

Current Data Parameters
 USER: commor
 NAME: CLM-1-20484
 EXPNO: 3
 PROCNO: 1

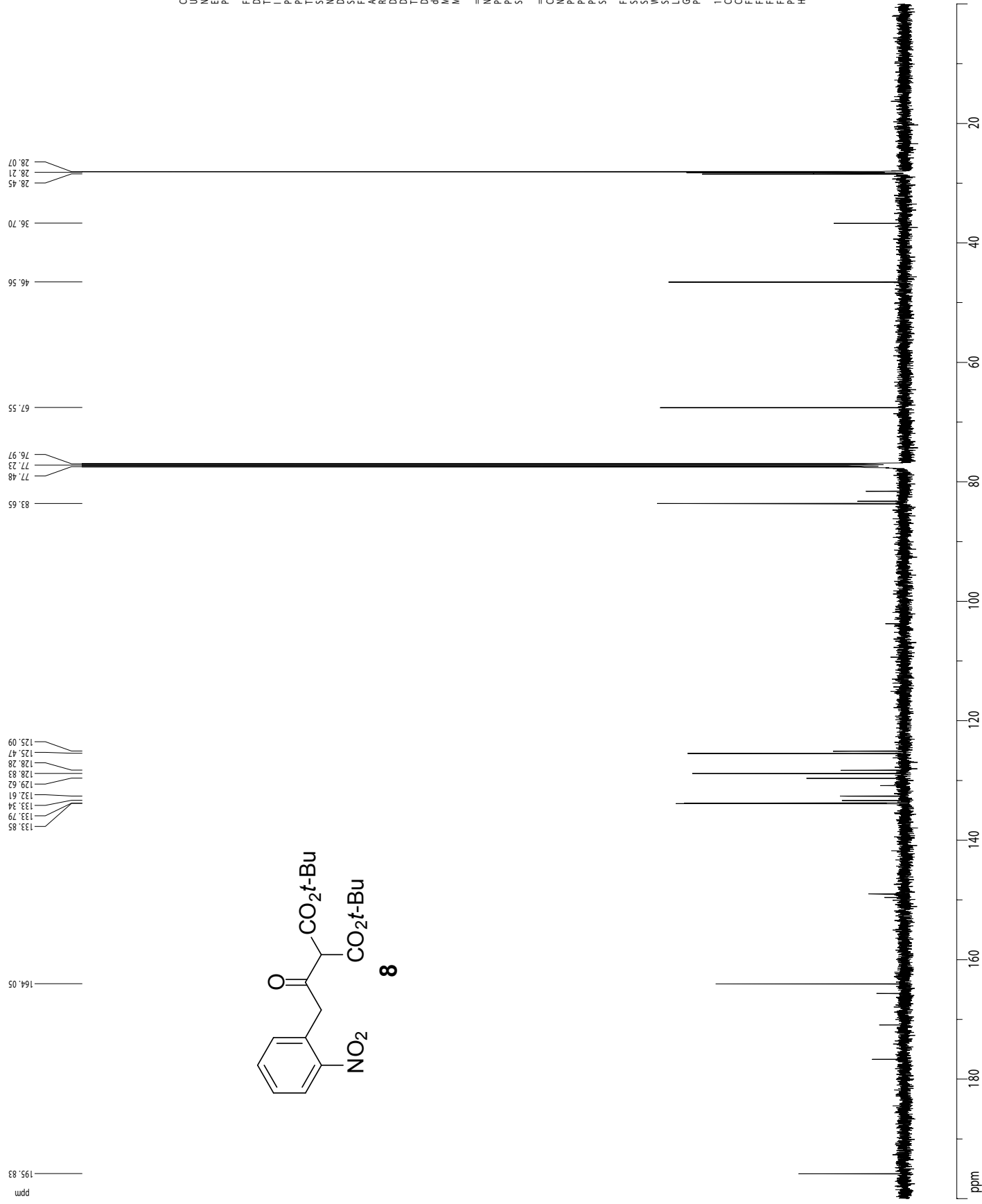
F2 - Acquisition Parameters
 Date_: 20080412
 Time: 15:12
 INSTRUM: cryos00
 PROBRD: 5 mmCPCL-1H
 PULPROG: zgpg30
 TD: 8728
 SOLVENT: CDCl3
 NS: 8
 DS: 2
 SWH: 8012.820 Hz
 FIDRES: 0.098043 Hz
 AQ: 5.0988774 sec
 RG: 8
 DW: 62.400 usec
 DE: 6.00 usec
 TE: 298.0 K
 D1: 0.1000000 sec
 ACQRES: 0.0000000 sec
 ICORR: 0.01500000 sec

===== CHANNEL f1 =====
 NUC1: 1H
 P1: 7.38 usec
 PL1: 1.60 dB
 SFO1: 500.2235015 MHz

F2 - Processing parameters
 SI: 65536
 SF: 500.2200257 MHz
 WDW: no
 SSB: 0.00 Hz
 GB: 0.00 Hz
 PC: 4.00

ID NAME pl ot parameter
 CX: 22.80 cm
 CY: 112.92 cm
 F1P: 14.000 ppm
 F1: 7003.08 Hz
 F2P: -1.000 ppm
 F2: -500.22 Hz
 PPHCMM: 0.65789 ppm/cm
 HZCMM: 329.09213 Hz/cm

¹³C spectrum with ¹H decoupling

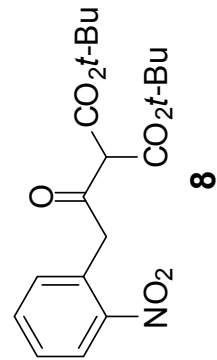


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Current Data Parameters
USER      conor
NAME      CLM-1-20484
EXPNO     5
PROCNO    1

F2 - Acquisition Parameters
Date_     20080412
Time      15.13
INSTRUM   cryo500
PROBHD    5 mmCPTCL 1H
PULPROG   zgpg30
TD         65418
SOLVENT   CDCl3
NS         265
DS         4
SWH        30903.031 Hz
FIDRES     0.463222 Hz
AQ          1.0754470 sec
RG          9195.2
DW          16.500 usec
DE          6.00 usec
TE          298.0 K
d11         0.2500000 sec
d12         0.0300000 sec
d13         0.0000000 sec
d14         0.0150000 sec
ACQPRG     MVRK
===== CHANNEL f1 =====
NUC1        13C
P1          14.75 usec
PL1         -1.00 dB
SFO1        125.7942546 MHz
===== CHANNEL f2 =====
COPROG2    waltz16
NUC2        1H
PCPD2       100.00 usec
PL2         1.60 dB
PL12        24.80 dB
SFO2        500.2225011 MHz
F2 - Processing parameters
SI          65536
SF          125.7803992 MHz
EM          EM
LB          0
GB          0
PC          2.00

ID: NMR plot parameters
CV          22.80 cm
CY          44.83 cm
EI          200.000 ppm
F1          25156.08 Hz
F2          0.000 ppm
F3          0.00 Hz
PP4CM       8.77193 ppm/cm
HZCM        1103.33679 Hz/cm
    
