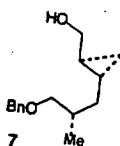
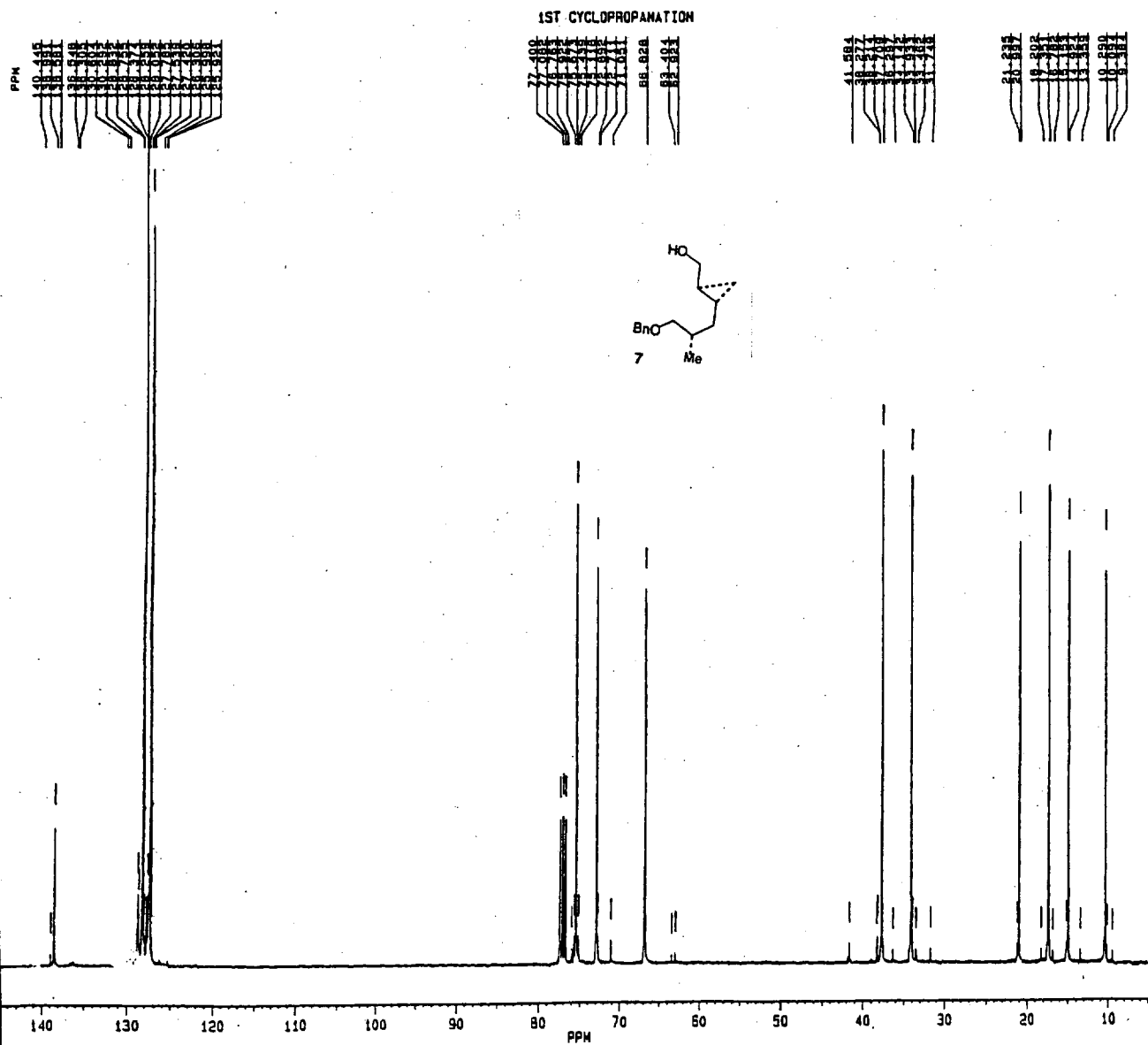


Compound 7



BAUKER

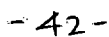
DATE 4-11-99

SF	100.614
SY	74.0
Q1	4970.000
SI	32768
TO	32768
SW	23809.524
HZ/PT	1.453

PW	3.4
RD	2.000
AO	.688
RG	800
NS	752
TE	300

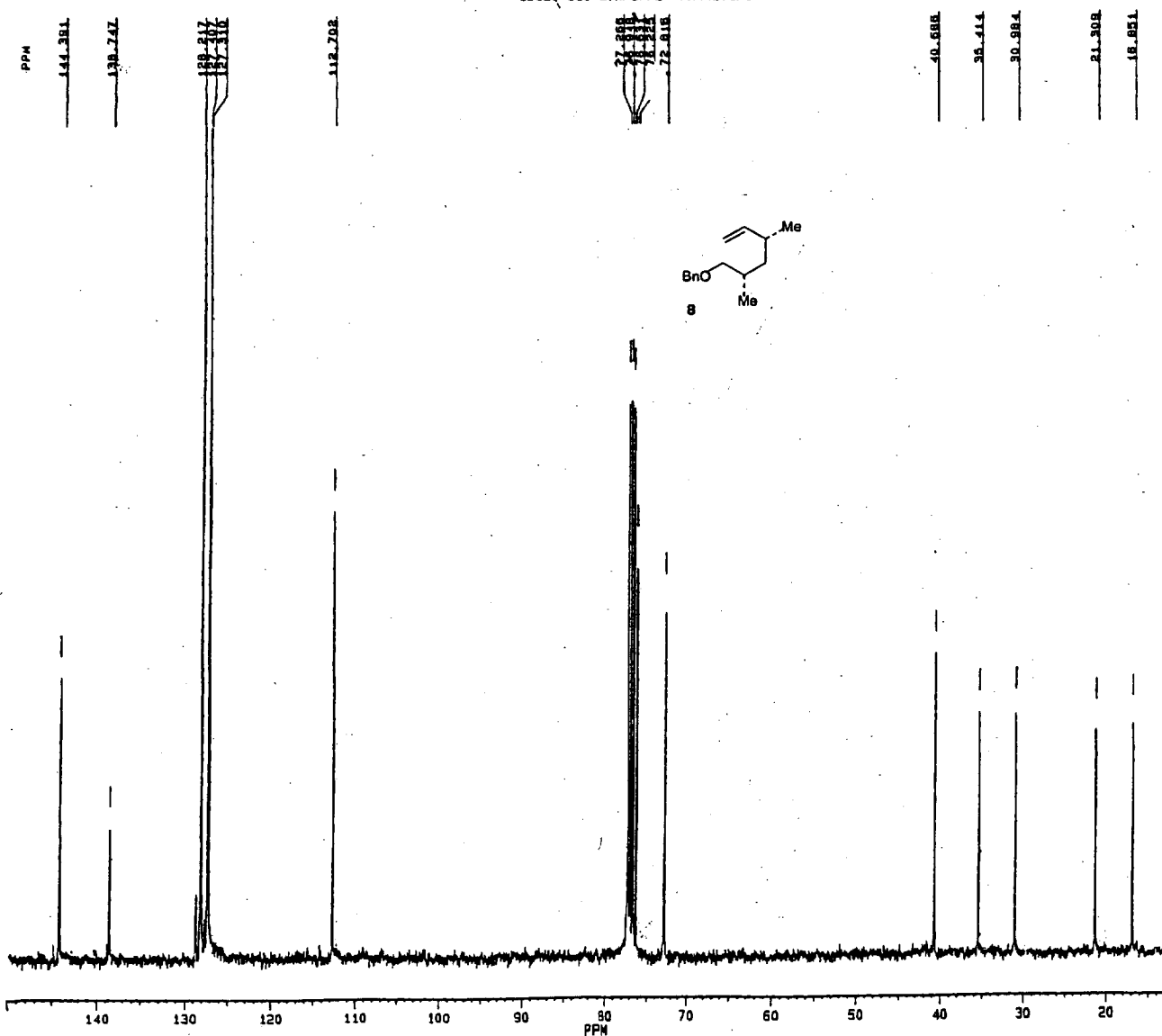
FM 29800
02 6600.000
0P 2L P0

LB	3.000
GB	0.0
CX	34.00
CY	20.00
F1	144.998
F2	4.997
HZ/CM	414.295
PPH/CM	4.118
SR	-6118.00



Compound 8

CDCL3 C13 STANDARD PARAMETERS



JINFENG.C13
DATE 16-10-99

SF 100.614
SY 74.0
Q1 4970.000
S1 32768
T0 32768
SW 23809.524
HZ/PT 1.453

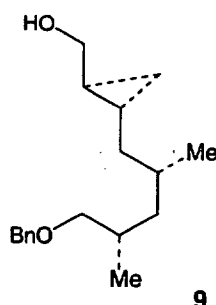
PW 3.4
RD 2.000
AQ .688
RG 800
MS 445
TE 300

