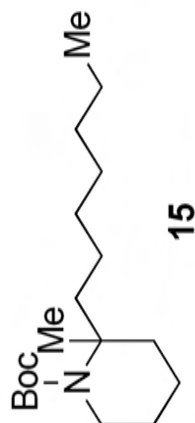
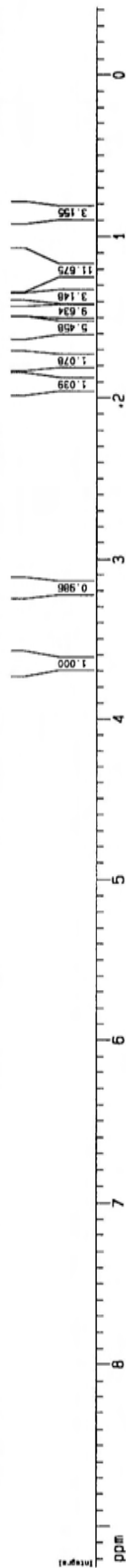


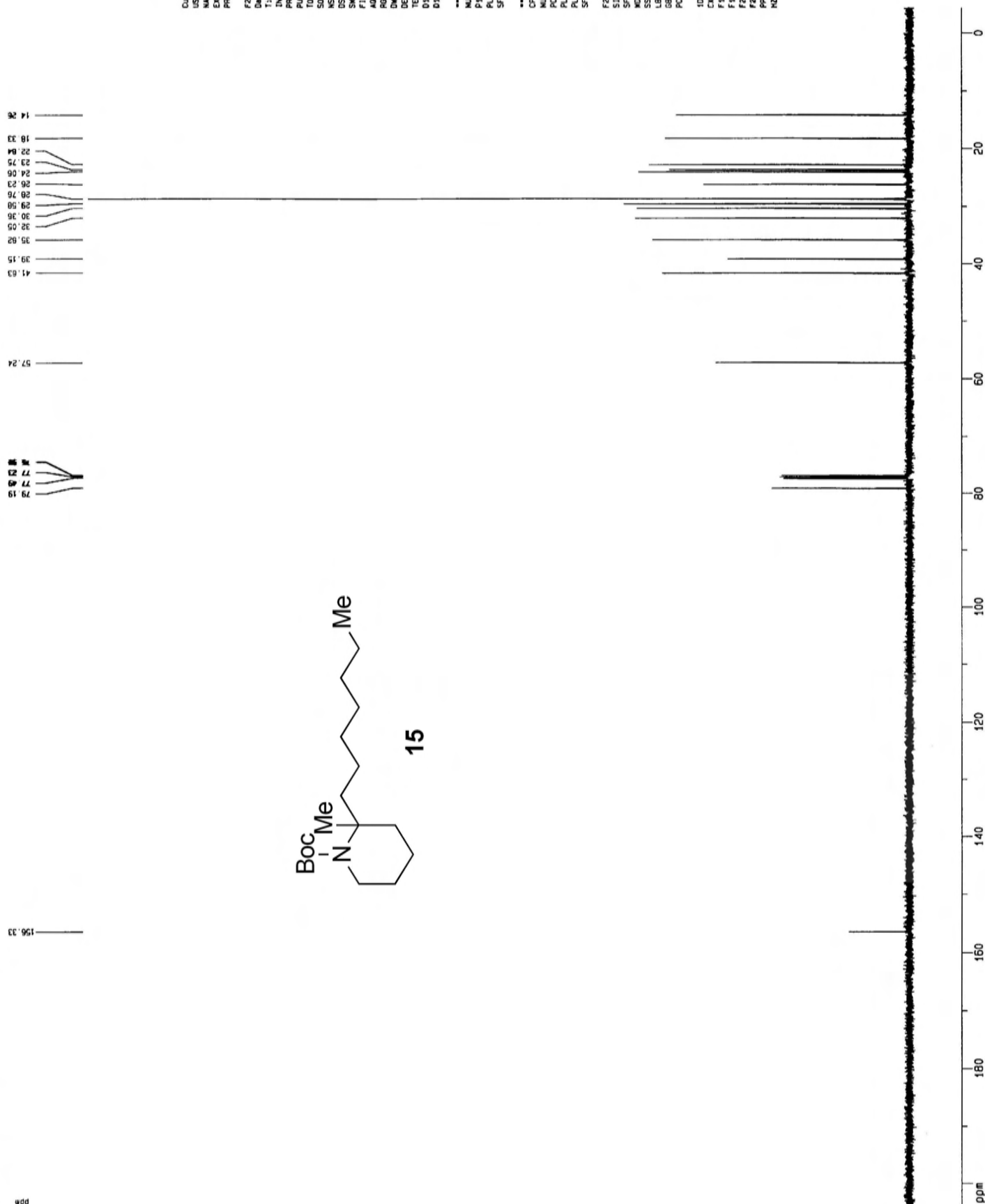
0.86449
0.87889
0.89138
1.26564
1.37575
1.45592
1.46060
1.56987
1.57570

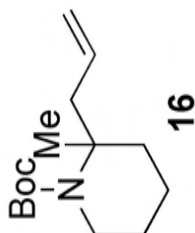
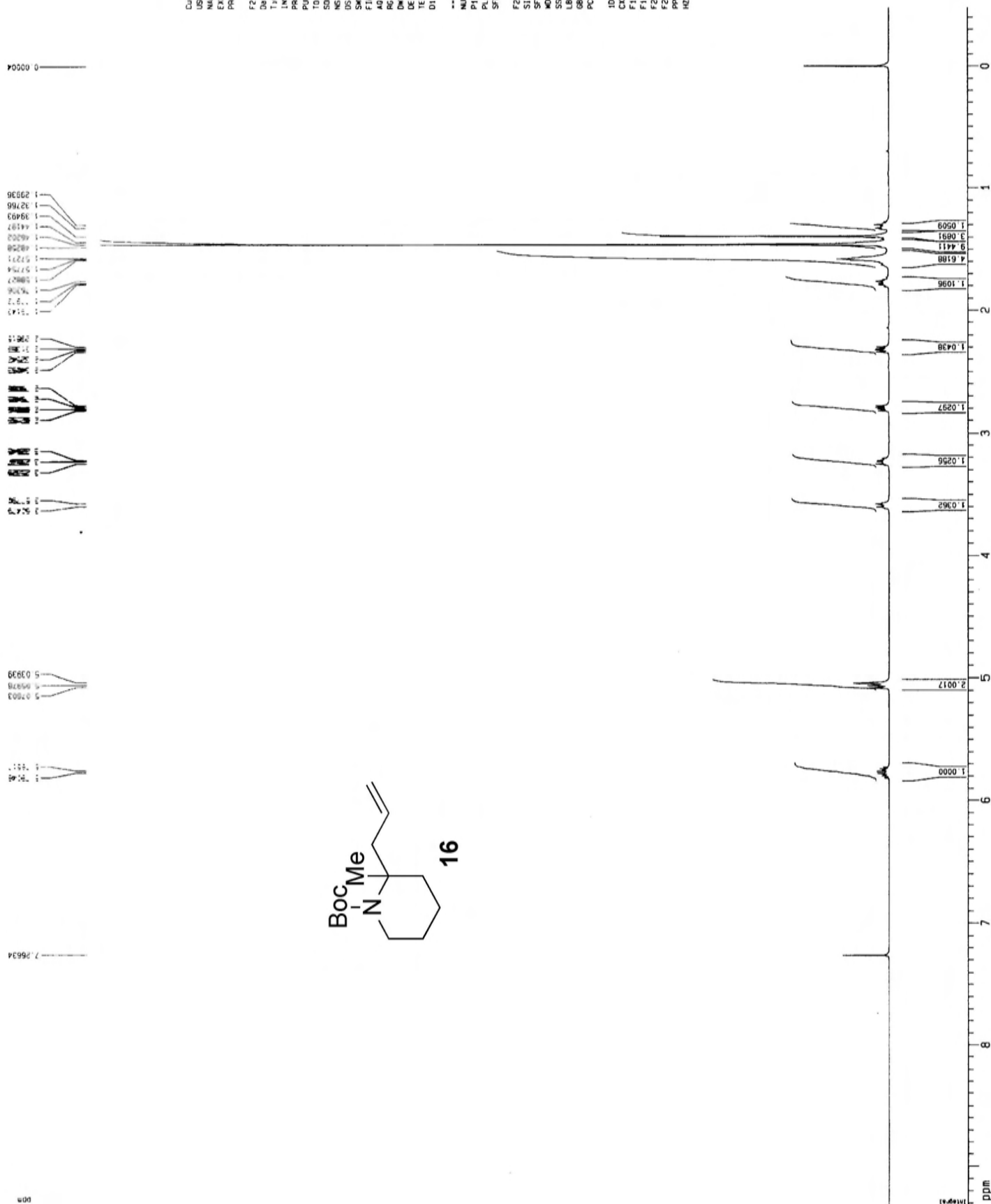


Current Data Parameters
USER: swick
NAME: 11119
EXPNO: 3
PROCNO: 1
F2 - Acquisition Parameters
Date_: 20040124
Time: 17:55
INSTRUM: omega500
PROBHD: 5 mm broadband
PULPROG: zg30
TD: 65536
SOLVENT: CDCl3
NS: 6
DS: 2
SWH: 8012.820 Hz
FIDRES: 0.122268 Hz
AQ: 4.089455 sec
RG: 327.5
DM: 62.400 usec
DE: 6.00 usec
TE: 300.0 K
D1: 0.10000000 sec
***** CHANNEL f1 *****
NUC1: 1H
P1: 13.00 usec
PL1: -1.00 dB
SFO1: 500.225015 MHz
F2 - Processing parameters
SI: 65536
SF: 500.2200175 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 4.00
RG: 327.5
FIR: 22.80 cm
FIR: 9.455 DDM
F1: 4629.35 Hz
F2P: -0.414 DDM
F2: -207.26 Hz
PRNOM: 0.42408 DDM/cm
HZCM: 212.13354 Hz/cm

