.50 use
 PL1 -5.00 dB
 SF01 400.1324710 MHz

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





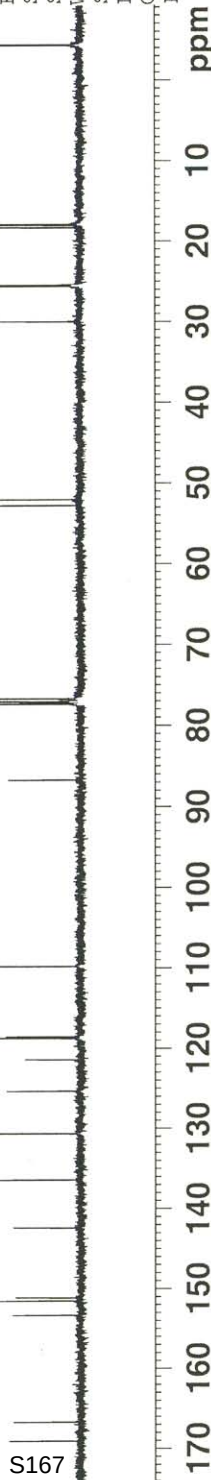
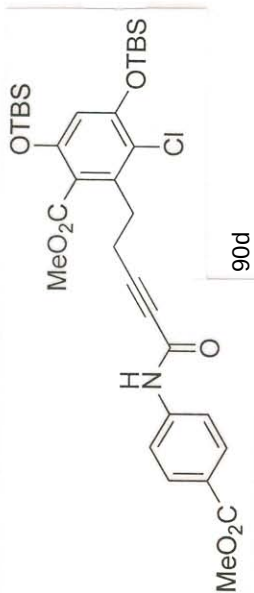
Current Data Parameters
NAME 9.06.07
EXPNO 2
PROCNO 1

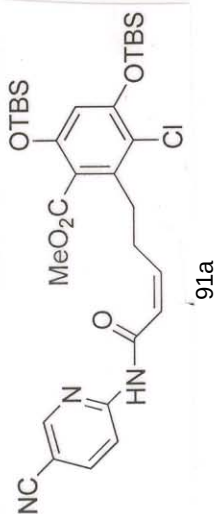
F2 - Acquisition Parameters
Date_ 20070906
Time 7.31
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 145
DS 4
SWH 23980.814 Hz
FIDRES 0.365918 Hz
AQ 1.3664756 sec
RG 5160.6
DW 20.850 usec
DE 6.00 usec
TE 295.2 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 9.85 usec
PL1 -2.00 dB
SFO1 100.6228298 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 -5.00 dB
PL12 14.58 dB
PL13 16.00 dB
SFO2 400.1316005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127690 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40





Current Data Parameters
NAME 10.02.07
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071002
Time 7.33
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 10
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 203.2
DW 60.400 usec
DE 6.00 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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

9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 ppm





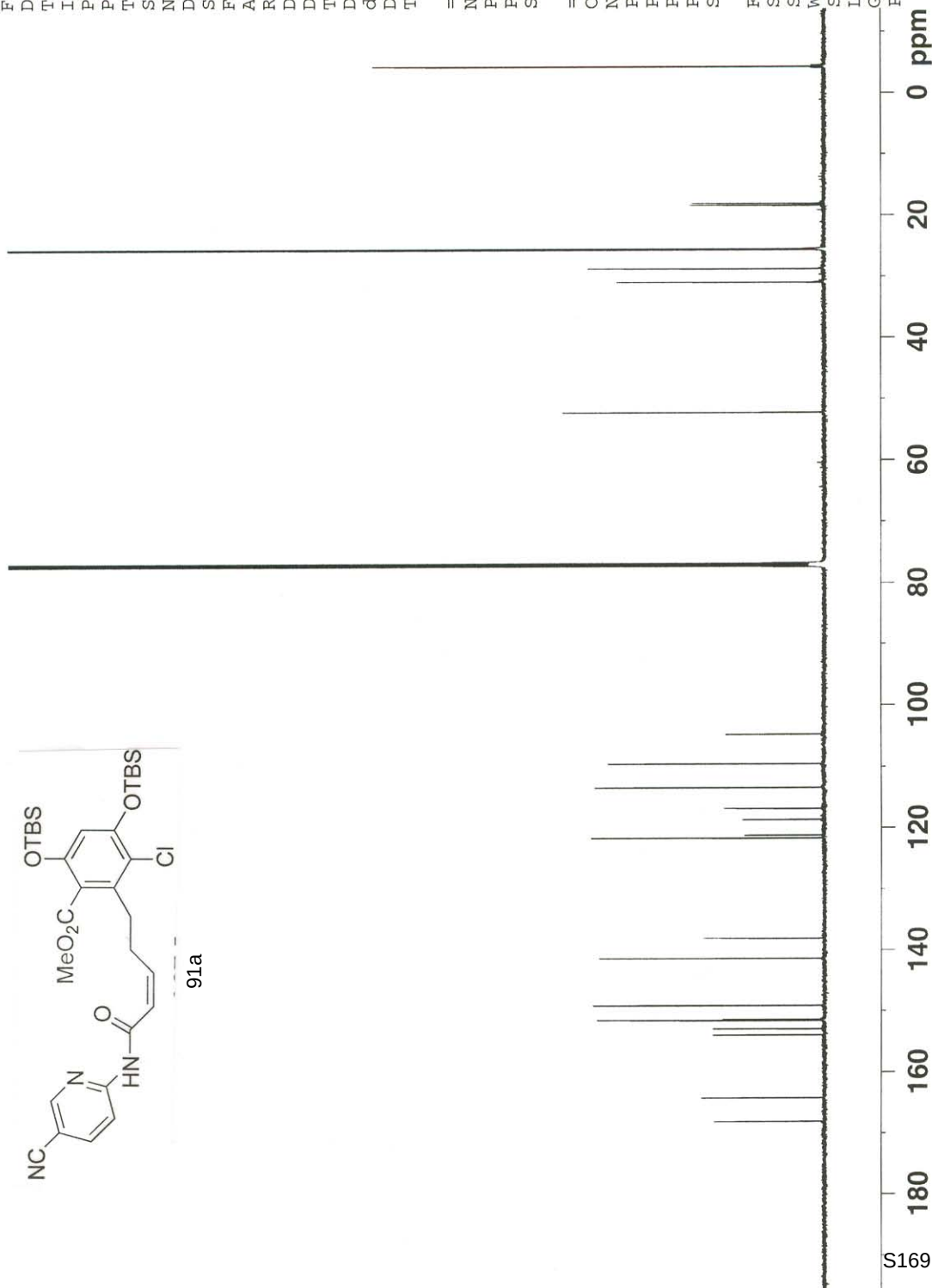
Current Data Parameters
NAME CCT-5
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071002
Time 12.00
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 512
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 16384
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