```



ghnqc

Current Data Parameters
S19

USER comor
NAME CLM1-20482
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters

Date_ 20071101
Time 14:52
INSTRUM av600
PROBHD 5 mm TBI 1H/13
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1
DS 16
SWH 7396.450 Hz
FIDRES 8.329335 Hz
AQ 0.0600788 sec
RG 2050
DW 67.600 usec
DE 6.00 usec
TE 298.1 K
CAST2 145.0000000
d0 0.00000300 sec
d1 1.10000002 sec
d2 0.00344828 sec
d3 0.00002000 sec
d4 0.00000400 sec
d5 0.00000000 sec
DELTA1 0.0022428 sec
DELTA2 0.00001380 sec
IN0

==== CHANNEL f1 =====
NUC1 1H
P1 8.00 usec
p2 16.00 usec
PL1 -1.00 dB
SFO1 600.1345610 MHz

==== CHANNEL f2 =====
CPDPRG2 gbrp
NUC2 13C
P3 15.00 usec
PCPD2 70.00 usec
PL2 -1.00 dB
PL3 12.50 dB
SFO2 150.9194685 MHz

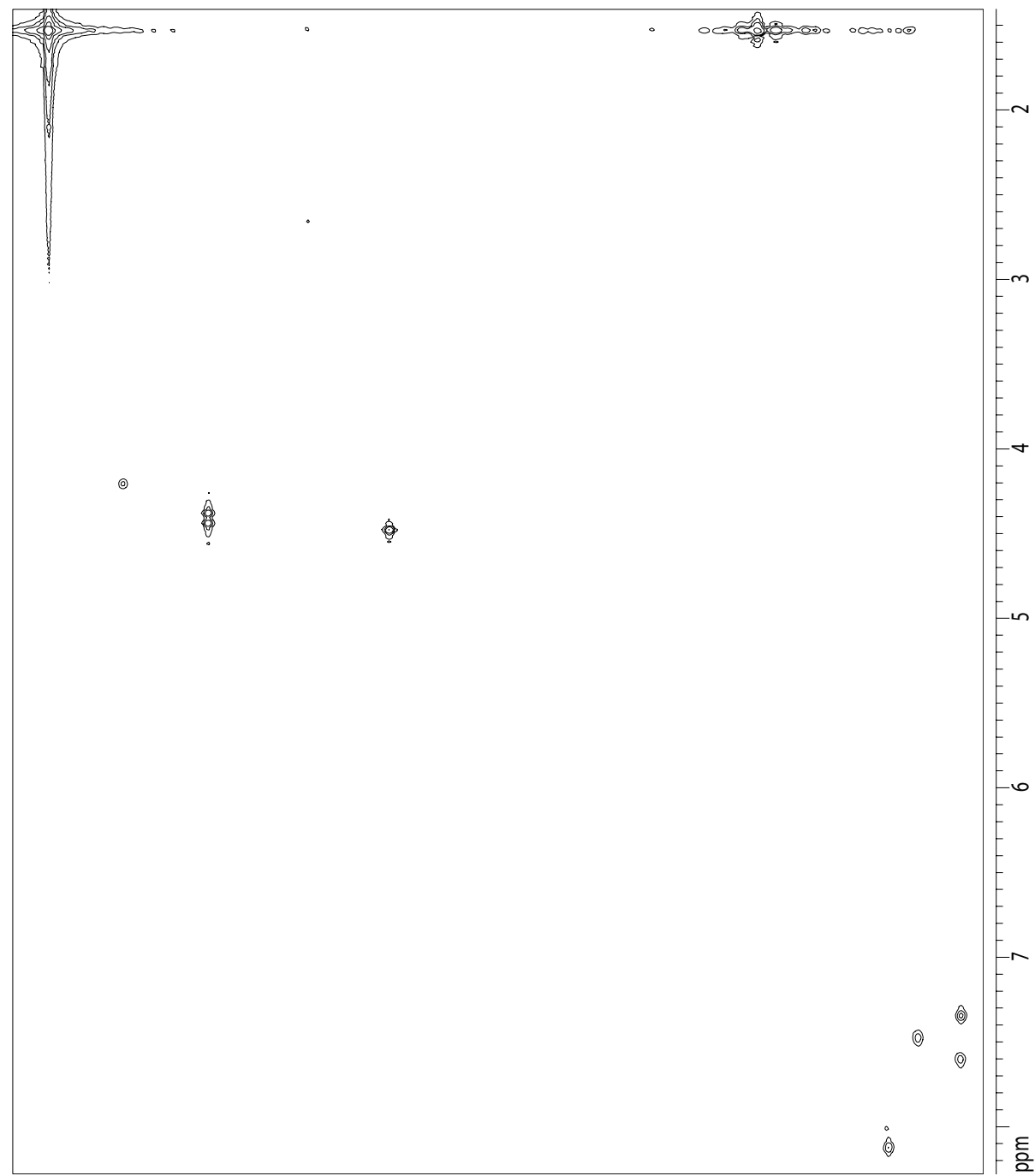
==== GRAB F2 CHANNEL =====
GPMAM SINE 100
GPMAR SINE 100
GPMAB SINE 100
GZ1 50.00 %
GZ2 30.00 %
GZ3 40.10 %
PT6 1000.00 usec

F1 - Acquisition parameters
NU0 2
TD 256
SFO1 150.9194 MHz
FIDRES 141.330792 Hz
SW 240.072 ppm
FHM0DE Q

F2 - Processing parameters
SI 1024
SF 600.1300257 MHz
WDW EM
SSB 0
LB 5.00 Hz
GB 0
PC 1.00

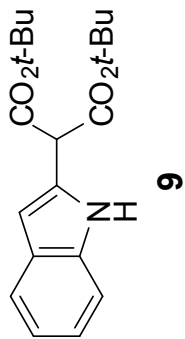
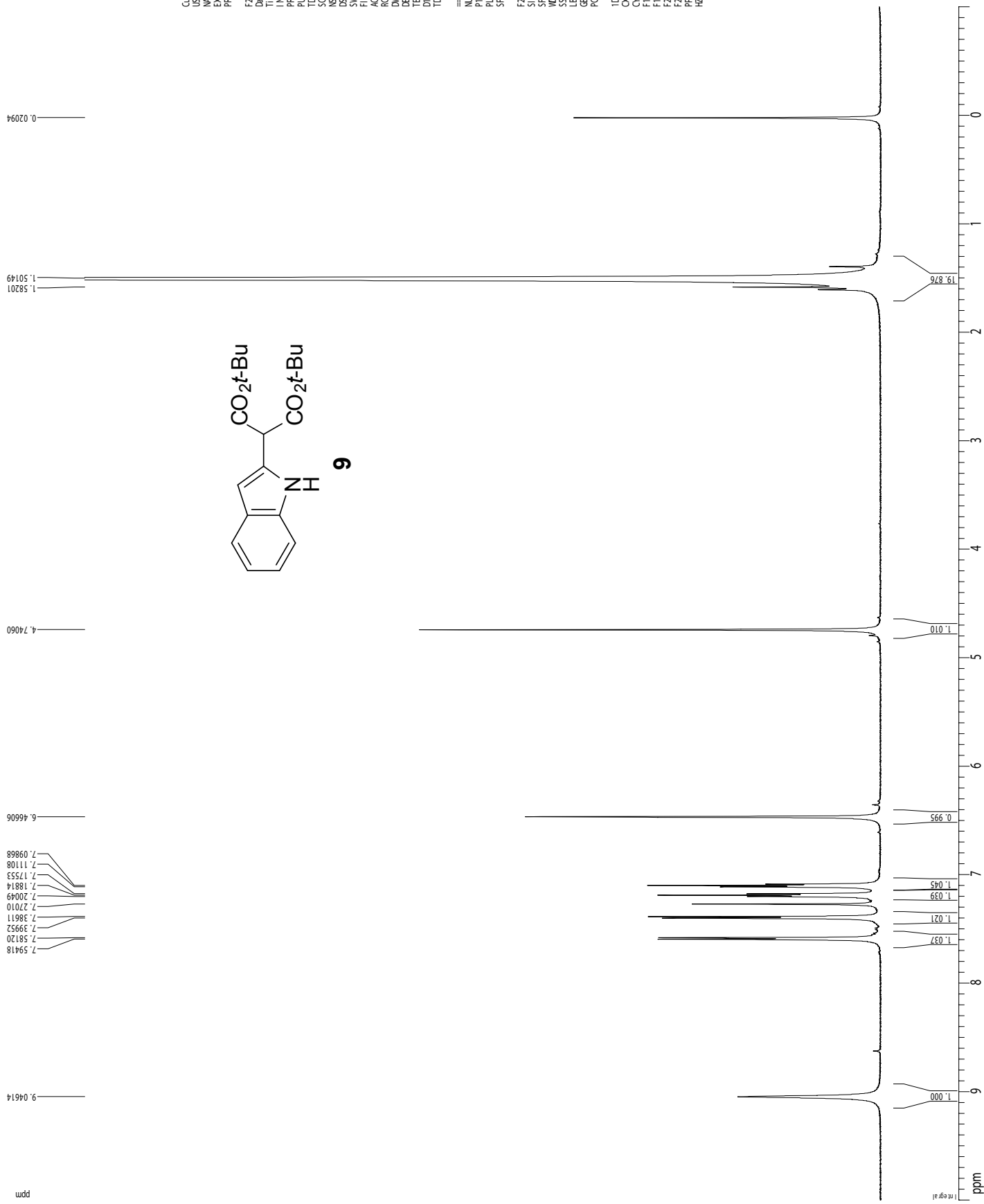
F1 - Processing parameters
SI 1024
MCZ Q
SF 150.9027892 MHz
WDW COSINE
SSB 3
LB 0.00 Hz
GB 0

2D NMR plot parameters
CZ2 18.00 cm
CZ1 15.00 cm
F2PLO 8.279 ppm
F2LO 4968.65 Hz
F2PHI 1.407 ppm
F2H 844.26 Hz
F1PLO 136.392 ppm
F1LO 20581.94 Hz
F1PHI 23.845 ppm
F1H 3598.24 Hz
F2PPMCM 0.38181 ppm/cm
F2HZCM 229.13265 Hz/cm
F1PPMCM 7.50315 ppm/cm
F1HZCM 1132.24654 Hz/cm



1H spectrum

S20



Current Data Parameters
 USER Connor
 NAME CLM1-206C2
 EXPNO 11
 PRCCNO 1

F2 - Acquisition Parameters
 Date_ 20071105
 Time 14.53
 INSTRUM av600
 PROBHD 5 mmTBI H1/3
 PULPROG zg30
 TD 97938
 SOLVENT CDCl3