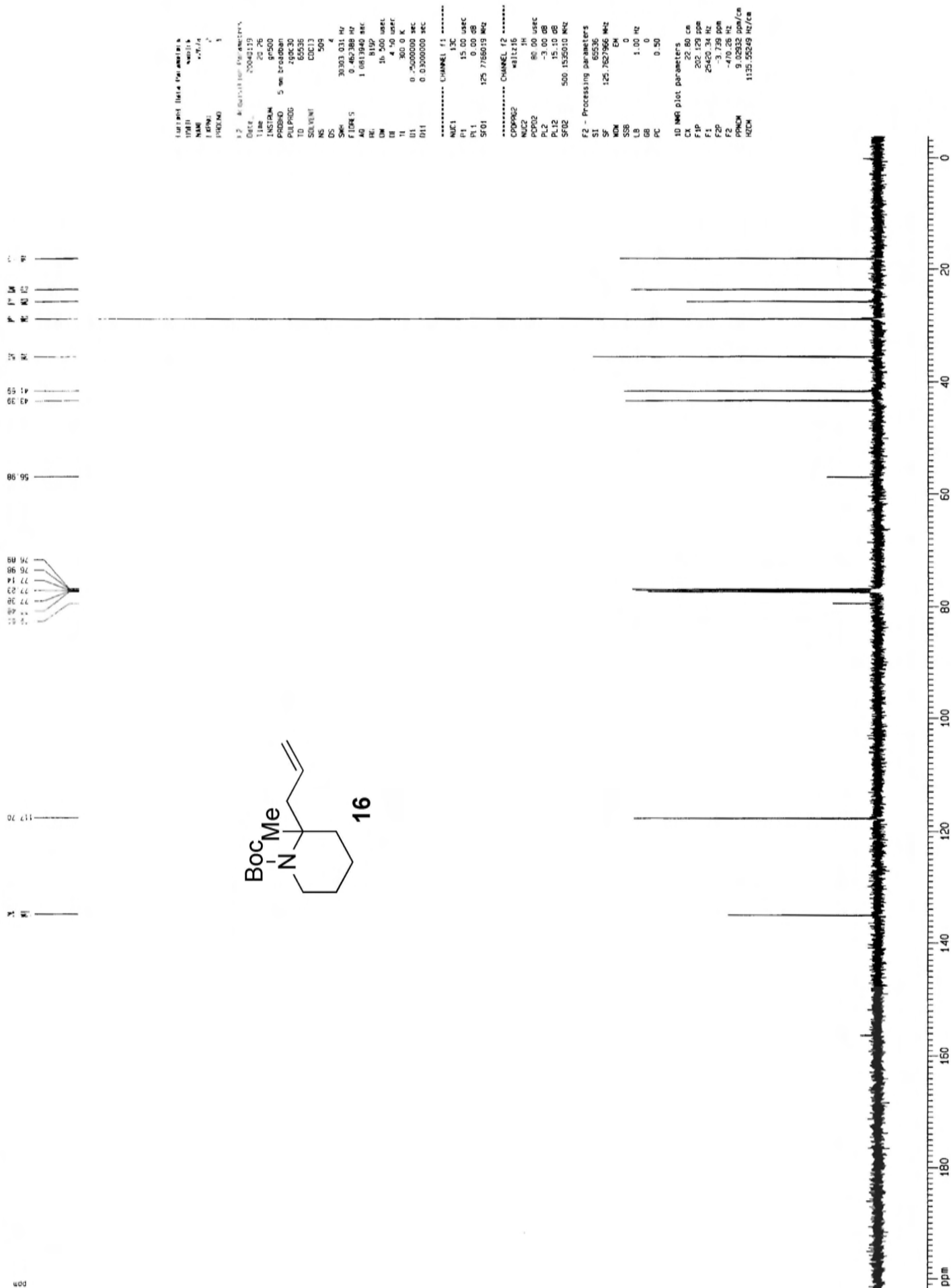


13C spectrum with 1H decoupling

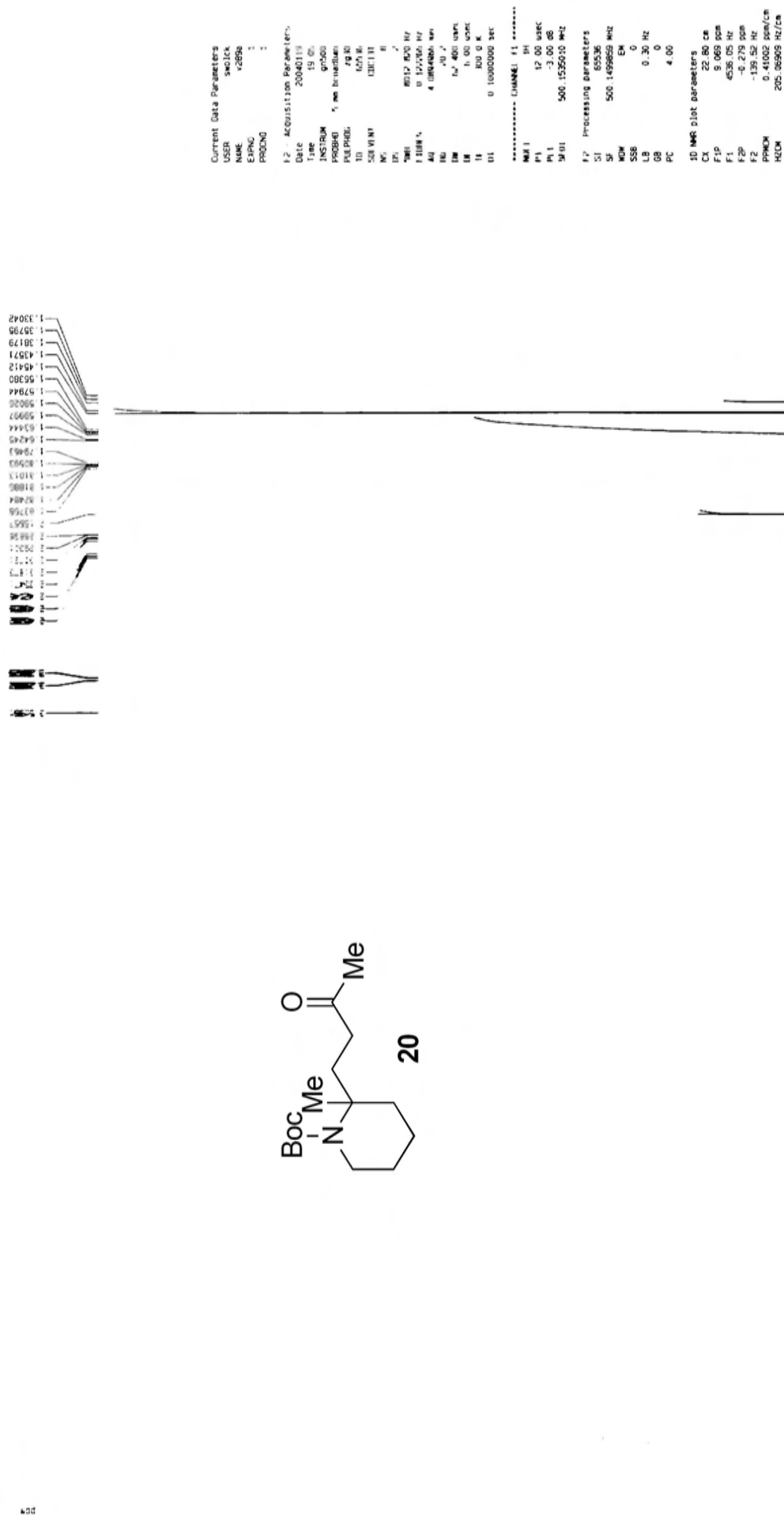




Spectrum with 1H decoupling



SMA-V-2894
500 MHz
CDCl₃
3H Spin (F1)





20

1.03

1.03
1.93
3.81
3.67
3.37
3.05
2.87
2.57
2.22
2.01
1.91
1.55

ppm

1.03
1.93
3.81
3.67
3.37
3.05
2.87
2.57
2.22
2.01
1.91
1.55

1.03

1.93

3.81

3.67

3.37

3.05

2.87

2.57

2.22

2.01

1.91

1.55

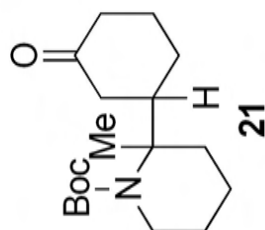
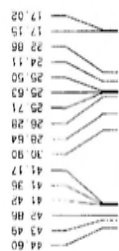
ppm

Current Data Parameters
Date: 20200111
Time: 11:17
Sample: 20
Pulse: 12.00
F1: 400.140 MHz
F2: 100.625 MHz
SOLVENT: CDCl3
NS: 1024
DS: 4
SWH: 10.000 MHz
FID: 0.4000000 Hz
AQ: 1.0010000 sec
RG: 327.680
GB: 0.0000000
PC: 2.00
SFO: 125.762983 MHz
SF: 65536
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 2.00
10 MHz plot parameters
CX: 22.60 cm
F1P: 223.565 ppm
F1: 28166.55 Hz
F2P: -2.283 ppm
F2: -287.16 Hz
PNUC: 9.92200 ppm/cm
HZCM: 1247.95936 Hz/cm





13C spectrum with 1H decoupling



Current Data Parameters
 USER: swdck
 NAME: 2055a
 EXPNO: 2
 PROCNO: 1

F2 Acquisition Parameters
 Date_: 20040119
 Time: 20.12
 INSTRUM: spect
 PULPROG: zgpg30
 FIDRES: 0.00030
 F0: 65536
 SFO1: 125.76019 MHz
 AQ: 0.462388 sec
 RG: 6132
 DQ: 16.500000 sec
 DE: 4.500000 sec
 TE: 300.2 K
 D1: 0.25000000 sec
 D11: 0.03000000 sec

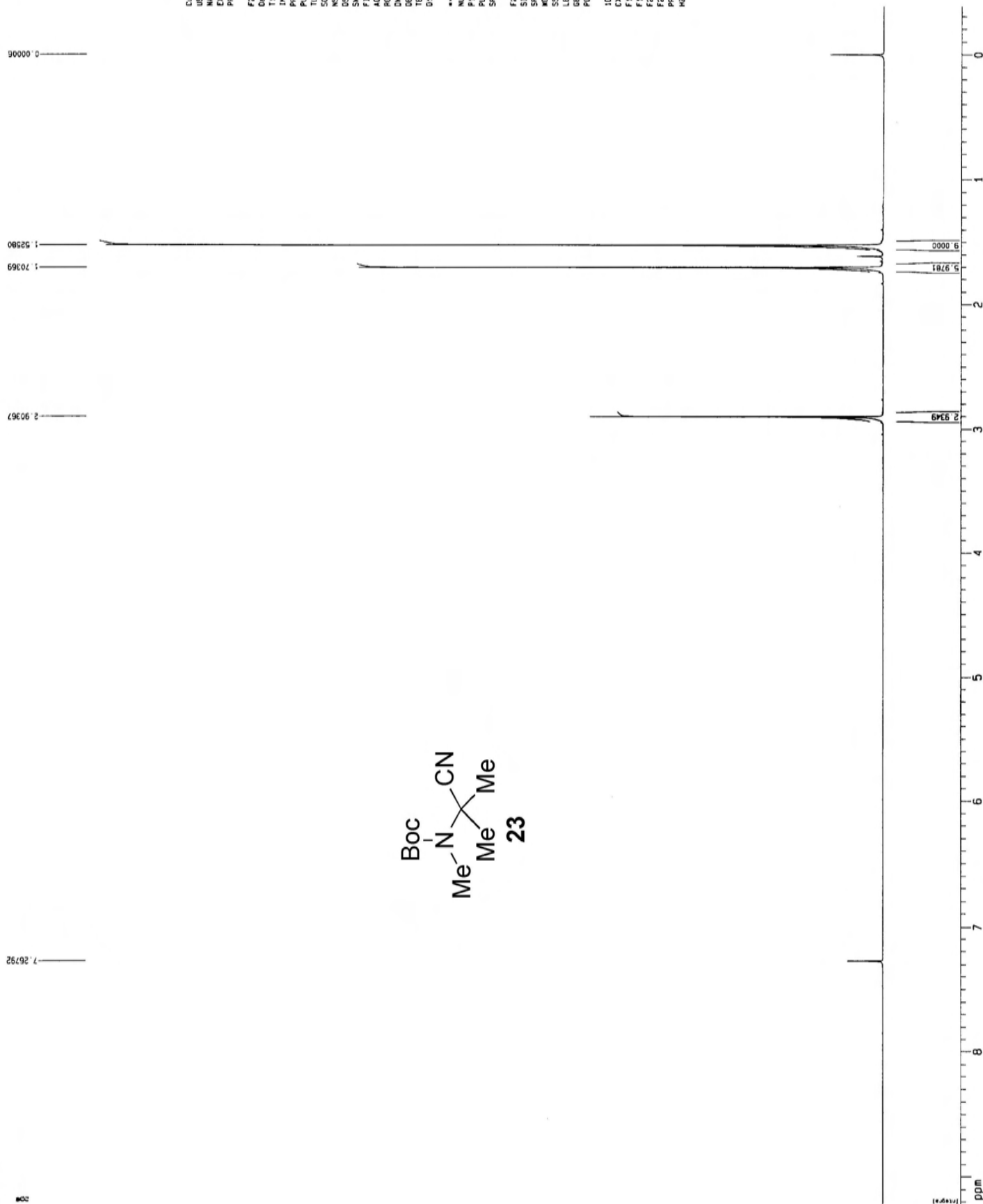
----- CHANNEL f1 -----
 NUC1: 13C
 P1: 15.00 usec
 PL1: 0.00 dB
 SFO1: 125.76019 MHz