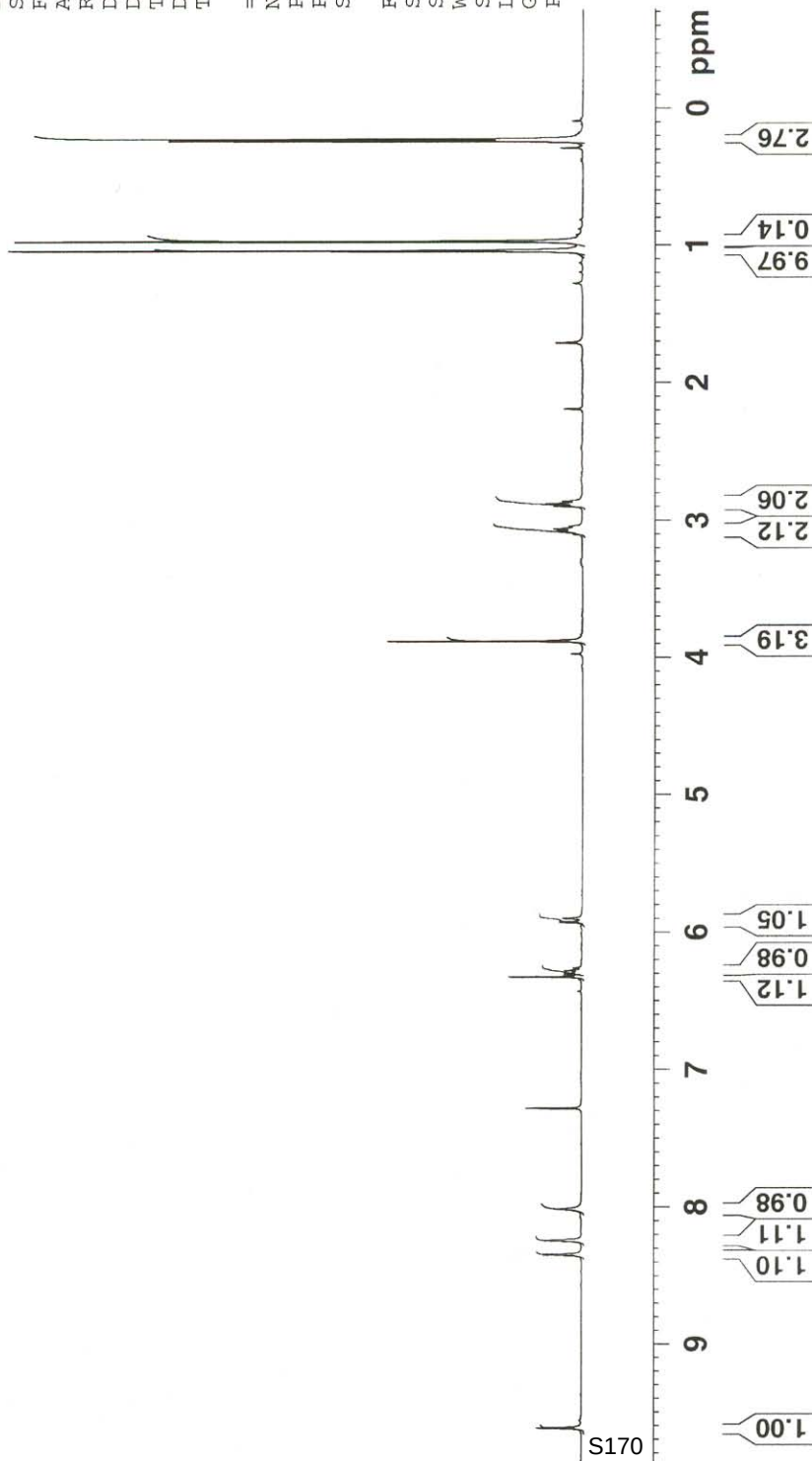
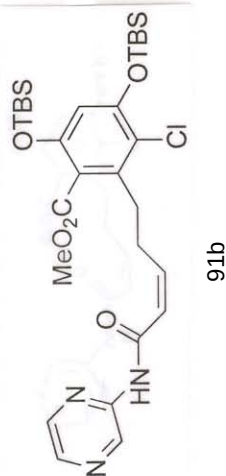


Current Data Parameters
NAME 9.28.07
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070928
Time 7.27
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 28
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 181
DW 60.400 usec
DE 6.00 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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



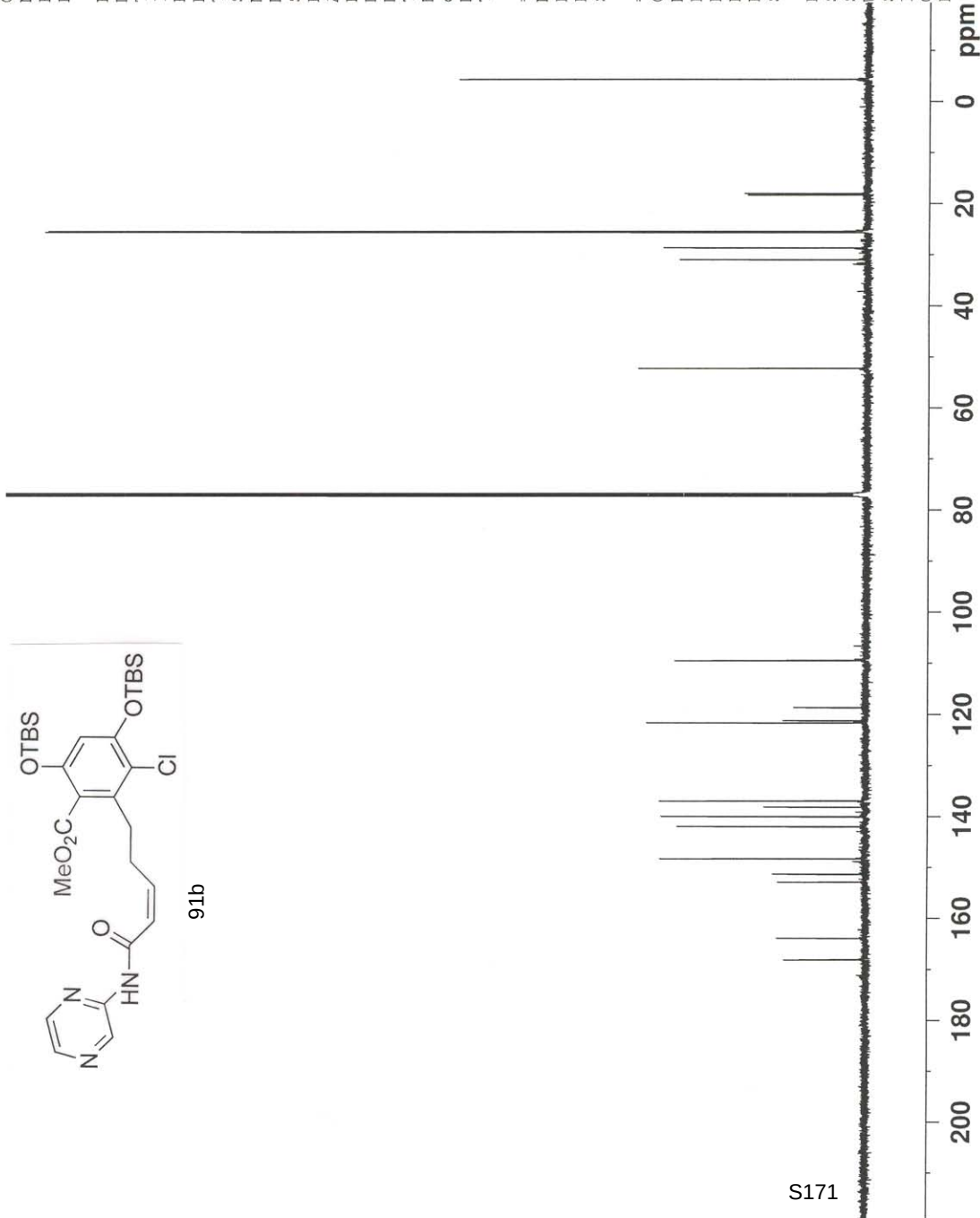
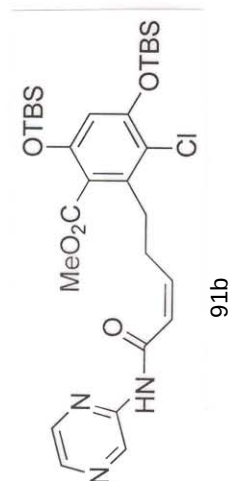
Current Data Parameters
 NAME CCT-7
 EXPNO 1
 PROCNO 1