FW 29800
Q2 6600.000
DP 2L CPO

LB 3.000
GB 0.0
CX 34.00
CY 20.00
F1 150.010P
F2 12.016P
HZ/CM 408.354
PPM/CM 4.059
SA -5118.00

Compound 9

THIRD CYCLOPROPANE ALCOHOL



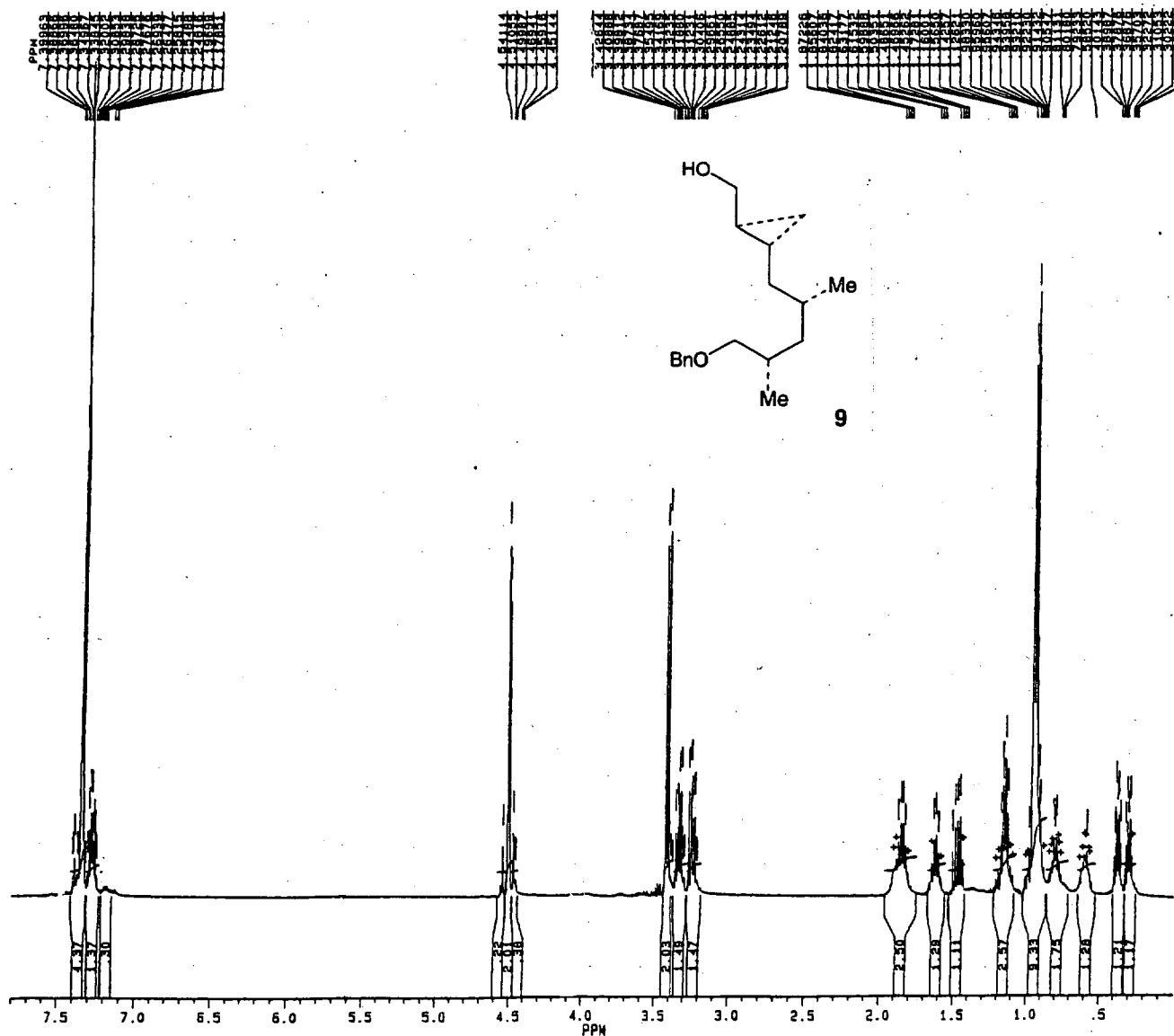
9FIMETH.016
DATE 12-11-99

SF 400.134
SY 133.0
Q1 6600.000
SI 16384
TD 16384
SW 4807.692
HZ/PT .587

PW 6.0
RO 1.000
AQ 1.704
RG 10
NS 8
TE 297

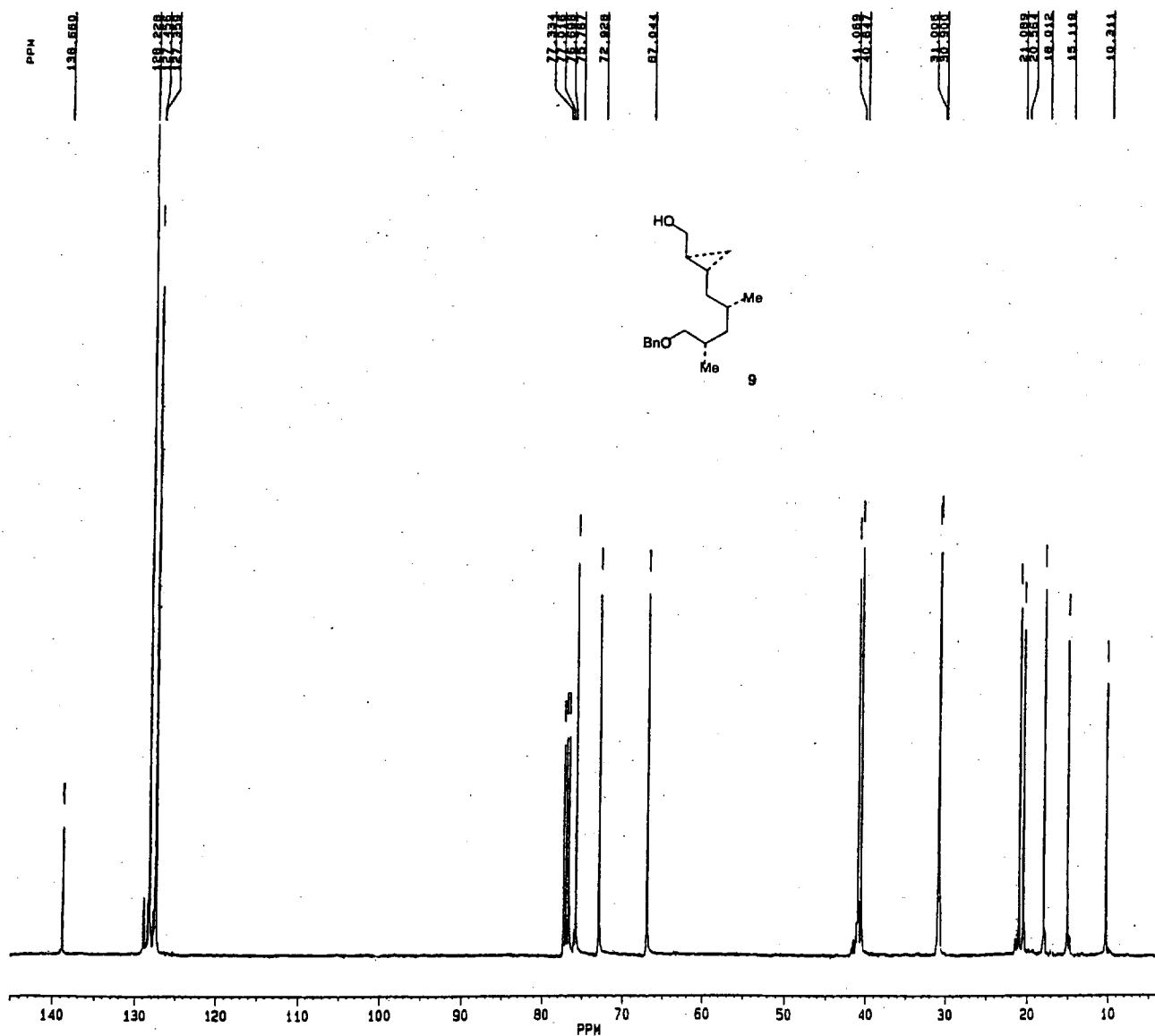
FW 6100
Q2 6600.000
DP 63L P0

LB .100
GB 0.0
CX 34.00
CY 20.00
F1 7.800P
F2 .000P
HZ/CM 91.794
PPM/CM .229
SR 4395.00



Compound 9

THIRD CYCLOPROPANE ALCOHOL



~~BRUKER~~

BFIMETH.016
DATE 12-11-99

SF 100.614
SY 74.0
O1 4970.000
SI 32768
TD 32768
SW 23809.524
HZ/PT 1.453

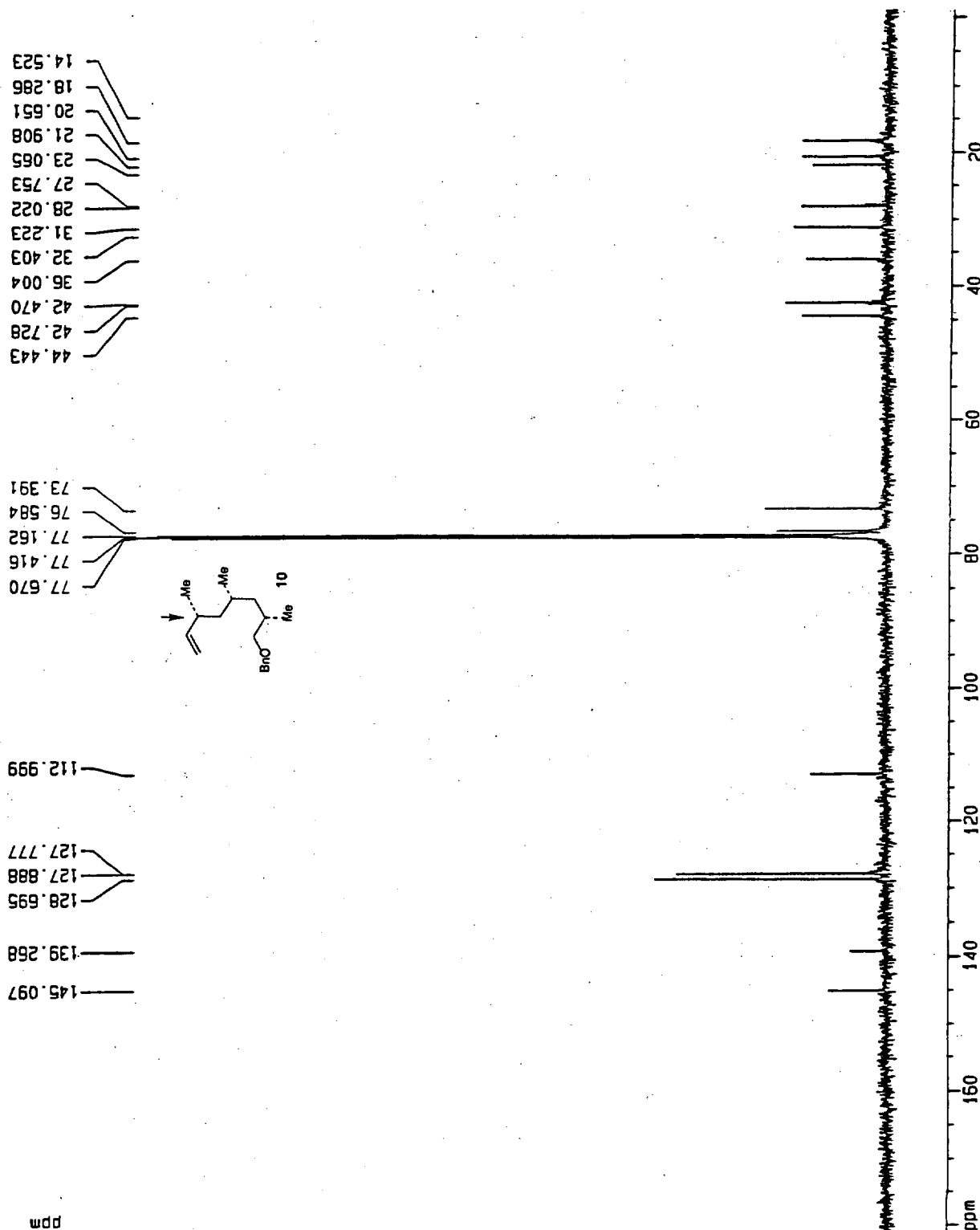
PW 3.4
RD 2.000
AQ 688
RG 800
NS 1584
TE 300