----- CHANNEL f2 -----
 CPDPRG2: waltz16
 NUC2: 1H
 P2: 80.00 usec
 PL2: 0.00 dB
 PL12: 19.00 dB
 SFO2: 500.135050 MHz

F2 - Processing parameters
 SI: 65536
 SF: 125.7628068 MHz
 WDW: EM
 SSB: 0
 LB: 1.00 Hz
 GB: 0
 PC: 1.00

1D NMR plot parameters
 CX: 22.80 cm
 FIP: 228.520 ppm
 F1: 28865.04 Hz
 F2: -10.507 ppm
 F2: -1321.34 Hz
 PPM0: 10.32747 ppm/cm
 PPM1: 1323.96395 Hz/cm





Current Data Parameters
 USER: SWICK
 NAME: Y2580
 EXPNO: 1
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20040404
 Time: 11:45
 INSTRUM: spect
 PROBHD: 5 mm broadband
 PULPROG: zgpg30
 TD: 8192
 SOLVENT: DMSO
 NS: 8
 DS: 2
 SWH: 8012.820 Hz
 FIDRES: 0.088043 Hz
 AQ: 0.0001414 sec
 RG: 400
 DM: 62.400 uS
 DE: 6.00 uS
 TE: 300.0 K
 D1: 0.10000000 sec

***** CHANNEL f1 *****
 NUC1: ¹H
 P1: 13.00 uS
 PL1: -1.00 dB
 SF01: 500.2235015 MHz

F2 - Processing parameters
 SI: 65536
 SF: 500.2200270 MHz
 WDM: 0
 LB: 0.30 Hz
 GB: 0
 PC: 4.00

1D NMR plot parameters
 CX: 22.80 cm
 F1p: 9.219 ppm
 F1: 4611.33 Hz
 F2p: -0.382 ppm
 F2: -191.25 Hz
 PPM01: 0.42109 ppm/cm
 MZCM: 210.63863 Hz/cm

13C spectrum with 3H decoupling

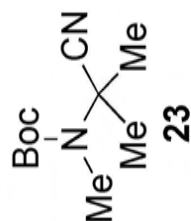
ppm

154.85

122.16

76.96
77.23
78.30

51.82

30.45
30.50
26.98

Current Data Parameters
USER swick
NAME y228
EXPNO 2
PROCNO 1

F2 Acquisition Parameters
Date_ 20040404
Time 11:47
INSTRUM spect
PROBHD 1H 5mm
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 205
DS 4
SWH 30303.031 Hz
FIDRES 0.462388 Hz
AQ 1.0813940 sec
RG 5160.0
CW 15.500 usec
DE 1.000 usec
TE 300.2 K
T1 0.25000000 sec
D11 0.25000000 sec
D111 0.03000000 sec

***** CHANNEL f1 *****
NUC1 13C
P1 22.50 usec
PL1 -6.00 dB
SFO1 125.7604048 MHz

***** CHANNEL f2 *****
CPDPRG2 waltz16
NUC2 1H
P2 80.00 usec
PL2 -1.00 dB
SFO2 500.2250013 MHz

F2 - Processing parameters
SI 65536
SF 125.7603956 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 0.50

1D NMR plot parameters
CX 22.80 cm
F1P 200.218 ppm
F1 29221.19 Hz
F2P -2.295 ppm
F2 -283.80 Hz
PMD 8.89332 ppm/cm
PC 1118.63086 Hz/cm