 NS 9
 DS 2
 SWH 9615.385 Hz
 FIDRES 0.098178 Hz
 AQ 5.0928259 sec
 RG 80.6
 DW 52.000 usec
 DE 6.00 usec
 TE 298.0 K
 D1 0.10000000 sec
 TDO 1

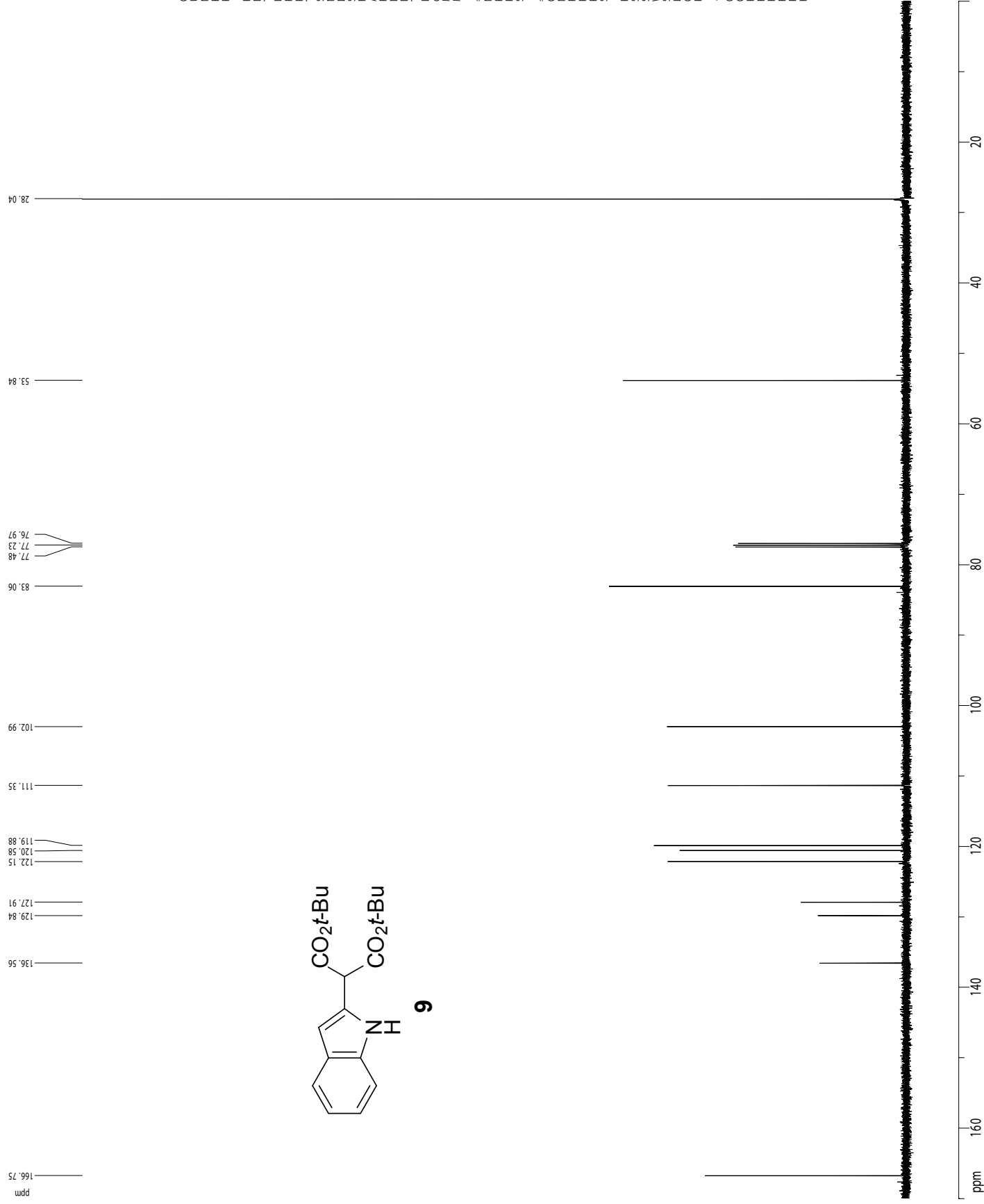
===== CHANNEL f1 =====
 NUC1 1H
 P1 8.00 usec
 PL1 -1.00 dB
 SFO1 600.1342009 MHz

F2 - Processing parameters
 SI 65536
 SF 600.1300280 MHz
 WDW hanning
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 22.80 cm
 CY 143.04 cm
 FIP 10.000 ppm
 F1 6001.30 Hz
 F2P -1.000 ppm
 F2 -600.13 Hz
 PPKCM 0.48246 ppm/cm
 HZCM 289.53641 Hz/cm

¹³C spectrum with ¹H decoupling

S21



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Current Data Parameters
USER      connor
NAME      CLM1-206C
EXPNO    3
PROCNO    1

F2 - Acquisition Parameters
Date_     20070905
Time      9.54
INSTRUM   cryo500
PROBHD    5 mmCPTCL 1H
PULPROG   zgpg30
TD         65418
SOLVENT    CDCl3
NS         29
DS         4
SWH        30903.031 Hz
FIDRES     0.463232 Hz
AQ         1.07544470 sec
RG         9195.2
DW         16.500 usec
DE         6.00 usec
TE         298.0 K
d1         0.25000000 sec
d11        0.03000000 sec
d12        0.00000000 sec
d13        0.01500000 sec
ACQREST    0.01500000 sec

===== CHANNEL f1 =====
NUC1       13C
P1         15.00 usec
PL1        -1.00 dB
SFO1       125.7942546 MHz

===== CHANNEL f2 =====
CPCPRG2    waltz16
NUC2       1H
PCPD2      100.00 usec
PL2        1.60 dB
PL12       23.54 dB
SFO2       500.2225011 MHz

F2 - Processing parameters
SI         65536
SF         125.7864066 MHz
WDW        no
SSB        0
LB         0.00 Hz
GB         0
PC         2.00

ID: NMR plot parameters
CV         27.80 cm
CY         27.37 cm
EIIP       170.000 ppm
F1P        21382.67 Hz
F2P        0.000 ppm
F2         0.00 Hz
PP4CM      7.45614 ppm/cm
HZCM       937.83636 Hz/cm
    
```