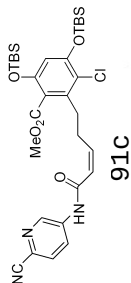
F2 - Acquisition Parameters
 Date_ 20070928
 Time 11.14
 INSTRUM spect
 PROBHD 5 mm CPDUL 13C
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 128
 DS 4
 SWH 30030.029 Hz
 FIDRES 0.458222 Hz
 AQ 1.0912410 sec
 RG 16384
 DW 16.650 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 11.00 usec
 PL1 2.20 dB
 SFO1 125.7703643 MHz

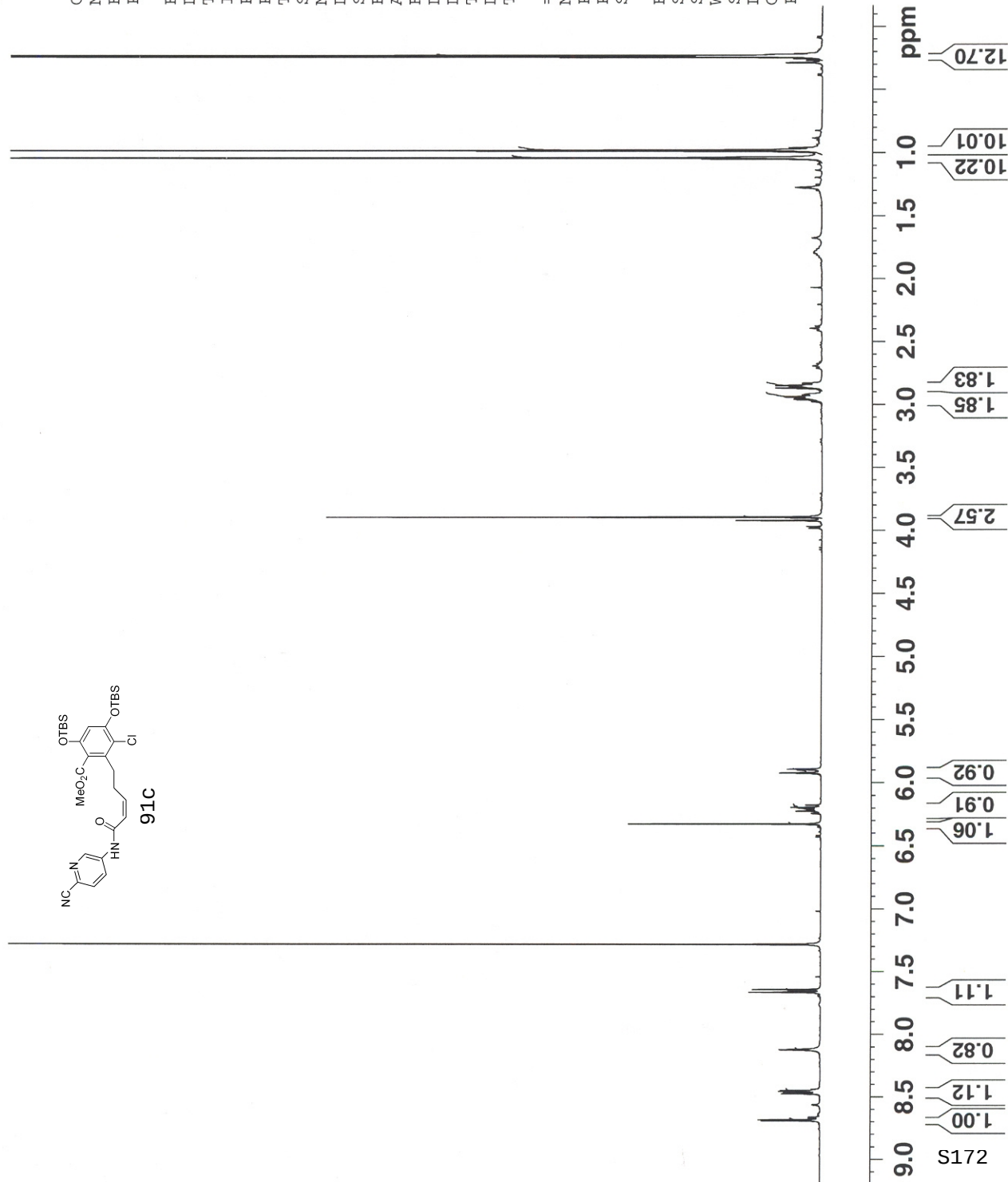
==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 1.60 dB
 PL12 16.14 dB
 PL13 10.00 dB
 SFO2 500.1320005 MHz

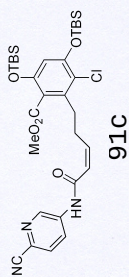
F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



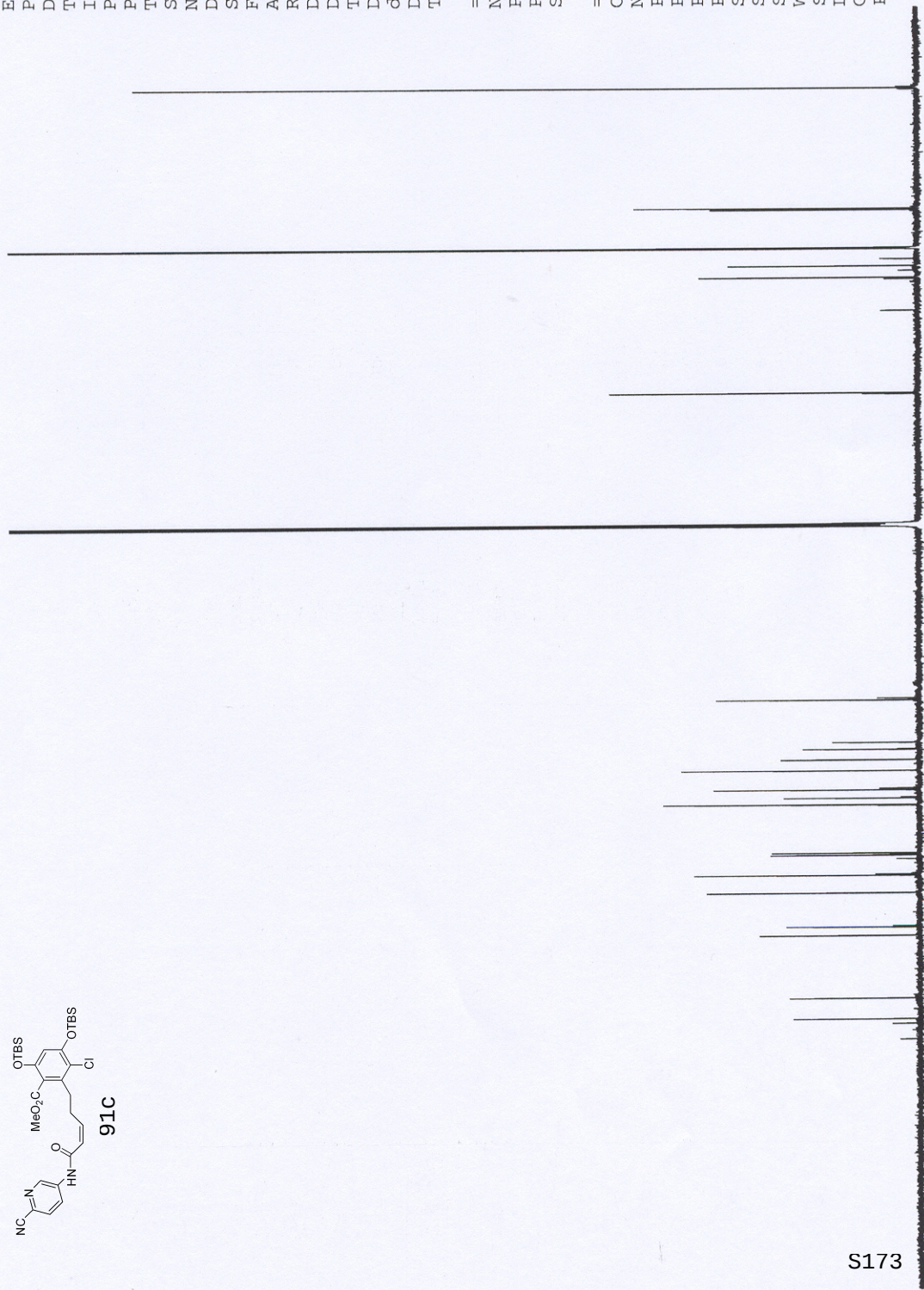


F2 - Processing parameters	
SI	32768
SF	400.130000 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00