ppm

150

140

120

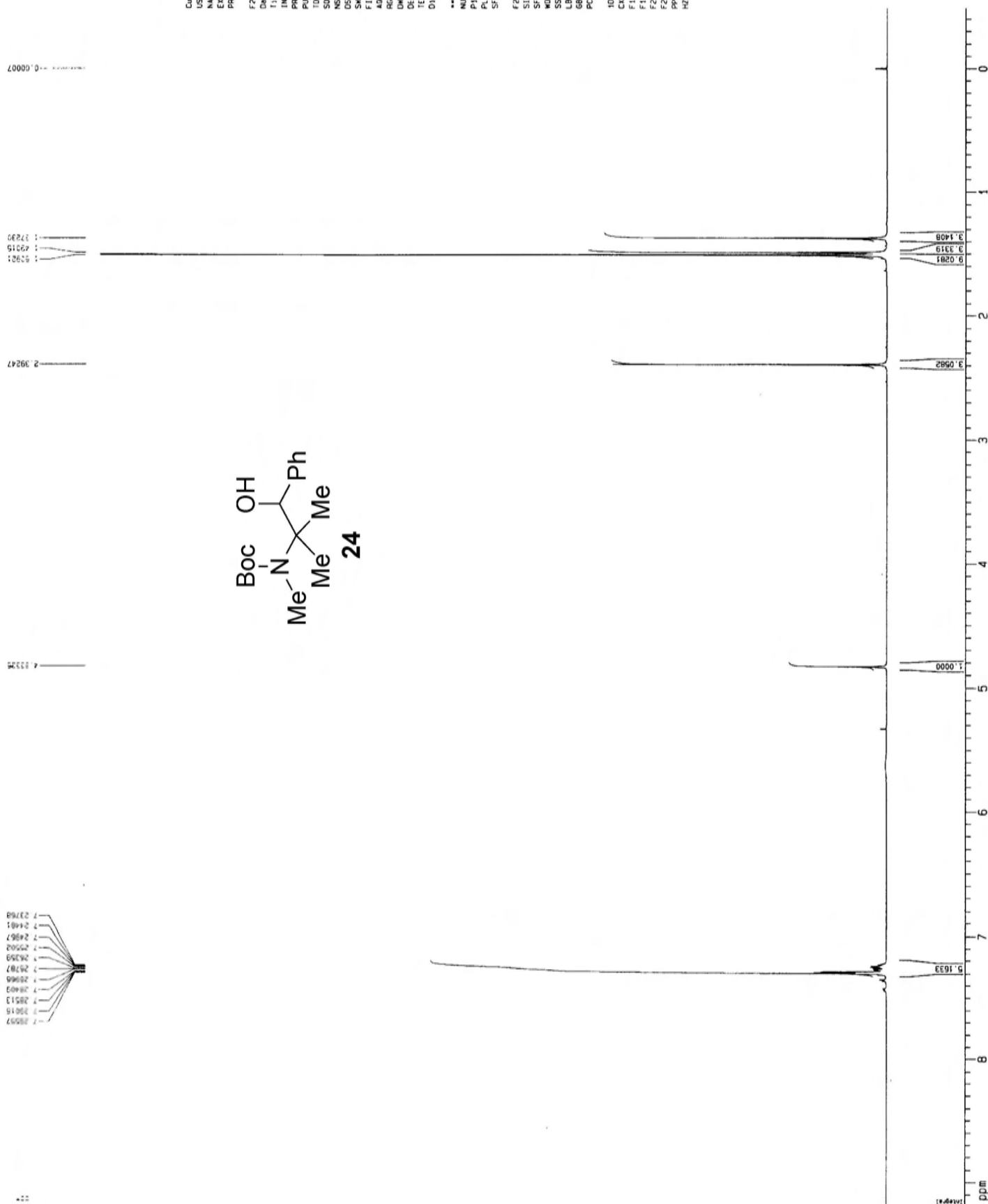
100

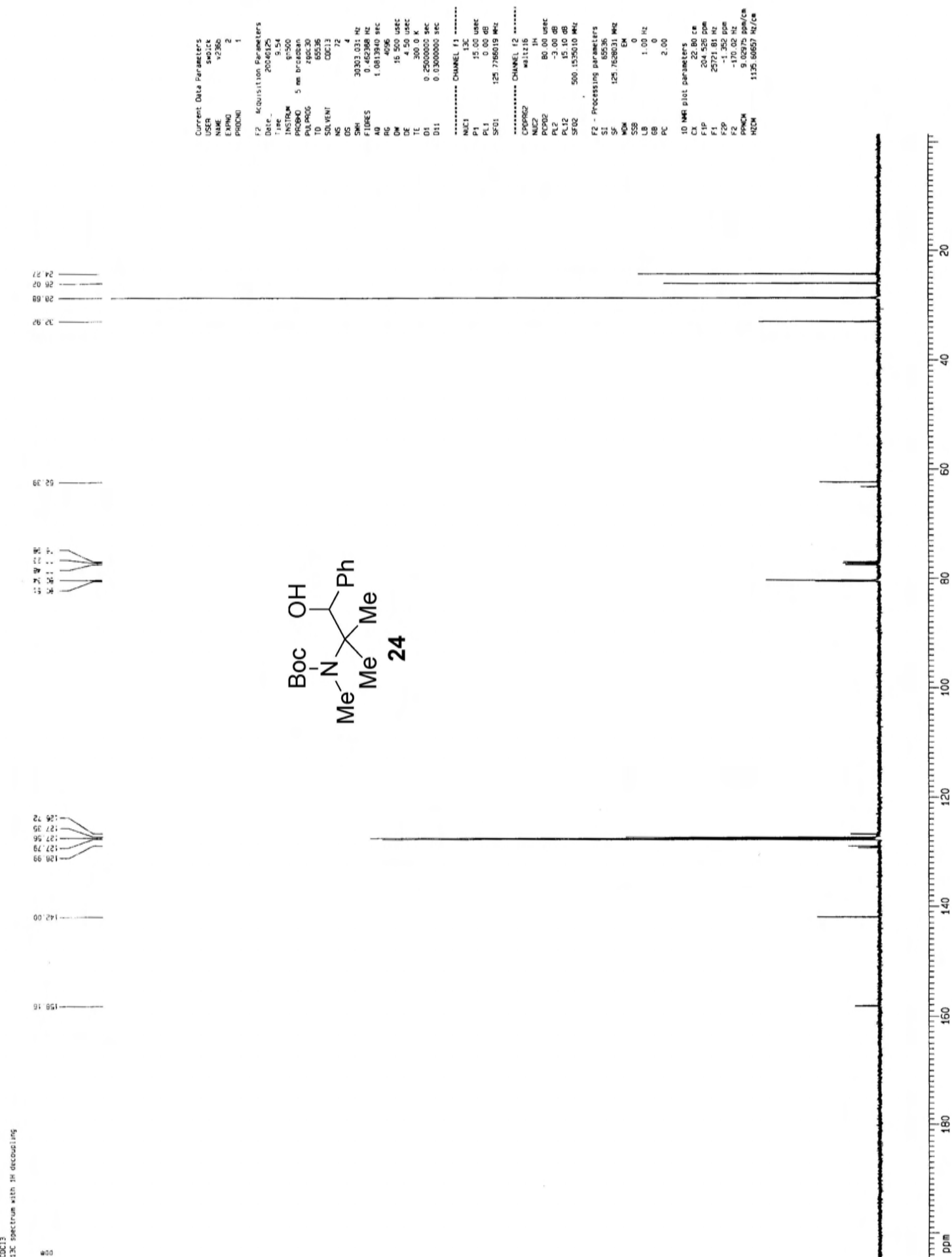
80

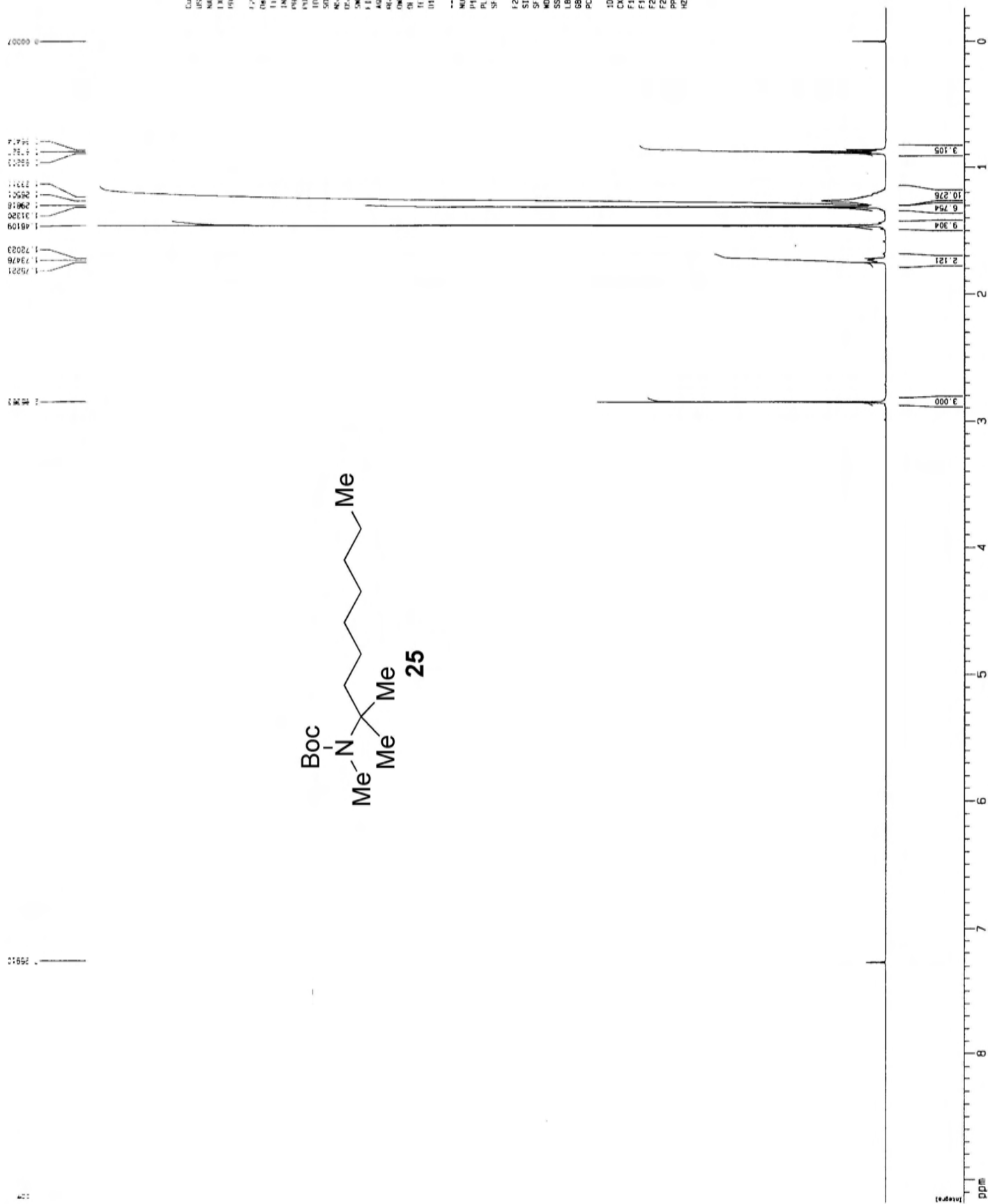
60

40

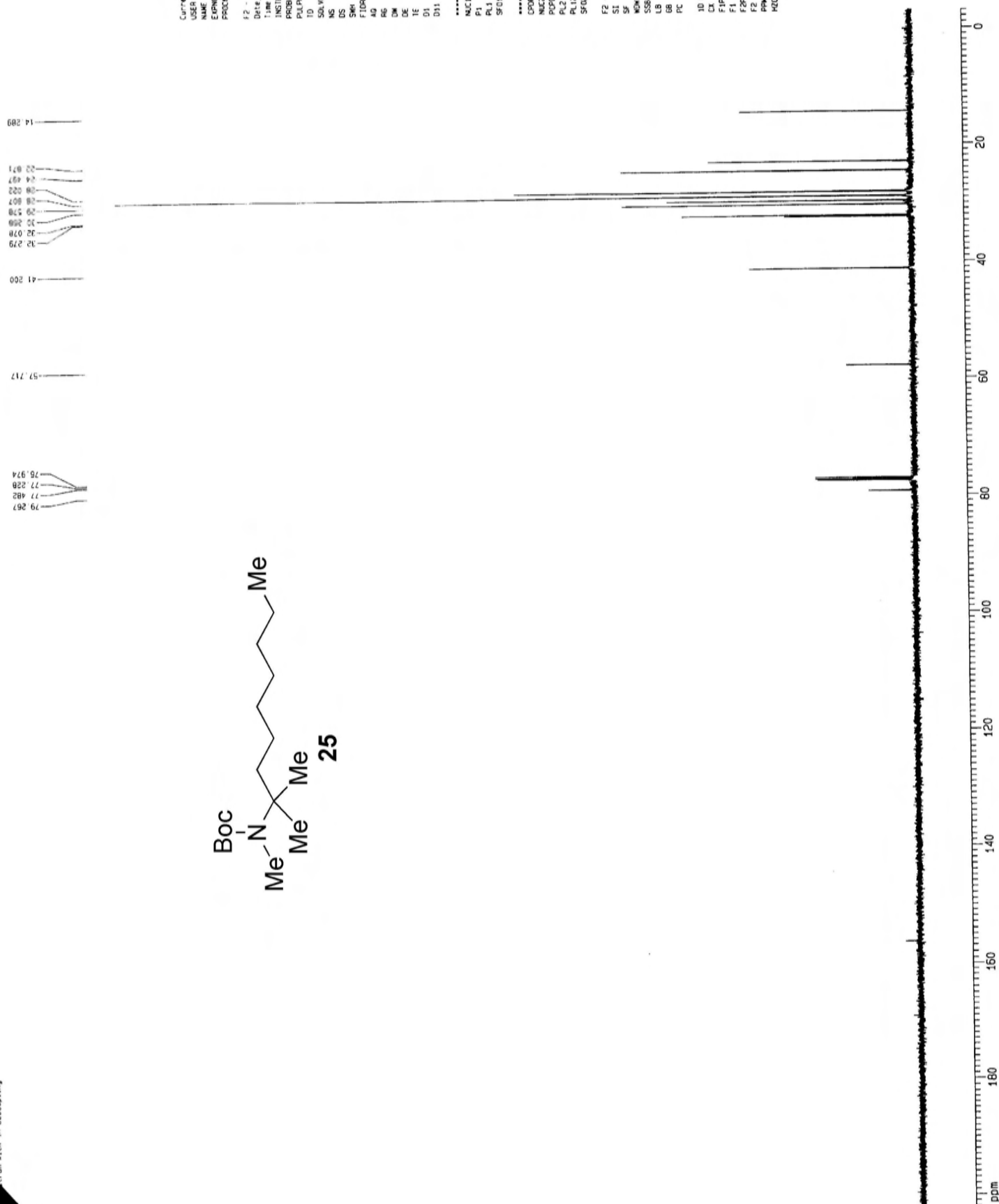
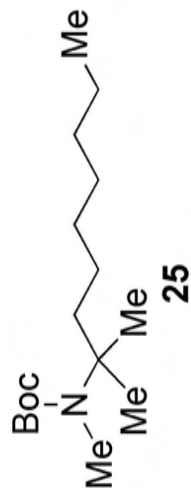
20







run with 1H decoupling



Current Data Parameters
 USER: srolick
 NAME: x271b
 EXPNO: 2
 PROCNO: 1

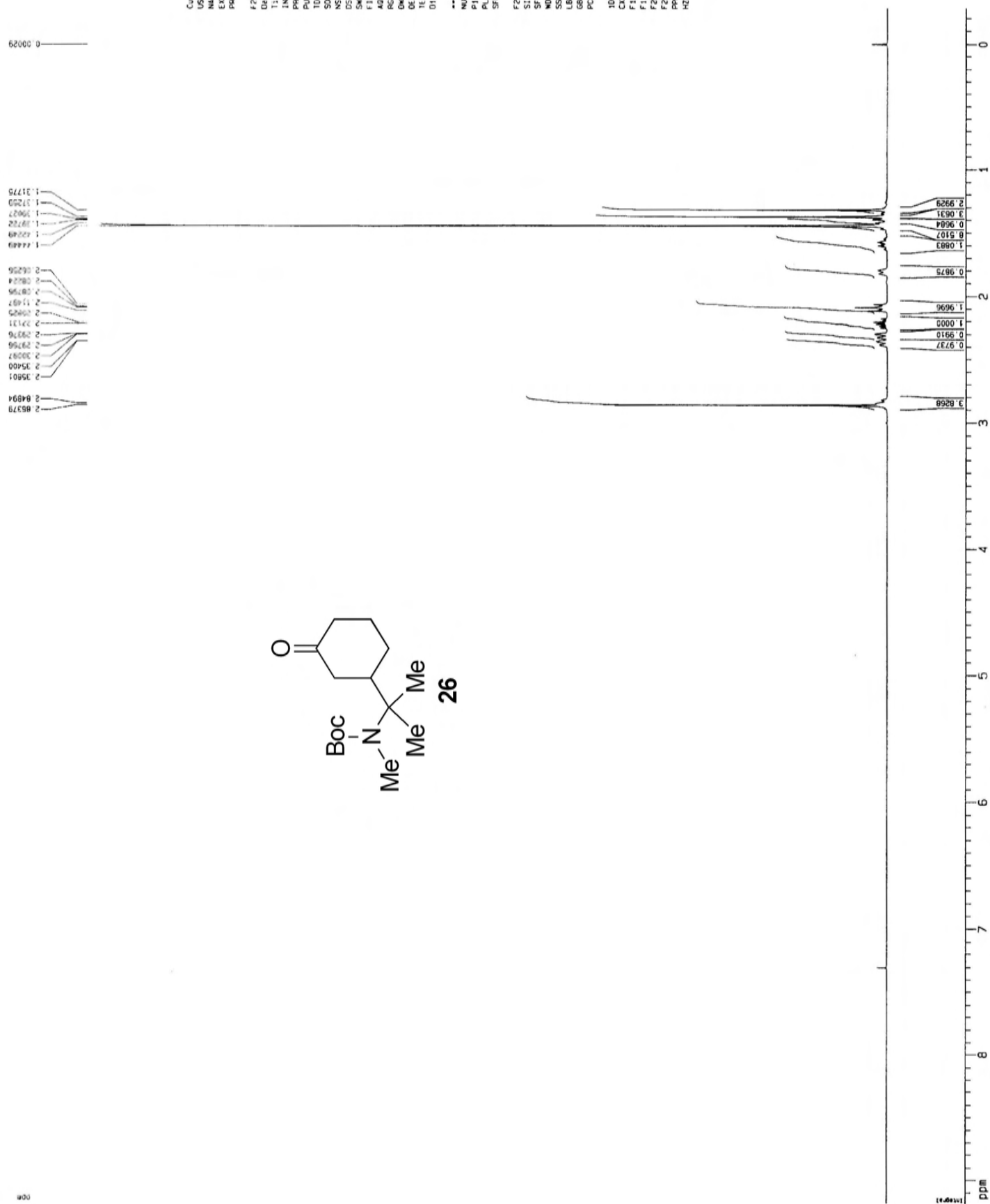
F2 - Acquisition Parameters
 Date_: 20040125
 Time: 10.09
 INSTRUM: spect
 PULPROG: zgpg30
 SOLVENT: CDCl3
 NS: 1024
 DS: 4
 SWH: 3033.031 Hz
 FIDRES: 0.45238 Hz
 AQ: 1.081598 sec
 RG: 327.5
 DB: 15.500 usec
 DE: 4.50 usec
 TE: 300.2 K
 D1: 0.2500000 sec
 D11: 0.0300000 sec