USER comor
 NAME CLM1-206C2
 EXPNO 12
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20071105
 Time 14:57
 INSTRUM av600
 PULPROG zgpg30
 TO SOLVENT CDCl3
 NS 2
 DS 16
 SWH 4921.260 Hz
 FIDRES 5.541955 Hz
 AQ 0.0902708 sec
 RG 2050
 DW 101.600 usec
 DE 6.00 usec
 TE 298.0 K
 CNST2 145.0000000
 d0 0.00000300 sec
 D1 1.10000002 sec
 d2 0.0034628 sec
 d12 0.00002000 sec
 d13 0.00000400 sec
 DELTA1 0.00000000 sec
 DELTA2 0.00000000 sec
 INO 0.00001380 sec

CHANNEL f1

NUC1 1H
 P1 8.00 usec
 p2 16.00 usec
 PL1 -1.00 dB
 SFO1 600.1331507 MHz

CHANNEL f2

CPDPRG2 gbrp
 NUC2 13C
 P3 15.00 usec
 PCPD2 70.00 usec
 PL2 -1.00 dB
 PL12 12.30 dB
 SFO2 150.9194085 MHz

GRAB F1 CHANNEL

GNAM1 SINE 100
 GPHAS1 SINE 100
 GPHAS2 SINE 100
 GZ1 50.00 %
 GZ2 30.00 %
 GZ3 40.10 %
 PT6 1000.00 usec

F1 - Acquisition parameters

NUC1 13C
 TD 256
 SFO1 150.9194 MHz
 FIDRES 141.330792 Hz
 SW 240.072 ppm
 FWHM 0

F2 - Processing parameters

SI 1024
 SF 600.1300406 MHz
 WDW EM
 SSB 0
 LB 5.00 Hz
 GB 0
 PC 1.00

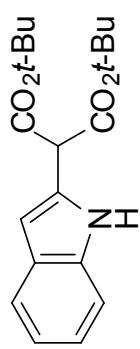
