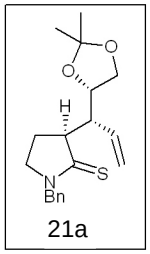
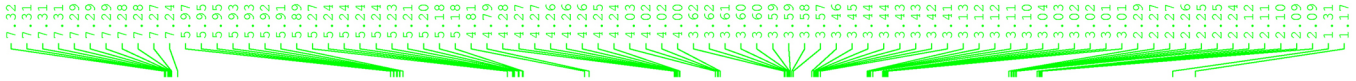
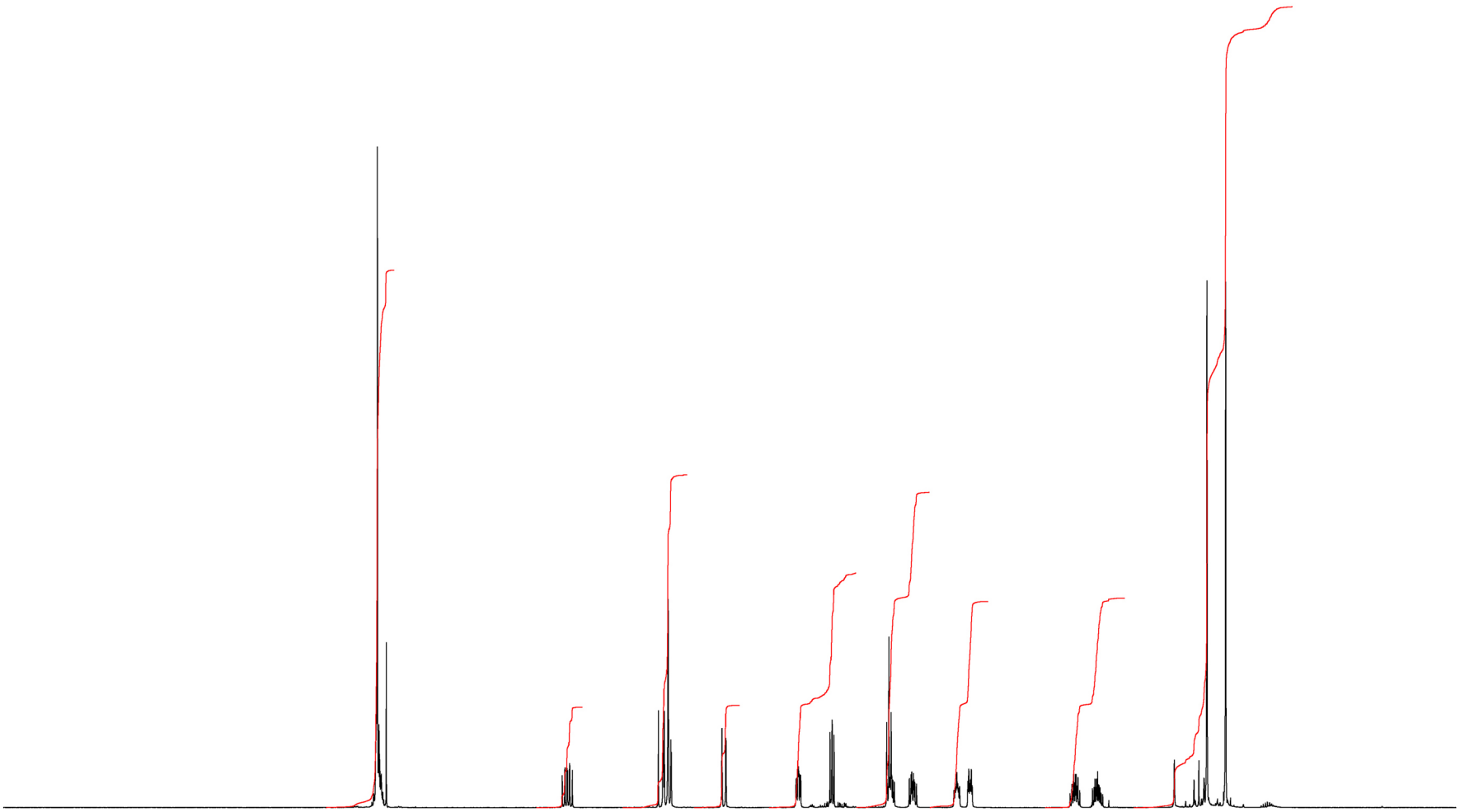
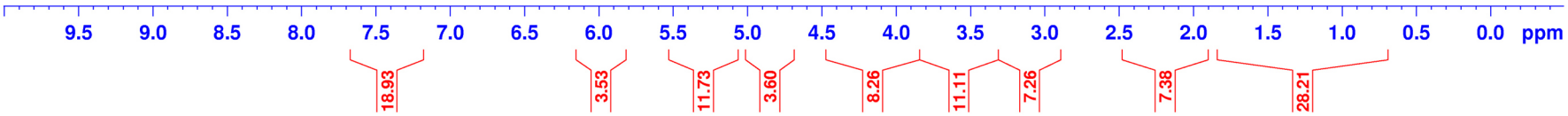
This journal is © The Royal Society of Chemistry 2013



21a

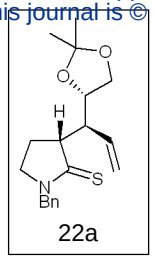




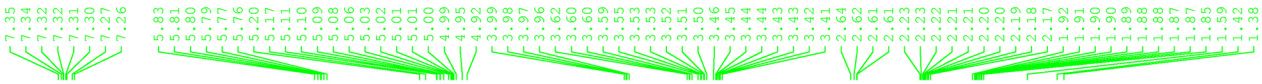


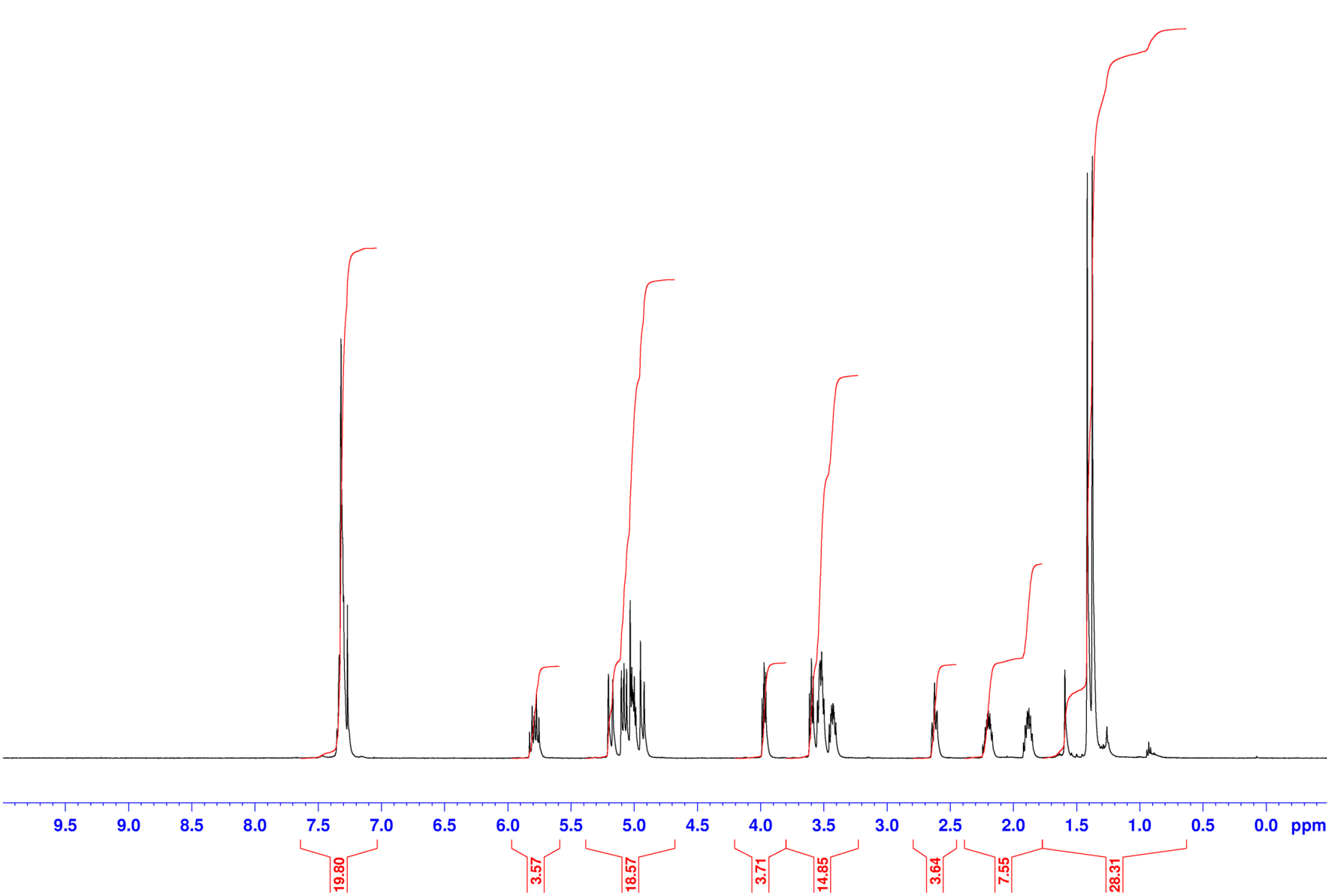

```
NAME                 Mar19-2008
EXPNO                        20
PROCNO                        1
Date_                  20080319
Time                      15.04
INSTRUM                 drx500
PROBHD       5 mm Multinu
PULPROG                   zg30
TD                       82642
SOLVENT                  CDCl3
NS                          16
DS                           2
SWH                10330.578 Hz
FIDRES              0.125004 Hz
AQ                  3.9999712 sec
RG                         181
DW                      48.400 use
DE                       6.00 use
TE                      300.0 K
D1                  1.00000000 sec

============ CHANNEL f1 ===
NUC1                        1H
P1                       15.50 use
PL1                       0.00 dB
SFO1             500.1330885 MHz
SI                       65536
SF               500.1300251 MHz
WDW                         EM
SSB                          0
LB                        0.30 Hz
GB                           0
PC                        1.00
```

This journal is © The Royal Society of Chemistry 2013



22a

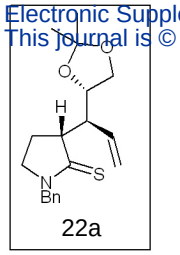




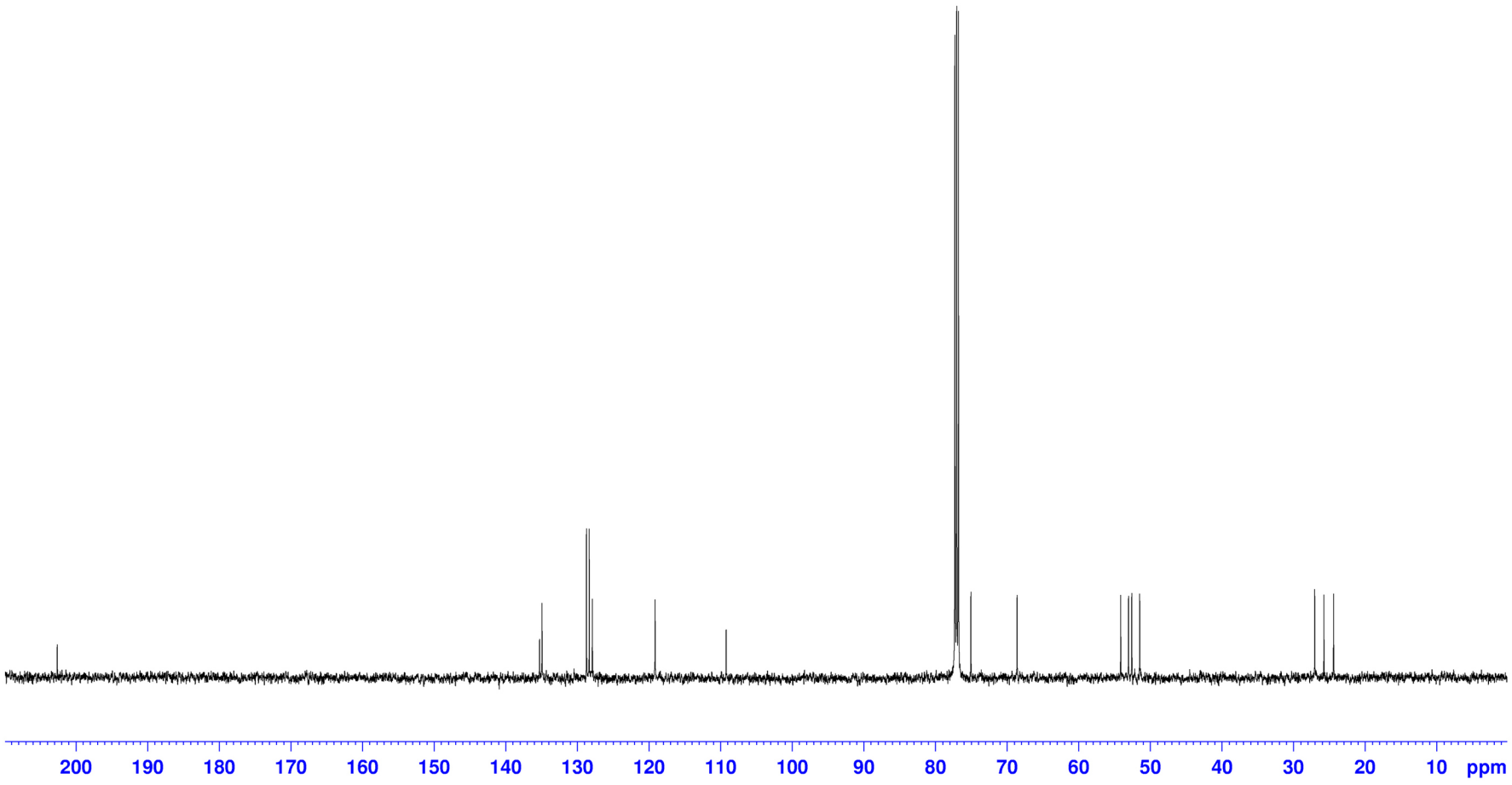
BRUKER

NAME	Apr09-2008
EXPNO	60
PROCNO	1
Date_	20080409
Time	16.36
INSTRUM	drx500
PROBHD	5 mm Multinu
PULPROG	zg30
TD	82642
SOLVENT	CDCl3
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.125004 Hz
AQ	3.9999712 sec
RG	287.4
DW	48.400 use
DE	6.00 use
TE	300.0 K
D1	1.00000000 sec
==========	CHANNEL f1 ===
NUC1	1H
P1	15.50 use
PL1	0.00 dB
SFO1	500.1330885 MHz
SI	65536
SF	500.1300092 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

This journal is © The Royal Society of Chemistry 2013

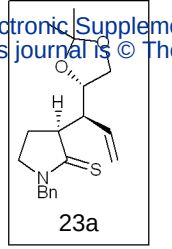


22a

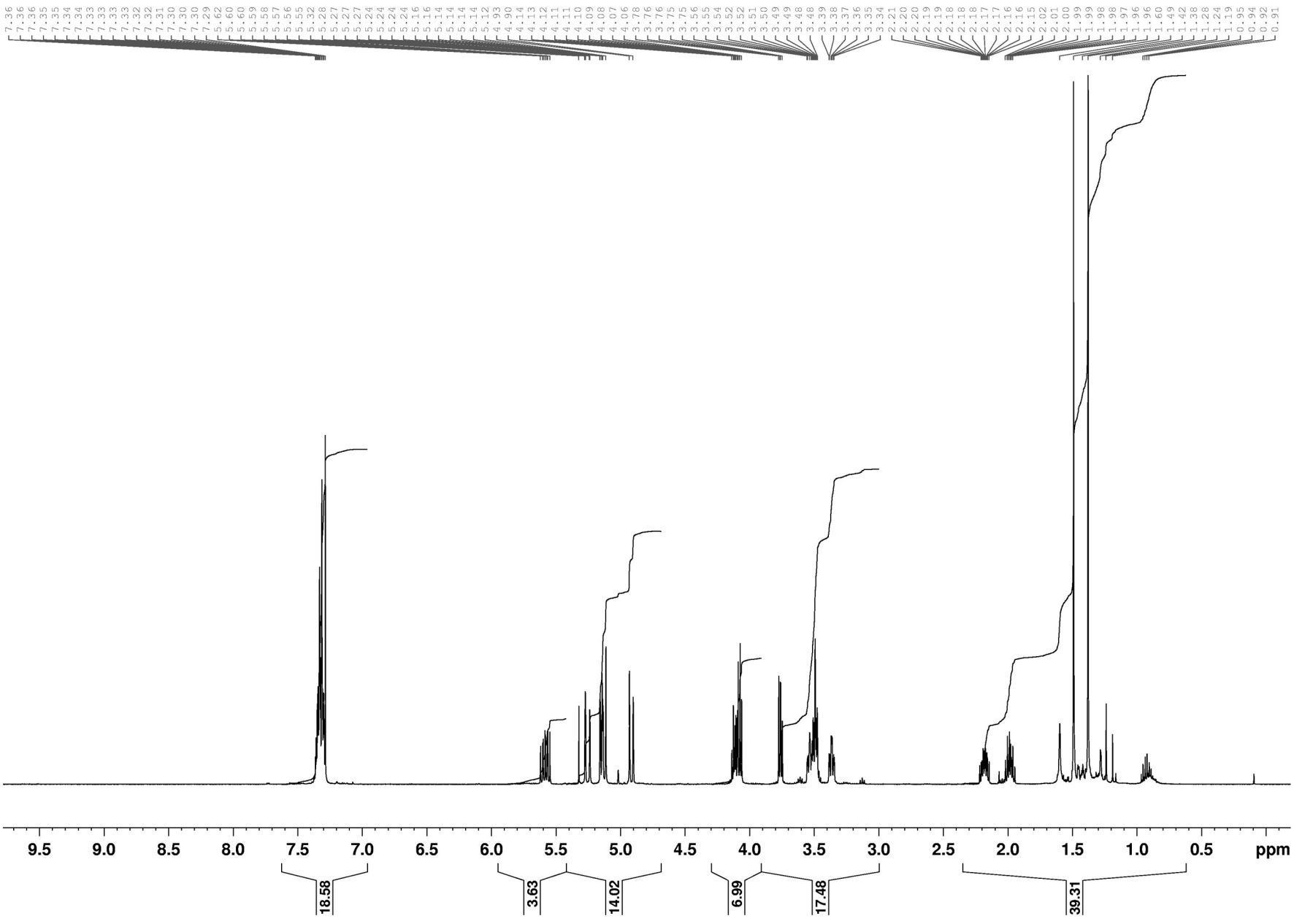


NAME	Apr09-2008
EXPNO	64
PROCNO	1
Date_	20080409
Time	20.13
INSTRUM	drx500
PROBHD	5 mm Multinu
PULPROG	zgpg30
TD	65536
SOLVENT	CDCl3
NS	256
DS	4
SWH	31446.541 Hz
FIDRES	0.479836 Hz
AQ	1.0420883 sec
RG	3649.1
DW	15.900 use
DE	6.00 use
TE	300.0 K
D1	2.00000000 sec
d11	0.03000000 sec
d12	0.00002000 sec
========== CHANNEL f1 ===	
NUC1	13C
P1	5.50 use
PL1	0.00 dB
SFO1	125.7715719 MHz
========== CHANNEL f2 ===	
CPDPRG2	waltz16
NUC2	1H
PCPD2	95.00 use
PL2	0.00 dB
PL12	19.00 dB
PL13	19.00 dB
SFO2	500.1320005 MHz
SI	32768
SF	125.7577814 MHz
WDW	EM
SSB	0
LB	3.00 Hz
GB	0
PC	1.40