===== CHANNEL f1 =====
 NUC1: 13C
 P1: 15.00 usec
 PL1: 0.00 dB
 SF01: 125.776519 MHz

===== CHANNEL f2 =====
 CDP062: zgpg30
 NUC2: 1H
 P2: 80.00 usec
 PL2: -3.00 dB
 PL12: 15.10 dB
 SF02: 500.1535019 MHz

F2 - Processing parameters
 SI: 65536
 SF: 125.7627948 MHz
 WDM: EM
 SSF: 0
 LB: 1.00 Hz
 GB: 0
 PC: 1.00

1D NMR plot parameters
 CX: 22.80 cm
 FIP: 202.305 ppm
 F1: 25442.43 Hz
 F2P: -3.065 ppm
 F2: -385.47 Hz
 PH00H: 0.0043 ppm/cm
 PC0H: 1132.80261 Hz/cm



Current Data Parameters
 USER: smolick
 NAME: v266a
 EPMAC: 2
 PROCNO: 1

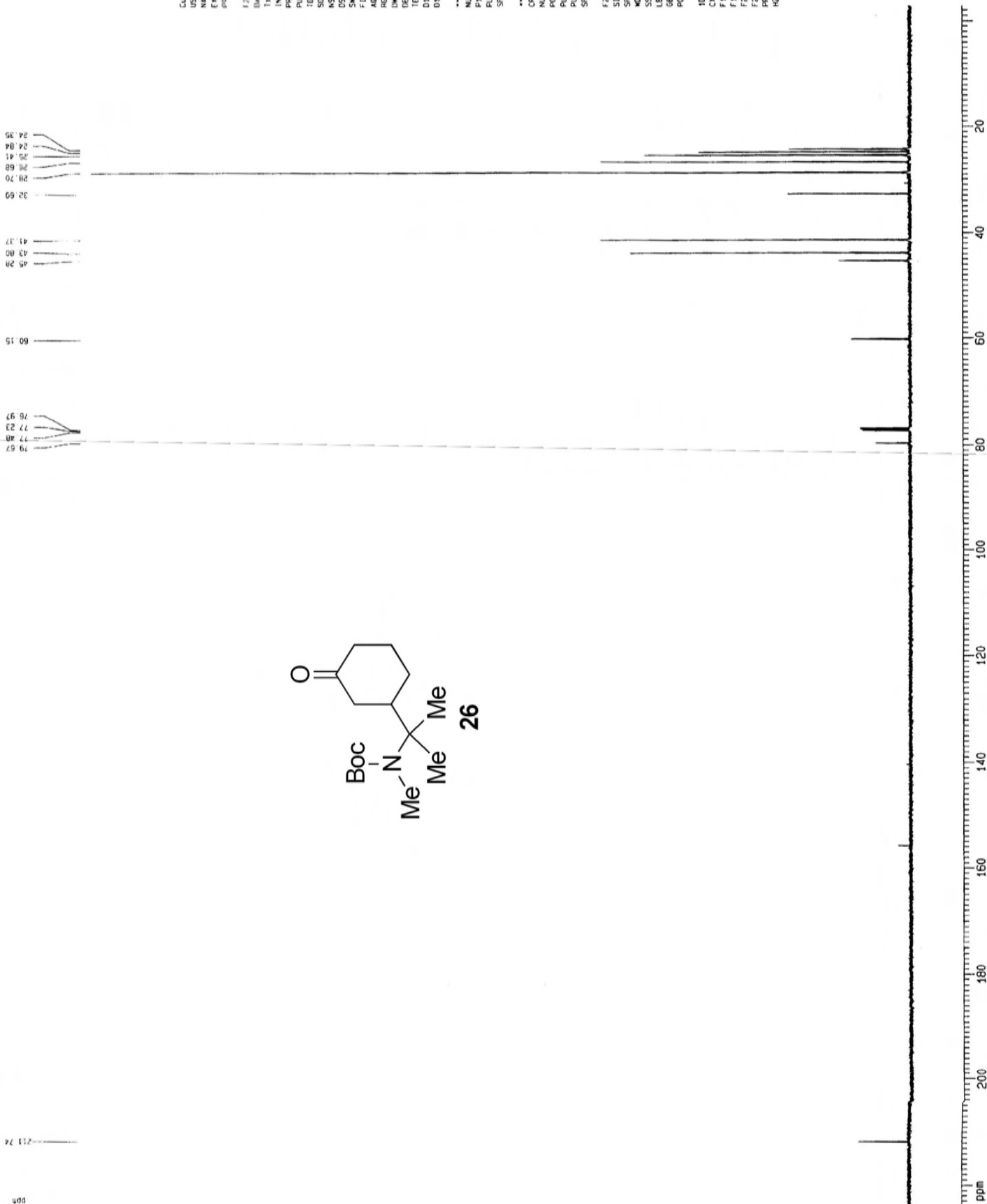
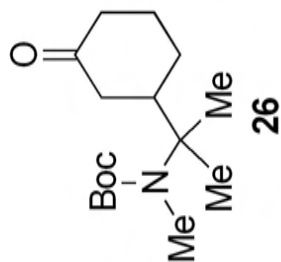
F2 - Acquisition Parameters
 Date_: 20040125
 Time: 10.01
 INSTRUM: gpc500
 PULPROG: zgpg30
 FIDRES: 0.462388 Hz
 AQ: 1.0813940 sec
 RG: 40296
 INM: 16.500 uSAC
 DE: 4.50 uSAC
 TE: 300.0 K
 D1: 0.25000000 sec
 D11: 0.03000000 sec

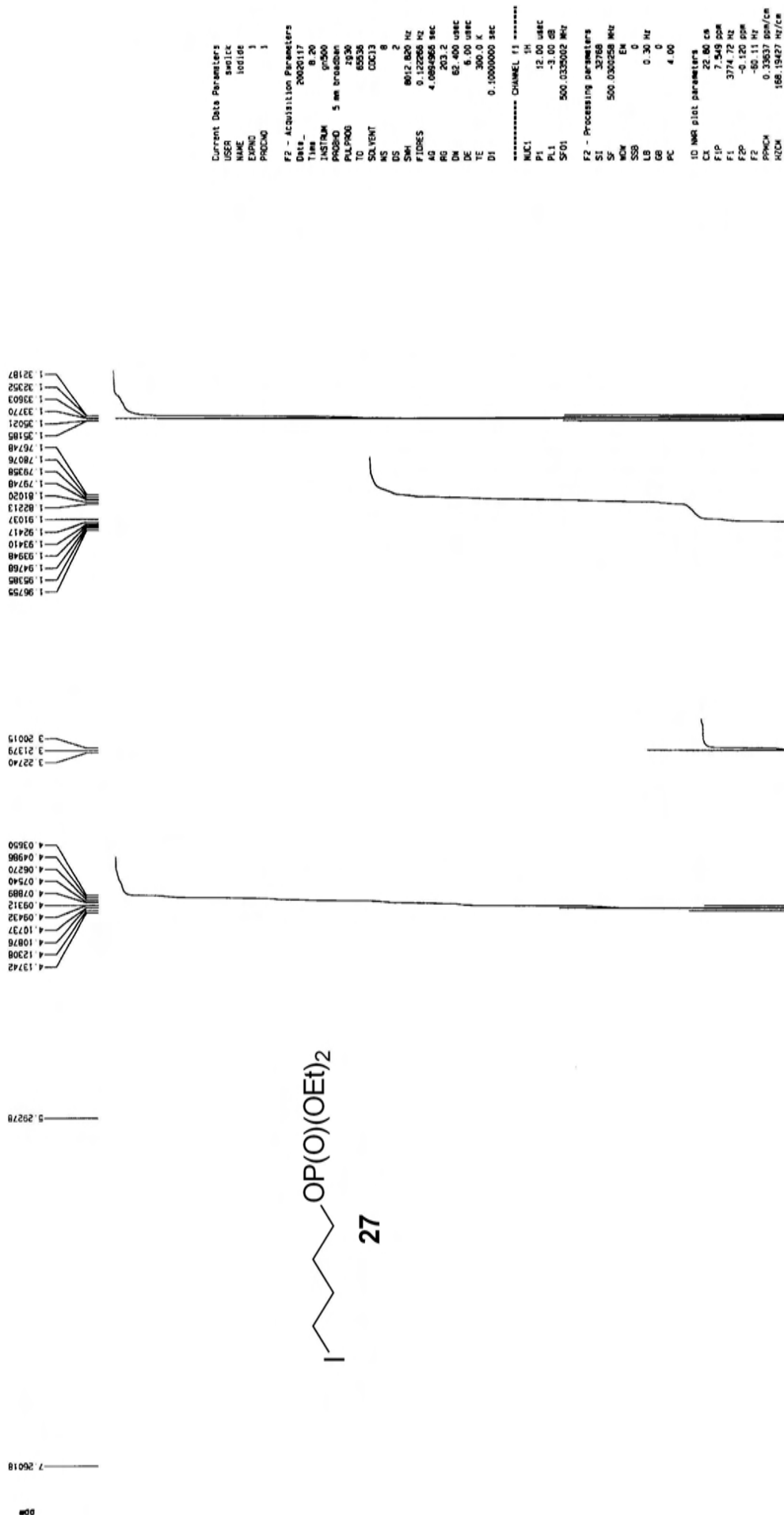
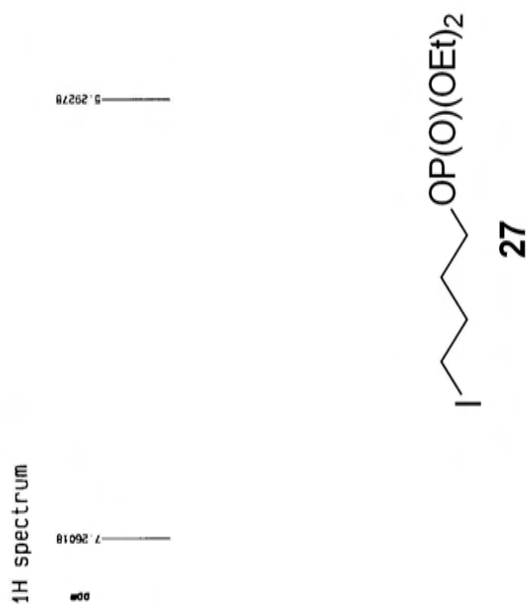
----- CHANNEL f1 -----
 NUC1: ¹³C
 P1: 15.00 uSAC
 PL1: 0.00 dB
 SF01: 125.7600000 MHz