91c



S173



NAME	CCT-10
EXPNO	2
PROCNO	1
Date_	20080424
Time	19.00
INSTRUM	spect
PROBHD	5 mm CPDUL 13C
PULPROG	zgpg30
TD	65536
SOLVENT	CDCl3
NS	768
DS	4
SWH	30030.029 Hz
FIDRES	0.458222 Hz
AQ	1.0912410 sec
RG	16384
DW	16.650 use
DE	6.00 use
TE	298.2 K
D1	0.15000001 sec
d11	0.03000000 sec
DELTA	0.05000000 sec
TD0	1

```
===== CHANNEL f1 =====
NUC1      13C
P1        11.00 use
PL1       2.20 dB
SFO1     125.7703643 MHz
```

```

===== CHANNEL f2 =====
CPDPRG2      waltz16
NUC2         IH
PCPD2        80.00 use
PL2          1.60 dB
PL12         16.14 dB
PL13         10.00 dB
SF02         500.1320005 MHz
SI           32768
SF           125.7577890 MHz
WDW          EM
SSB          0
LB           1.00 Hz
GB           0
PC           1.40

```

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

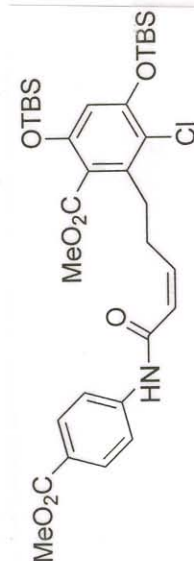


Current Data Parameters
NAME 9.26.07
EXPNO 3
PROCNO 1

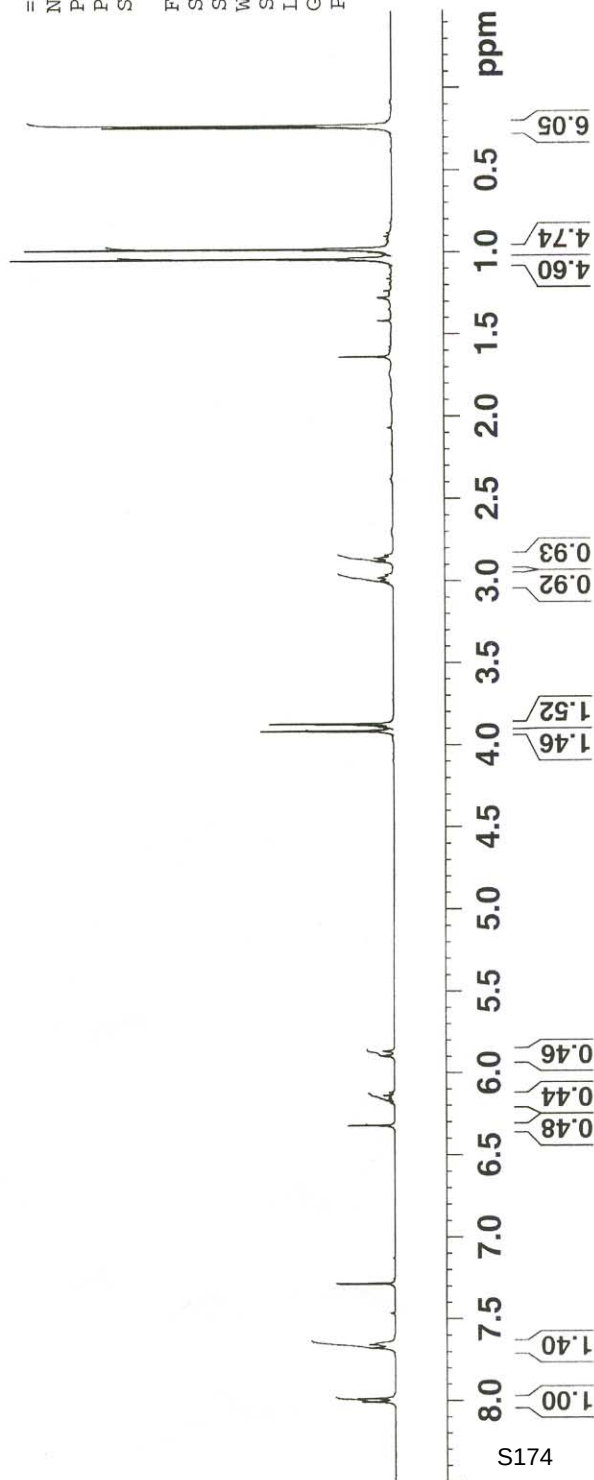
F2 - Acquisition Parameters
Date_ 20070926
Time 13.16
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 19
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 181
DW 60.400 usec
DE 6.00 usec
TE 297.2 K
D1 1.00000000 sec
TD0 1

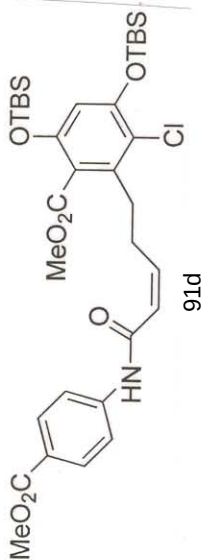
===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