This journal is © The Royal Society of Chemistry 2013



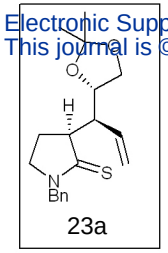
23a



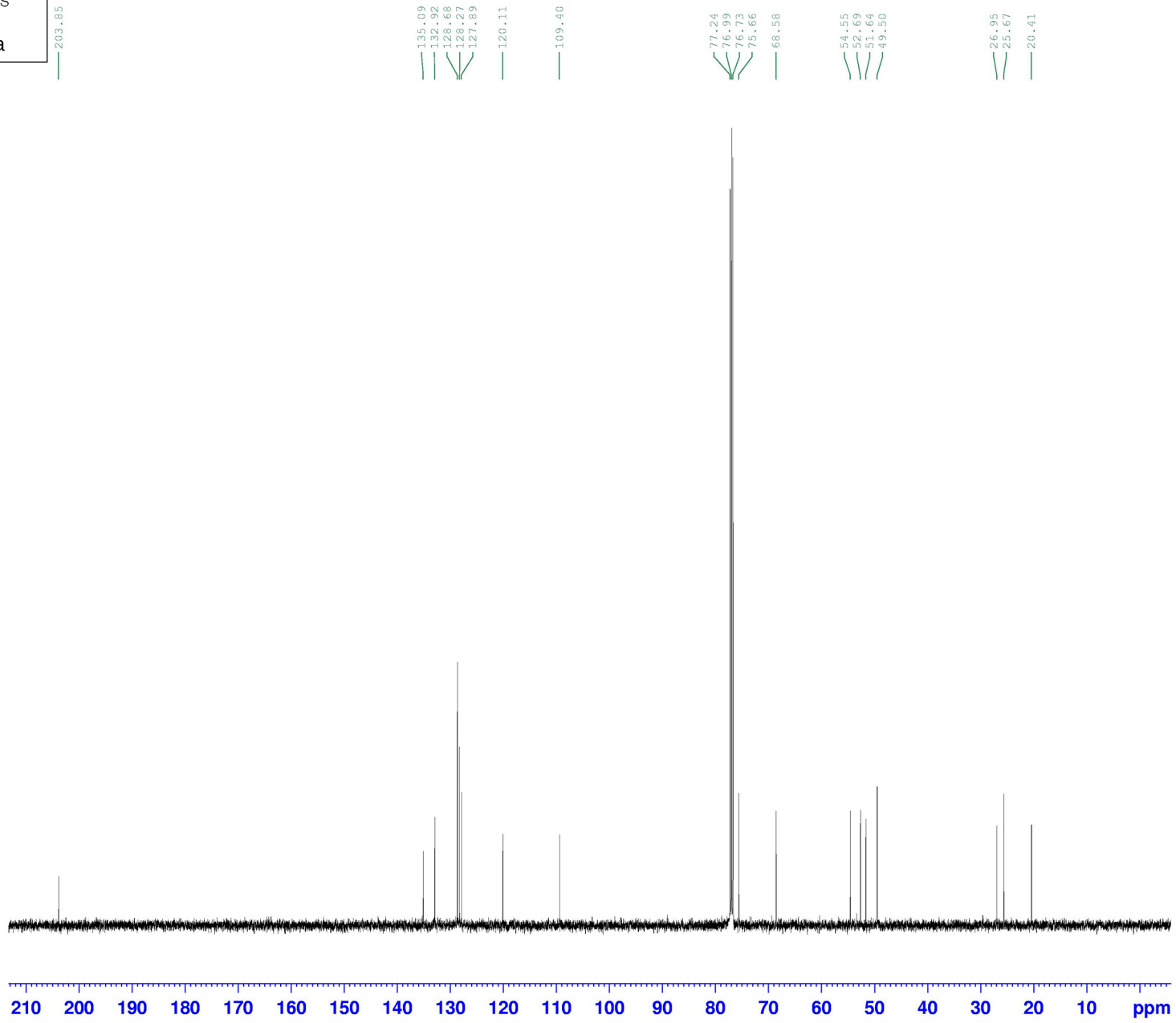
BRUKER

NAME	Apr23-2008
EXPNO	50
PROCNO	1
Date_	20080423
Time	10.38
INSTRUM	drx500
PROBHD	5 mm Multinu
PULPROG	zg30
TD	82642
SOLVENT	CDCl3
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.125004 Hz
AQ	3.9999712 sec
RG	287.4
DW	48.400 use
DE	6.00 use
TE	300.0 K
D1	1.00000000 sec
==========	CHANNEL f1 ===
NUC1	1H
P1	15.50 use
PL1	0.00 dB
SFO1	500.1330885 MHz
SI	65536
SF	500.1300000 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

This journal is © The Royal Society of Chemistry 2013

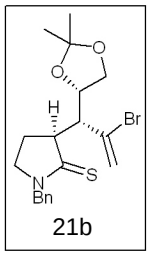


23a

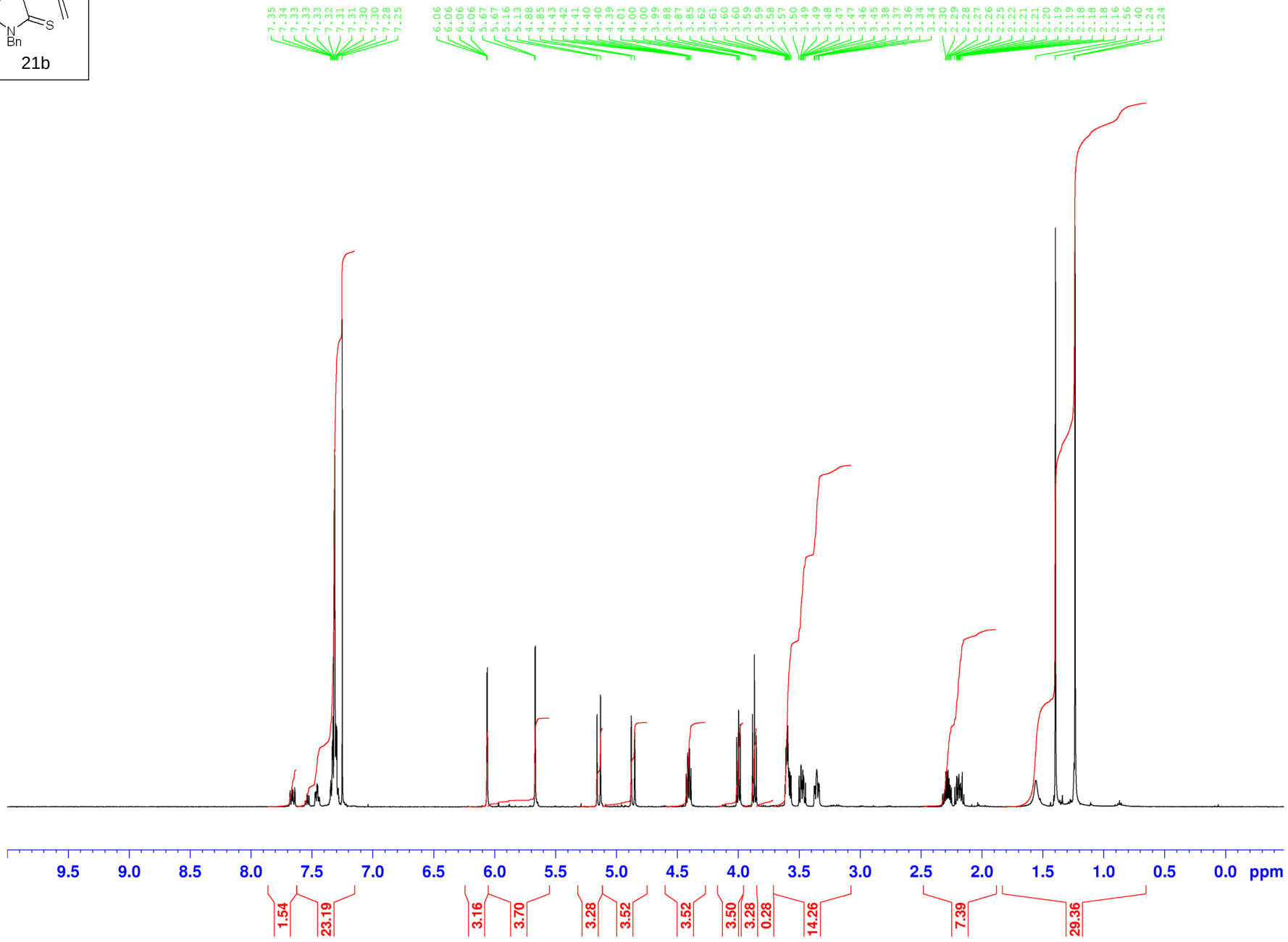


NAME	May19-2008	
EXPNO	44	
PROCNO	1	
Date_	20080519	
Time	19.01	
INSTRUM	drx500	
PROBHD	5 mm Multinu	
PULPROG	zgpg30	
TD	65536	
SOLVENT	CDCl3	
NS	256	
DS	4	
SWH	31446.541	Hz
FIDRES	0.479836	Hz
AQ	1.0420883	sec
RG	8192	
DW	15.900	usec
DE	6.00	usec
TE	300.0	K
D1	2.00000000	sec
d11	0.03000000	sec
d12	0.00002000	sec
========== CHANNEL f1 ==========		
NUC1	13C	
P1	5.50	usec
PL1	0.00	dB
SFO1	125.7715719	MHz
========== CHANNEL f2 ==========		
CPDPRG2	waltz16	
NUC2	1H	
PCPD2	95.00	usec
PL2	0.00	dB
PL12	19.00	dB
PL13	19.00	dB
SFO2	500.1320005	MHz
SI	32768	
SF	125.7577949	MHz
WDW	EM	
SSB	0	
LB	1.00	Hz
GB	0	
PC	1.40	

This journal is © The Royal Society of Chemistry 2013



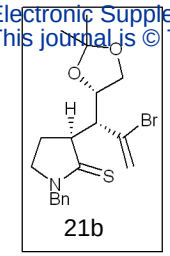
21b



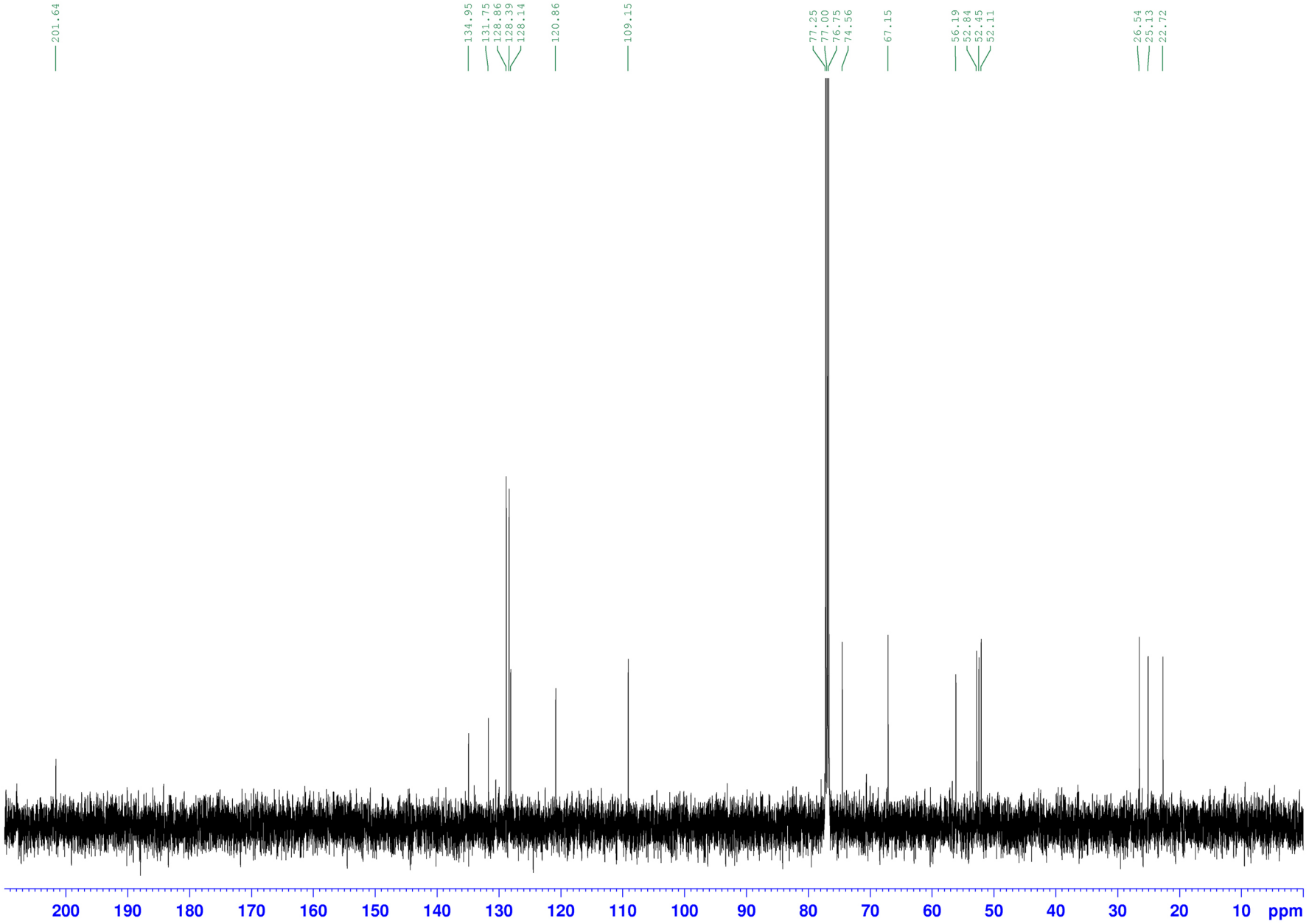
BRUKER

NAME	Apr09-2008
EXPNO	40
PROCNO	1
Date_	20080409
Time	16.05
INSTRUM	drx500
PROBHD	5 mm Multinu
PULPROG	zg30
TD	82642
SOLVENT	CDCl3
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.125004 Hz
AQ	3.9999712 sec
RG	456.1
DW	48.400 use
DE	6.00 use
TE	300.0 K
D1	1.00000000 sec
==========	CHANNEL f1 ===
NUC1	1H
P1	15.50 use
PL1	0.00 dB
SFO1	500.1330885 MHz
SI	65536
SF	500.1300174 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