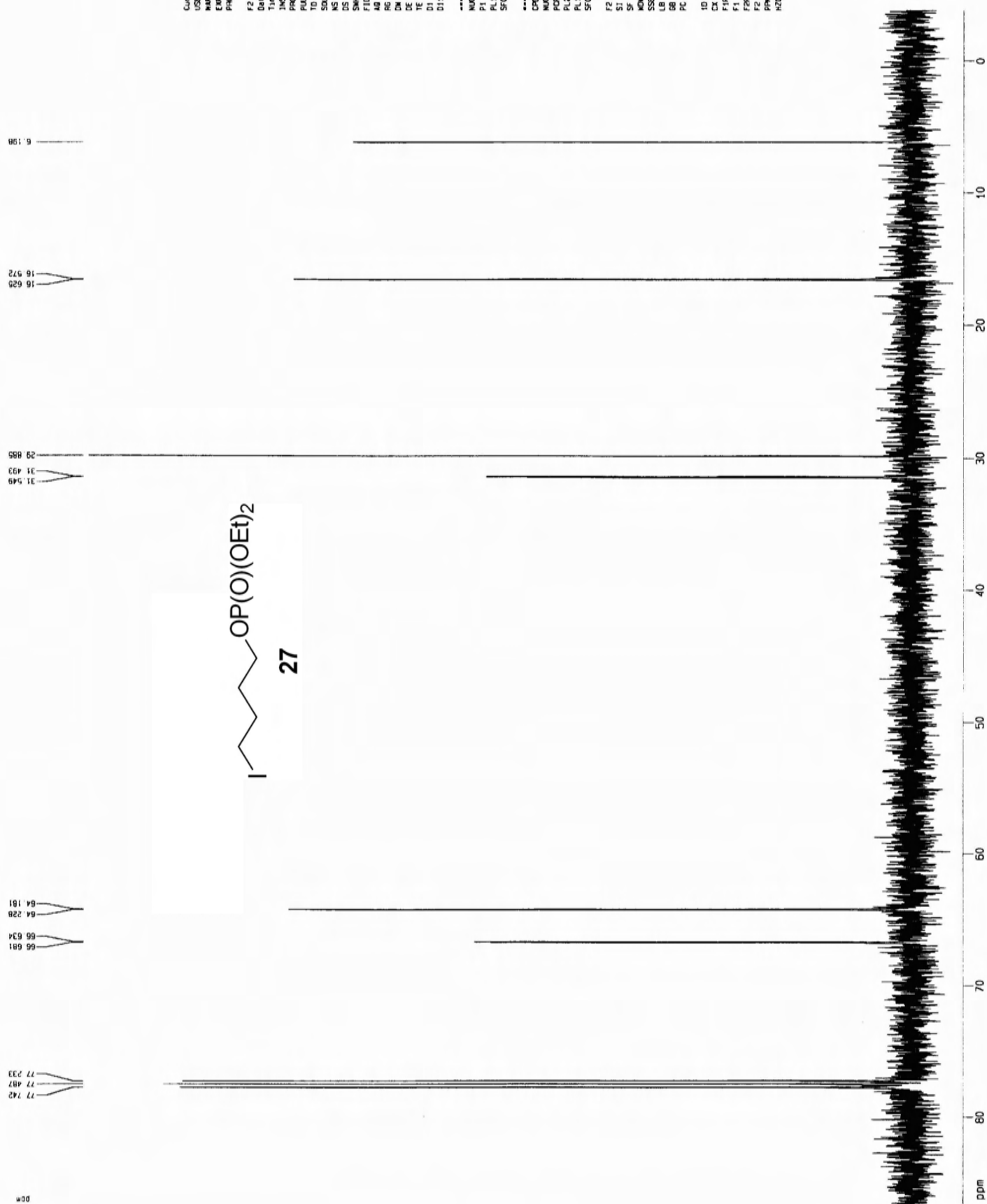
----- CHANNEL f2 -----
 CPDPRG2: waltz16
 NUC2: ¹H
 P2: 80.00 uSAC
 PL2: -3.00 dB
 PL12: 15.10 dB
 SF02: 500.1530010 MHz

F2 - Processing parameters
 SI: 65536
 SF: 125.7628006 MHz
 WDW: EM
 SSB: 0
 LB: 1.00 Hz
 GB: 0
 PC: 0.20

1D NMR plot parameters
 CH1: 27.80 cm
 FID: 203.662 cm
 F1: 20153.47 Hz
 F2: -2.859 cm
 FPMCM: 9.94387 cm/cm
 HZCM: 1250.56921 Hz/cm

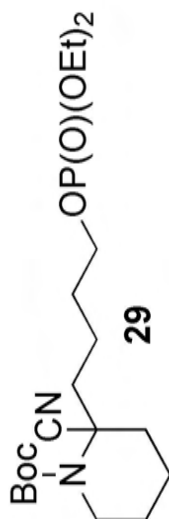






1.33119
1.34532
1.35845
1.51086
1.51086
1.66211
1.66350
1.73314
1.74547
1.75102
1.99824
2.00764

4.04949
4.06301
4.10112
4.11539
4.11677
4.12965
4.13106



Current Data Parameters
USER: smw
NAME: 111214a
PROCNO: 1
PROBHD: 5 mm
Date_: 20040211
Time: 19.42
INSTRUM: omega500
PROBHD: 5 mm
PULPROG: zgpg30
TO: 81726
SOLVENT: CDCl3
NS: 8
DS: 2
SWH: 6012.820 Hz
FIDRES: 0.096043 Hz
AQ: 5.0969774 sec
RG: 32
AQ: 62.400 sec
DE: 4.00 sec
TE: 300.0 K
D1: 0.10000000 sec
***** CHANNEL f1 *****
NUC1: 1H
P1: 13.00 usec
PL1: -1.00 dB
PR01: 900 MHz
F2 - Processing parameters
SI: 80036
SF: 500 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 4.00
ID: NMR D101 parameters
CX: 22.80 cm
FIP: 9.209 cm
F1: 4605.45 Hz
F2: -0.450 cm
F3: -230.19 Hz
PPH1: 0.42408 ppm/cm
NUC2: 212.13353 Hz/cm

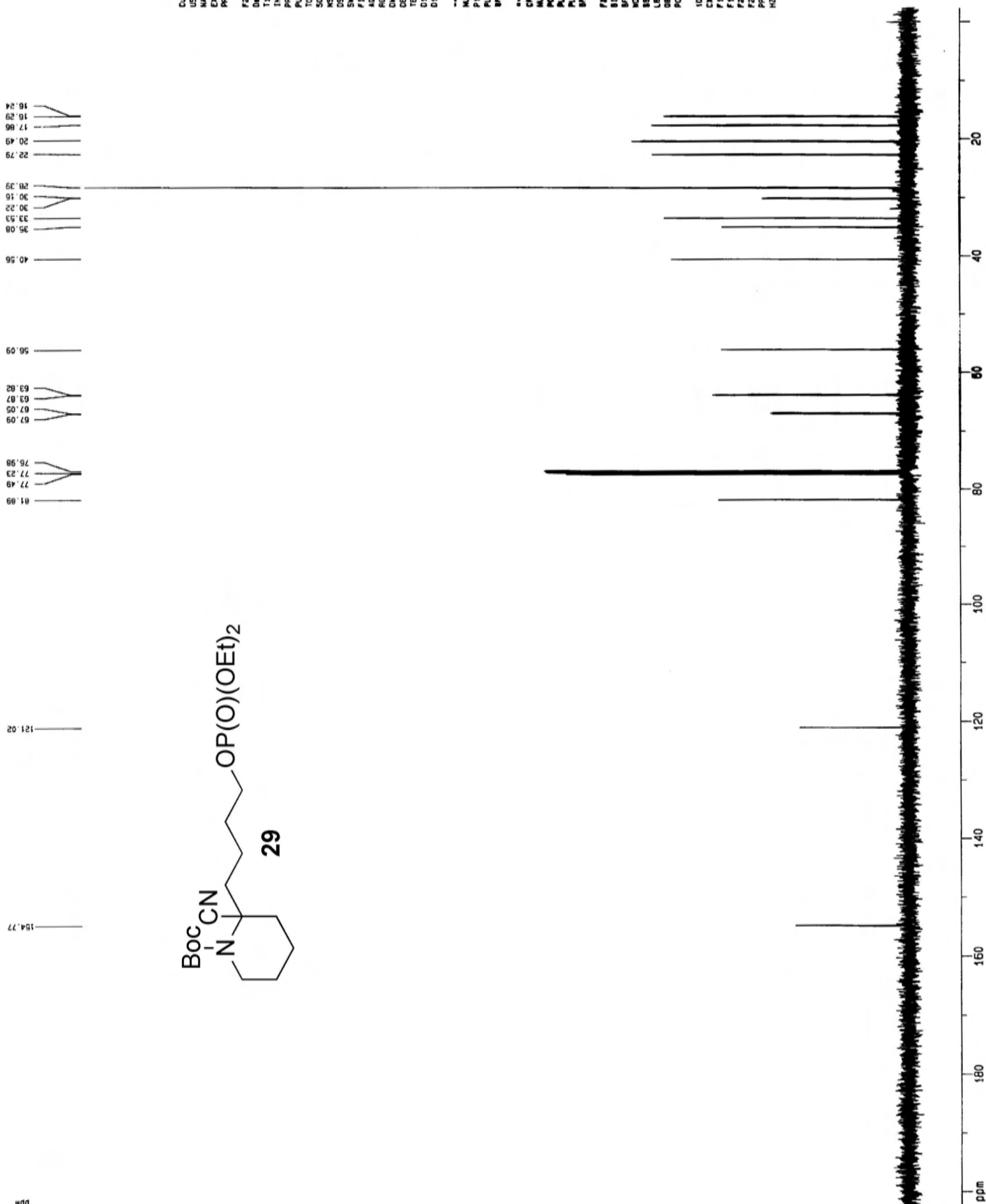
SMW-111-214a
500 MHz
CDCl3
1H SPECTRUM

ppm

Integr.

ppm

Spectrum with 1H decoupling



Current Data Parameters
USER swick
NAME 111214a
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20040211
Time 19.44
INSTRUM oegav300
PROBHD 5 mm broadband
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 128
DS 4
SWH 30303.031 Hz
FIDRES 0.462386 Hz
AQ 1.0813540 sec
RG 5160.6
DM 18.500 usec
DE 4.50 usec
TE 300.2 K
D1 0.25000000 sec
D11 0.03000000 sec