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



91d





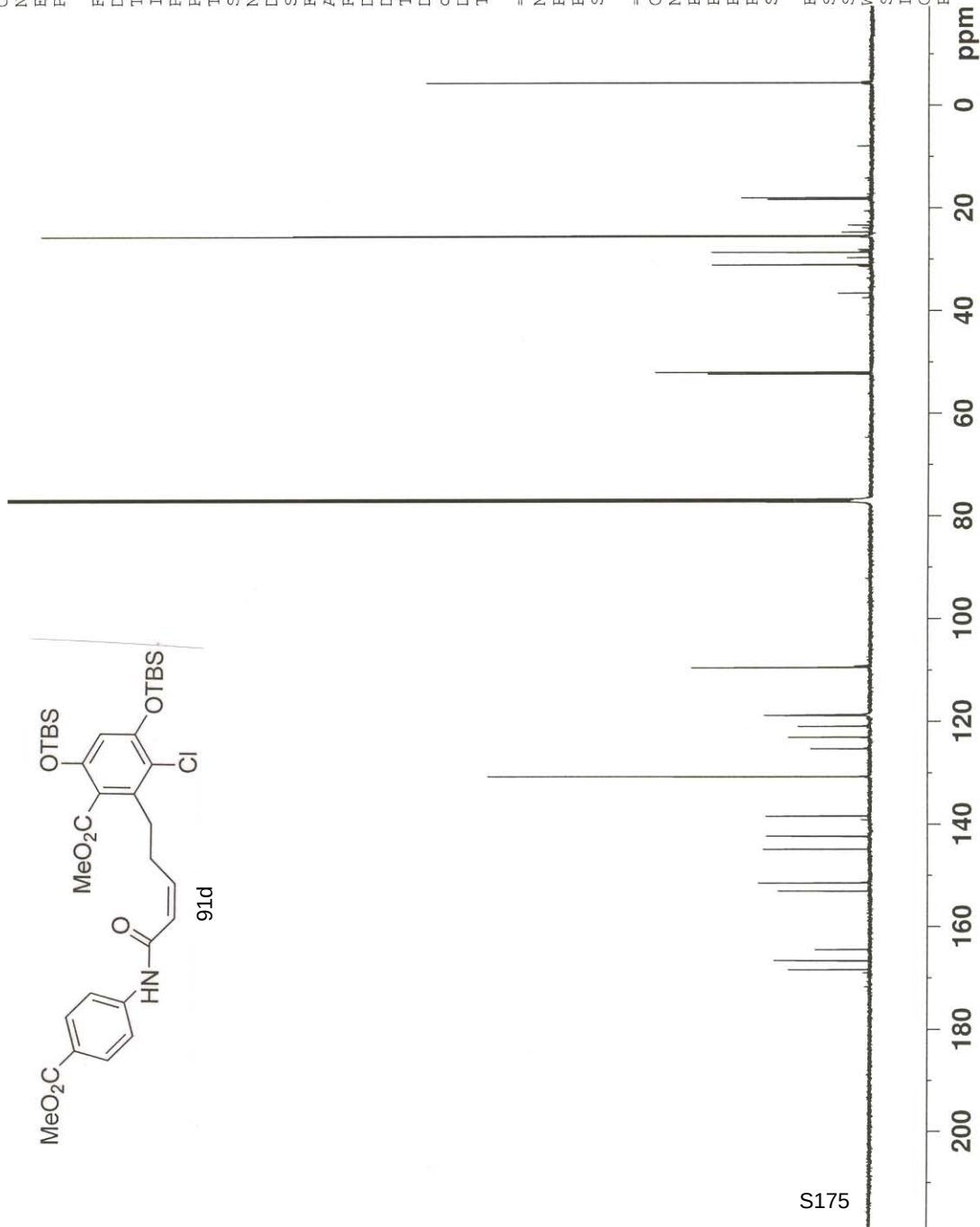
Current Data Parameters
NAME CCI-4
EXPNO 2
PROCNO 1

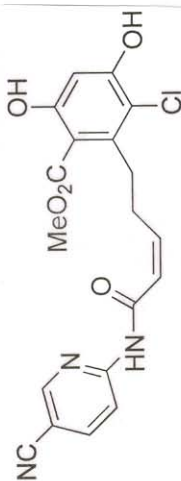
F2 - Acquisition Parameters
Date_ 20070926
Time 23.51
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 768
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 14596.5
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40





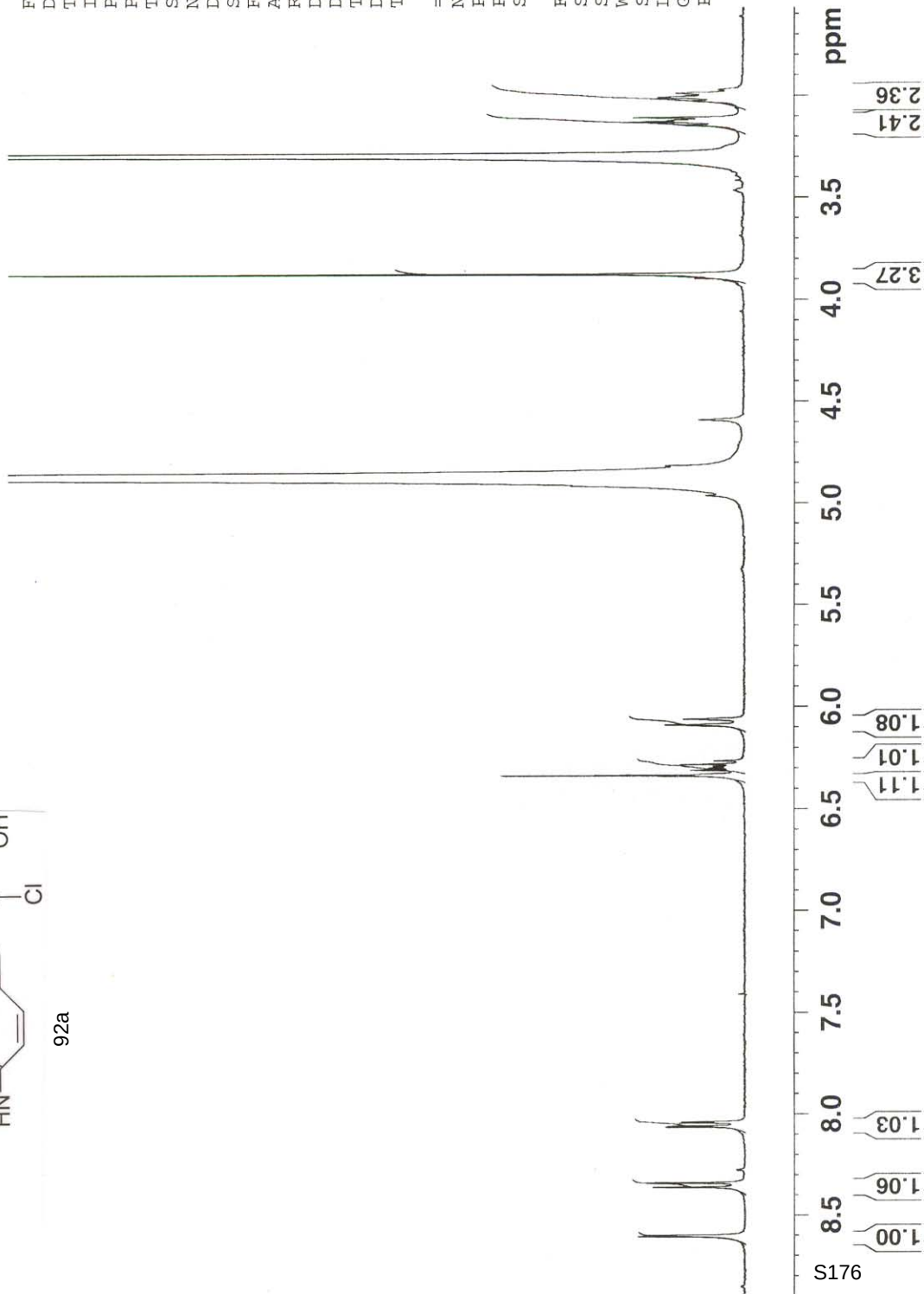
92a

Current Data Parameters
NAME 10.27.07
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071027
Time 8.08
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 57
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 456.1
DW 60.400 usec
DE 6.00 usec
TE 295.5 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1295055 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