This journal is © The Royal Society of Chemistry 2013

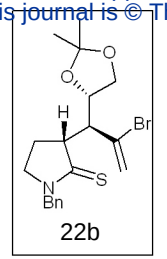


21b

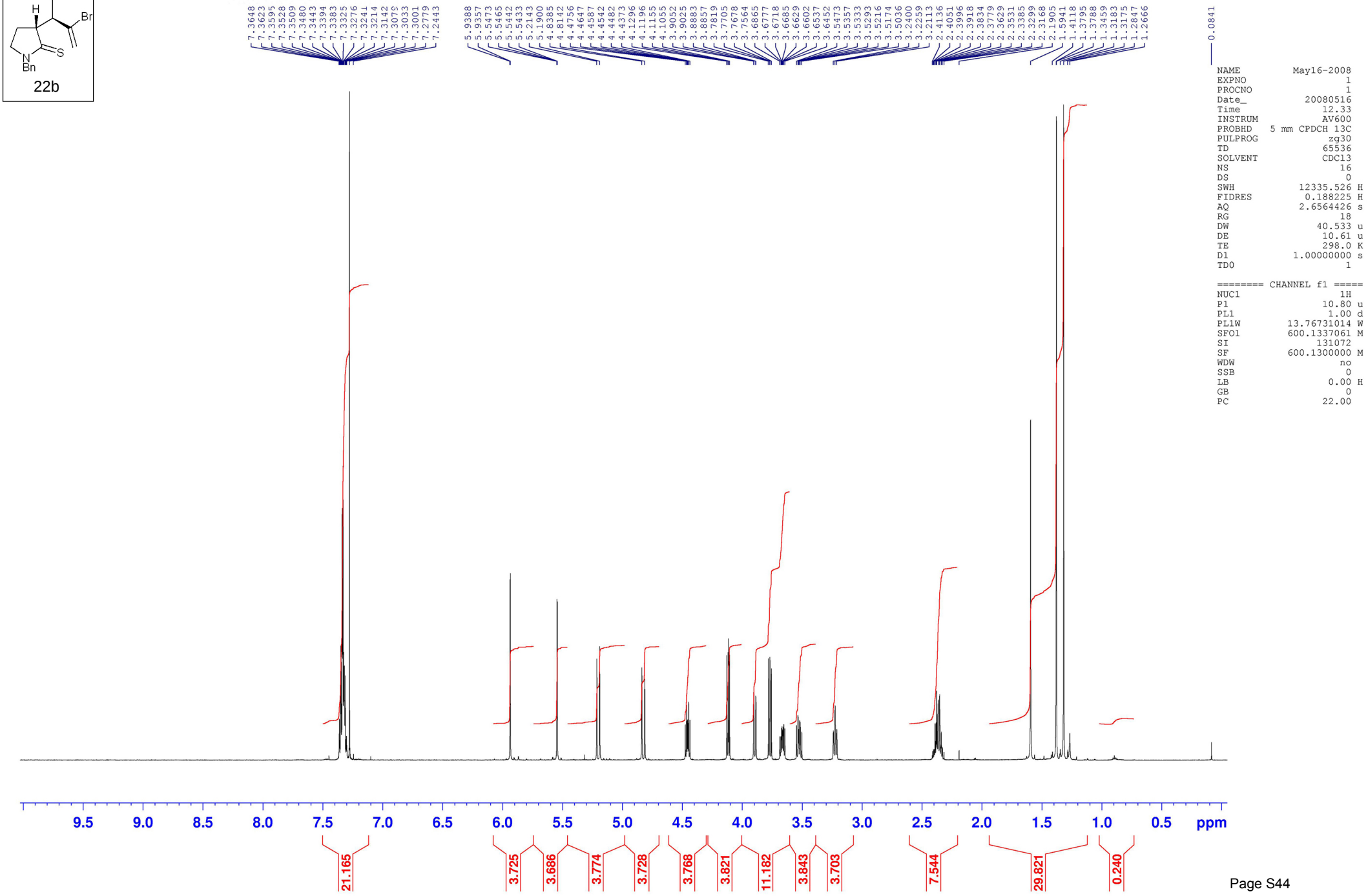


NAME	ae066minor
EXPNO	2
PROCNO	1
Date_	20080303
Time	11.53
INSTRUM	drx500
PROBHD	5 mm Multinu
PULPROG	zgpg30
TD	65536
SOLVENT	CDCl3
NS	146
DS	4
SWH	31446.541 Hz
FIDRES	0.479836 Hz
AQ	1.0420883 sec
RG	3649.1
DW	15.900 use
DE	6.00 use
TE	300.0 K
D1	2.00000000 sec
d11	0.03000000 sec
d12	0.00002000 sec
========== CHANNEL f1	===
NUC1	13C
P1	5.00 use
PL1	0.00 dB
SFO1	125.7715719 MHz
========== CHANNEL f2	===
CPDPRG2	waltz16
NUC2	1H
PCPD2	95.00 use
PL2	0.00 dB
PL12	19.00 dB
PL13	19.00 dB
SFO2	500.1320005 MHz
SI	131072
SF	125.7577913 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

This journal is © The Royal Society of Chemistry 2013

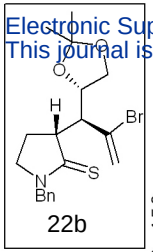


22b

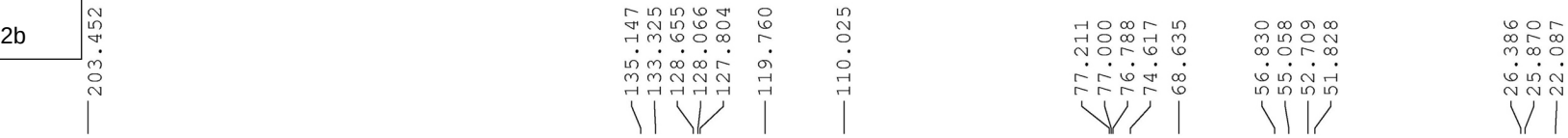


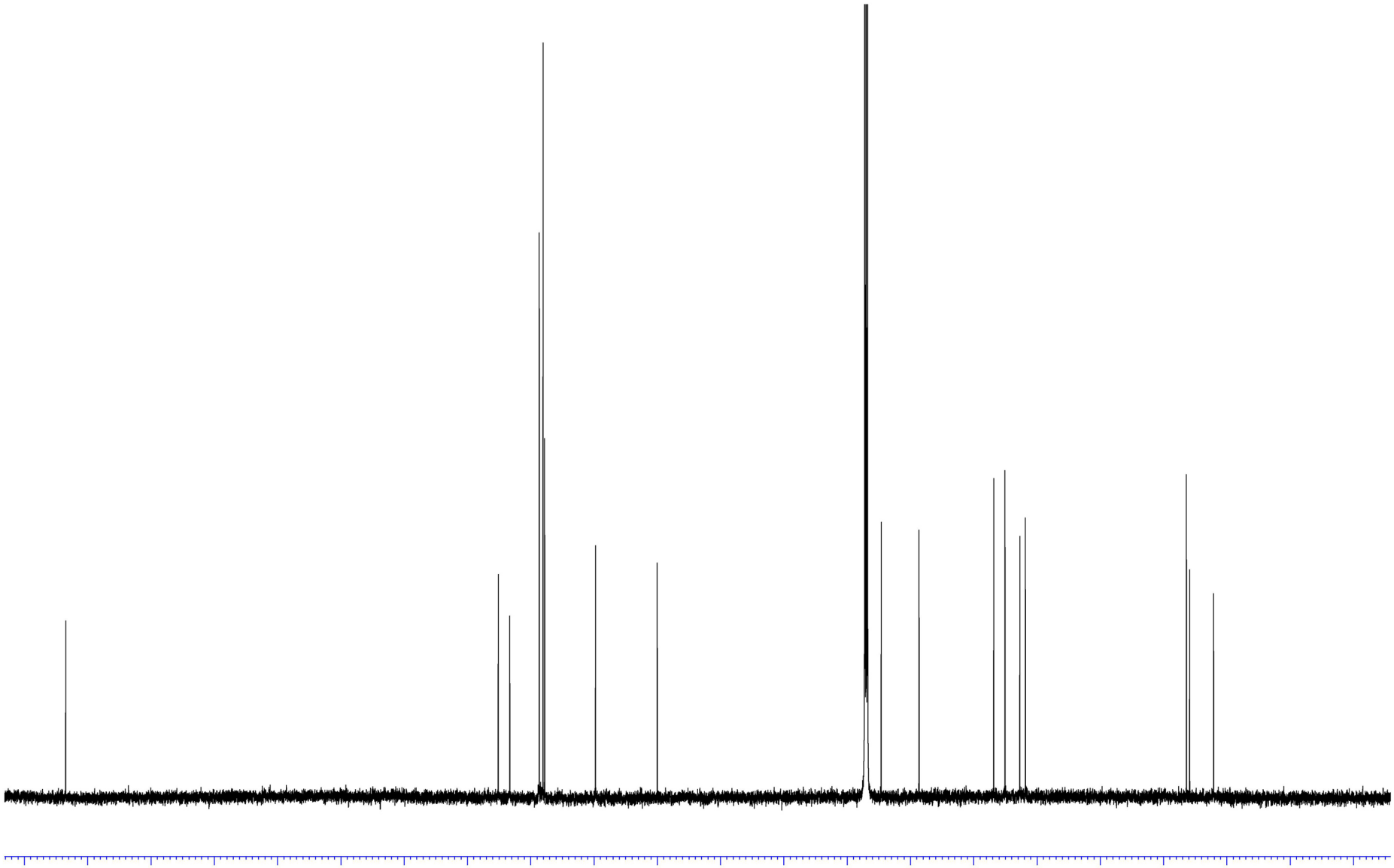
NAME	May16-2008
EXPNO	1
PROCNO	1
Date_	20080516
Time	12.33
INSTRUM	AV600
PROBHD	5 mm CPDCH 13C
PULPROG	zg30
TD	65536
SOLVENT	CDCl3
NS	16
DS	0
SWH	12335.526 H
FIDRES	0.188225 H
AQ	2.6564426 s
RG	18
DW	40.533 u
DE	10.61 u
TE	298.0 K
D1	1.00000000 s
TD0	1
======== CHANNEL f1 =====	
NUC1	1H
P1	10.80 u
PL1	1.00 d
PL1W	13.76731014 W
SFO1	600.1337061 M
SI	131072
SF	600.1300000 M
WDW	no
SSB	0
LB	0.00 H
GB	0
PC	22.00

This journal is © The Royal Society of Chemistry 2013



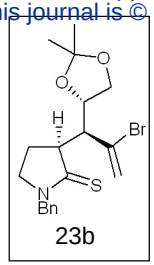
22b



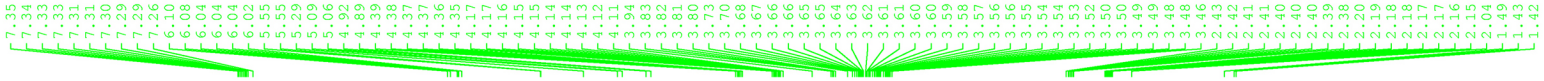


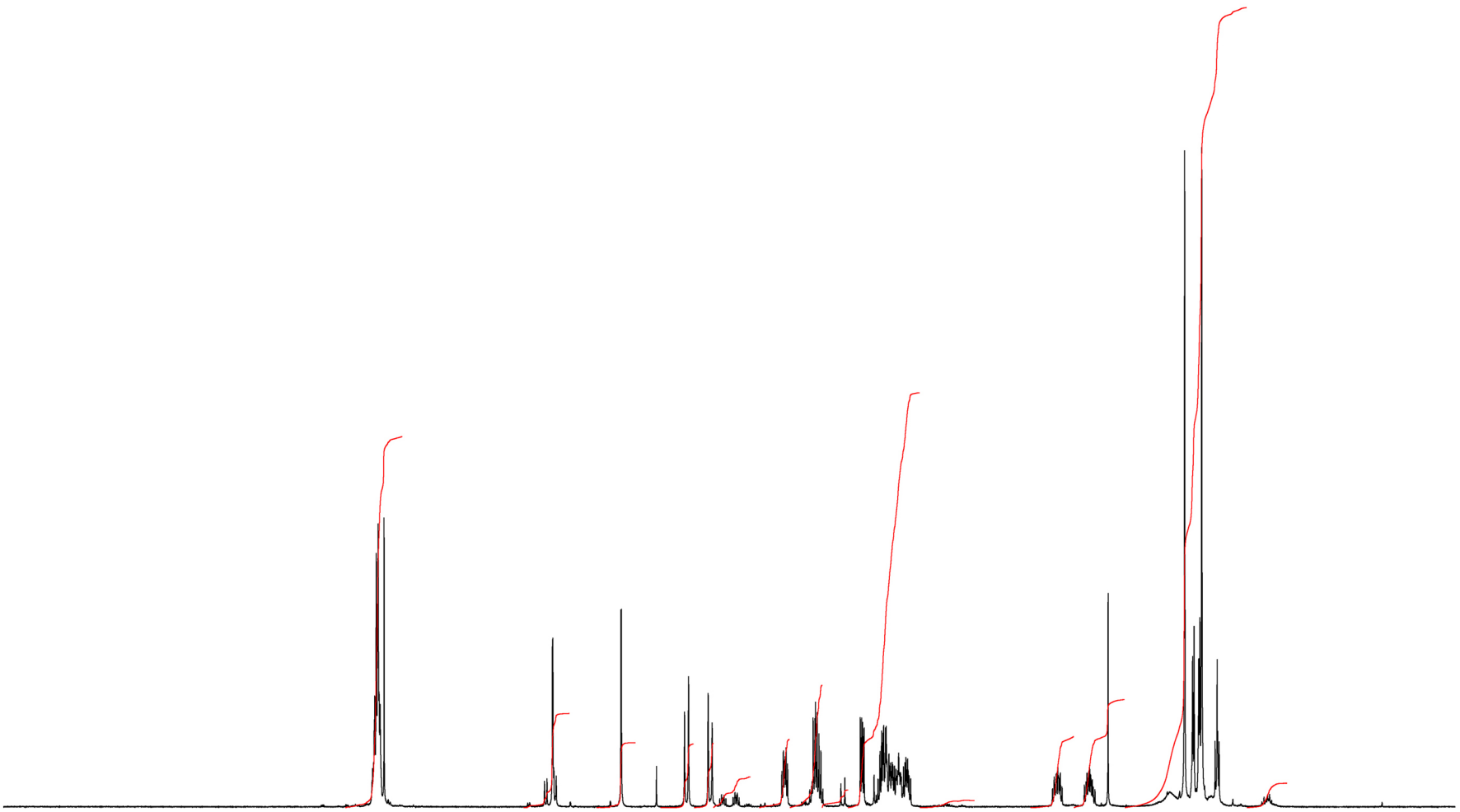

```
NAME            May16-2008
EXPNO                    2
PROCNO                   1
Date_             20080516
Time                 12.40
INSTRUM              AV600
PROBHD   5 mm CPDCH 13C
PULPROG              zgpg30
TD                    65536
SOLVENT               CDCl3
NS                      128
DS                        0
SWH               36057.691 H
FIDRES             0.550197 H
AQ                 0.9088159 s
RG                      1030
DW                   13.867 u
DE                    21.55 u
TE                    298.0 K
D1              2.00000000 s
D11             0.03000000 s
TD0                       1

======== CHANNEL f1 =====
NUC1                    13C
P1                    9.80 u
PL1                   5.00 d
PL1W          26.76886177 W
SFO1         150.9178981 M

======== CHANNEL f2 =====
CPDPRG2            waltz16
NUC2                    1H
PCPD2                70.00 u
PL2                   1.00 d
PL12                 17.23 d
PL13                120.00 d
PL2W          13.76731014 W
PL12W          0.32798135 W
PL13W          0.00000000 W
SFO2         600.1324005 M
SI                    32768
SF           150.9028140 M
WDW                     EM
SSB                      0
LB                    1.00 H
GB                       0
PC                    1.40
```

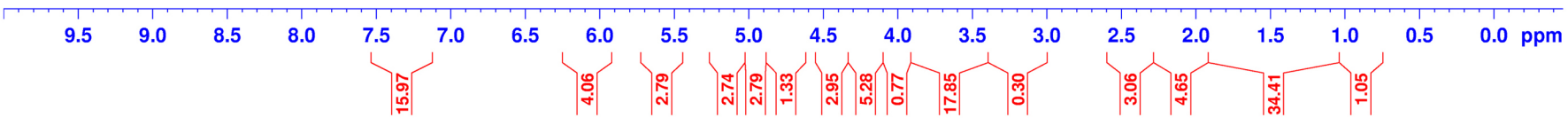
This journal is © The Royal Society of Chemistry 2013