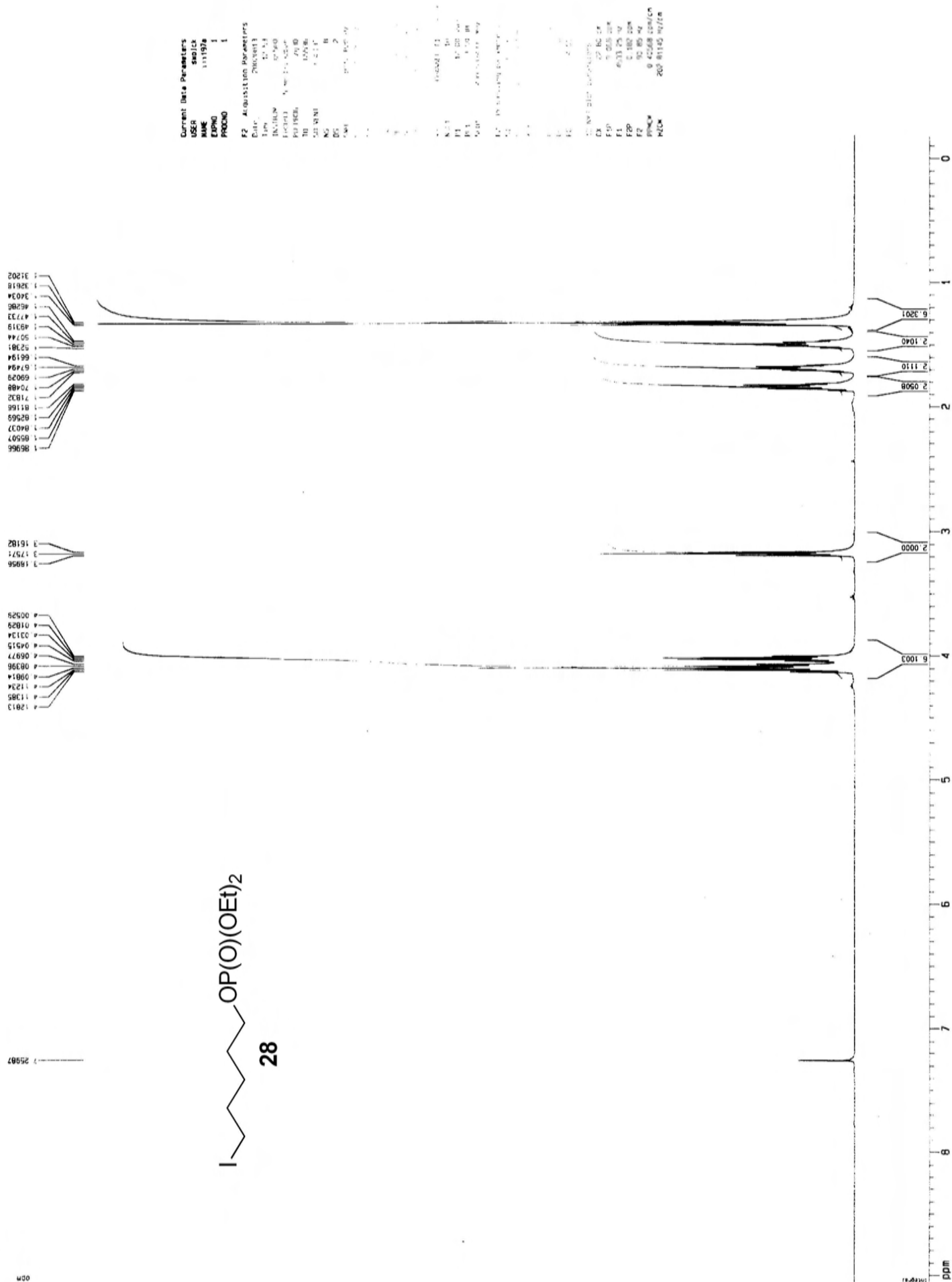
----- CHANNEL f1 -----
NUC1 13C
P1 22.50 usec
PL1 -1.00 dB
PR1 135.794500 MHz

----- CHANNEL f2 -----
CPDPRG2 waltz16
NUC2 1H
P2 80.00 usec
PL2 -1.00 dB
PR2 400.146000 MHz

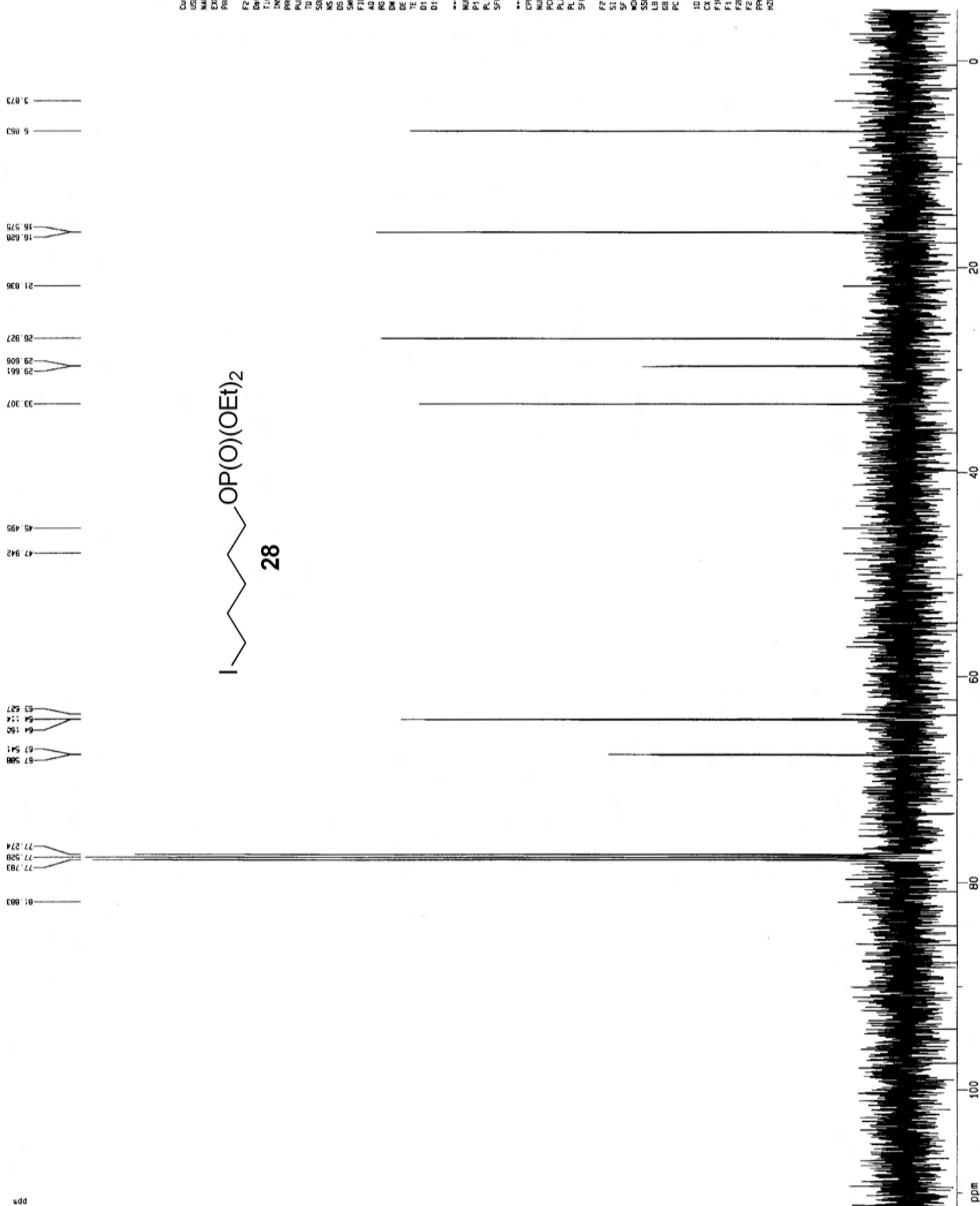
F2 - Processing parameters
SI 65536
SF 125.766475 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 2.00

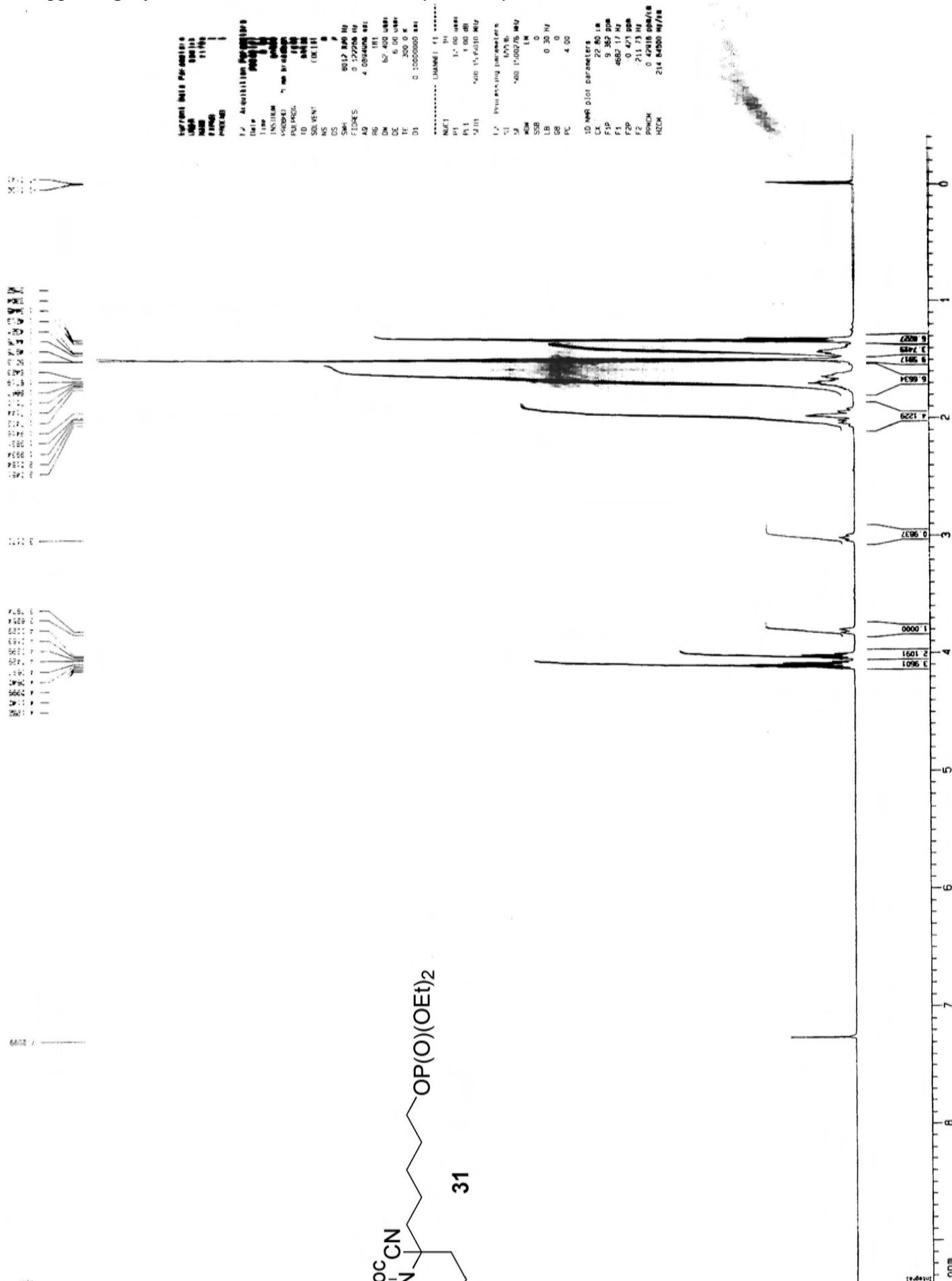
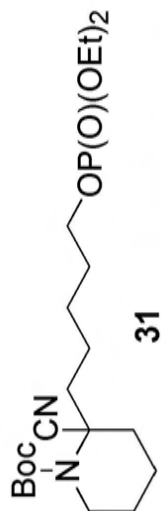
1D NMR plot parameters
SI 65536
SF 125.766475 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 2.00