FW 29800
O2 6600.000
DP 2L PQ

LB 3.000
GB 0.0
CX 34.00
CY 20.00
F1 144.998P
F2 3.004P
HZ/CN 420.194
PPM/CN 4.176
SR -6118.00



Current Data Parameters	
NAME	CF1-J
EXPNO	1
PROCNO	1
F2 - Acquisition Parameters	
Date_	20000705
Time	13.28
INSTRUM	spect
PROBHD	5 mm BBI IH-B
PULPROG	zg
TD	16384
SOLVENT	CDC13
NS	8
DS	2
SWH	4789.272 Hz
FIDRES	0.292314 Hz
AQ	1.7105395 sec
RG	57
DM	104.400 usec
DE	6.00 usec
TE	300.0 K
D1	1.00000000 sec
P1	4.00 usec
SFO1	400.1342000 MHz
MUCL	1H
PL1	0.00 dB
F2 - Processing parameters	
SF	8192
SF	400.1320090 MHz
MW	EM
SSB	0
LB	0.10 Hz
GB	0
PC	1.00
1D NMR plot parameters	
CX	20.00 cm
F1P	7.589 ppm
F1	3036.60 Hz
F2P	0.643 ppm
F2	257.15 Hz
PPMCH	0.34732 ppm/cm
HZCH	139.97223 Hz/cm



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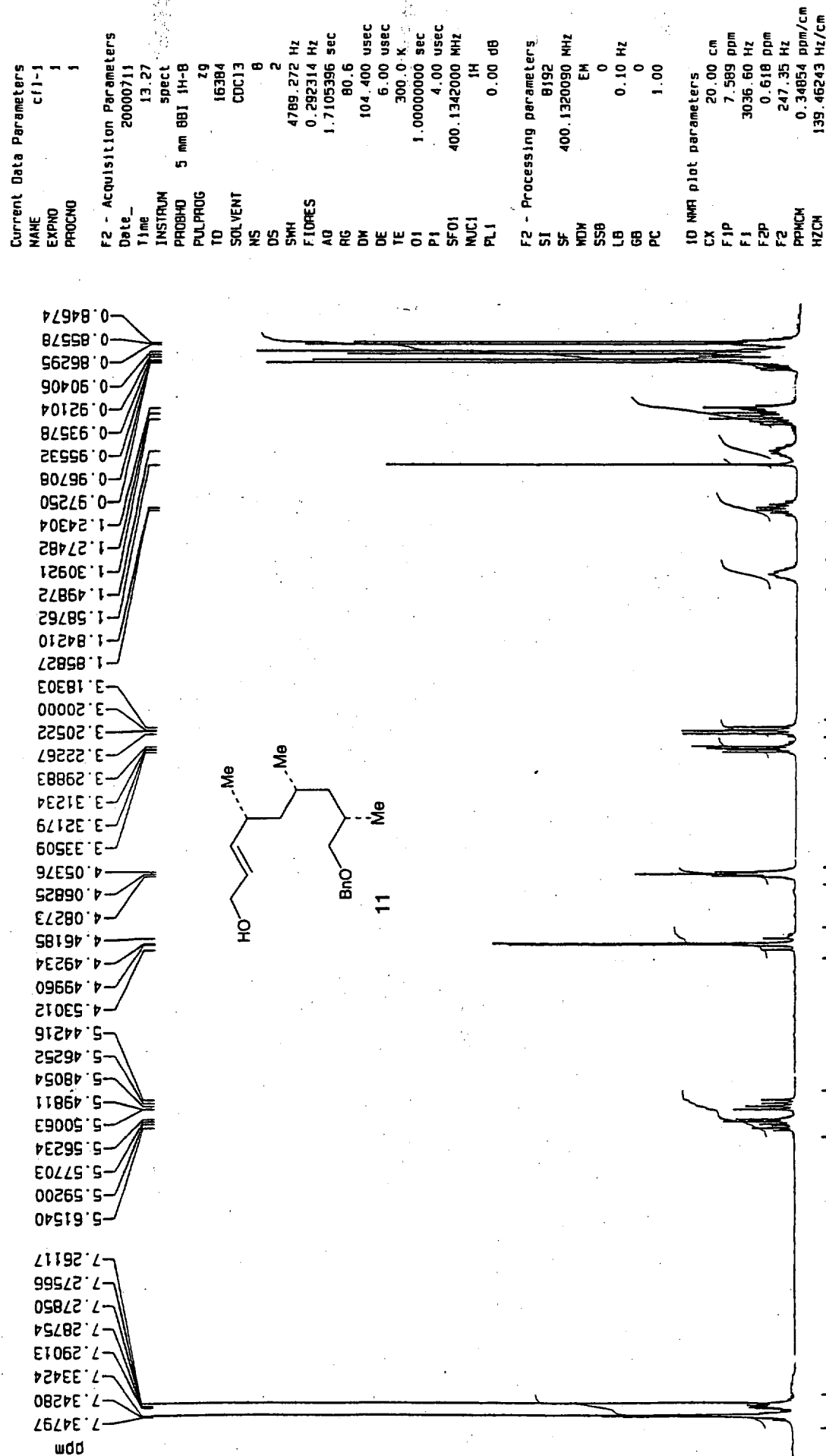
Current Data Parameters	
NAME	cfl-1
EXPNO	2
PPROCN0	1

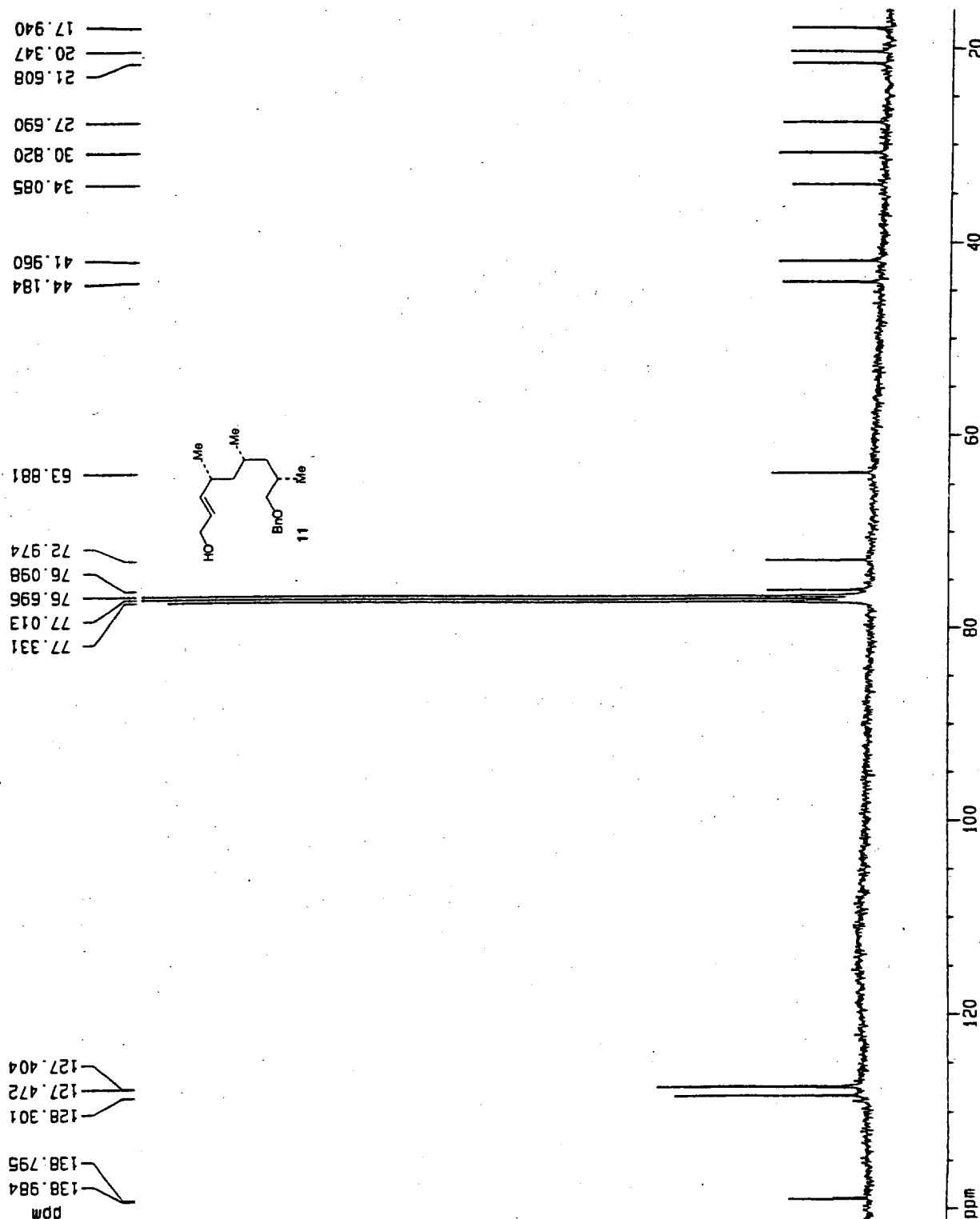
F2 - Acquisition Parameters	
Date_	20000705
Time	13.57
INSTRUM	spect
PROBHD	5 mm 880 B8-1
PULPROG	zgpg
TD	32768
SOLVENT	CDC13
NS	493
DS	2
SMH	30303.031 Hz
FIDRES	0.924775 Hz
AQ	0.5407250 sec
RG	13004
DM	16.500 usec
DE	6.00 usec
TE	300.0 K
d11	0.03000000 sec
d12	0.00002000 sec
PL13	22.00 dB
01	2.00000000 sec
CPDPRG2	waltz16
PCPD2	80.00 usec
SF02	500.1320000 MHz
MU22	1H
PL2	3.00 dB
PL12	22.00 dB
P1	3.00 usec
SF01	125.7715724 MHz
MU1	13C
PL1	0.00 dB

F2 - Processing parameters	
SI	32768
SF	125.7577390 MHz
M0W	EM
SSB	0
L8	3.00 Hz
GB	0
PC	1.40

10 NMR plot parameters	
CX	20.00 Cm
FIP	181.000 ppm
F1	22762.15 Hz
F2P	-1.000 ppm
F2	-125.76 Hz
PPMCM	9.10000 ppm/c
HZCM	1144.39539 Hz/cm