23b

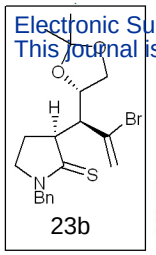




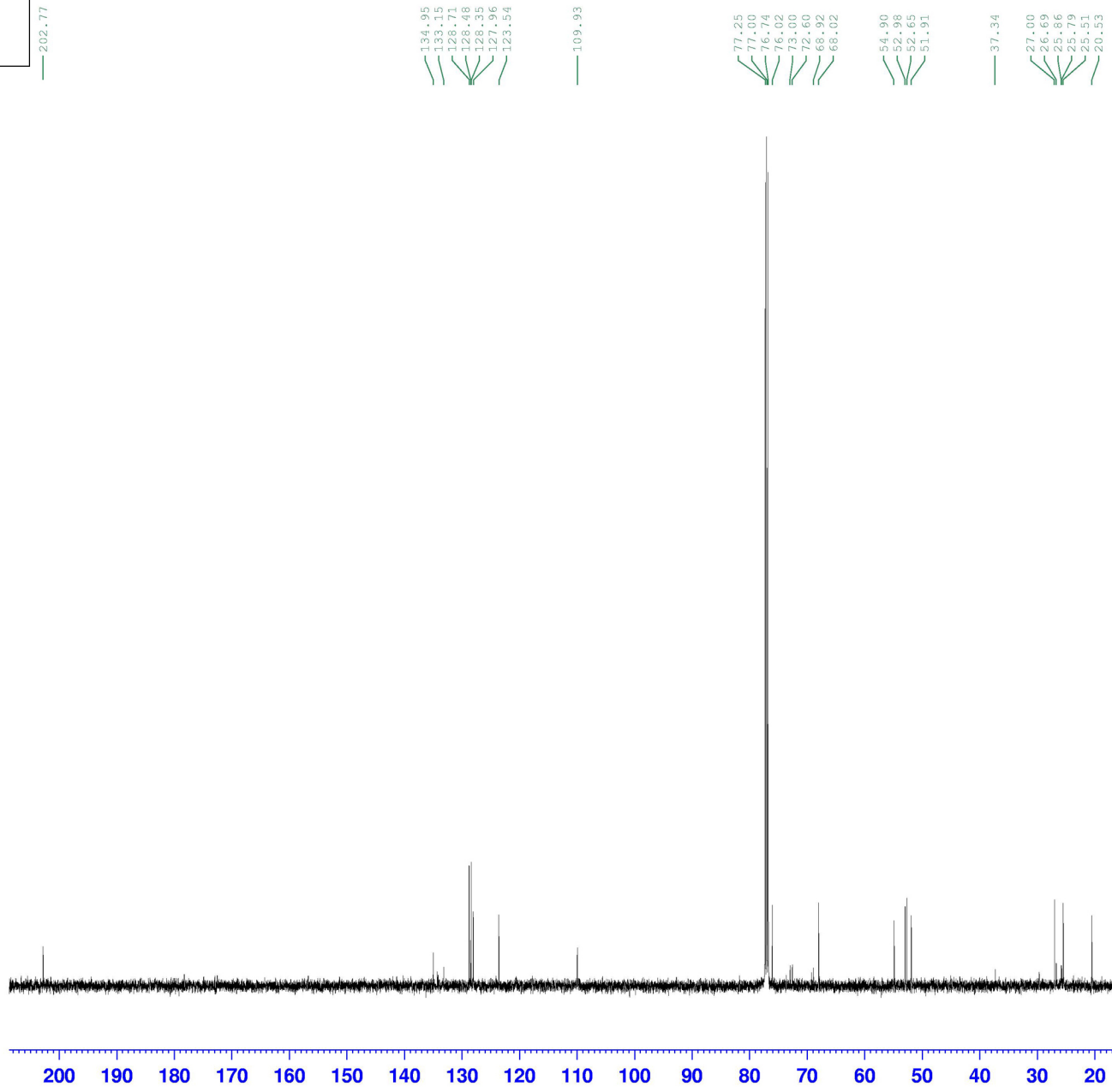


NAME	Apr23-2008
EXPNO	60
PROCNO	1
Date_	20080423
Time	11.13
INSTRUM	drx500
PROBHD	5 mm Multinu
PULPROG	zg30
TD	82642
SOLVENT	CDCl3
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.125004 Hz
AQ	3.9999712 sec
RG	287.4
DW	48.400 use
DE	6.00 use
TE	300.0 K
D1	1.00000000 sec
==========	CHANNEL f1 ===
NUC1	1H
P1	15.50 use
PL1	0.00 dB
SFO1	500.1330885 MHz
SI	65536
SF	500.1300145 MHz
WDW	no
SSB	0
LB	0.00 Hz
GB	0
PC	1.00

This journal is © The Royal Society of Chemistry 2013

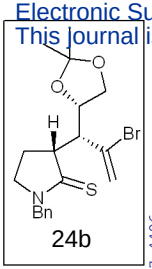


23b

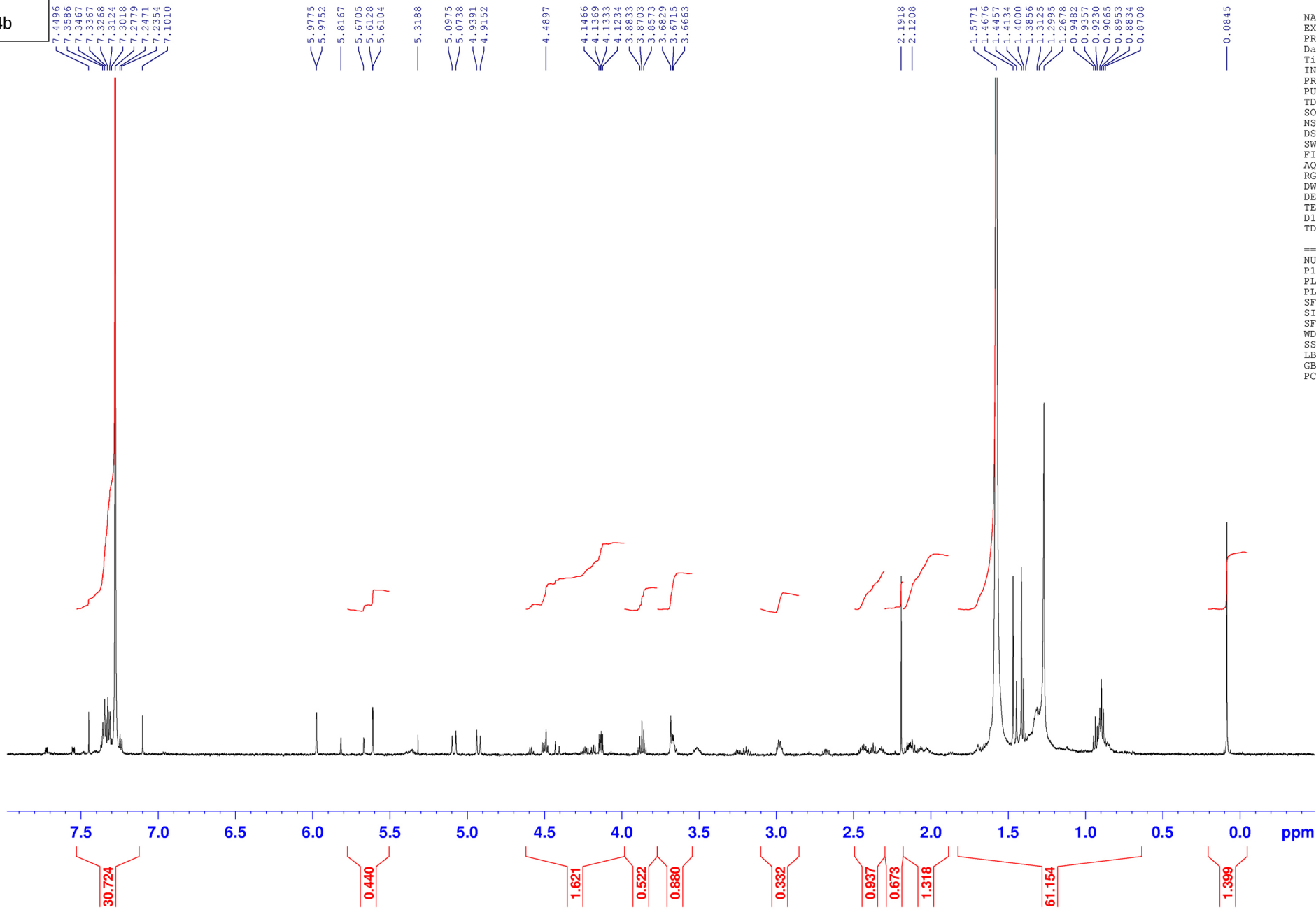


NAME	Apr23-2008	
EXPNO	84	
PROCNO	1	
Date_	20080423	
Time	13.42	
INSTRUM	drx500	
PROBHD	5 mm Multinu	
PULPROG	zgpg30	
TD	65536	
SOLVENT	CDCl3	
NS	256	
DS	4	
SWH	31446.541	Hz
FIDRES	0.479836	Hz
AQ	1.0420883	sec
RG	3649.1	
DW	15.900	usec
DE	6.00	usec
TE	300.0	K
D1	2.00000000	sec
d11	0.03000000	sec
d12	0.00002000	sec
========== CHANNEL f1 ==========		
NUC1	13C	
P1	5.50	usec
PL1	0.00	dB
SFO1	125.7715719	MHz
========== CHANNEL f2 ==========		
CPDPRG2	waltz16	
NUC2	1H	
PCPD2	95.00	usec
PL2	0.00	dB
PL12	19.00	dB
PL13	19.00	dB
SFO2	500.1320005	MHz
SI	32768	
SF	125.7577925	MHz
WDW	EM	
SSB	0	
LB	1.00	Hz
GB	0	
PC	1.40	

This journal is © The Royal Society of Chemistry 2013

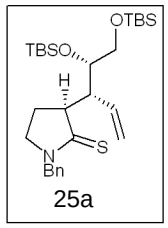


24b

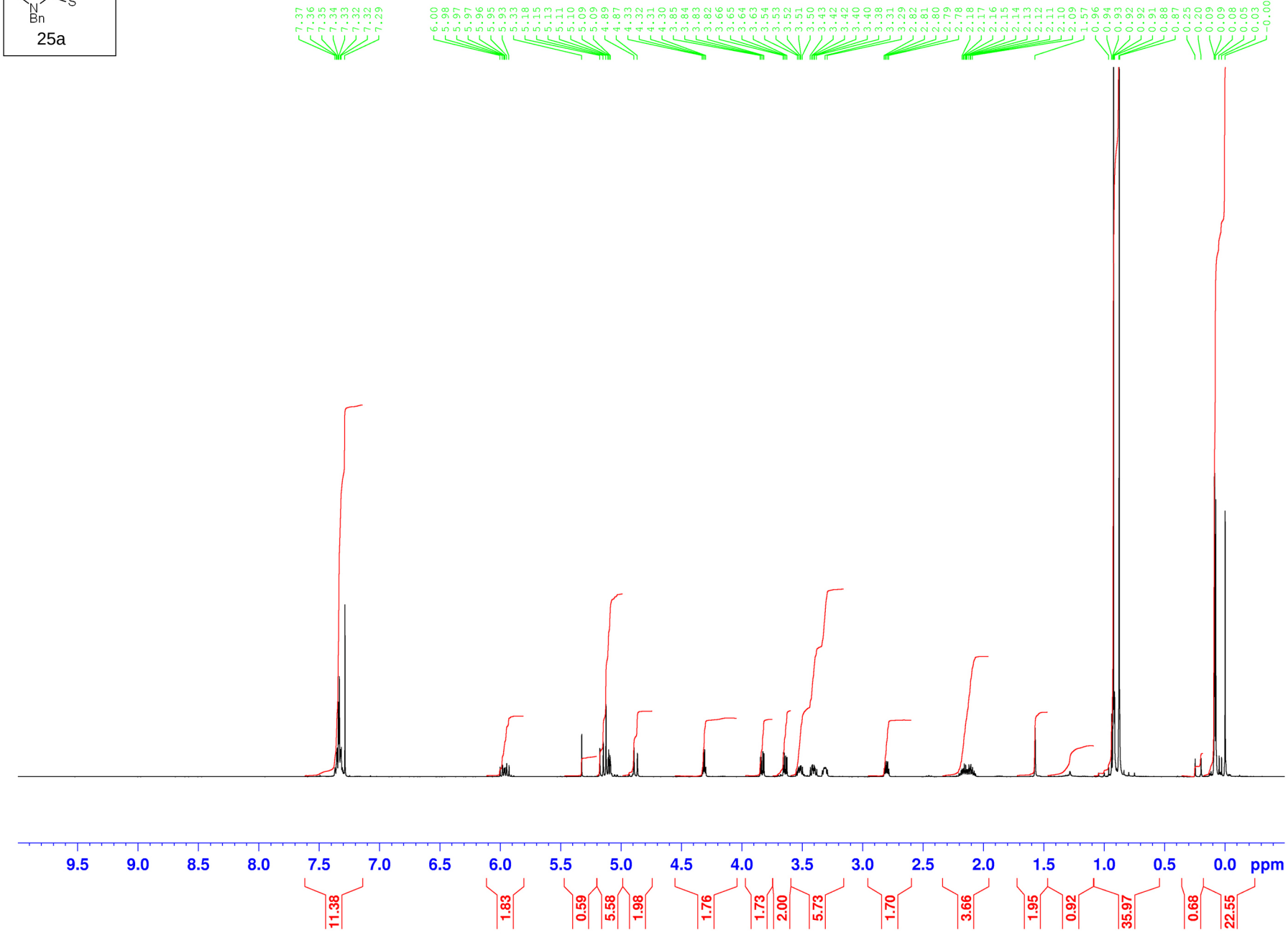



```
NAME                ae098
EXPNO                   1
PROCNO                  1
Date_            20080421
Time                19.24
INSTRUM             AV600
PROBHD    5 mm CPDCH 13C
PULPROG              zg30
TD                  65536
SOLVENT             CDCl3
NS                     16
DS                      0
SWH           12335.526 H
FIDRES         0.188225 H
AQ            2.6564426 s
RG                  28.5
DW                40.533 u
DE                10.61 u
TE                298.0 K
D1           1.00000000 s
TD0                     1

======== CHANNEL f1 =====
NUC1                   1H
P1                 10.80 u
PL1                 1.00 d
PL1W         13.76731014 W
SFO1         600.1337061 M
SI                  32768
SF           600.1300000 M
WDW                   EM
SSB                    0
LB                 0.30 H
GB                     0
PC                  1.40
```

This journal is © The Royal Society of Chemistry 2013

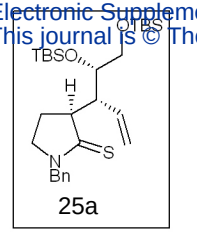


25a

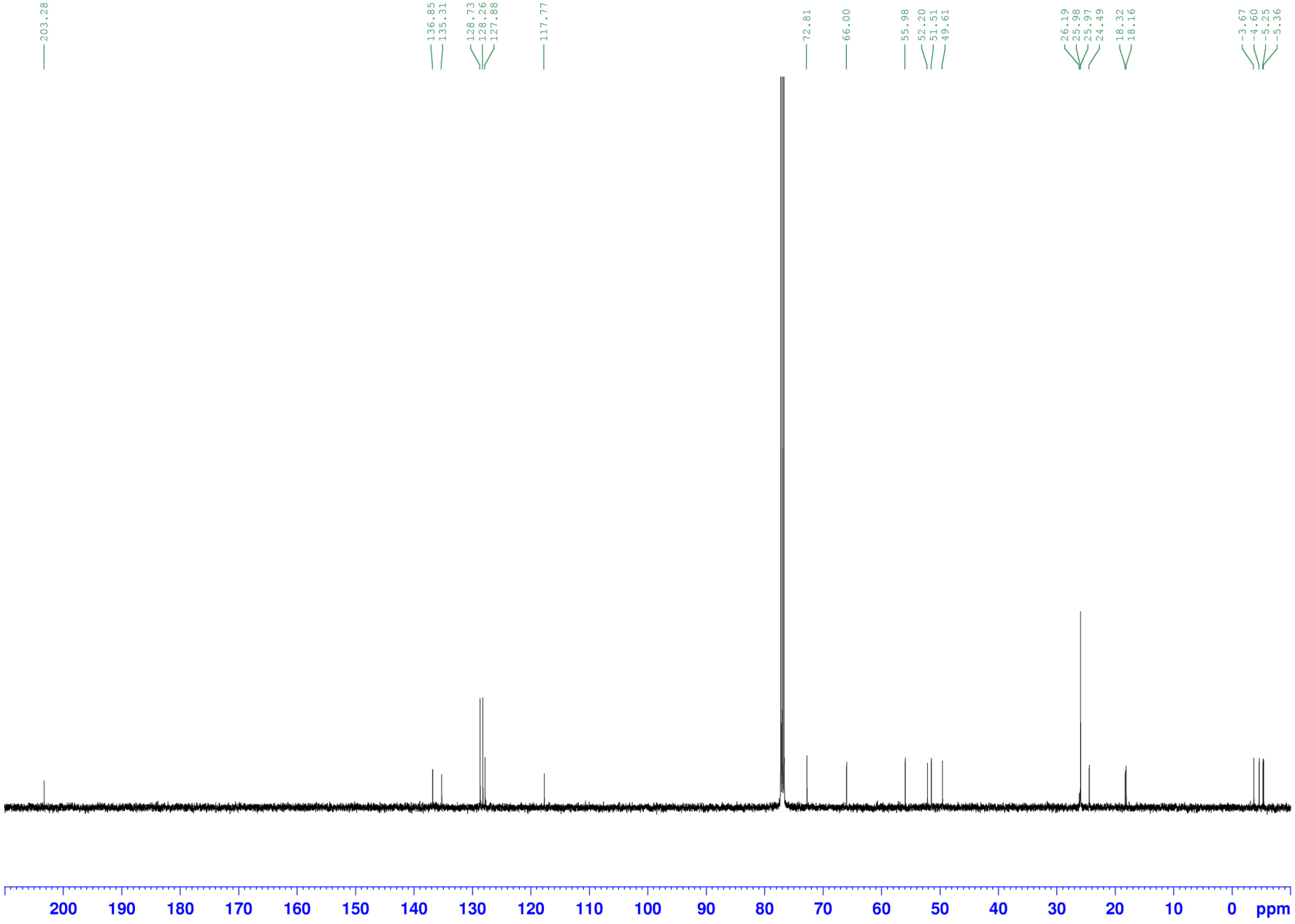



```
NAME                  AE39
EXPNO                    1
PROCNO                   1
Date_             20070207
Time                 8.22
INSTRUM            drx500
PROBHD     5 mm Multinu
PULPROG              zg30
TD                  82642
SOLVENT             CDCl3
NS                     16
DS                      2
SWH           10330.578 Hz
FIDRES         0.125004 Hz
AQ             3.9999712 sec
RG                 456.1
DW                48.400 use
DE                 6.00 use
TE                300.0 K
D1           1.00000000 sec

============ CHANNEL f1 ===
NUC1                   1H
P1                 14.80 use
PL1                 0.00 dB
SFO1        500.1330885 MHz
SI                131072
SF          500.1300000 MHz
WDW                   EM
SSB                    0
LB                 0.30 Hz
GB                     0
PC                 22.00
```