F1 - Processing parameters

SI 1024
 MCZ 0
 SF 150.9027966 MHz
 WDW COSYNE
 SSB 3
 LB 0.00 Hz
 GB 0

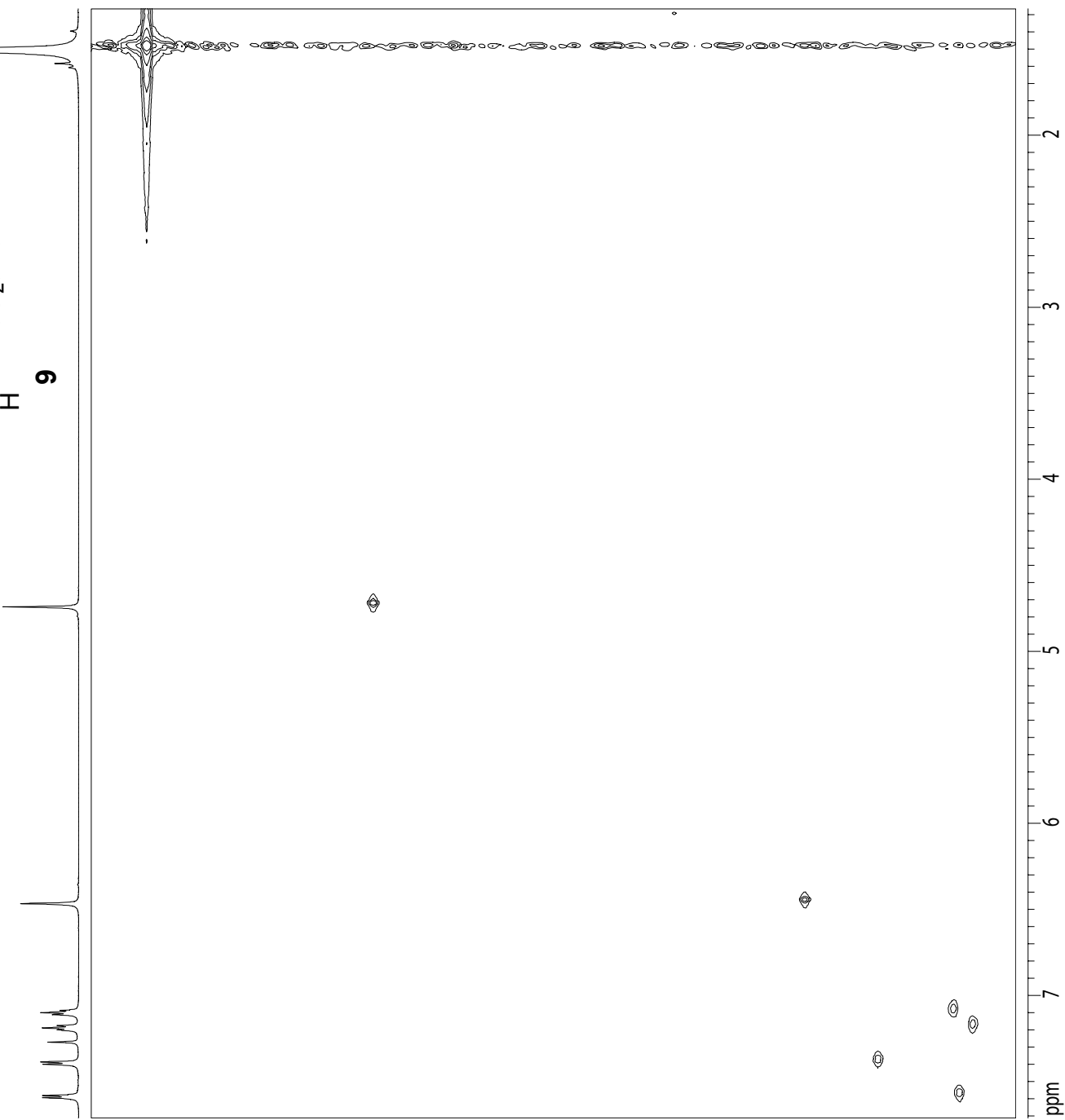
2D NMR plot parameters

CU2 18.00 cm
 CV1 15.00 cm
 F2P10 7.713 ppm
 F2L0 4628.73 Hz
 F2PH1 1.266 ppm
 F2H1 759.97 Hz
 F1P10 126.964 ppm
 F1L0 19159.25 Hz
 F1PH1 21.686 ppm
 F1H1 3272.42 Hz

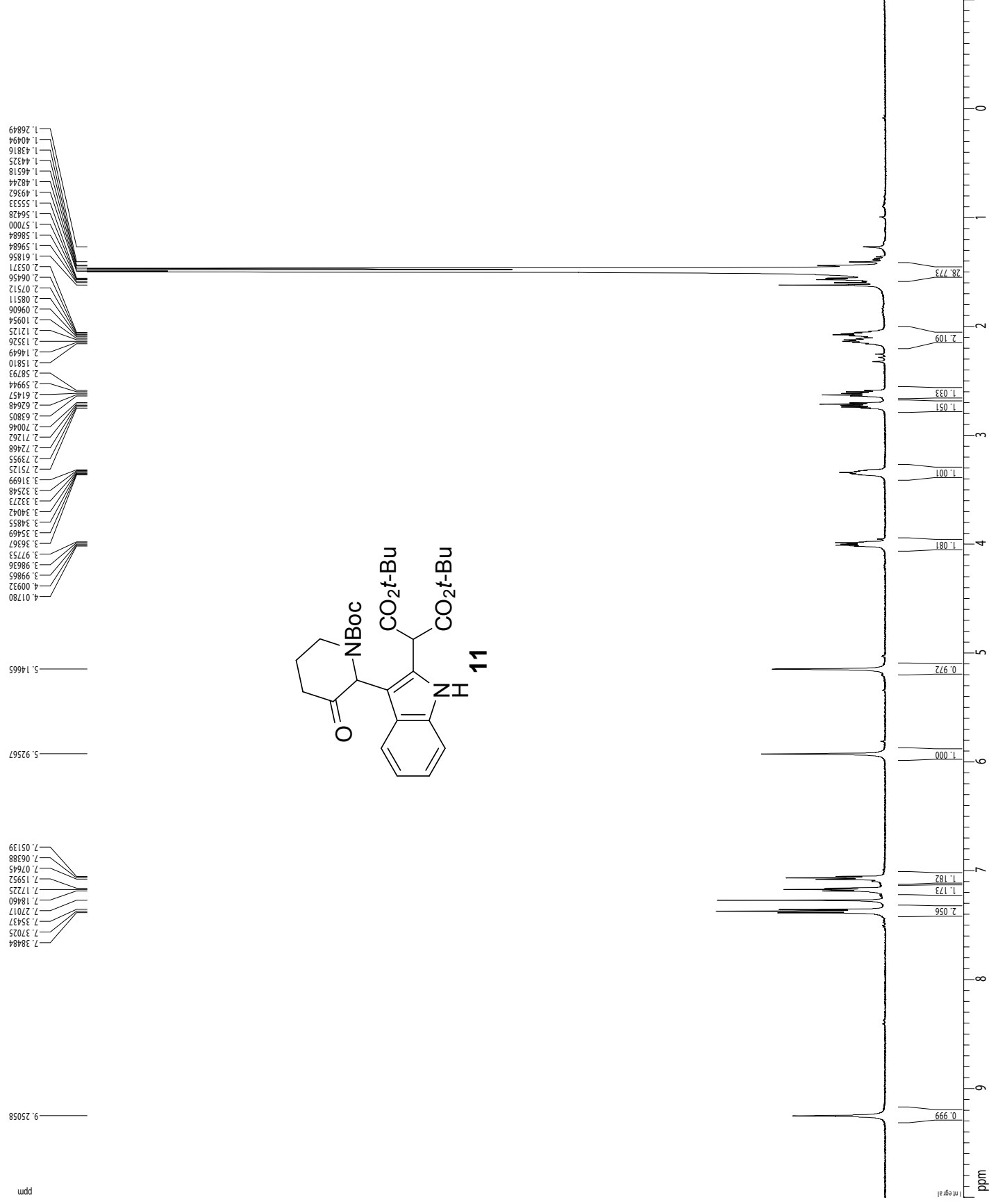
F2PPMCM 0.58814 ppm/cm
 F2HZCM 214.93134 Hz/cm
 F1PPMCM 7.01857 ppm/cm
 F1HZCM 1095.12219 Hz/cm



ghnqc



ppm



Current Data Parameters
 USER conor
 NAME CLM-1-21682
 EXPNO 11
 PROCNO 1

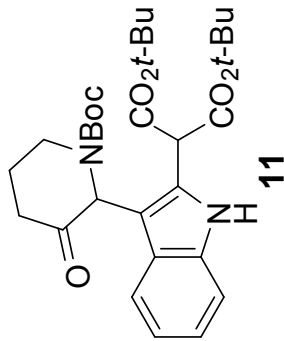
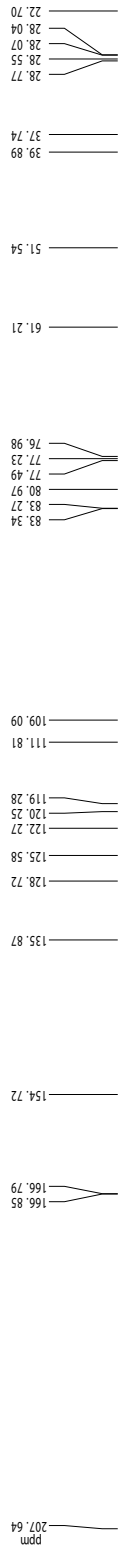
F2 - Acquisition Parameters
 Date_ 20071030
 Time 18.15
 INSTRUM av600
 PROBHD 5 mmTBI 1H/13
 PULPROG zg30
 ID 97938
 SOLVENT CDCl3
 NS 24
 DS 4
 SWH 9615.385 Hz
 FIDRES 0.098178 Hz
 AQ 5.0928259 sec
 RG 512
 DW 52.000 usec
 DE 6.00 usec
 TE 298.0 K
 TD 0.1000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 8.00 usec
 PL1 -1.00 dB
 SFO1 600.1342009 MHz