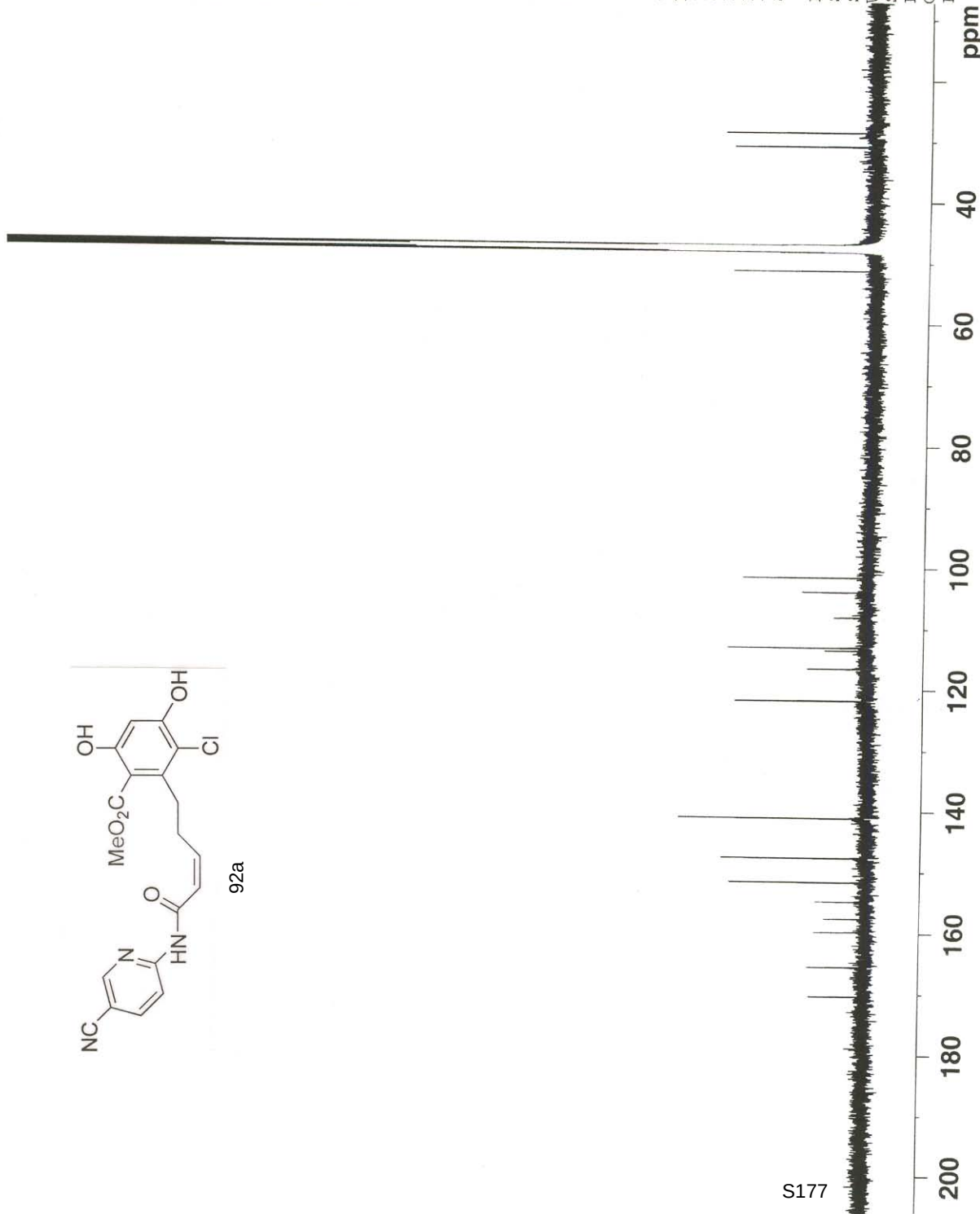
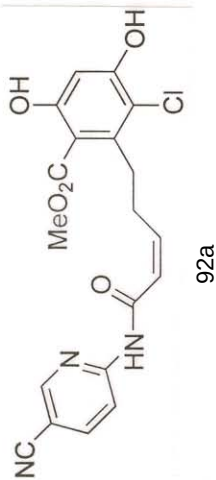
Current Data Parameters
NAME CRA-5
EXPNO 2
PROCNO 1

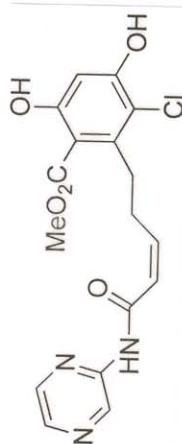
F2 - Acquisition Parameters
Date_ 20071027
Time 12.00
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 1500
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40





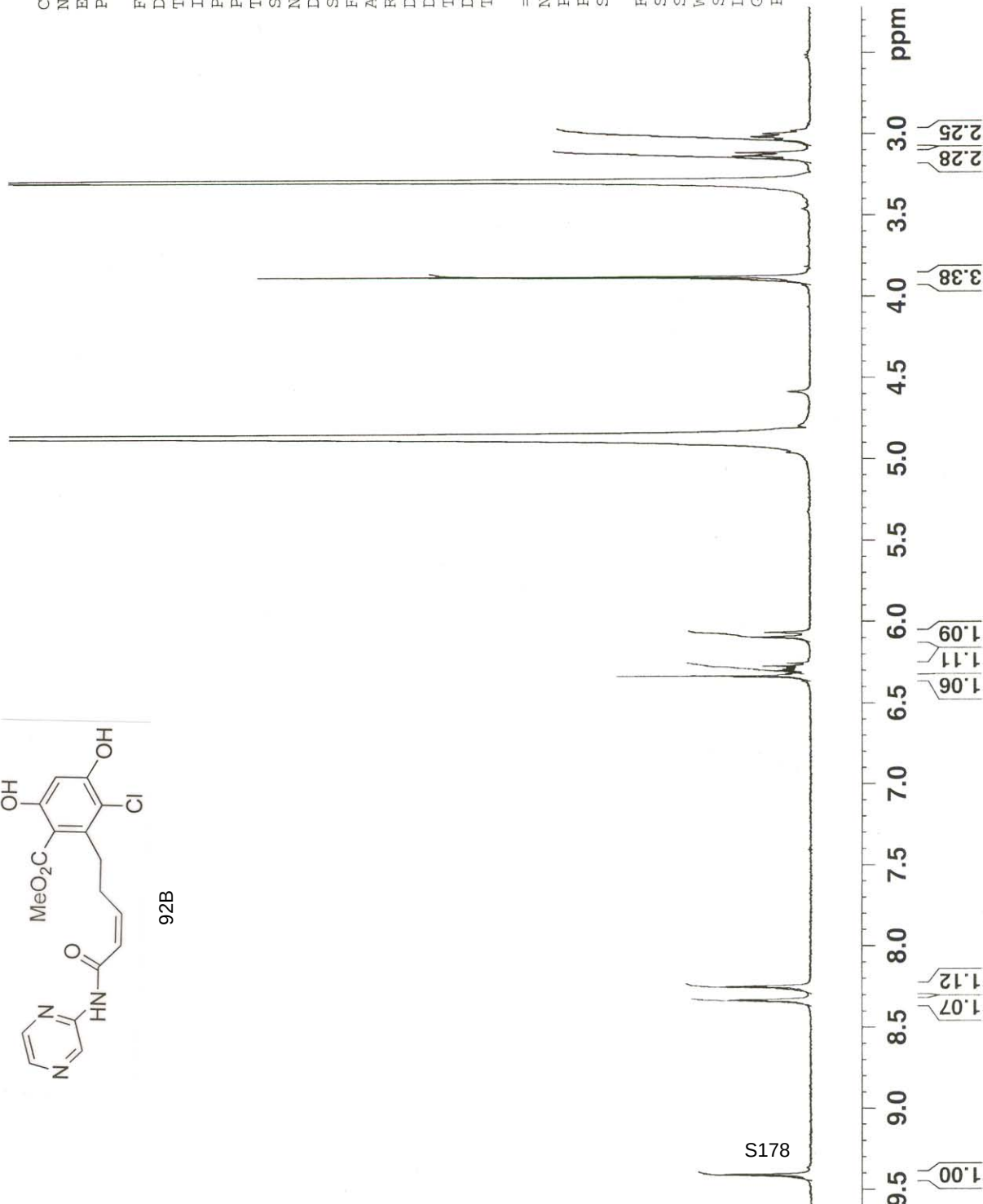
92B

Current Data Parameters
NAME 10.27.07
EXPNO 3
PROCNO 1

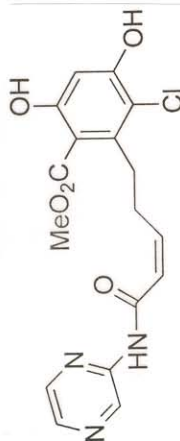
F2 - Acquisition Parameters
Date_ 20071027
Time 8.18
INSTRUM drx400
PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT MeOD
NS 28
DS 2
SWH 8278.146 Hz
FIDRES 0.126314 Hz
AQ 3.9584243 sec
RG 456.1
DW 60.400 usec
DE 6.00 usec
TE 295.4 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.50 usec
PL1 -5.00 dB
SF01 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1295071 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