This journal is © The Royal Society of Chemistry 2013

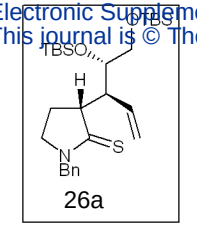


25a

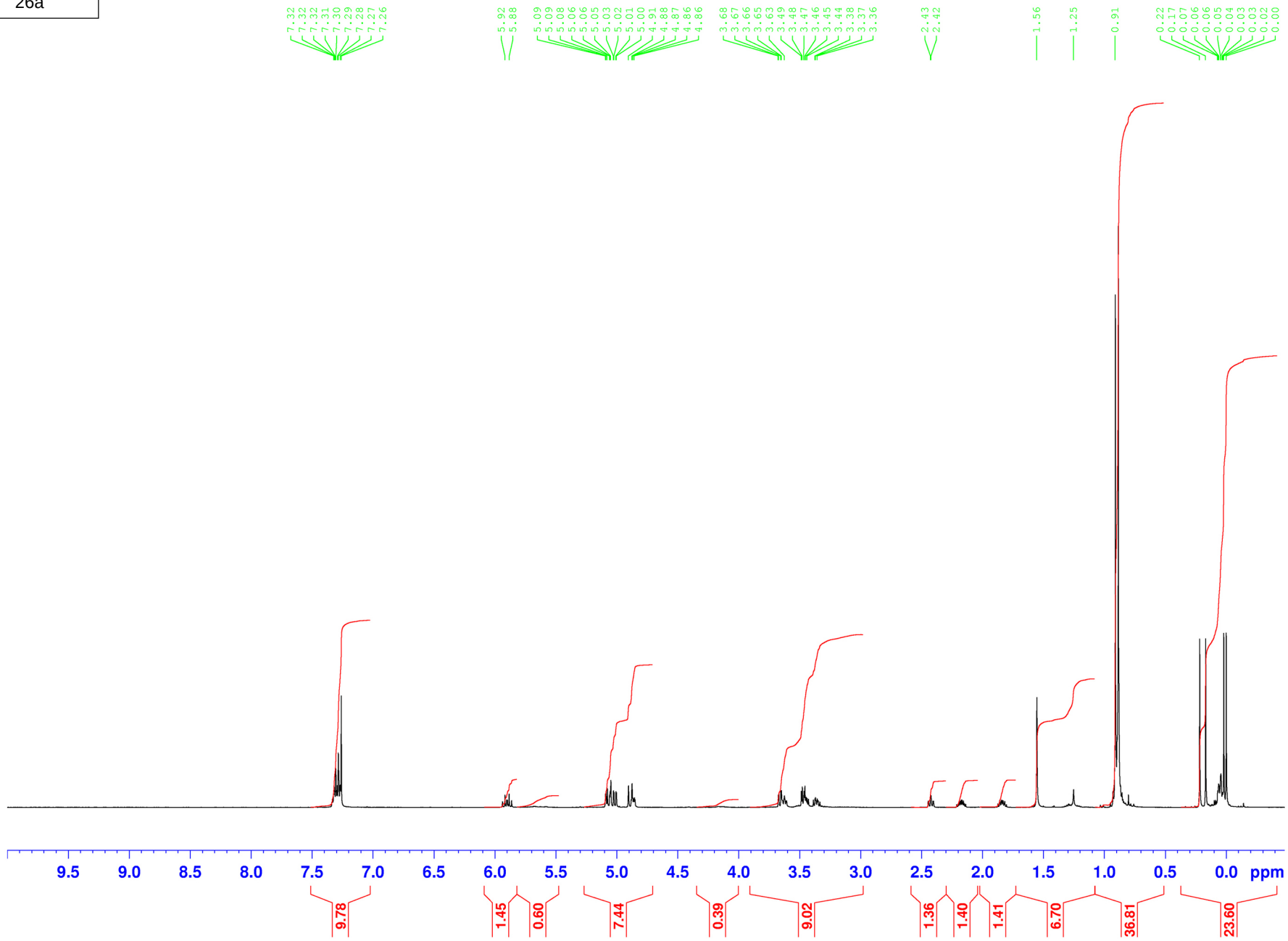


NAME	AE39
EXPNO	2
PROCNO	1
Date_	20070207
Time	9.03
INSTRUM	drx500
PROBHD	5 mm Multinu
PULPROG	zgpg30
TD	65536
SOLVENT	CDCl3
NS	1076
DS	4
SWH	31446.541 Hz
FIDRES	0.479836 Hz
AQ	1.0420883 sec
RG	4597.6
DW	15.900 use
DE	6.00 use
TE	300.0 K
D1	2.00000000 sec
d11	0.03000000 sec
d12	0.00002000 sec
========== CHANNEL f1	===
NUC1	13C
P1	5.10 use
PL1	0.00 dB
SFO1	125.7715719 MHz
========== CHANNEL f2	===
CPDPRG2	waltz16
NUC2	1H
PCPD2	95.00 use
PL2	0.00 dB
PL12	19.00 dB
PL13	19.00 dB
SFO2	500.1320005 MHz
SI	131072
SF	125.7577919 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

This journal is © The Royal Society of Chemistry 2013

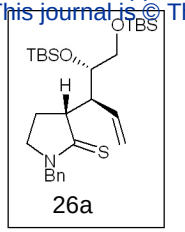


26a

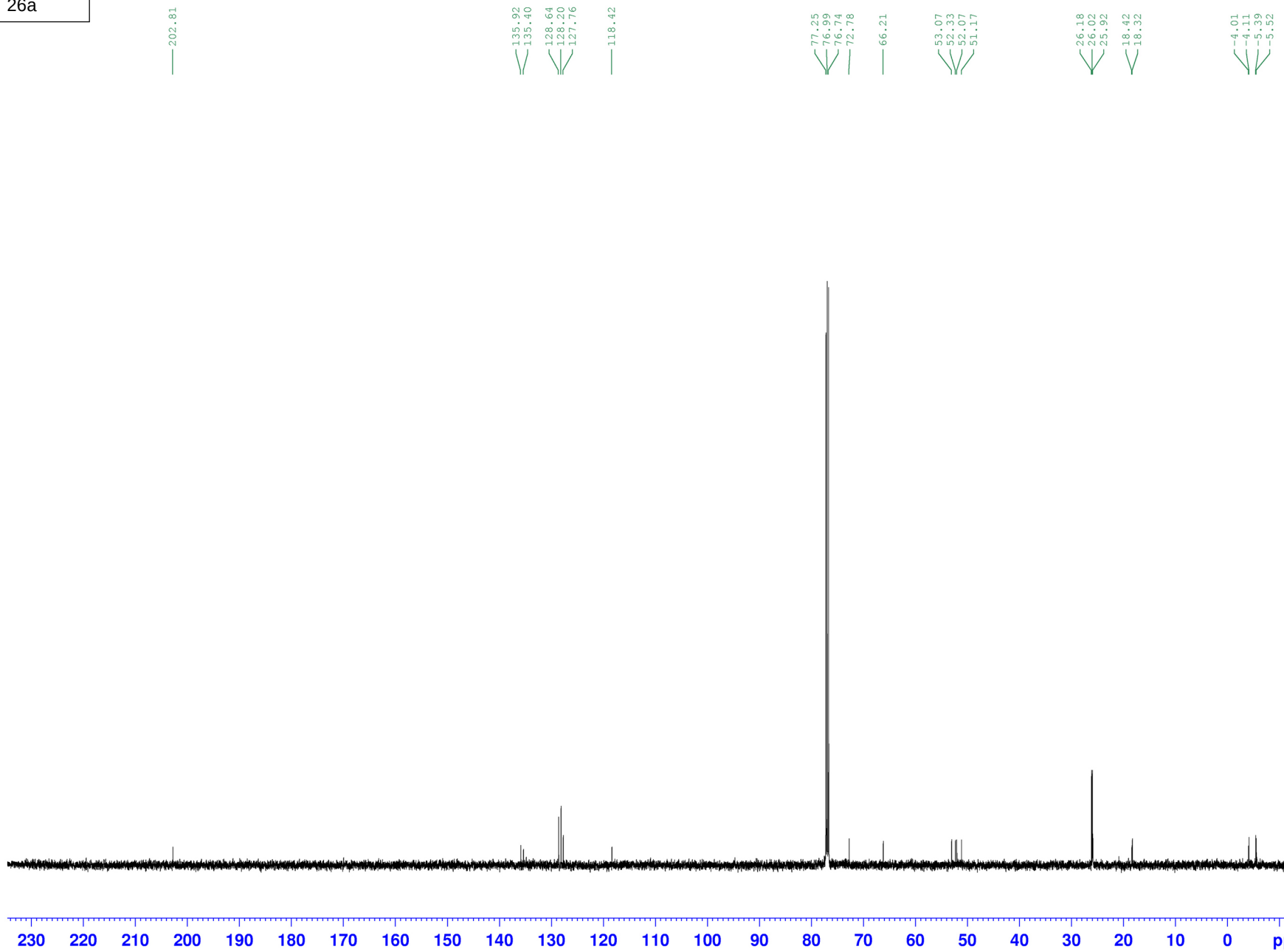



```
NAME                 May24-2008
EXPNO                        20
PROCNO                        1
Date_                  20080525
Time                      11.59
INSTRUM                  drx500
PROBHD       5 mm Multinu
PULPROG                   zg30
TD                       82642
SOLVENT                  CDCl3
NS                          16
DS                           2
SWH                10330.578 Hz
FIDRES              0.125004 Hz
AQ                  3.9999712 sec
RG                      322.5
DW                     48.400 use
DE                      6.00 use
TE                     300.0 K
D1                  1.00000000 sec

============ CHANNEL f1 ===
NUC1                        1H
P1                      15.50 use
PL1                      0.00 dB
SFO1           500.1330885 MHz
SI                       65536
SF             500.1300137 MHz
WDW                         EM
SSB                          0
LB                      0.33 Hz
GB                           0
PC                      1.00
```

This journal is © The Royal Society of Chemistry 2013



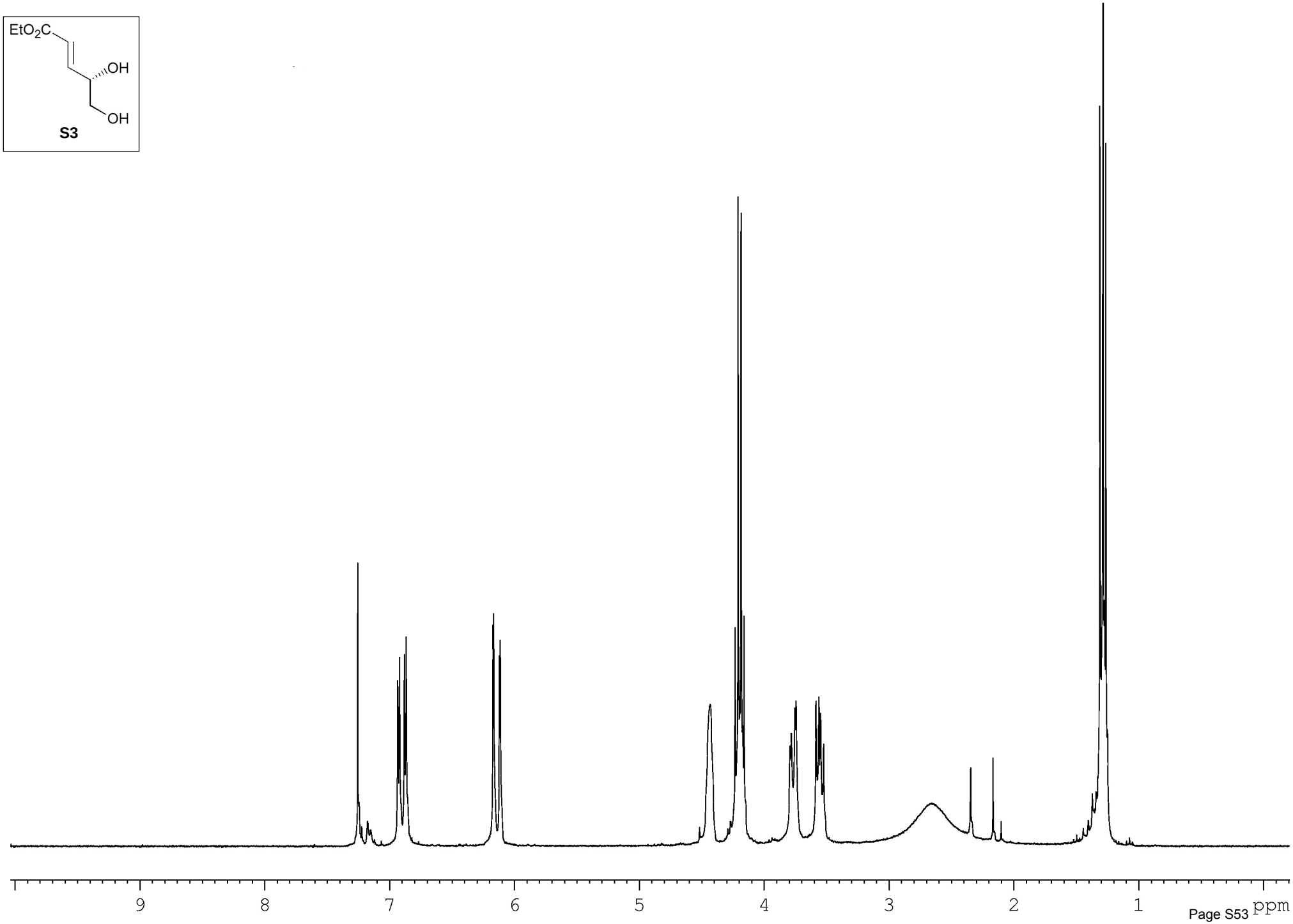
26a



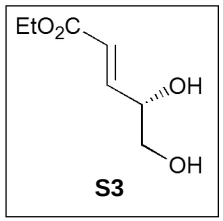
NAME	May24-2008
EXPNO	23
PROCNO	1
Date_	20080525
Time	12.46
INSTRUM	drx500
PROBHD	5 mm Multinu
PULPROG	zgpg30
TD	65536
SOLVENT	CDCl3
NS	256
DS	4
SWH	31446.541 Hz
FIDRES	0.479836 Hz
AQ	1.0420883 sec
RG	3649.1
DW	15.900 use
DE	6.00 use
TE	300.0 K
D1	2.00000000 sec
d11	0.03000000 sec
d12	0.00002000 sec
========== CHANNEL f1 ===	
NUC1	13C
P1	5.50 use
PL1	0.00 dB
SFO1	125.7715719 MHz
========== CHANNEL f2 ===	
CPDPRG2	waltz16
NUC2	1H
PCPD2	95.00 use
PL2	0.00 dB
PL12	19.00 dB
PL13	19.00 dB
SFO2	500.1320005 MHz
SI	32768
SF	125.7577922 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