F2 - Processing parameters
 SI 65536
 SF 600.1300280 MHz
 WDW tu
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 22.80 cm
 CY 43.16 cm
 FIP 10.000 ppm
 F1 6001.30 Hz
 F2P -600.13 Hz
 PPKCM 0.48246 ppm/cm
 HZCM 289.53641 Hz/cm

¹³C spectrum with ¹H decoupling



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Current Data Parameters
USER      conor
NAME      CLM1-2168
EXPNO     3
PROCNO    1

F2 - Acquisition Parameters
Date_     20070907
Time      21.15
INSTRUM   cryo500
PROBHD    5 mmCPTCL 1H
PULPROG   zgpg30
TD         65418
SOLVENT   CDCl3
NS         259
DS         4
SWH        30903.031 Hz
FIDRES     0.463222 Hz
AQ         1.07544470 sec
RG         9195.2
DW         16.500 usec
DE         6.00 usec
TE         298.0 K
d1         0.25000000 sec
d11        0.03000000 sec
d12        0.00000000 sec
d13        0.01500000 sec
ACQBRK    0.01500000 sec

===== CHANNEL f1 =====
NUC1       13C
P1         15.00 usec
PL1        -1.00 dB
SFO1       125.7942548 MHz

===== CHANNEL f2 =====
CPCPRG2    waltz16
NUC2        1H
PCPD2      100.00 usec
PL2         1.60 dB
PL12       23.54 dB
SFO2        500.2225011 MHz

F2 - Processing parameters
SI         65536
SF         125.7864020 MHz
WDW        no
LB         0.00 Hz
GB         0
PC         2.00

ID.NMR plot parameters
CV         272.80 cm
CY         15.00 cm
ETP        210.000 ppm
F1P        26413.88 Hz
F2P        0.000 ppm
F2         0.00 Hz
PP4CM      9.21053 ppm/cm
HZCM       1158.50366 Hz/cm
    