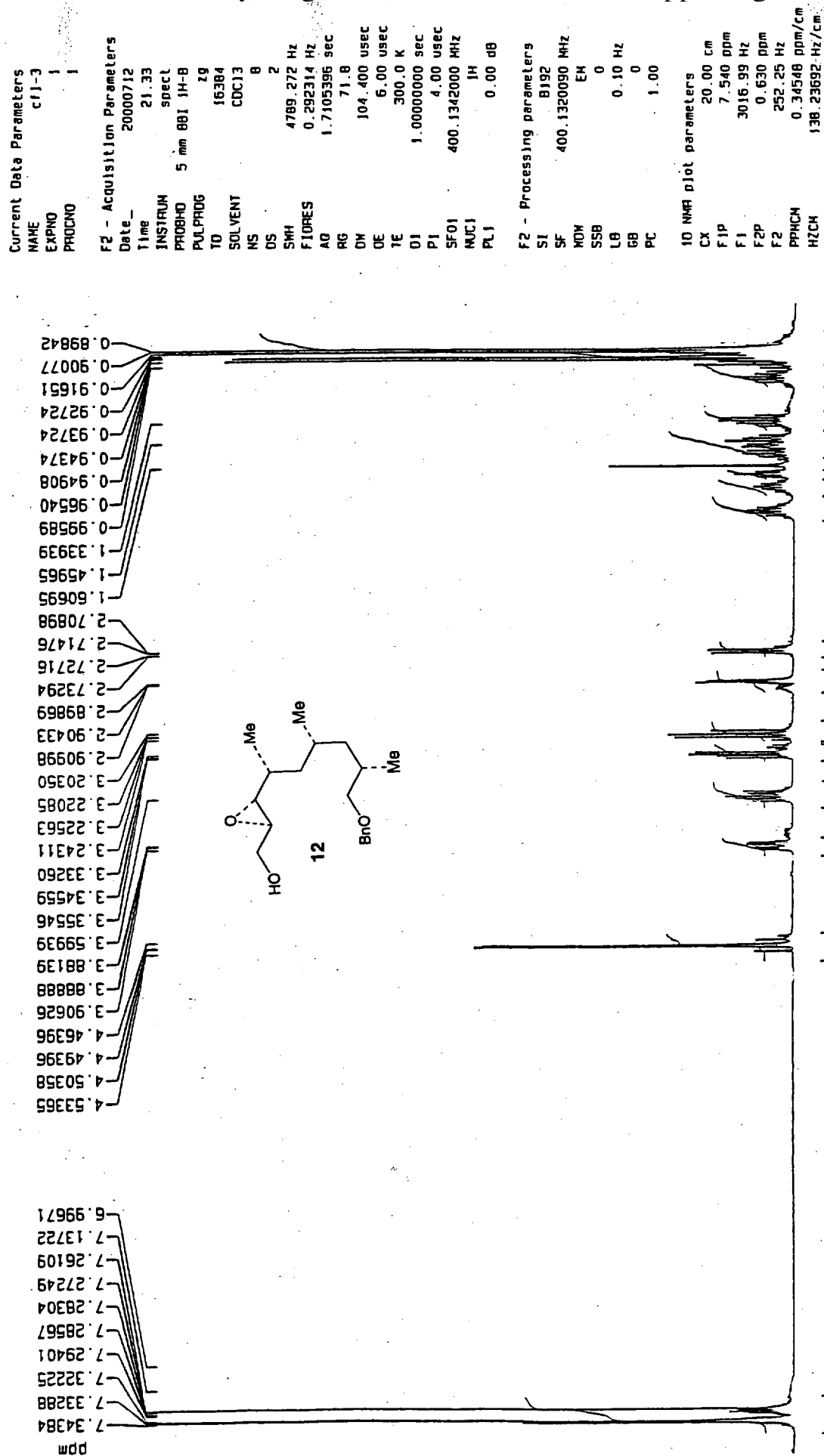
Compound 11



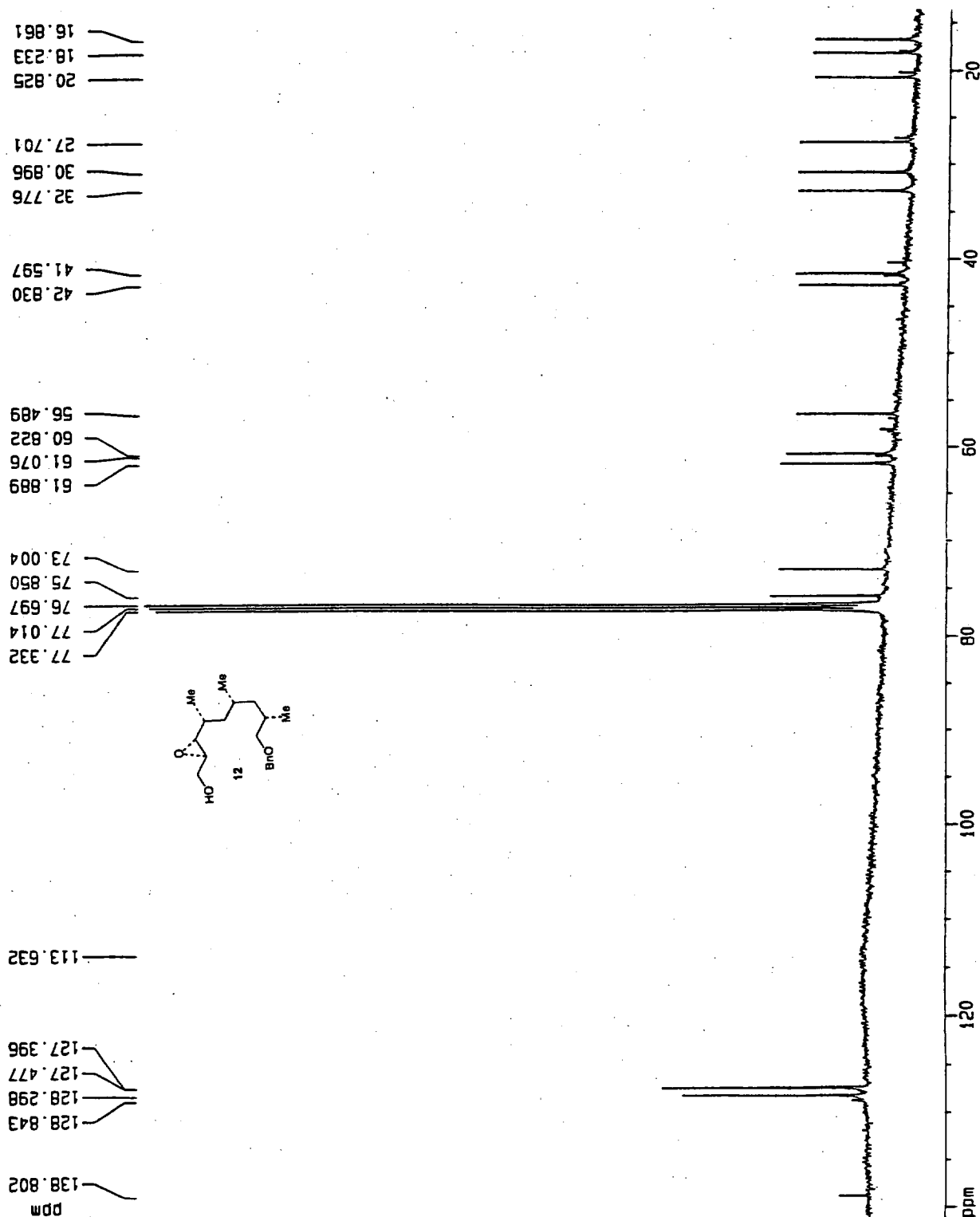


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Compound 12



Compound 12



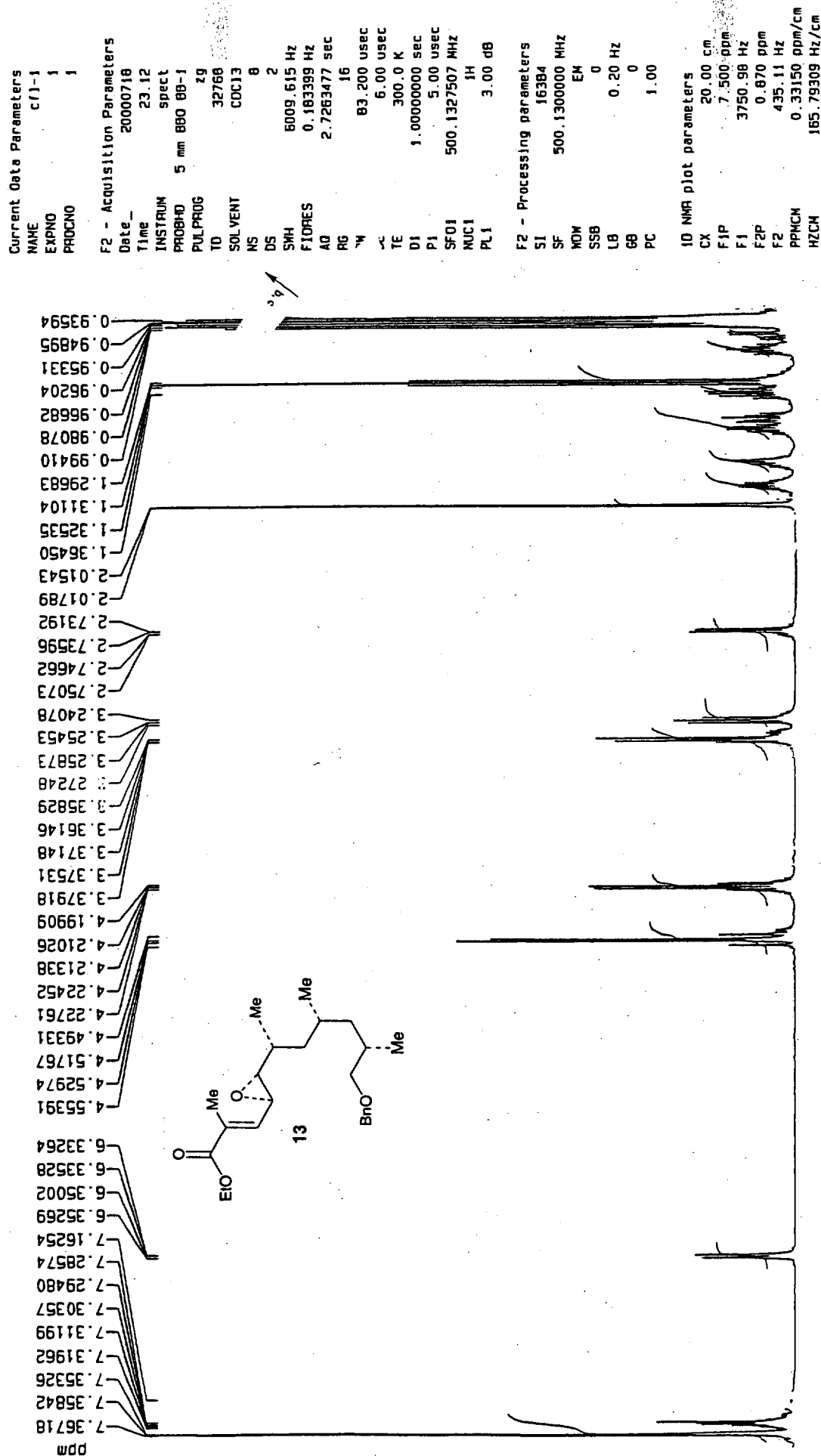
Current Data Parameters
NAME c1-3
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20000712
Time 21:58
INSTRUM spect
PROBHD 5 mm BBI 1H-B
PULPROG zgpg
TO 32768
SOLVENT CDCl₃
NS 15635
DS 2
SMH 24154.590 Hz
FIDRES 0.737140 Hz
AQ 0.6783476 sec
RG 11585.2
DM 20.700 usec
DE 29.57 usec
TE 300.0 K
d11 0.03000000 sec
d12 0.0002000 sec
PL13 21.00 dB
D1 2.00000000 sec
CPDPRG2 waltz16
PCPD2 80.00 usec
SF02 400.1342220 MHz
NUC2 ¹H
PL2 0.00 dB
PL12 21.00 dB
P1 4.50 usec
SF01 100.6242960 MHz
NUC1 ¹³C
PL1 0.00 dB