This journal is © The Royal Society of Chemistry 2013

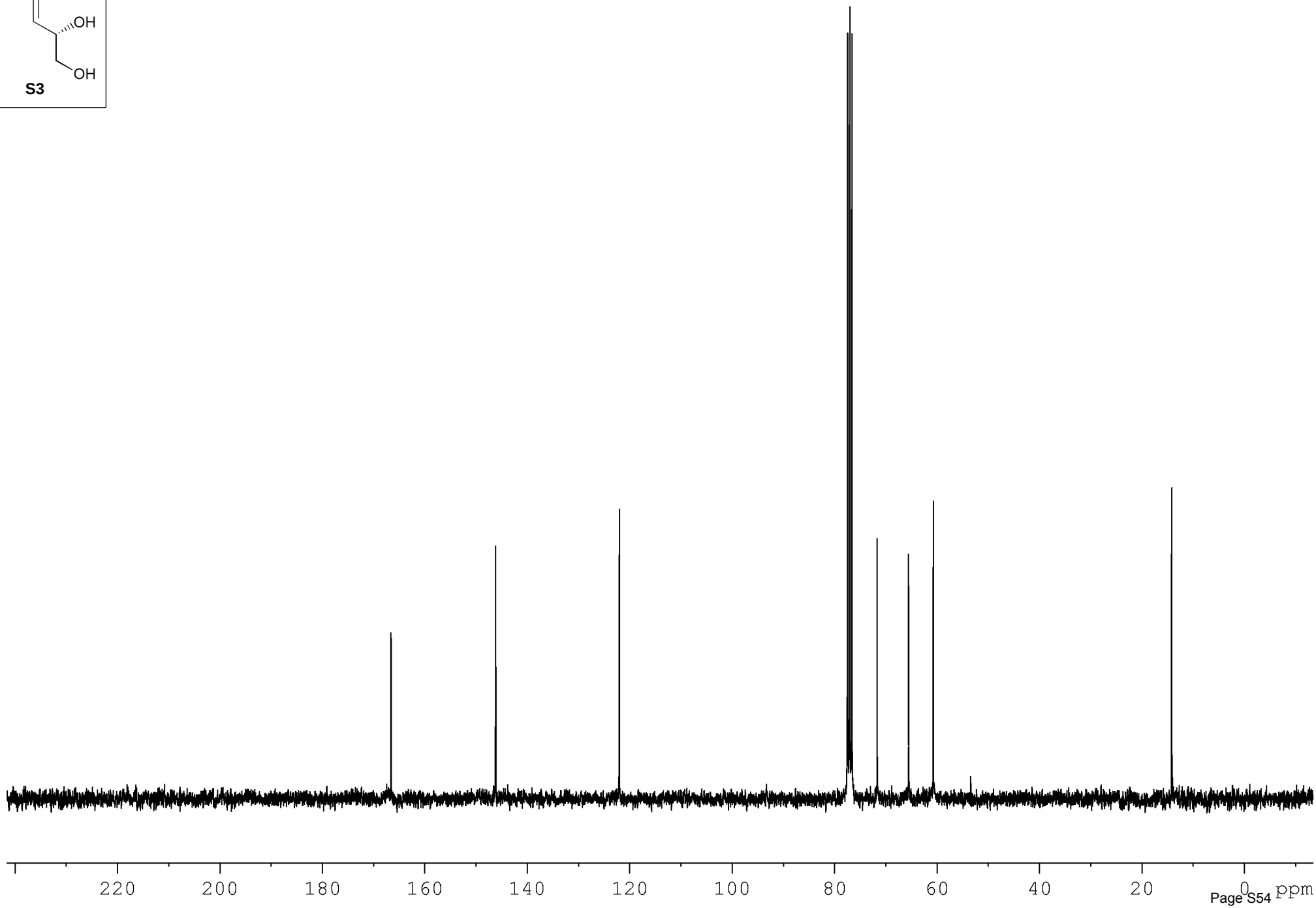
S3



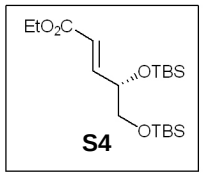
This journal is © The Royal Society of Chemistry 2013

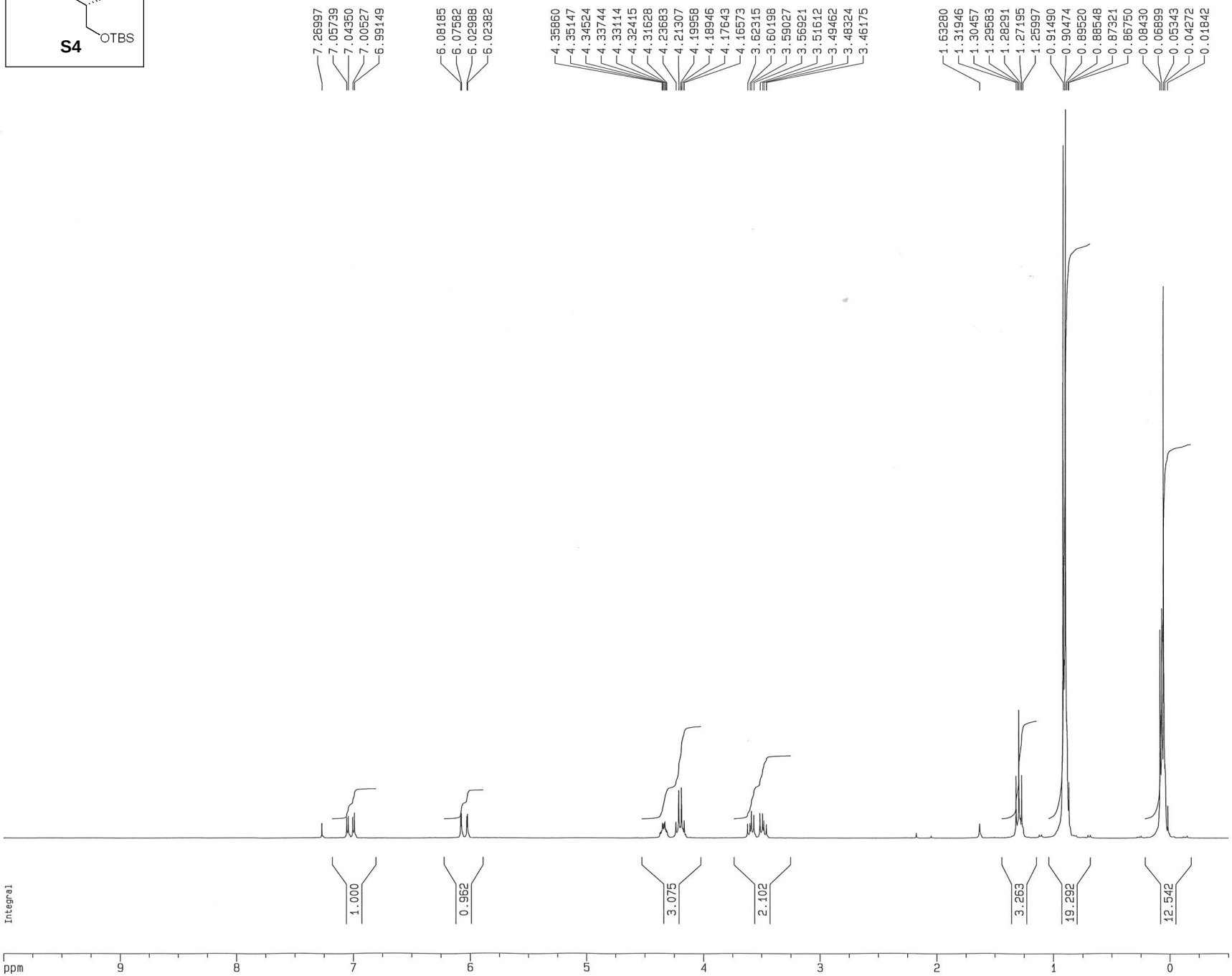


S3



This journal is © The Royal Society of Chemistry 2013





Current Data Parameters

NAME	Dec07-2006
EXPNO	50
PROCNO	1

F2 - Acquisition Parameters

Date_	20061208
Time	7.01
INSTRUM	amx300
PROBHD	5 mm QNP 1H
PULPROG	zg30
TD	53506
SOLVENT	CDCl3
RO	20
NS	16
RO	20
SWH	8771.930 Hz
FIDRES	0.163943 Hz
AQ	3.0498919 sec
RG	256
DW	57.000 usec
DE	81.43 usec
TE	300.0 K
HL1	1 dB
D1	0.12000000 sec
P1	6.80 usec
SFO1	299.8758200 MHz
NUCLEUS	1H

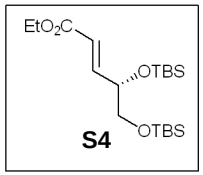
F2 - Processing parameters

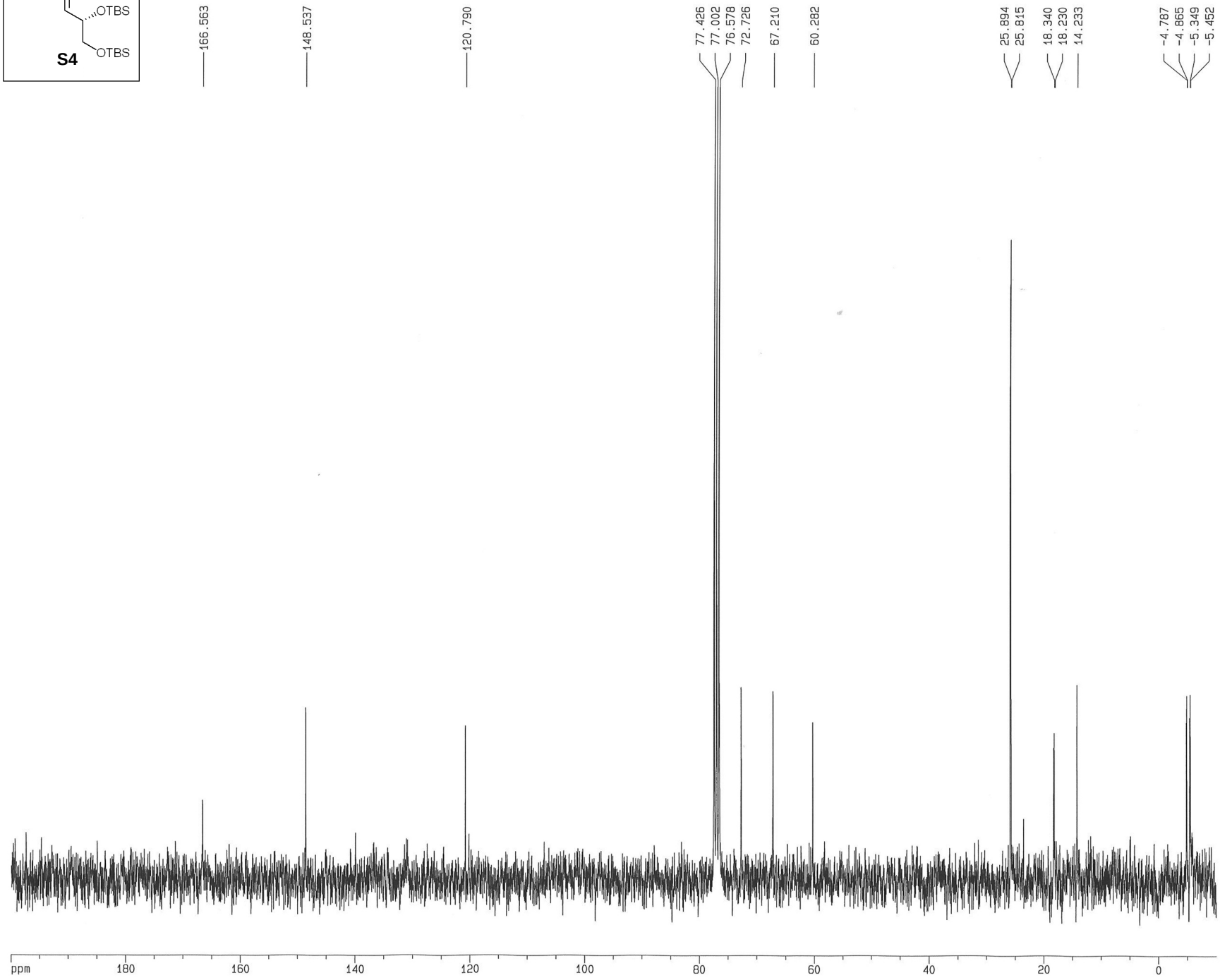
SI	32768
SF	299.8727905 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00
SR	2790.52 Hz

1D NMR plot parameters

CX	32.00 cm
F1P	10.000 ppm
F1	2998.73 Hz
F2P	-0.500 ppm
F2	-149.94 Hz
PPMCM	0.32812 ppm/cm
HZCM	98.39577 Hz/cm

This journal is © The Royal Society of Chemistry 2013





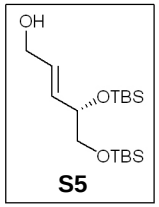
Current Data Parameters
NAME Dec07-2006
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20061207
Time 10.55
INSTRUM amx300
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 42304
SOLVENT CDCl3
RO 20
NS 128
RO 20
SWH 19230.770 Hz
FIDRES 0.454585 Hz
AQ 1.0999540 sec
RG 32768
DW 26.000 usec
DE 37.14 usec
TE 300.0 K
HL1 1 dB
D1 2.00000000 sec
CPDPRG waltz16
P31 95.00 usec
S4 27 dB
D11 0.03000000 sec
S2 27 dB
P1 4.00 usec
SFO1 75.4116768 MHz
NUCLEUS 13C

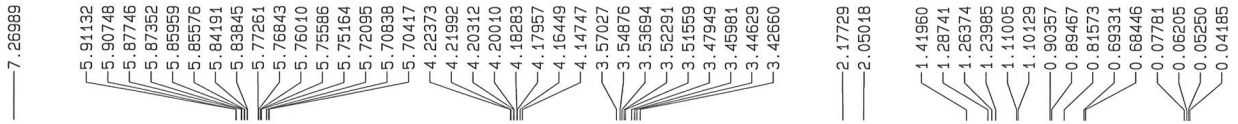
F2 - Processing parameters
SI 65536
SF 75.4030737 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.40
SR 3073.67 Hz

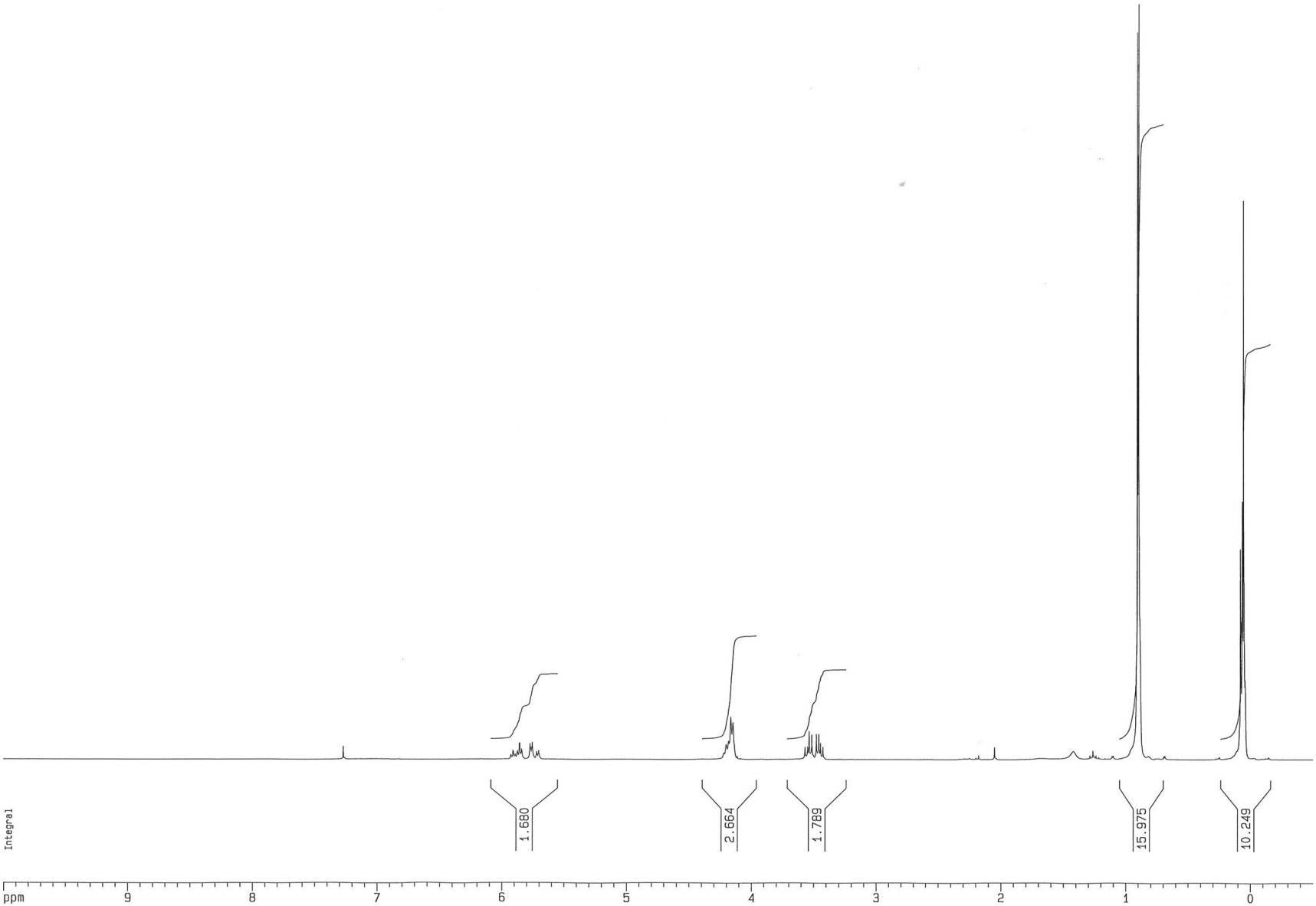
1D NMR plot parameters
CX 32.00 cm
F1P 200.000 ppm
F1 15080.62 Hz
F2P -10.000 ppm
F2 -754.03 Hz
PPMCM 6.56250 ppm/cm
HZCM 494.83264 Hz/cm

This journal is © The Royal Society of Chemistry 2013



S5





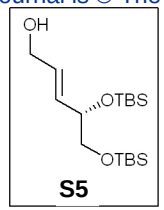
Current Data Parameters
NAME Dec08-2006
EXPNO 20
PROCNO 1