S178



92b

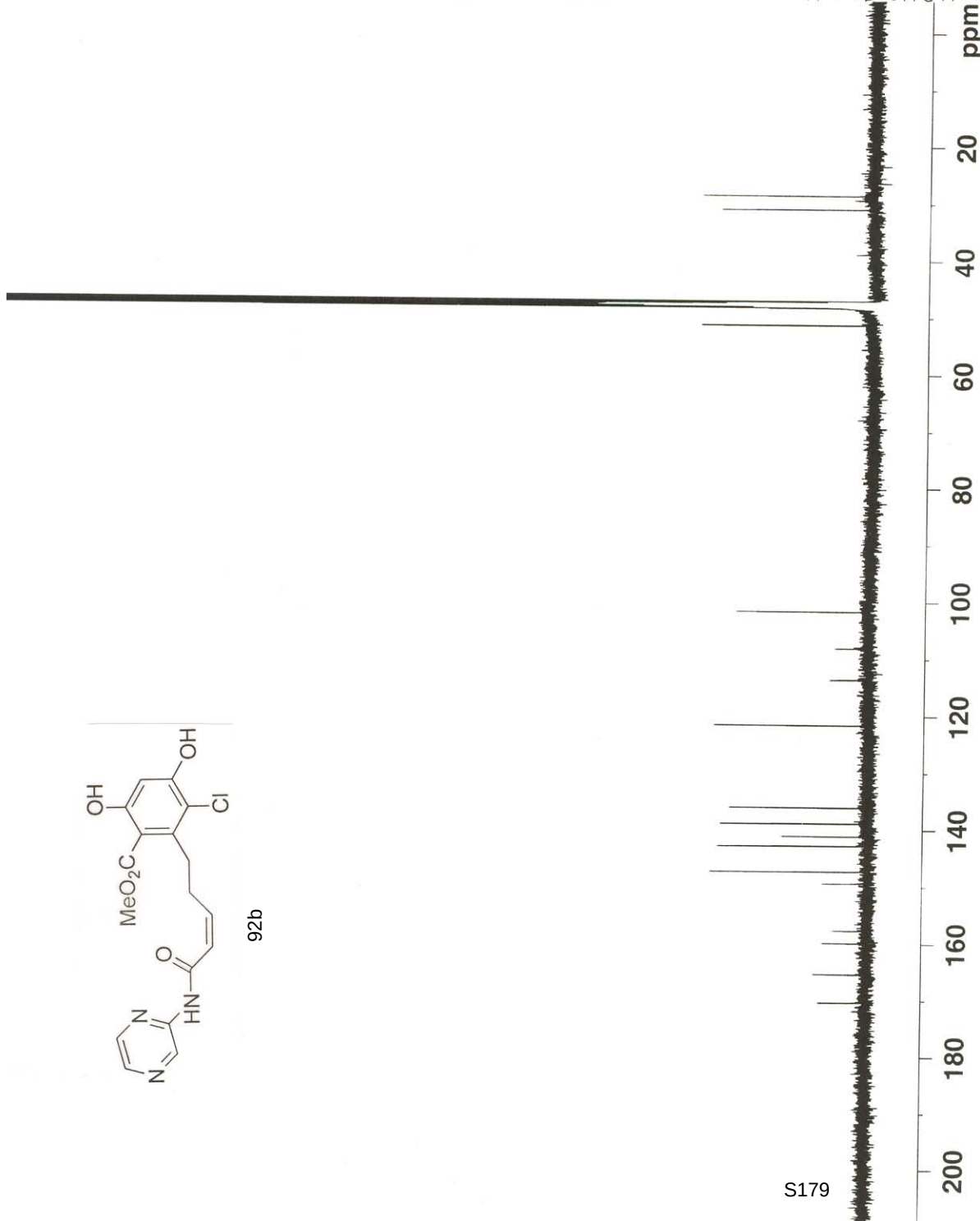
Current Data Parameters
NAME CRA-7
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20071027
Time 12.37
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 1500
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 13004
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz

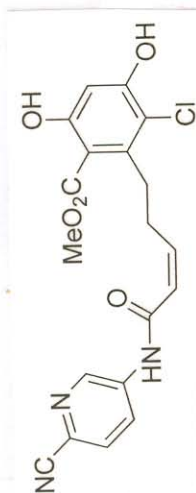
F2 - Processing parameters
SI 32768
SF 125.7577890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