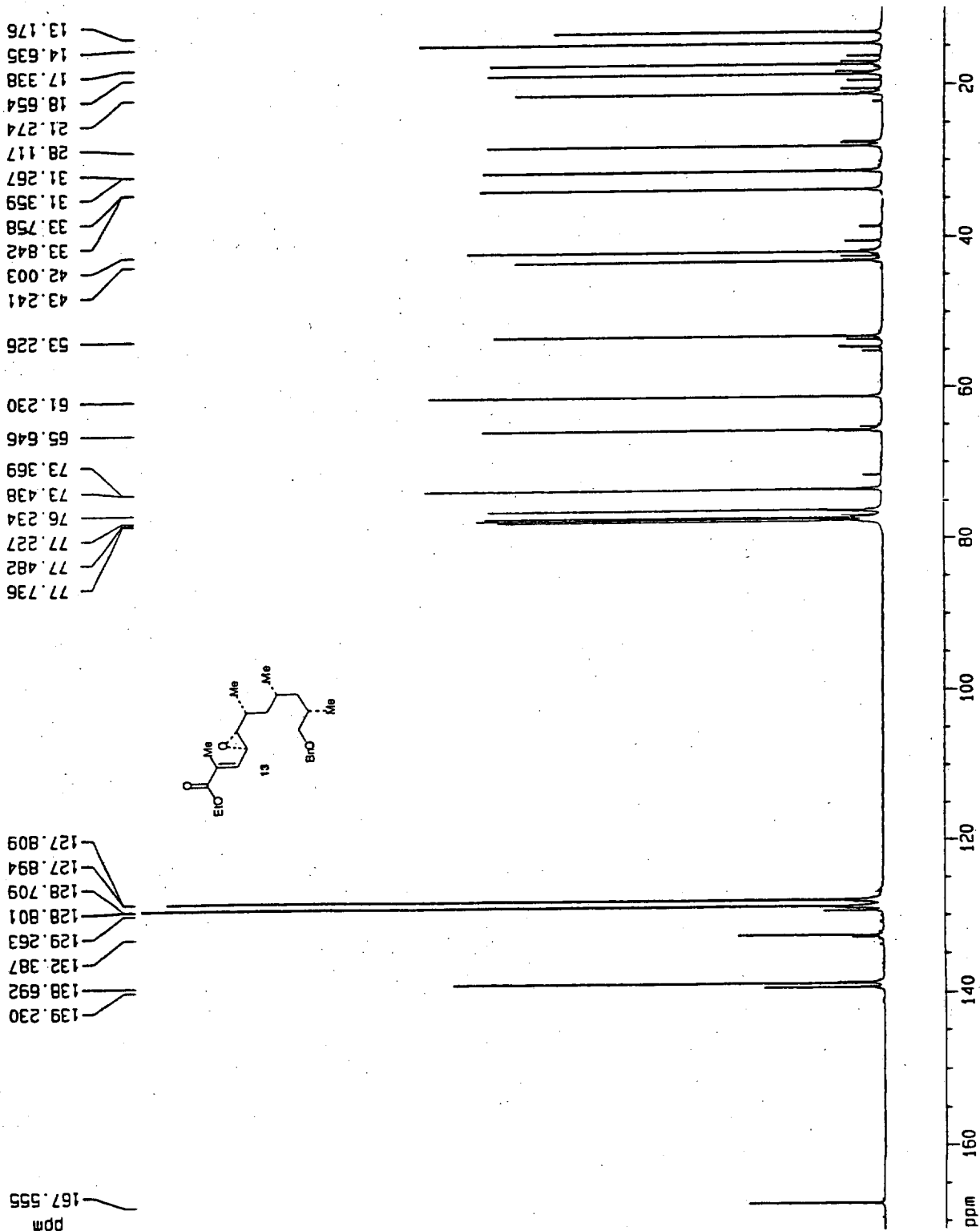
F2 - Processing parameters
SI 32768
SF 100.6132740 MHz
WDW EM
SSB 0
LB 3.00 Hz
GB 0
PC 1.40

ID NMR plot parameters
CX 20.00 cm
FIP 141.124 ppm
F1 14198.94 Hz
F2P 13.593 ppm
F2 1367.59 Hz
PPMCM 5.37657 ppm/cm
HZCM 641.56763 Hz/cm

Compound 13



Compound 13



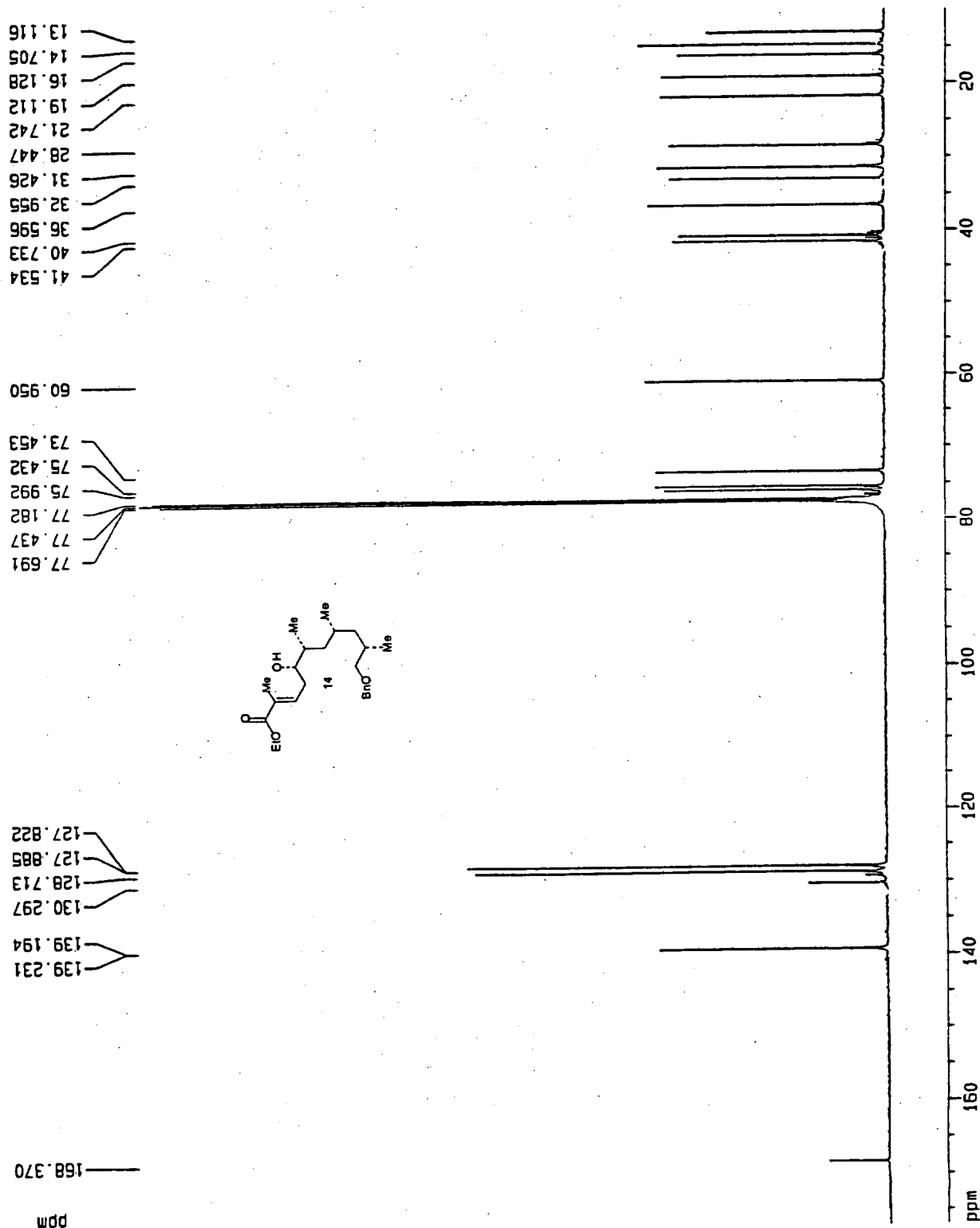
Current Data Parameters
NAME cfj-1
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20000718
Time 23.19
INSTRUM spect
PROBHD 5 mm BBO BB-1
PULPROG zgpg
TD 32768
SOLVENT CDCl3
NS 14435
DS 2
SWH 30303.031 Hz
FIDRES 0.924775 Hz
AQ 0.5407220 sec
RG 11585.2
DM 16.500 usec
DE 6.00 usec
TE 300.0 K
d11 0.03000000 sec
d12 0.00020000 sec
PL13 22.00 dB
D1 2.00000000 sec
CPOPRG2 waltz16
PCPD2 80.00 usec
SF02 500.1320000 MHz
NUC2 1H
PL2 3.00 dB
PL12 22.00 dB
P1 3.00 usec
SF01 125.7715724 MHz
NUC1 13C
PL1 0.00 dB

F2 - Processing parameters
SI 32768
SF 125.7577390 MHz
WDW EM
SSB 0
LB 3.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
F1P 171.000 ppm
F1 21504.57 Hz
F2P 10.000 ppm
F2 1257.58 Hz
PPMCM 8.05000 ppm/cm
HZCM 1012.34979 Hz/cm





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Compound 15

CDC13 standard parameters, 3B probe

OBSERVE C13

FREQUENCY 75.429 MHz

SPECTRAL WIDTH 10000.0 Hz

ACQUISITION TIME 0.910 sec

RELAXATION DELAY 1.500 sec

PULSE WIDTH 7.5 usec

TEMPERATURE 23.0 deg. C.