```



USER comor
 NAME CLM1-21682
 EXPNO 12
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20071030
 Time 18.22
 INSTRUM av600
 PROBHD 5 mm TBI 1H/13
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 2
 DS 16
 SWH 5165.289 Hz
 FIDRES 5.816767 Hz
 AQ 0.0860084 sec
 RG 1150
 DW 96.800 usec
 DE 6.00 usec
 TE 298.0 K
 CHST2 145.0000000
 d0 0.00000300 sec
 d1 1.10000002 sec
 d2 0.00344828 sec
 d12 0.00002000 sec
 d13 0.00000400 sec
 DELTA1 0.00322428 sec
 DELTA2 0.00000000 sec
 INO 0.00001380 sec

==== CHANNEL f1 =====
 NU1 1H
 P1 8.00 usec
 PL1 -1.00 dB
 SFO1 600.1332407 MHz

==== CHANNEL f2 =====
 CPDPRG2 gbrp
 NU2 13C
 P3 15.00 usec
 PL2 -1.00 dB
 PL12 12.38 dB
 SFO2 150.9194085 MHz

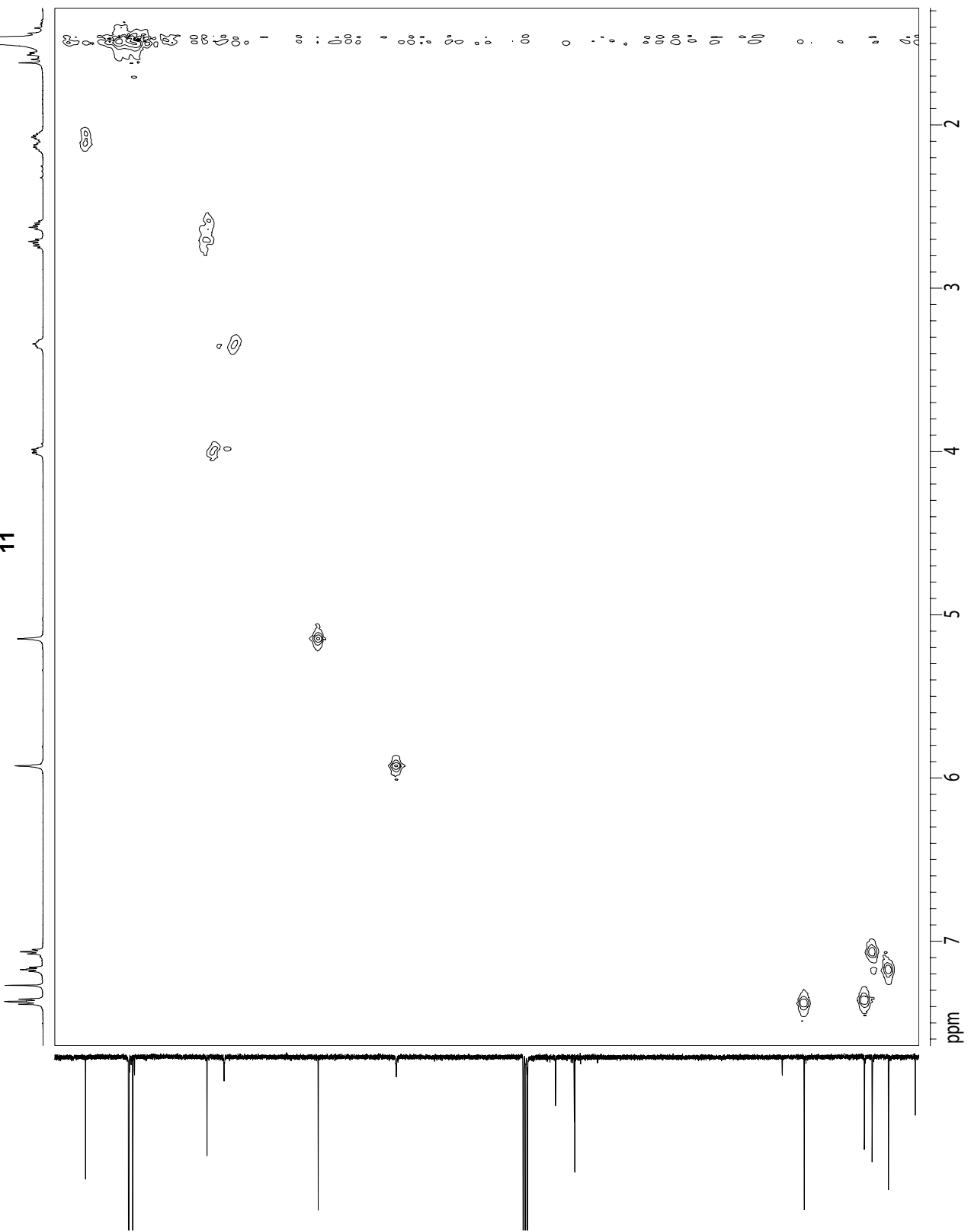
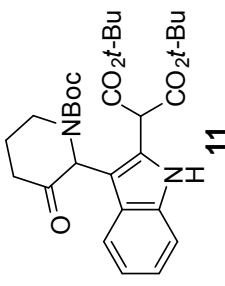
==== GRAB F1 CHANNEL =====
 GRAB1 SINE 100
 GRAB2 SINE 100
 GRAB3 SINE 100
 GRAB4 SINE 100
 GRAB5 SINE 100
 GRAB6 SINE 100
 GRAB7 SINE 100
 GRAB8 SINE 100
 GRAB9 SINE 100
 GRAB10 SINE 100
 GRAB11 SINE 100
 GRAB12 SINE 100
 GRAB13 SINE 100
 GRAB14 SINE 100
 GRAB15 SINE 100
 GRAB16 SINE 100

F1 - Acquisition parameters
 ND0 2
 TD 256
 SFO1 150.9194 MHz
 FIDRES 141.330792 Hz
 SWH 240.074 ppm
 FWHM 0.6

F2 - Processing parameters
 SI 600.1300281 MHz
 SF 600.1300281 MHz
 EM 0
 WDW 5.00 Hz
 SSB 0
 LB 0
 GB 0
 PC 1.00

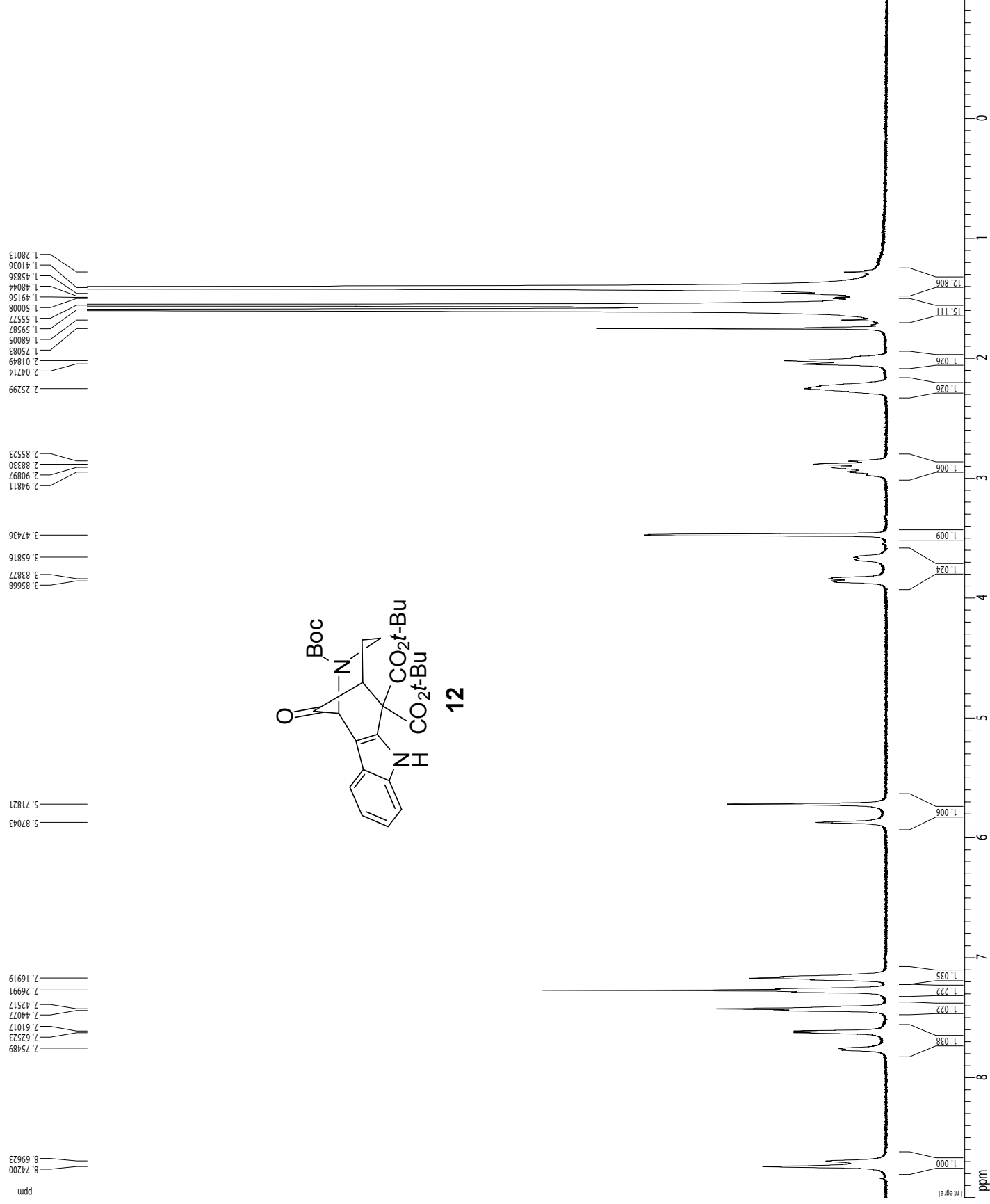
F1 - Processing parameters
 SI 1024
 MCZ 0
 SF 150.9027920 MHz
 WDW 3
 SSB 0
 LB 0
 GB 0

2D NMR plot parameters
 CZ1 18.00 cm
 CZ2 15.00 cm
 F2P10 7.639 ppm
 F2L0 4584.62 Hz
 F2PH1 1.285 ppm
 F2H 771.19 Hz
 F1P10 126.057 ppm
 F1L0 19022.34 Hz
 F1PH1 18.903 ppm
 F1H 2852.44 Hz
 F2PPMCM 0.35302 ppm/cm
 F2HZCM 211.85754 Hz/cm
 F1PPMCM 7.14362 ppm/cm
 F1HZCM 1077.99280 Hz/cm



ghnqc

¹H spectrum



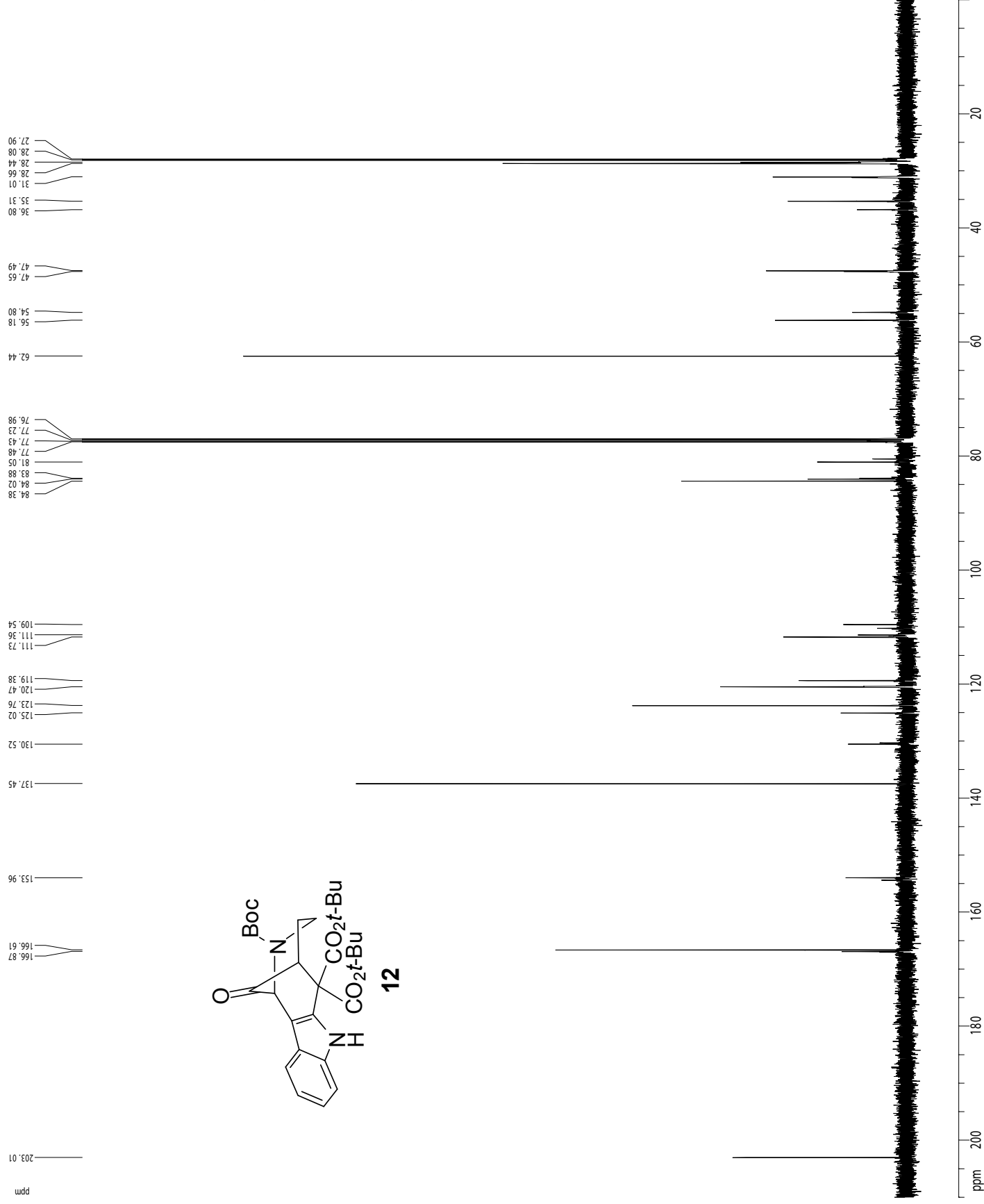
Current Data Parameters
 USER: commor
 NAME: CLM1-219C
 EXPNO: 5
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20070915
 Time: 14.01
 INSTRUM: cryo500
 PULPROG: zgpg30
 PREPRG2: 5 mmCPTCL1P
 TD: 81728
 TO: 81728
 SOLVENT: CDCl3
 NS: 1
 DS: 2
 SWH: 8012.820 Hz
 FIDRES: 0.098043 Hz
 AQ: 5.0988774 sec
 RG: 4
 DW: 62.400 usec
 DE: 6.00 usec
 TE: 298.0 K
 D1: 0.1000000 sec
 DCREST: 0.0000000 sec
 ACQRK: 0.01500000 sec

===== CHANNEL f1 =====
 NUC1: 1H