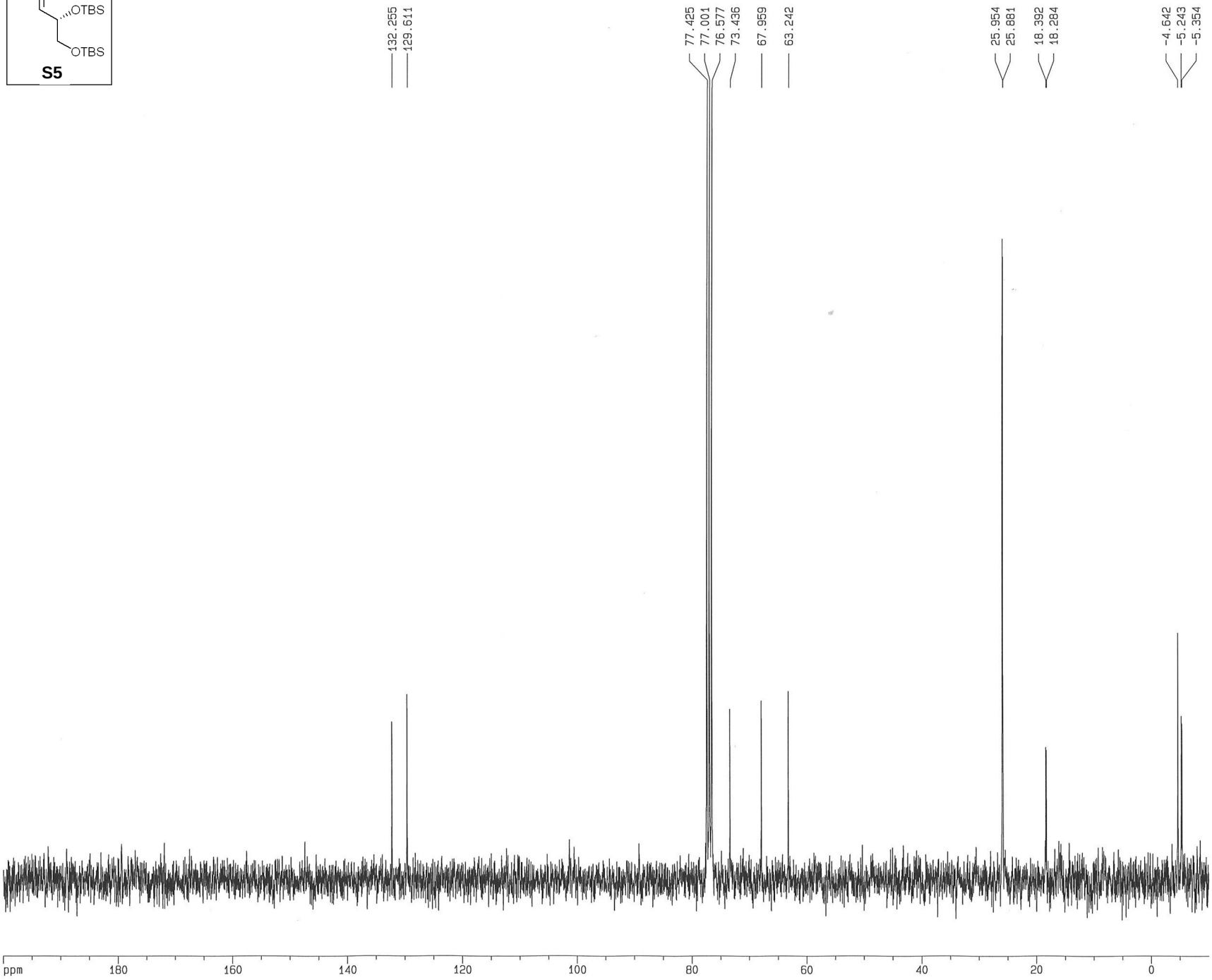
F2 - Acquisition Parameters
Date_ 20061208
Time 11.58
INSTRUM amx300
PROBHD 5 mm QNP 1H
PULPROG zg30
TD 53506
SOLVENT CDCl3
RO 20
NS 16
RO 20
SWH 8771.930 Hz
FIDRES 0.163943 Hz
AQ 3.0498919 sec
RG 512
DW 57.000 usec
DE 81.43 usec
TE 300.0 K
HL1 1 dB
D1 0.12000000 sec
P1 6.80 usec
SFO1 299.8758200 MHz
NUCLEUS 1H

F2 - Processing parameters
SI 32768
SF 299.8727905 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00
SR 2790.52 Hz

1D NMR plot parameters
CX 32.00 cm
F1P 10.000 ppm
F1 2998.73 Hz
F2P -0.500 ppm
F2 -149.94 Hz
PPMCM 0.32812 ppm/cm
HZCM 98.39577 Hz/cm

This journal is © The Royal Society of Chemistry 2013





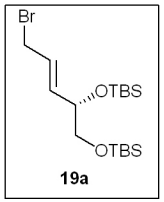
Current Data Parameters
NAME Dec08-2006
EXPNO 21
PROCNO 1

F2 - Acquisition Parameters
Date_ 20061208
Time 12.06
INSTRUM amx300
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 42304
SOLVENT CDCl3
RO 20
NS 128
RO 20
SWH 19230.770 Hz
FIDRES 0.454585 Hz
AQ 1.0999540 sec
RG 32768
DW 26.000 usec
DE 37.14 usec
TE 300.0 K
HL1 1 dB
D1 2.00000000 sec
CPDPRG waltz16
P31 95.00 usec
S4 27 dB
D11 0.03000000 sec
S2 27 dB
P1 4.00 usec
SFO1 75.4116768 MHz
NUCLEUS 13C

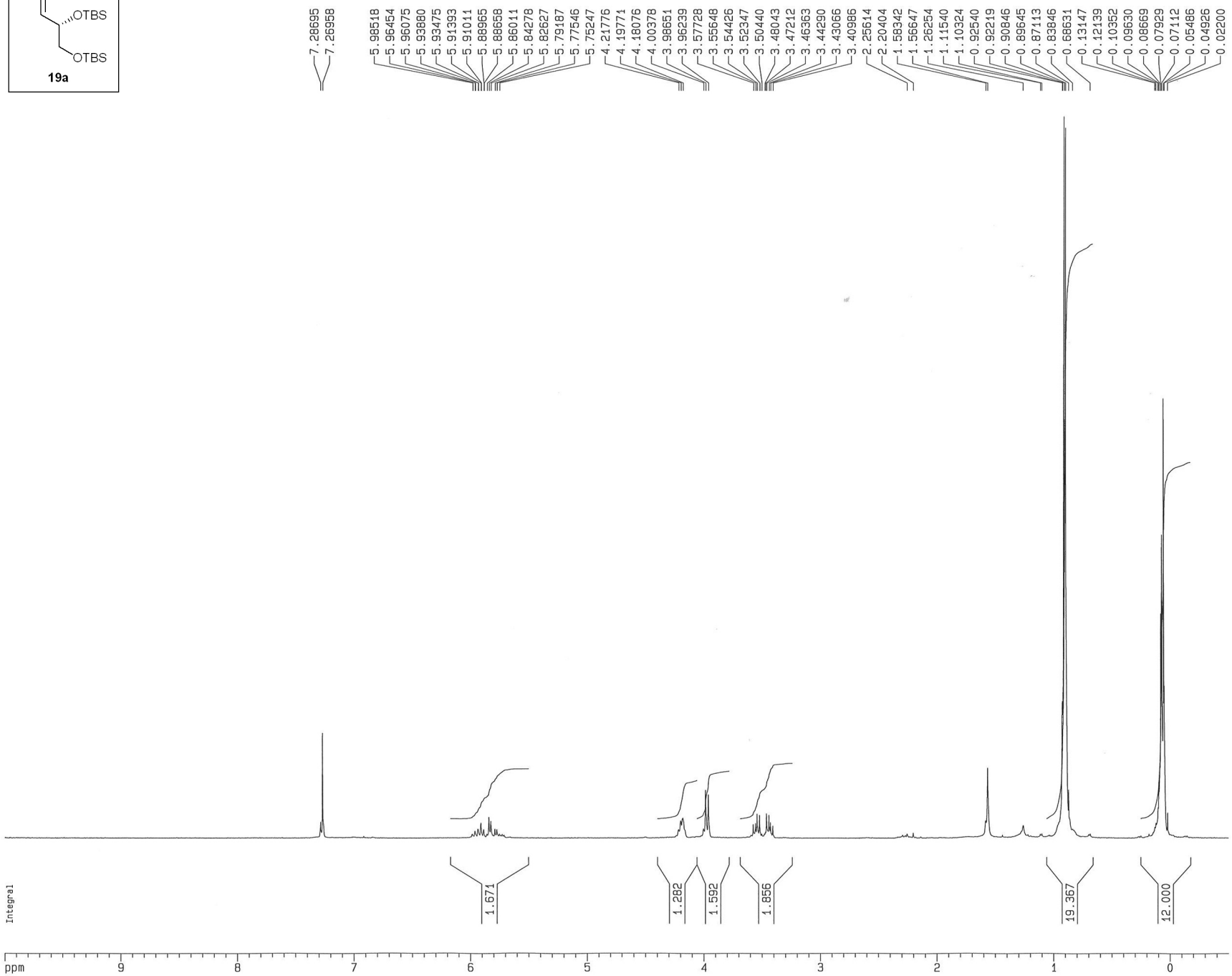
F2 - Processing parameters
SI 65536
SF 75.4030740 MHz
WDW EM
SSB 0
LB 2.00 Hz
GB 0
PC 1.40
SR 3073.96 Hz

1D NMR plot parameters
CX 32.00 cm
F1P 200.000 ppm
F1 15080.62 Hz
F2P -10.000 ppm
F2 -754.03 Hz
PPMCM 6.56250 ppm/cm
HZCM 494.83264 Hz/cm

This journal is © The Royal Society of Chemistry 2013

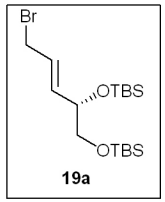


19a

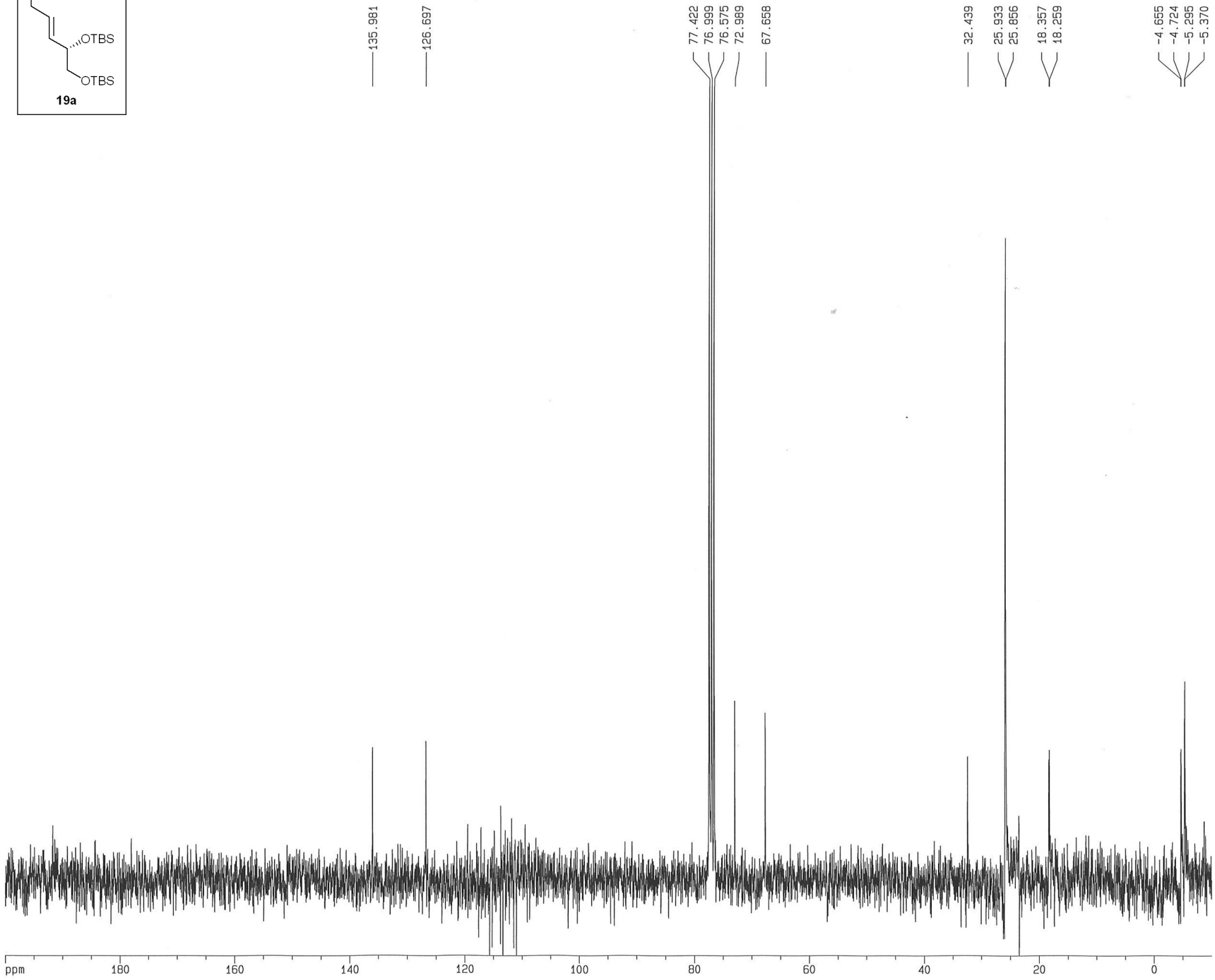



```
Current Data Parameters
NAME          Dec11-2006
EXPNO                 20
PROCNO                 1

F2 - Acquisition Parameters
Date_           20061211
Time               12.38
INSTRUM          amx300
PROBHD     5 mm QNP  1H
PULPROG            zg30
TD                53506
SOLVENT           CDCl3
RO                    20
NS                    16
RO                    20
SWH           8771.930 Hz
FIDRES        0.163943 Hz
AQ            3.0498919 sec
RG                 2048
DW               57.000 usec
DE               81.43 usec
TE                300.0 K
HL1                 1 dB
D1          0.12000000 sec
P1               6.80 usec
SFO1        299.8758200 MHz
NUCLEUS             1H

F2 - Processing parameters
SI                32768
SF          299.8727905 MHz
WDW                EM
SSB                 0
LB              0.30 Hz
GB                  0
PC               1.00
SR            2790.52 Hz

1D NMR plot parameters
CX               32.00 cm
F1P              10.000 ppm
F1             2998.73 Hz
F2P              -0.500 ppm
F2             -149.94 Hz
PPMCM          0.32812 ppm/cm
HZCM          98.39577 Hz/cm
```

This journal is © The Royal Society of Chemistry 2013

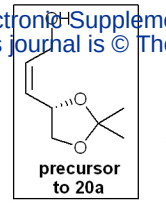


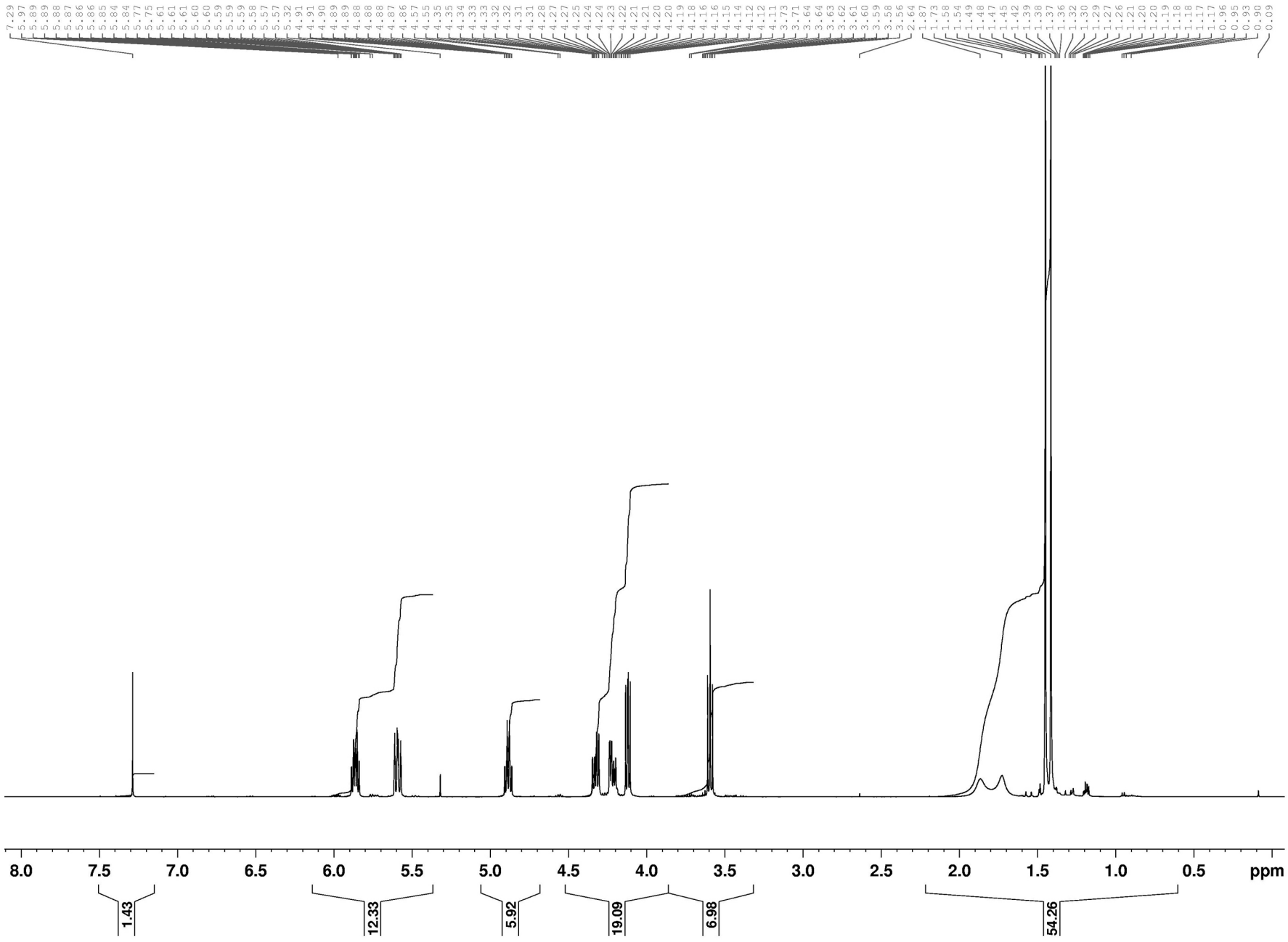
19a




```
Current Data Parameters
NAME          Dec11-2006
EXPNO                 40
PROCNO                 1

F2 - Acquisition Parameters
Date_           20061211
Time               16.27
INSTRUM          amx300
PROBHD     5 mm QNP  1H
PULPROG          zgpg30
TD                42304
SOLVENT           CDCl3
RO                   20
NS                  128
RO                   20
SWH          19230.770 Hz
FIDRES        0.454585 Hz
AQ            1.0999540 sec
RG                32768
DW               26.000 usec
DE               37.14 usec
TE               300.0 K
HL1                  1 dB
D1           2.00000000 sec
CPDPRG          waltz16
P31              95.00 usec
S4                   27 dB
D11          0.03000000 sec
S2                   27 dB
P1                4.00 usec
SFO1         75.4116768 MHz
NUCLEUS             13C

F2 - Processing parameters
SI                65536
SF           75.4030743 MHz
WDW                  EM
SSB                   0
LB                 2.00 Hz
GB                    0
PC                 1.40
SR              3074.26 Hz

1D NMR plot parameters
CX                32.00 cm
F1P              200.000 ppm
F1             15080.62 Hz
F2P              -10.000 ppm
F2              -754.03 Hz
PPMCM            6.56250 ppm/cm
HZCM           494.83264 Hz/cm
```