NO. REPETITIONS 14168

DECOUPLE H1

HIGH POWER 42

DECOUPLER CONTINUOUSLY ON

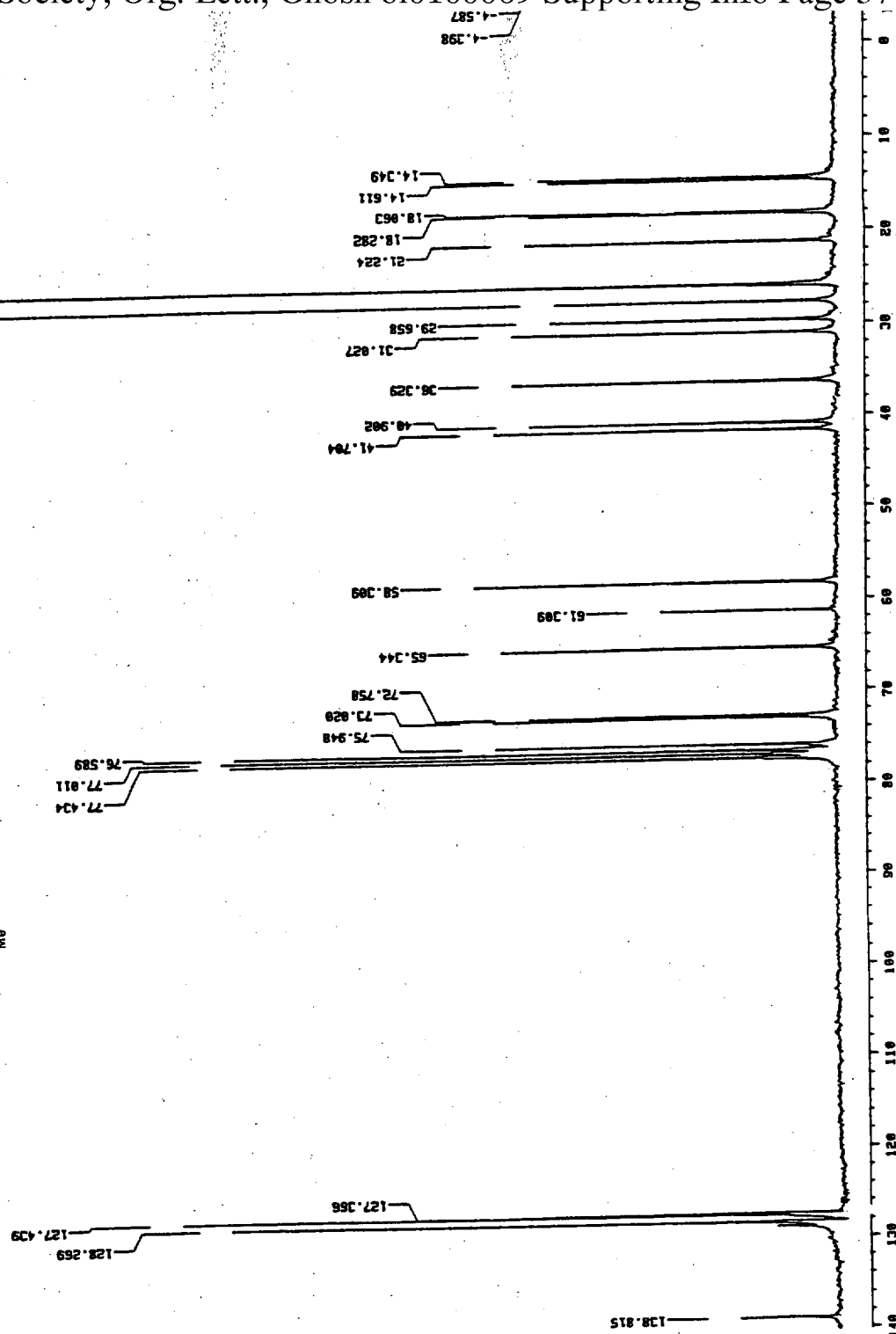
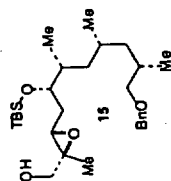
WALTZ-16 MODULATED

DATA PROCESSING

LINE BROADENING 3.0 Hz

F1 SIZE 32768

TOTAL ACQUISITION TIME 9.5 hours



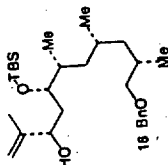
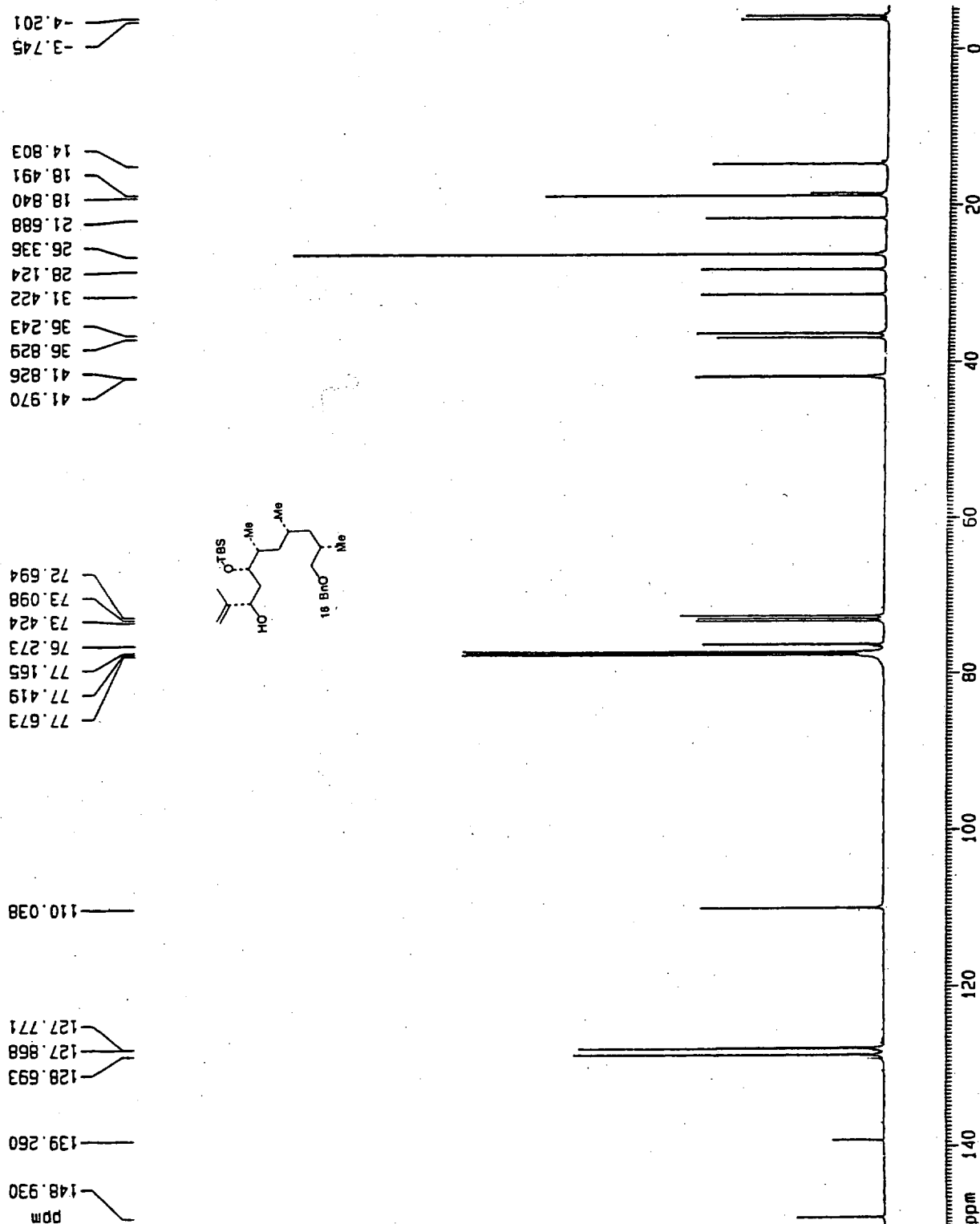
[illegible]

Current Data Parameters	
NAME	cfl-2
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters	
Date_	20000801
Time	21.14
INSTRUM	spect
PROBHD	5 mm BBI 1H-B
PULPROG	zg
TO	16384
SOLVENT	CDC13
NS	8
DS	2
SWH	4789.272 Hz
FIDRES	0.292314 Hz
AQ	1.7105395 sec
RG	25.4
DW	104.400 usec
DE	6.00 usec
TE	300.0 K
DT	1.00000000 sec
PI	4.00 usec
SFO1	400.1342000 MHz
NUC1	1H
PL1	0.00 dB

F2 - Processing parameters	
SI	8192
SF	400.1320030 MHz
WDW	EM
SSB	0
LB	0.10 Hz
GB	0
PC	1.00

1D NMR plot parameters	
CX	20.00 cm
FFIP	7.496 ppm
F1	2999.57 Hz
F2	-0.061 ppm
F2	-24.34 Hz
PPMCM	0.37786 ppm/cm
HZCM	151.19560 Hz/cm



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Compound 19

¹H standard parameters, CDCl₃

Pulse Sequence: s2pul

Solvent: CDCl₃

Ambient temperature

Mercury-300088 "varian"

PULSE SEQUENCE

Relax. delay 1.000 sec

Pulse 28.9 degrees

Acq. time 2.276 sec

Width 3599.7 Hz

128 repetitions

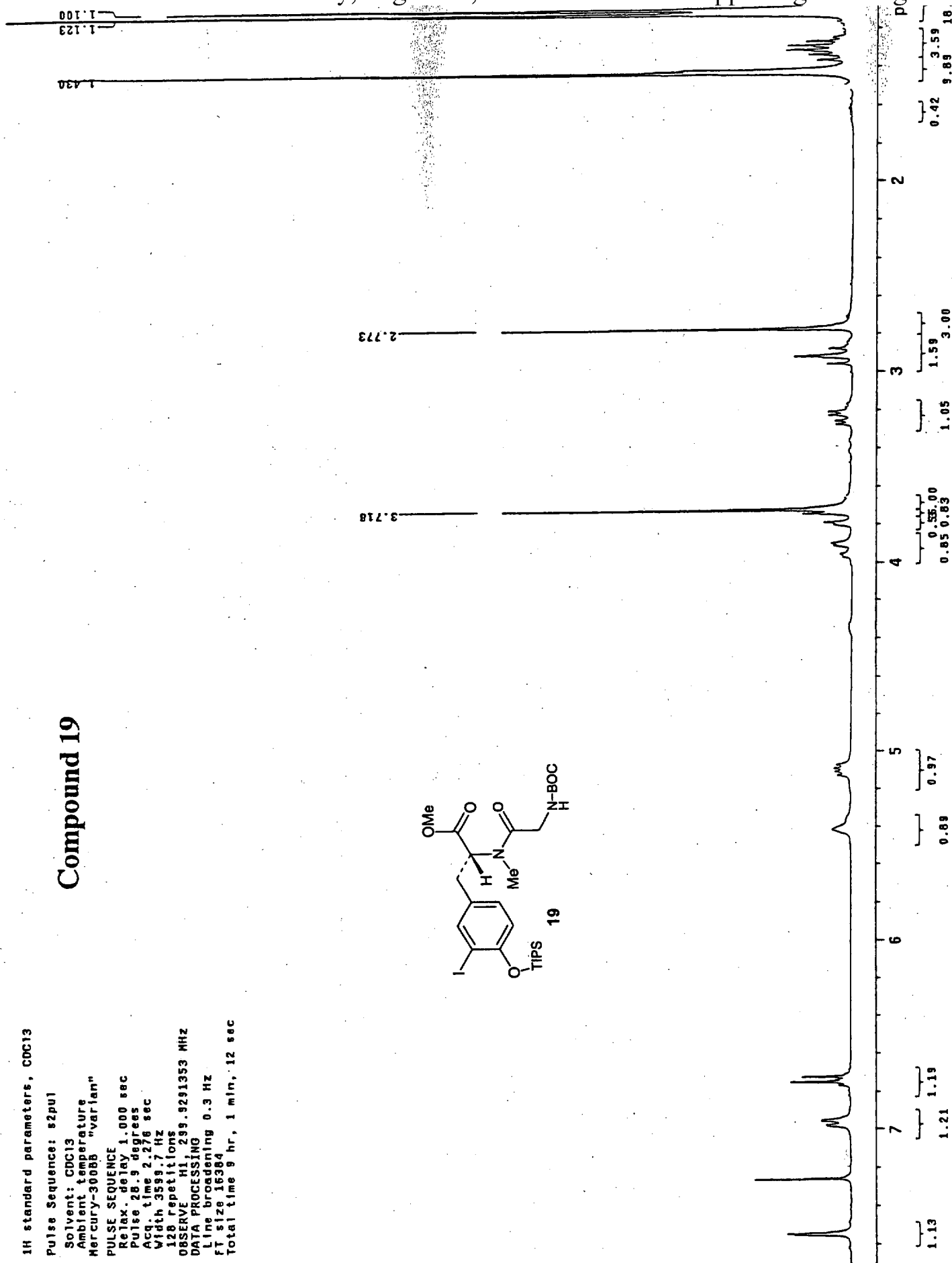
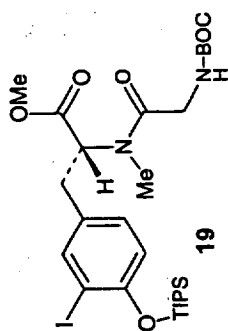
OBSERVE H1, 299.9291353 MHz