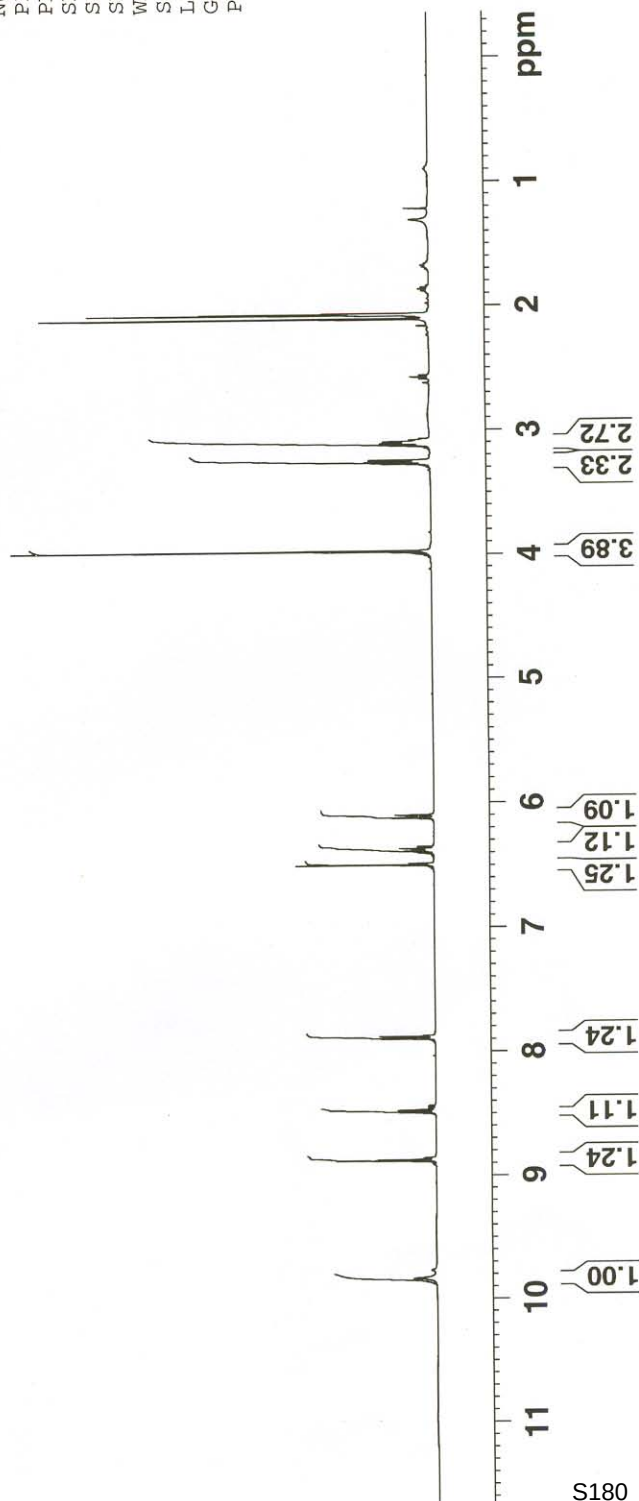


NAME CRA-11
EXPNO 1
PROCNO 1
Date_ 20080428
Time 20.58
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zg30
TD 65536
SOLVENT Acetone
NS 16
DS 2
SWH 10330.578 Hz
FIDRES 0.157632 Hz
AQ 3.1720407 sec
RG 912.3
DW 48.400 use
DE 6.00 use
TE 298.2 K
D1 0.15000001 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 15.00 use
PL1 1.60 dB
SFO1 500.1330885 MHz
SI 32768
SF 500.1300000 MHz
EM 0
SSB 0.30 Hz
LB 0
GB 0
PC 1.00



92c

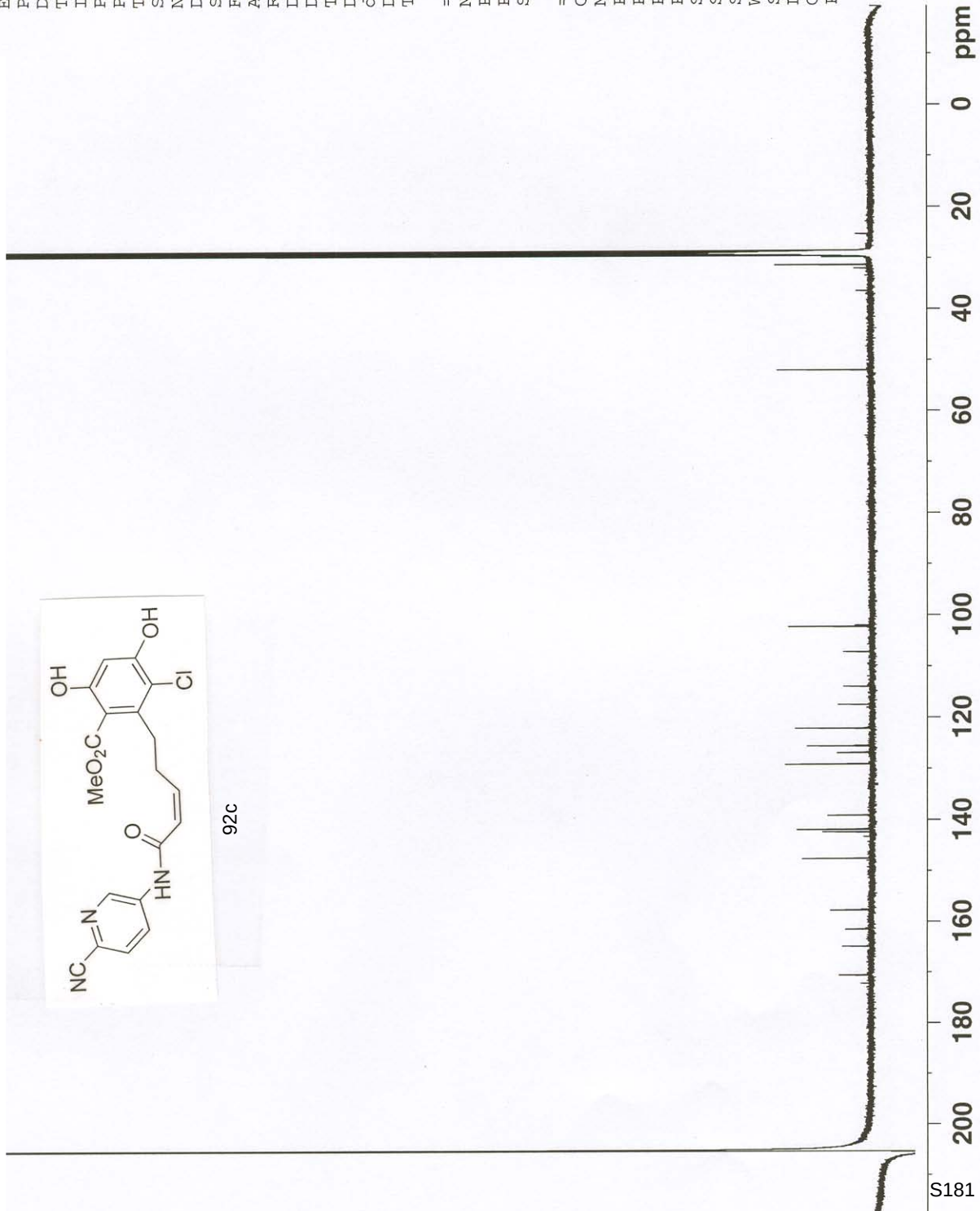




NAME CRA-11
EXPNO 2
PROCNO 1
Date_ 20080428
Time 21.25
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT Acetone
NS 1200
DS 4
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 7298.2
DW 16.650 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 usec
PL1 2.20 dB
SFO1 125.7703643 MHz

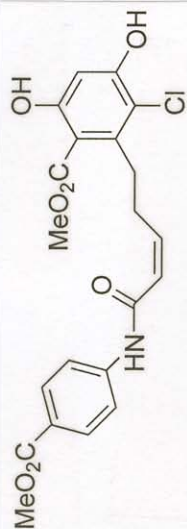
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 1.60 dB
PL12 16.14 dB
PL13 10.00 dB
SFO2 500.1320005 MHz
SI 32768
SF 125.7577890 MHz
EM 0
WDW 1.00 Hz
SSB 0
LB 0
GB 1.40
PC





NAME CRA-4
EXPNO 11
PROCNO 1
Date_ 20080624
Time 19.21
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 10330.578 Hz
FIDRES 0.157632 Hz
AQ 3.1719923 s
RG 575
DW 48.400 us
DE 6.50 us
TE 298.2 K
D1 1.00000000 s
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 15.00 us
PL1 6.00 dB
PL1W 8.64411545 W
SFO1 500.1930889 MHz
SI 32768
SF 500.1900926 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



92d

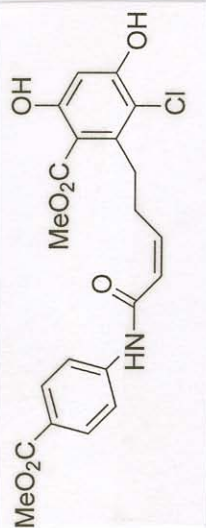




NAME CRA-4
EXPNO 12
PROCNO 1
Date_ 20080624
Time 19.52
INSTRUM spect
PROBHD 5 mm CPDUL 13C
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1400
DS 4
SWH 29761.904 Hz
FIDRES 0.454131 Hz
AQ 1.1010548 sec
RG 2050
DW 16.800 usec
DE 6.50 usec
TE 298.2 K
D1 0.15000001 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PL1 3.00 dB
PL1W 53.00075912 W
SFO1 125.7854528 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 6.00 dB
PL12 20.54 dB
PL13 25.00 dB
PL2W 8.64411545 W
PL12W 0.30389285 W
PL13W 0.10882297 W
SFO2 500.1920008 MHz
SI 32768
SF 125.7729389 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



92d