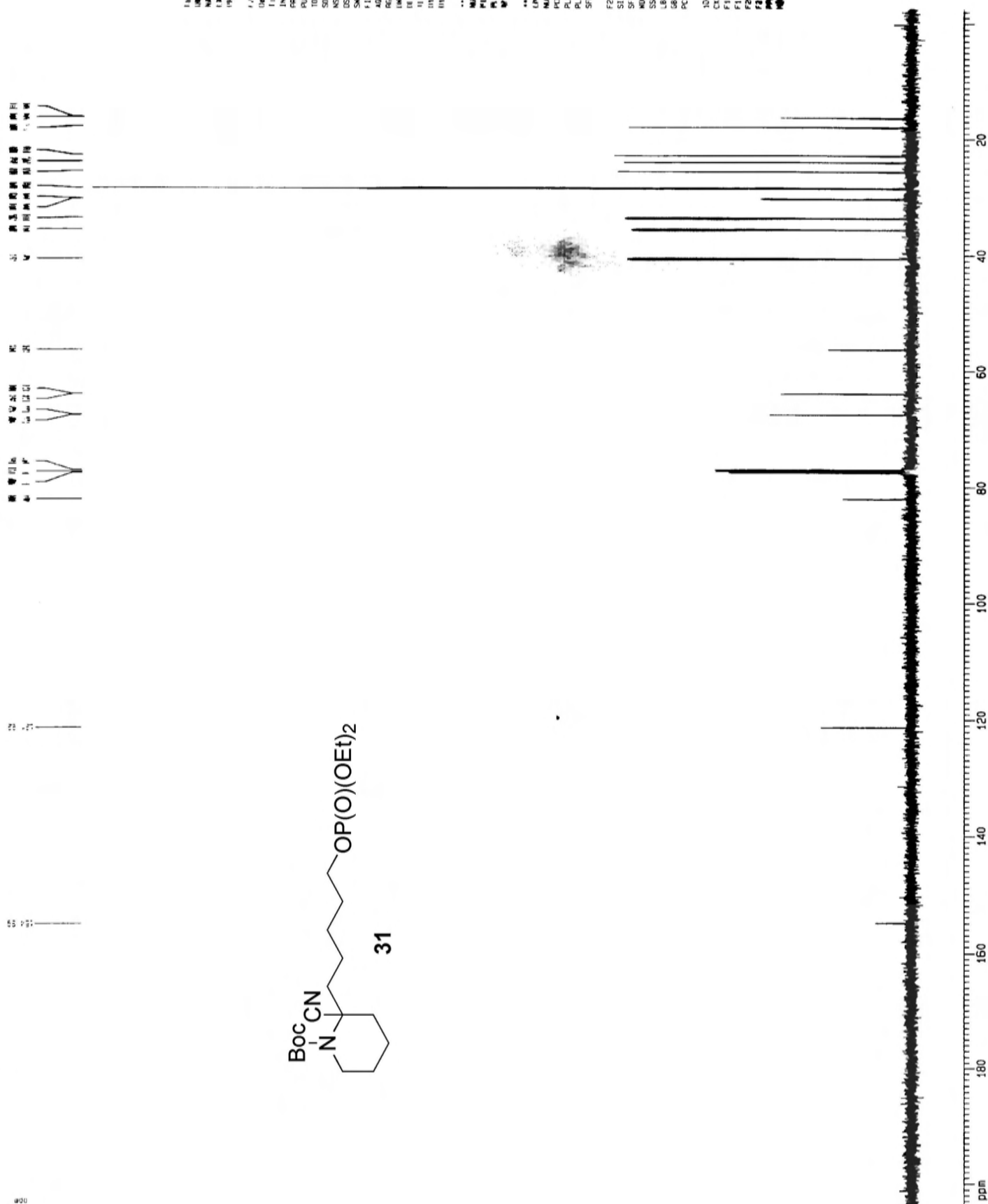
2D NMR plot parameters
SI 65536
SF 125.766475 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 2.00

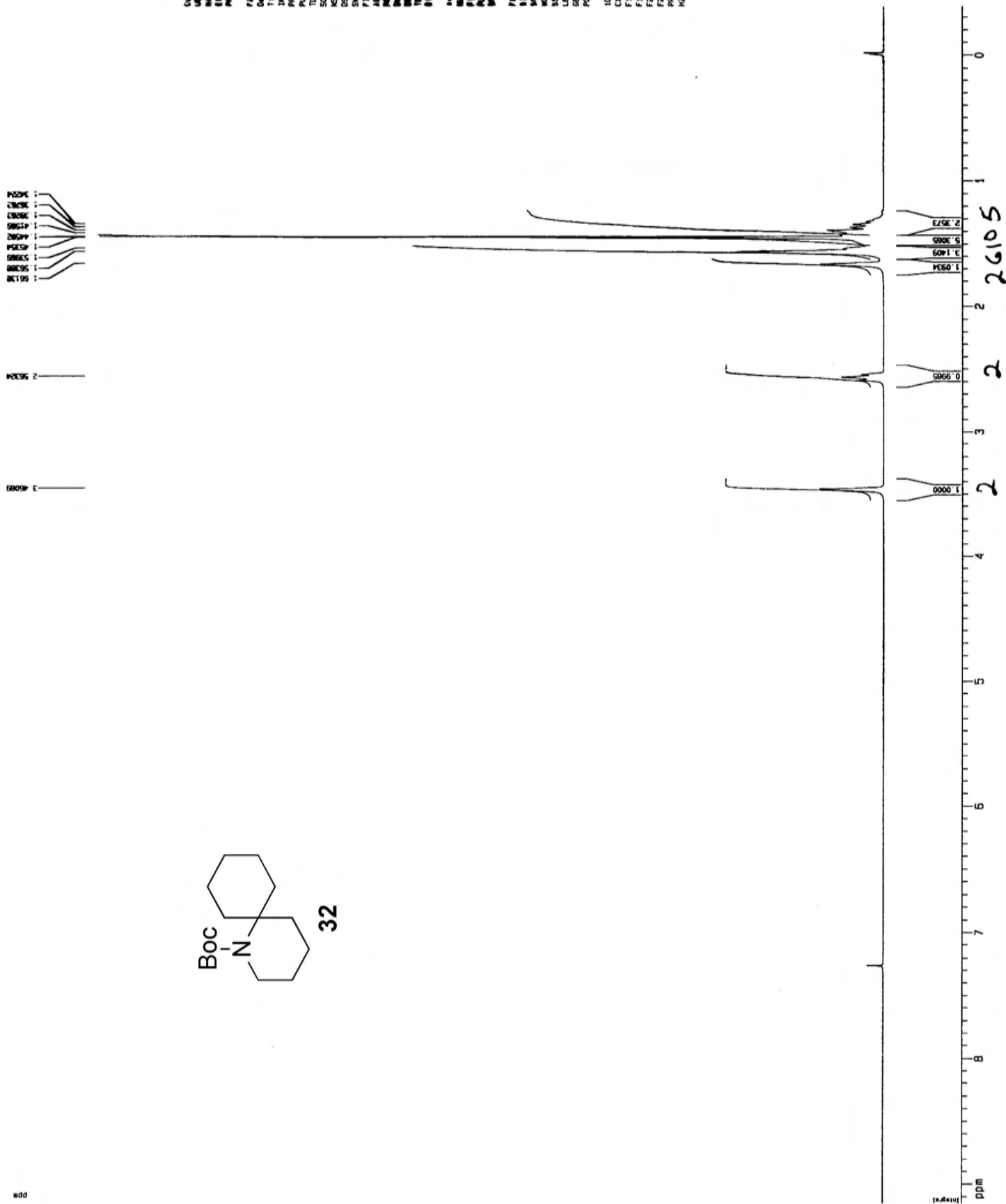
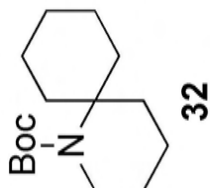


11-197A
100 MHz
CDCl₃
13C spectrum with 1H decoupling



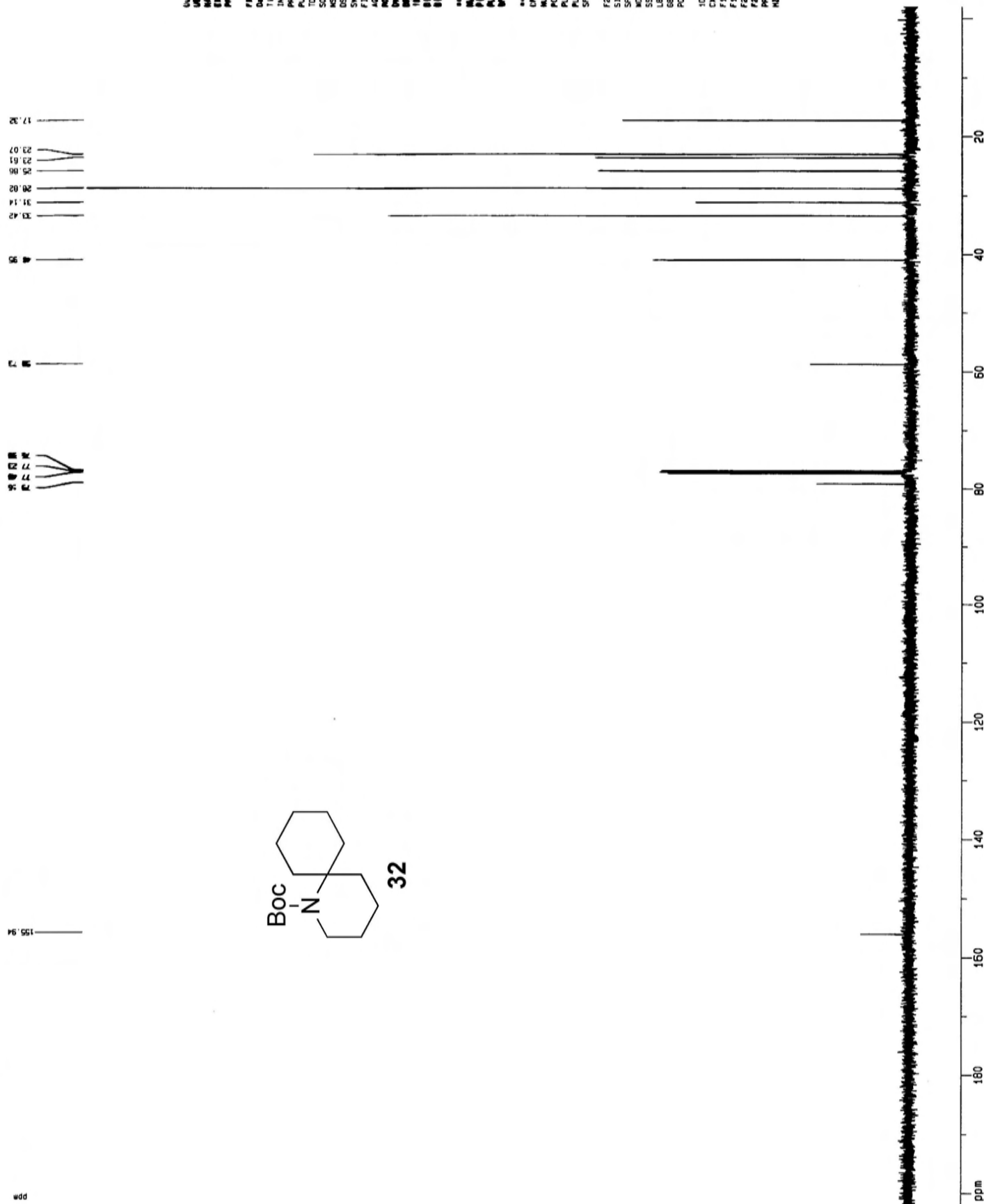






SAM-VI-11A
500 MHz
CDCl₃
1H spectrum

13C spectrum with 1H decoupling



Current Data Parameters
 Date_ 09/09/10
 Time 14:00
 INSTRUM spect
 PROBR 13H
 PULPROG zgpg30
 TO 1000000
 SOLVENT CDCl3
 NS 171
 DS 4
 SWH 30303.031 Hz
 FIDRES 0.462300 Hz
 AQ 1.0813640 sec
 RG 9192.2
 DW 16.500 usec
 DE 4.50 usec
 TE 300.0 K
 D1 0.0000000 sec
 B1 0.0000000 sec
 B11 0.0000000 sec

===== CHANNEL f1 =====
 NU1 13C
 PR1 32.50 usec
 PL1 -5.00 dB
 RF1 125.762048 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 MUX2 SH
 PCPD2 80.00 usec
 PL2 -1.00 dB
 PL12 14.40 dB
 SF02 500.223013 MHz

F2 - Processing parameters
 SI 65536
 SF 125.7603592 MHz
 MDW EN
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 2.00

10 MS plot parameters
 CX 30.00 sec
 FIP 202.837 sec
 F1 20414.37 Hz
 F2 -1.000 sec
 F2 -200.00 Hz
 PRACH 8.84687 sec/cyc
 MICH 1100.00000 Hz/sec