DATA PROCESSING

Line broadening 0.3 Hz

FT size 16384

Total time 9 hr, 1 min, 12 sec



Compound 19

C13 standard parameters, CDC13

Pulse Sequence: s2pul

Solvent: CDC13

Ambient temperature

Mercury-3000B "varian"

PULSE SEQUENCE

Relax. delay 2.000 sec

Pulse 38.7 degrees

Acq. time 0.482 sec

Width 17006.8 Hz

18032 repetitions

OBSERVE C13, 75.4172461 MHz

DECOUPLE H1, 299.9307943 MHz

Power 39 dB

continuously on

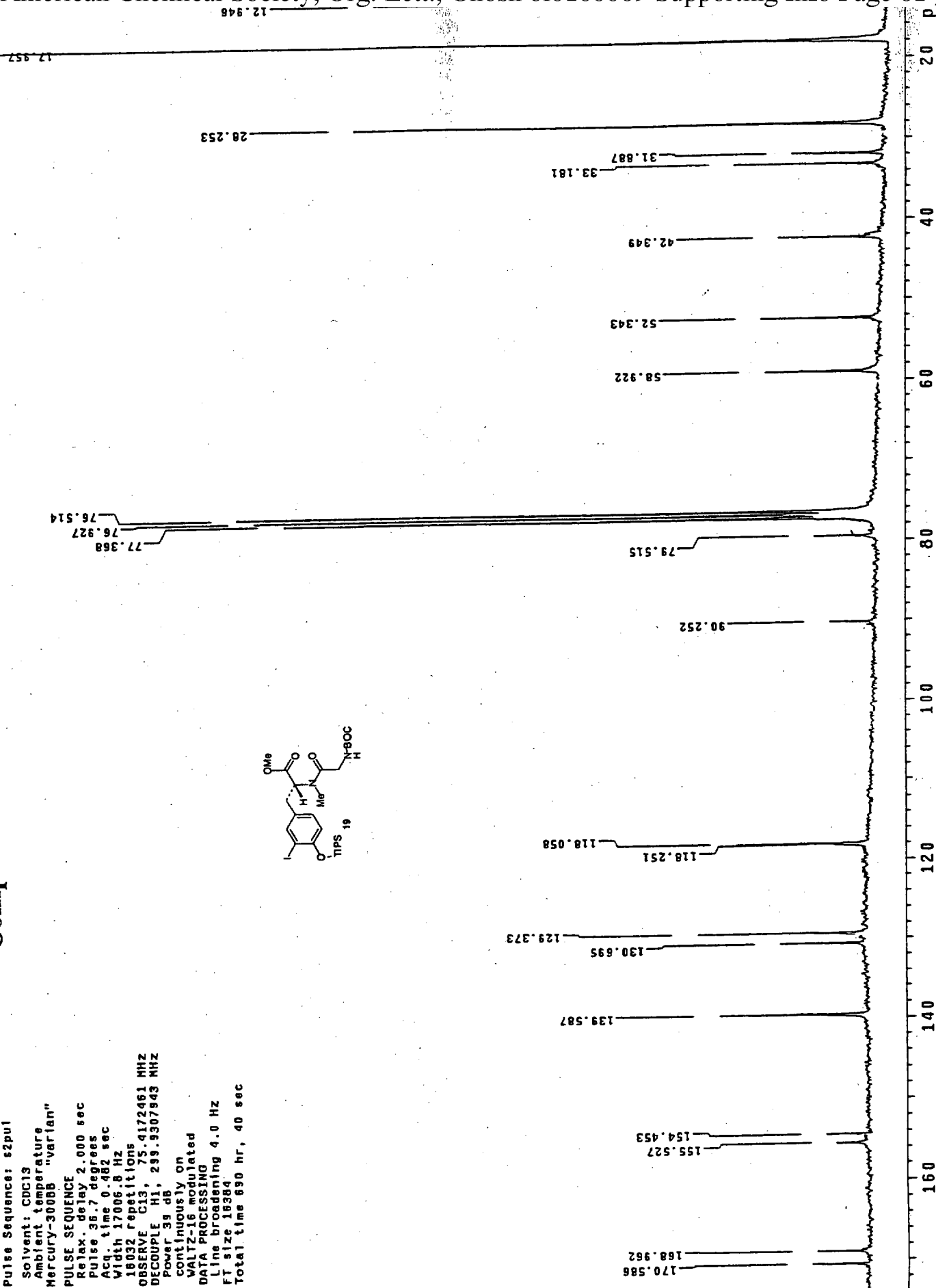
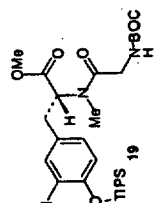
WALTZ-16 modulated