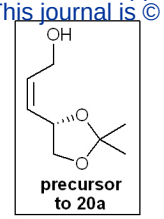
This journal is © The Royal Society of Chemistry 2013

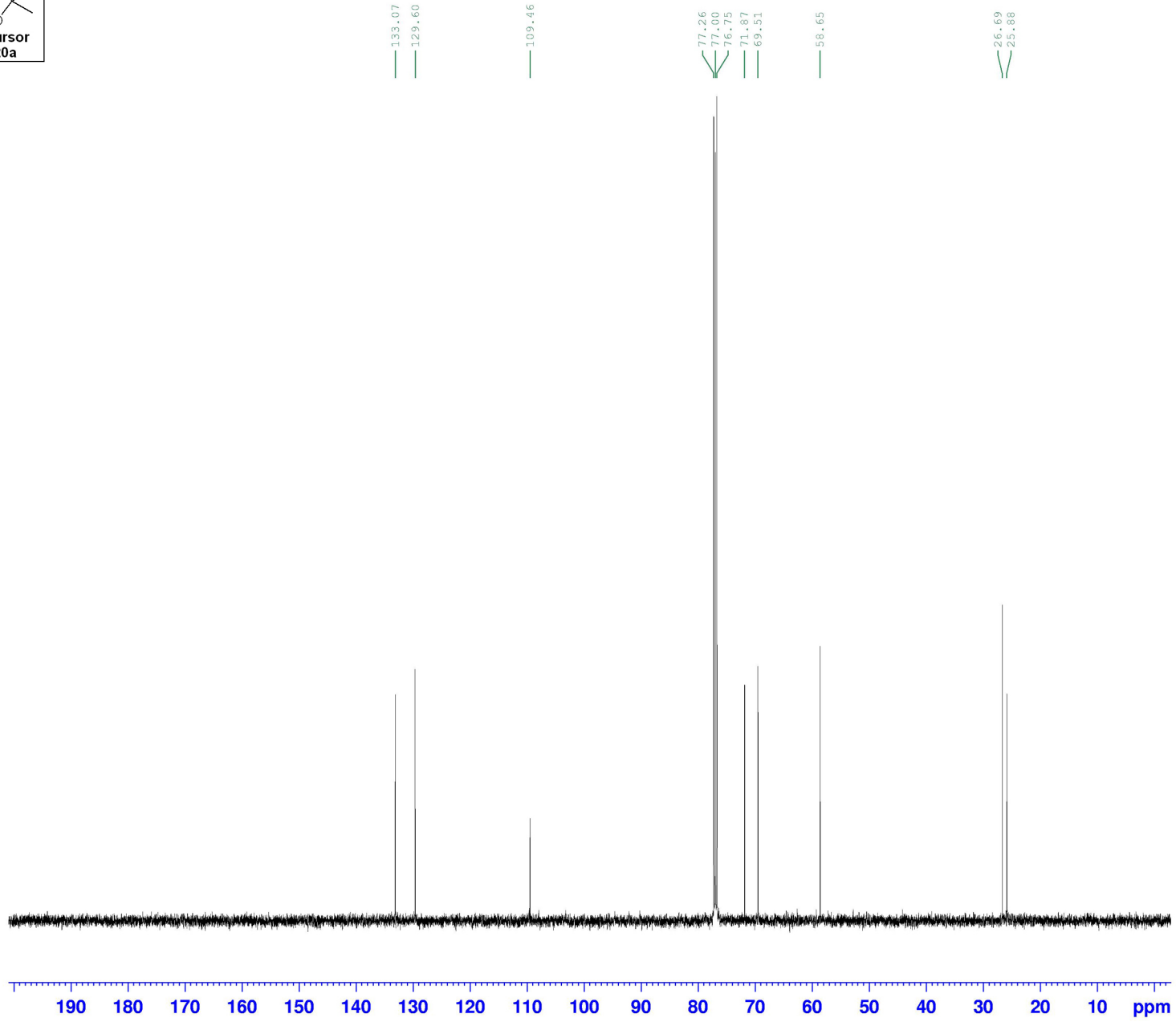




NAME	May21-2008
EXPNO	41
PROCNO	1
Date_	20080521
Time	21.04
INSTRUM	drx500
PROBHD	5 mm Multinu
PULPROG	zg30
TD	82642
SOLVENT	CDCl3
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.125004 Hz
AQ	3.9999712 sec
RG	181
DW	48.400 use
DE	6.00 use
TE	300.0 K
D1	1.00000000 sec
==========	CHANNEL f1 ===
NUC1	1H
P1	15.50 use
PL1	0.00 dB
SFO1	500.1330885 MHz
SI	65536
SF	500.1300000 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

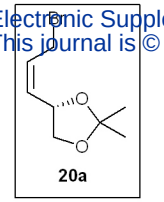
This journal is © The Royal Society of Chemistry 2013

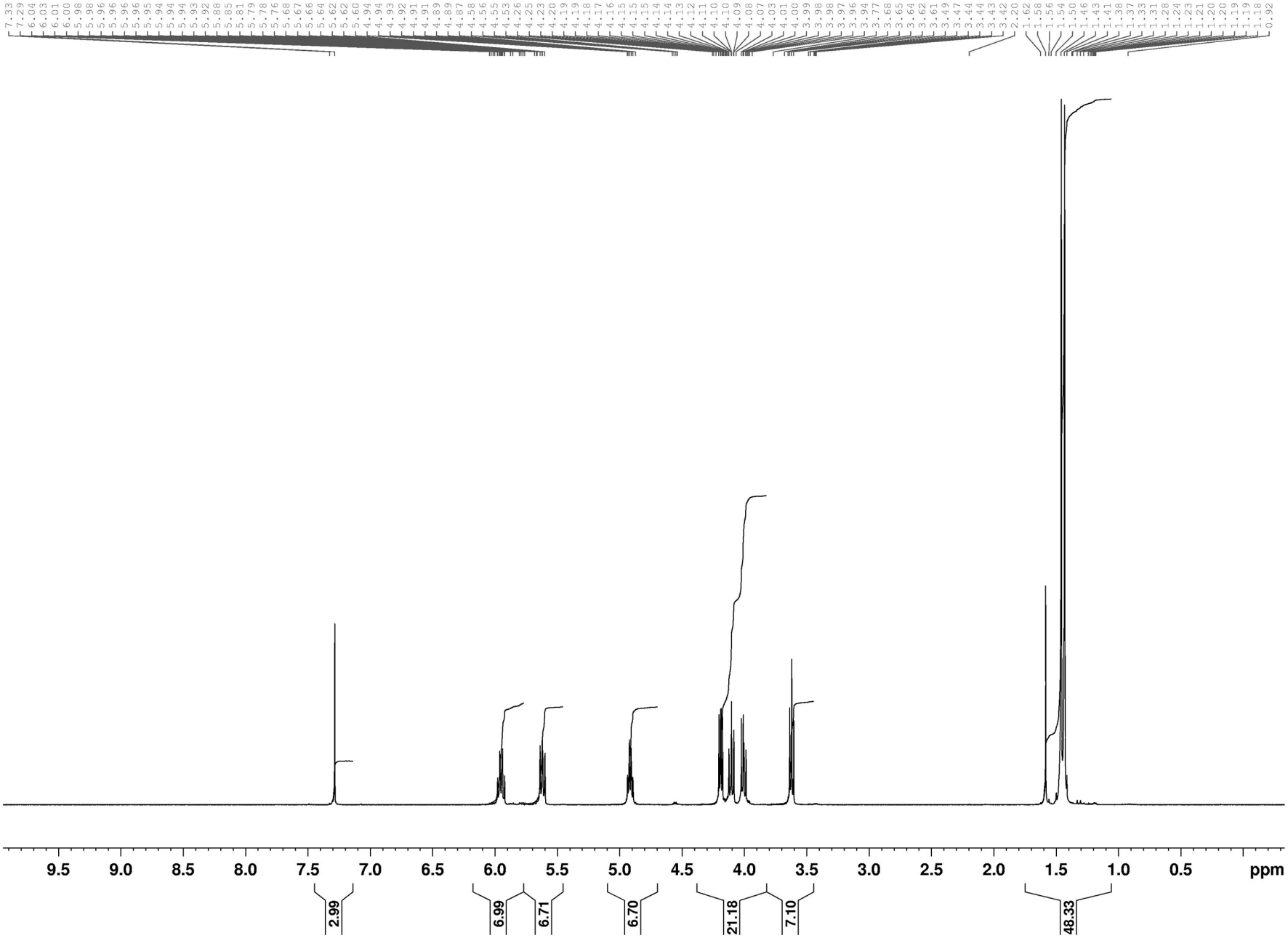




NAME	May21-2008
EXPNO	44
PROCNO	1
Date_	20080521
Time	21.51
INSTRUM	drx500
PROBHD	5 mm Multinu
PULPROG	zgpg30
TD	65536
SOLVENT	CDCl3
NS	256
DS	4
SWH	31446.541 Hz
FIDRES	0.479836 Hz
AQ	1.0420883 sec
RG	3649.1
DW	15.900 usec
DE	6.00 usec
TE	300.0 K
D1	2.00000000 sec
d11	0.03000000 sec
d12	0.00002000 sec
========== CHANNEL f1 ==========	
NUC1	13C
P1	5.50 usec
PL1	0.00 dB
SFO1	125.7715719 MHz
========== CHANNEL f2 ==========	
CPDPRG2	waltz16
NUC2	1H
PCPD2	95.00 usec
PL2	0.00 dB
PL12	19.00 dB
PL13	19.00 dB
SFO2	500.1320005 MHz
SI	32768
SF	125.7577922 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

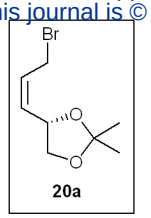
This journal is © The Royal Society of Chemistry 2013

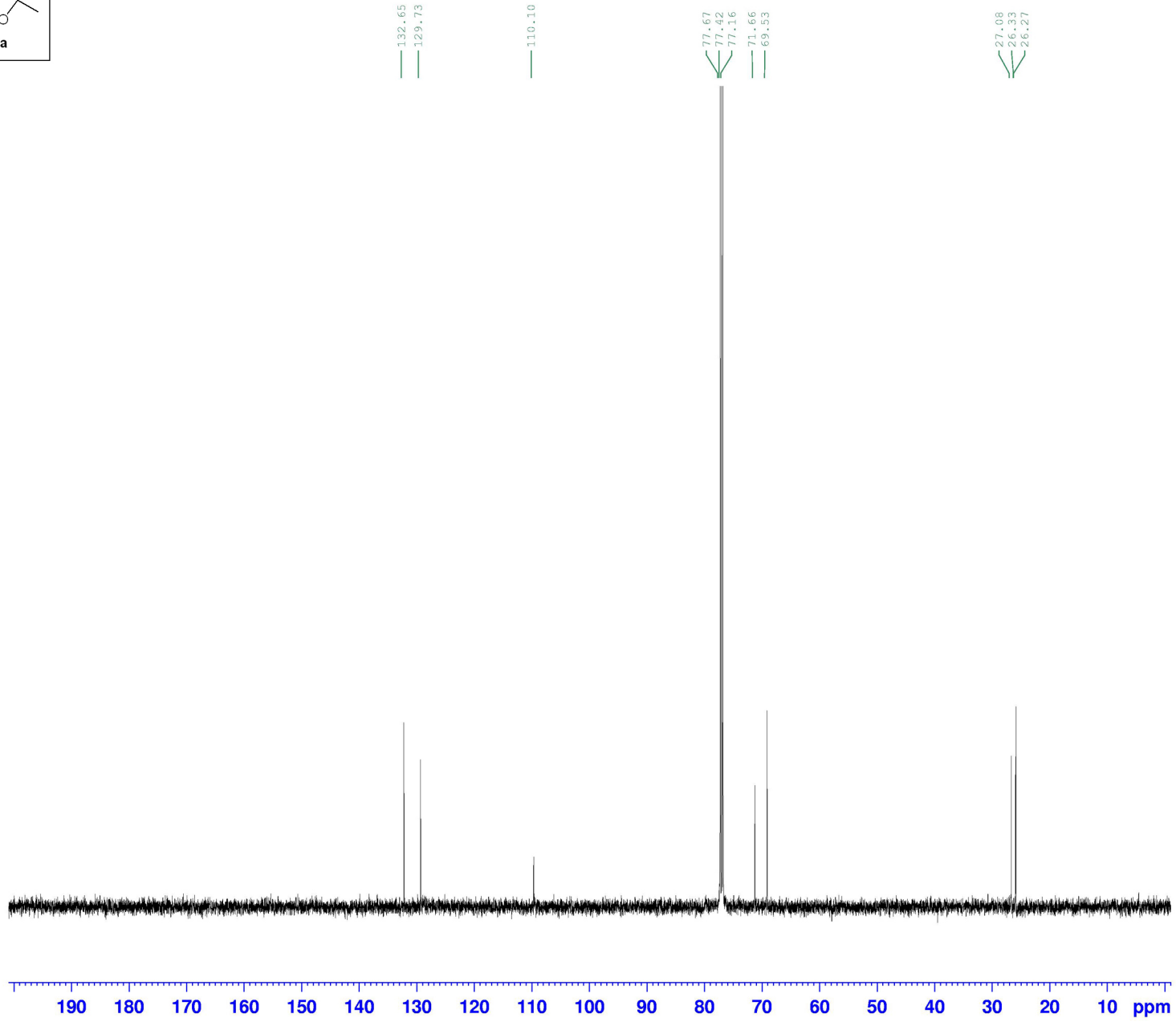




NAME	May21-2008
EXPNO	51
PROCNO	1
Date_	20080521
Time	22.09
INSTRUM	drx500
PROBHD	5 mm Multinu
PULPROG	zg30
TD	82642
SOLVENT	CDCl3
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.125004 Hz
AQ	3.9999712 sec
RG	456.1
DW	48.400 use
DE	6.00 use
TE	300.0 K
D1	1.00000000 sec
==========	CHANNEL f1 ===
NUC1	1H
P1	15.50 use
PL1	0.00 dB
SFO1	500.1330885 MHz
SI	65536
SF	500.1300000 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

This journal is © The Royal Society of Chemistry 2013





NAME	May21-2008
EXPNO	54
PROCNO	1
Date_	20080521
Time	22.56
INSTRUM	drx500
PROBHD	5 mm Multinu
PULPROG	zgpg30
TD	65536
SOLVENT	CDCl3
NS	256
DS	4
SWH	31446.541 Hz
FIDRES	0.479836 Hz
AQ	1.0420883 sec
RG	3649.1
DW	15.900 usec
DE	6.00 usec
TE	300.0 K
D1	2.00000000 sec
d11	0.03000000 sec
d12	0.00002000 sec
========== CHANNEL f1 ==========	
NUC1	13C
P1	5.50 usec
PL1	0.00 dB
SFO1	125.7715719 MHz
========== CHANNEL f2 ==========	
CPDPRG2	waltz16
NUC2	1H
PCPD2	95.00 usec
PL2	0.00 dB
PL12	19.00 dB
PL13	19.00 dB
SFO2	500.1320005 MHz
SI	32768
SF	125.7577934 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40