DATA PROCESSING

Line broadening 4.0 Hz

FT size 18384

Total time 690 hr, 40 sec

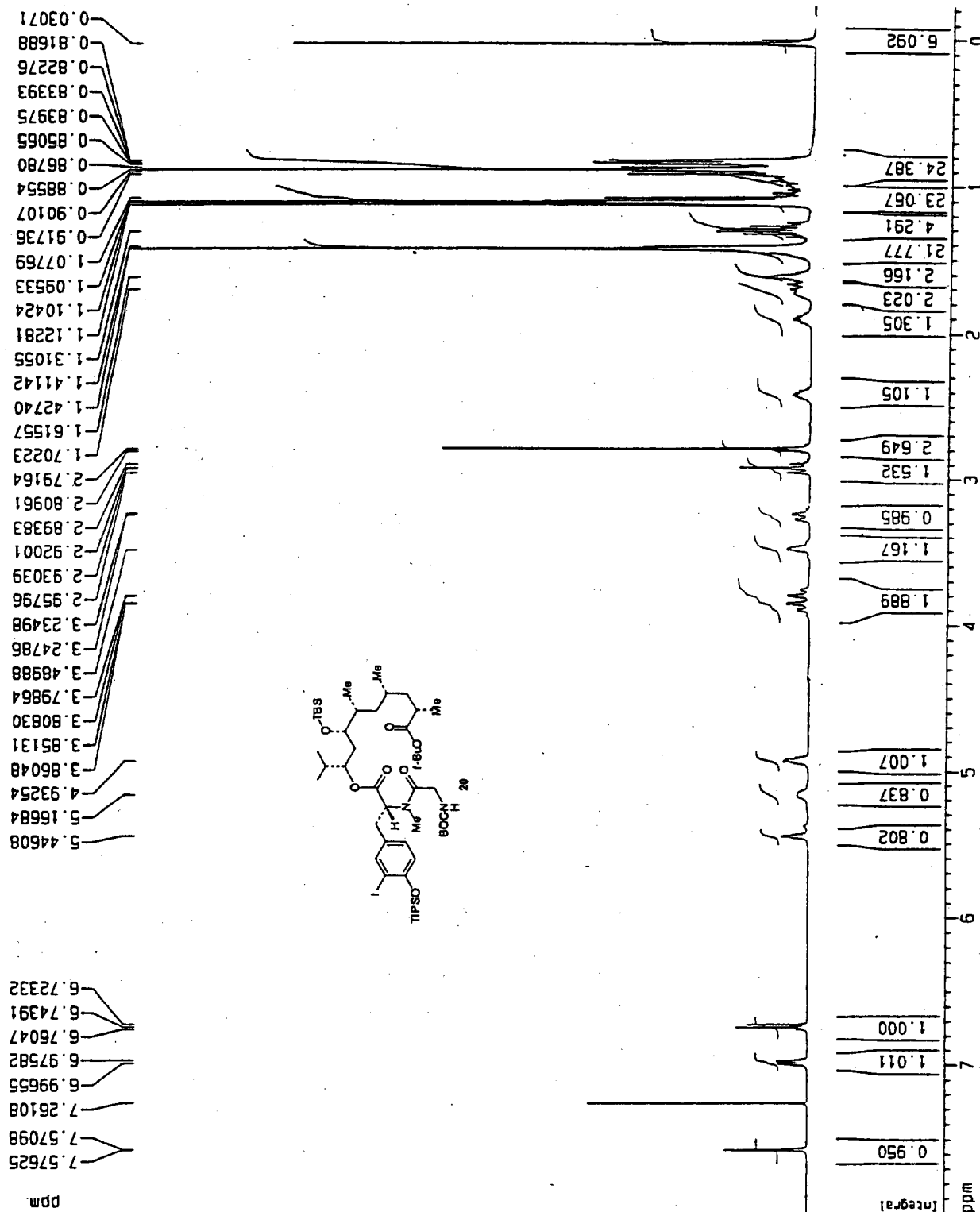


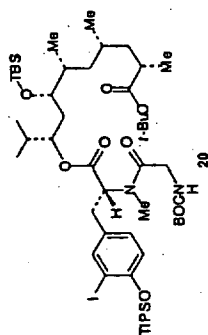
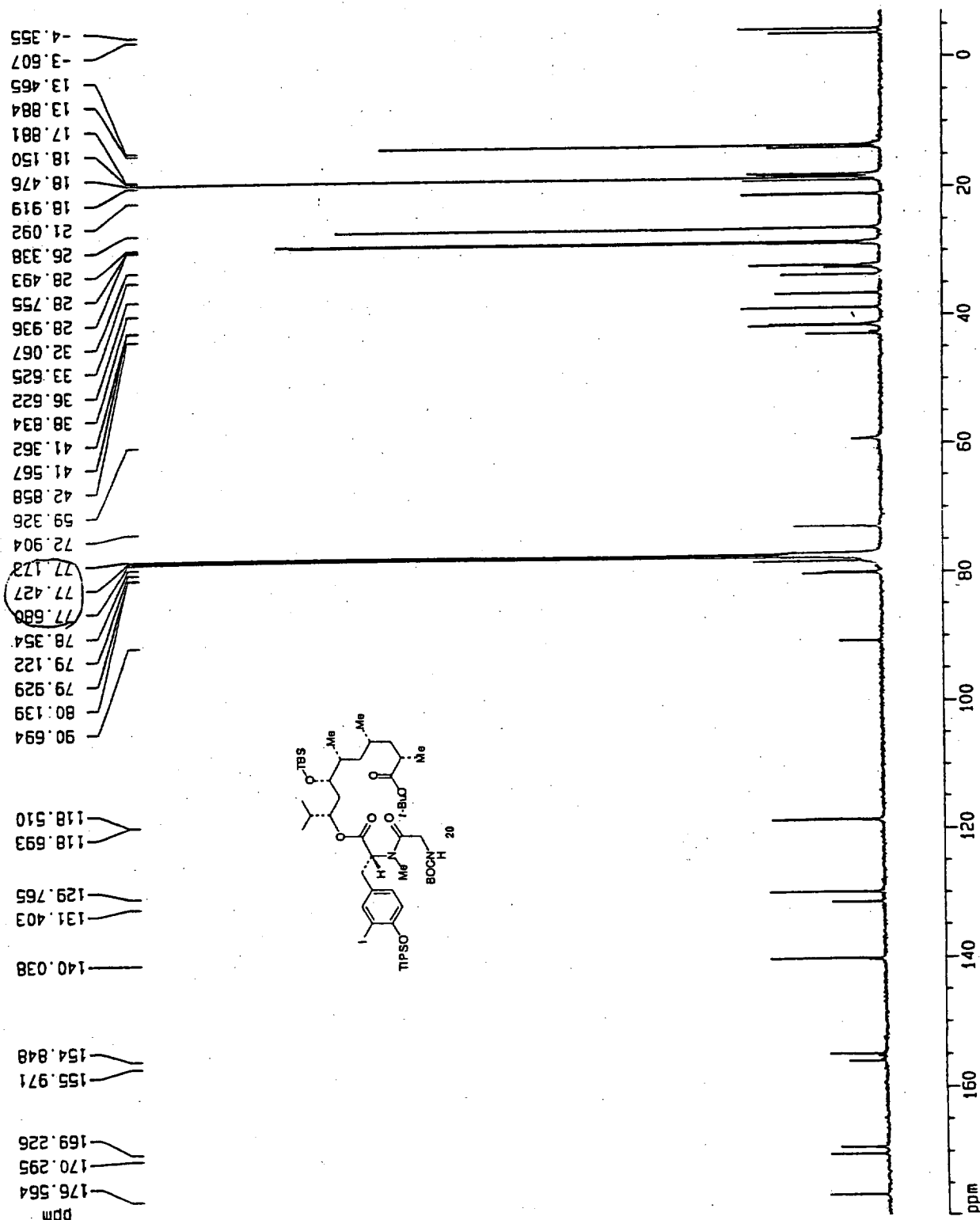
Current Data Parameters	
NAME	c1-10
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters	
Date_	20000917
Time	22.02
INSTRUM	spect
PROBHD	5 mm BBI 1H-8
PULPROG	zg
TD	16384
SOLVENT	CDC13
NS	101
DS	2
SWH	4789.272 Hz
FIDRES	0.292314 Hz
AQ	1.7105396 sec
RG	32
OW	104.400 usec
DE	6.00 usec
TE	300.0 K
D1	1.00000000 sec
P1	4.00 usec
SFO1	400.1342000 MHz
NUC1	1H
PL1	0.00 dB

F2 - Processing parameters	
SI	8192
SF	400.1320090 MHz
WDW	EM
SSB	0
LB	0.10 Hz
GB	0
PC	1.00

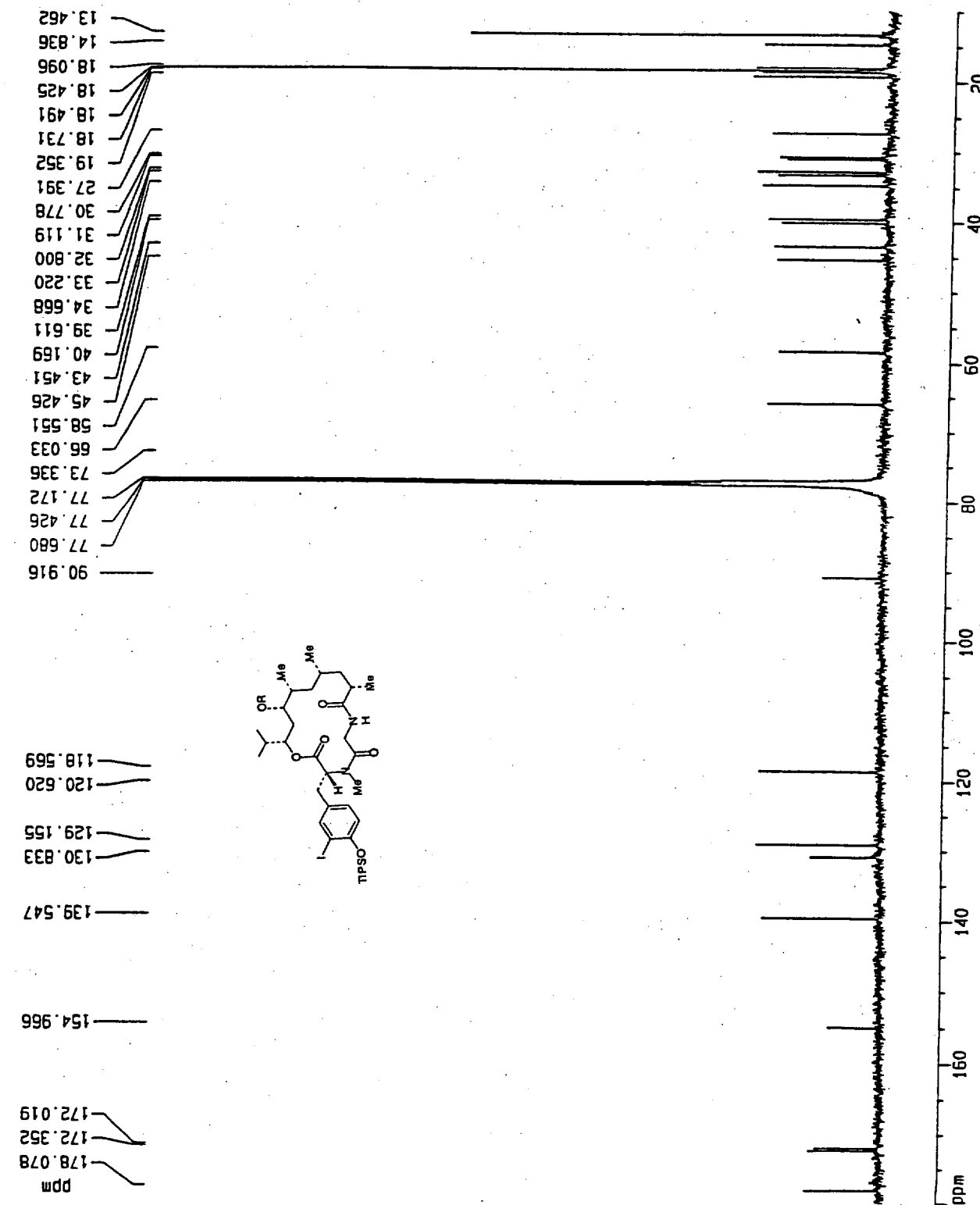
10 NMR plot parameters	
CX	20.00 cm
F1P	8.000 ppm
F1	3201.16 Hz
F2P	-0.227 ppm
F2	-90.83 Hz
PPNCH	0.41136 ppm/cm
HZCM	164.59918 Hz/cm





Current Data Parameters	
NAME	c11-10
EXPNO	2
PROCNO	1
F2 - Acquisition Parameters	
Date_	20000917
Time	23.06
INSTRUM	spect
PROBHD	5 mm BB0 BB-1
PULPROG	zgpg
TD	32768
SOLVENT	CDC13
NS	15483
DS	2
SWH	30303.031 Hz
FIDRES	0.924775 Hz
AQ	0.5407220 sec
RG	8192
DM	16.500 usec
DE	6.00 usec
TE	300.0 K
d11	0.03000000 sec
d12	0.00002000 sec
PL13	22.00 dB
D1	2.00000000 sec
CPDPRG2	waltz16
PCPD2	80.00 usec
SFO2	500.132000 MHz
NUC2	1H
PL2	3.00 dB
PL12	22.00 dB
P1	3.80 usec
SFO1	125.7715724 MHz
NUC1	13C
PL1	3.00 dB
F2 - Processing parameters	
SF	32768
SF	125.7577380 MHz
WDW	EM
SSB	0
LB	3.00 Hz
GB	0
PC	1.40
1D NMR plot parameters	
CX	20.00 cm
F1P	180.000 ppm
F1	22636.39 Hz
F2P	-7.000 ppm
F2	-880.30 Hz
PPMCM	9.350000 ppm/cm
HZCM	1175.83484 Hz/cm





Current Data Parameters	
NAME	cfl-12
EXPNO	2
PROCNO	1

F2 - Acquisition Parameters	
Date_	20000930
Time	12.42
INSTRUM	spect
PROBHD	5 mm BBO BB-1
PULPROG	zgpg
TD	32768
SOLVENT	COC13
NS	8769
DS	2
SNH	30303.031 Hz
FIDRES	0.924775 Hz
AQ	0.5407220 sec
RG	8192
DM	16.500 usec
DE	6.00 usec
TE	300.0 K
d11	0.03000000 sec
d12	0.00002000 sec
PL13	22.00 dB
d1	2.00000000 sec
CPDPRG2	waltz16
PCPD2	80.00 usec
SF02	500.1320000 MHz
NUC2	1H
PL2	3.00 dB
PL12	22.00 dB
p1	3.80 usec
SF01	125.7715724 MHz
NUC1	13C
PL1	3.00 dB

f2 - Processing parameters	
SI	32768
SF	125.7577390 MHz
WDW	EM
SSB	0
L8	3.00 Hz
B8	0
PC	1.40
10 NMR plot parameters	
CX	20.00 cm
FIP	180.000 ppm
F1	22636.39 Hz
2p	10.000 ppm
2	1257.58 Hz
PPMCH	8.50000 ppm/c
HZCM	1068.94080 Hz/cm