 P1: 8.00 usec
 PL1: 1.60 dB
 SFO1: 500.2235015 MHz

F2 - Processing parameters
 SI: 65536
 SF: 500.220256 MHz
 WDW: no
 SSB: 0.00 Hz
 GB: 0.00 Hz
 PC: 4.00

ID NAME pl or parameter
 CX: 22.80 cm
 CY: 73.96 cm
 F1P: 9.000 ppm
 F1: 4501.98 Hz
 F2P: -1.000 ppm
 F2: -500.22 Hz
 PPRCM: 0.43860 ppm/cm
 HZCM: 219.39476 Hz/cm



Current Data Parameters
 USER conor
 NAME CLM1-219C
 EXPNO 7
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20070915
 Time 14.04
 INSTRUM cryo500
 PROBHD 5 mm CPTCL 1H
 PULPROG zgpg30
 TD 65418
 SOLVENT CDCl3
 NS 334
 SWH 30903.031 Hz
 FIDRES 0.46322 Hz
 AQ 1.0754470 sec
 RG 8192
 DW 16.500 usec
 DE 6.00 usec
 TE 298.0 K
 d1 0.2500000 sec
 d11 0.0300000 sec
 ACQRES 0.0000000 sec
 ACQRK 0.0150000 sec

==== CHANNEL f1 =====
 NUC1 ¹³C
 P1 15.00 usec
 PL1 -1.00 dB
 SFO1 125.7942546 MHz

==== CHANNEL f2 =====
 CDPORG waltz16
 NUC2 ¹H
 PCPD2 100.00 usec
 PL2 1.60 dB
 PL12 23.54 dB
 SFO2 500.2225011 MHz

F2 - Processing parameters
 SI 65536
 SF 125.7864038 MHz
 WDW no
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 2.00

ID.NMR plot parameters
 CV 22.80 cm
 CY 54.87 cm
 F1P 210.000 ppm
 F2P 26413.88 Hz
 F2 0.000 ppm
 F2 0.00 Hz
 PPAKM 9.21053 ppm/cm
 HZCM 1158.50366 Hz/cm

Current Data Parameters
USER comor
NAME CLM1-219C
EXPNO 4
PROCNO 1

F2 - Acquisition Parameters
Date_ 20070914
Time 17.15
INSTRUM cryo500
PROBHD 5 mm CPTCI TH
PULPROG invgpgau
TD 2048
SOLVENT CDCl3
DS 16
SI 4006.410 Hz
SF 1.956515 Hz
AQ 0.2556404 sec
RG 4096
DW 124.800 usec
DE 6.50 usec
TE 300.2 K
C1P2 145.000000 K
d0 0.00000000 sec
d1 1.00000000 sec
d2 0.00344828 sec
d12 0.00002000 sec
d13 0.00000300 sec
d16 0.00020000 sec
d20 0.0042228 sec
IN0 0.0001656 sec

==== CHANNEL f1 =====
NUC1 1H
P1 8.00 usec
P2 16.00 usec
PL1 1.60 dB
SFO1 500.2225011 MHz

==== CHANNEL f2 =====
CPDPRG2 zgpg30
NUC2 13C
P3 15.00 usec
PCPD2 65.00 usec
PL2 -1.00 dB
PL12 11.80 dB
SFO2 125.7942548 MHz

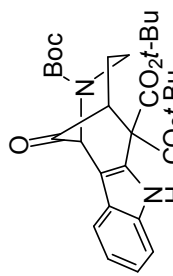
==== GRAB F1F2 CHANNEL =====
GPNMR sine 100
GPNMRB sine 100
GPX1 0.00 %
GPX2 0.00 %
GPX3 0.00 %
GPY1 0.00 %
GPY2 0.00 %
GPY3 0.00 %
GPZ1 30.00 %
GPZ2 18.00 %
GPZ3 24.00 %
P16 1000.00 usec

F1 - Acquisition parameters
NUC1 13C
SF01 125.7943 MHz
FIDRES 117.924630 Hz
SI 239.985 ppm
F1MODE undefined

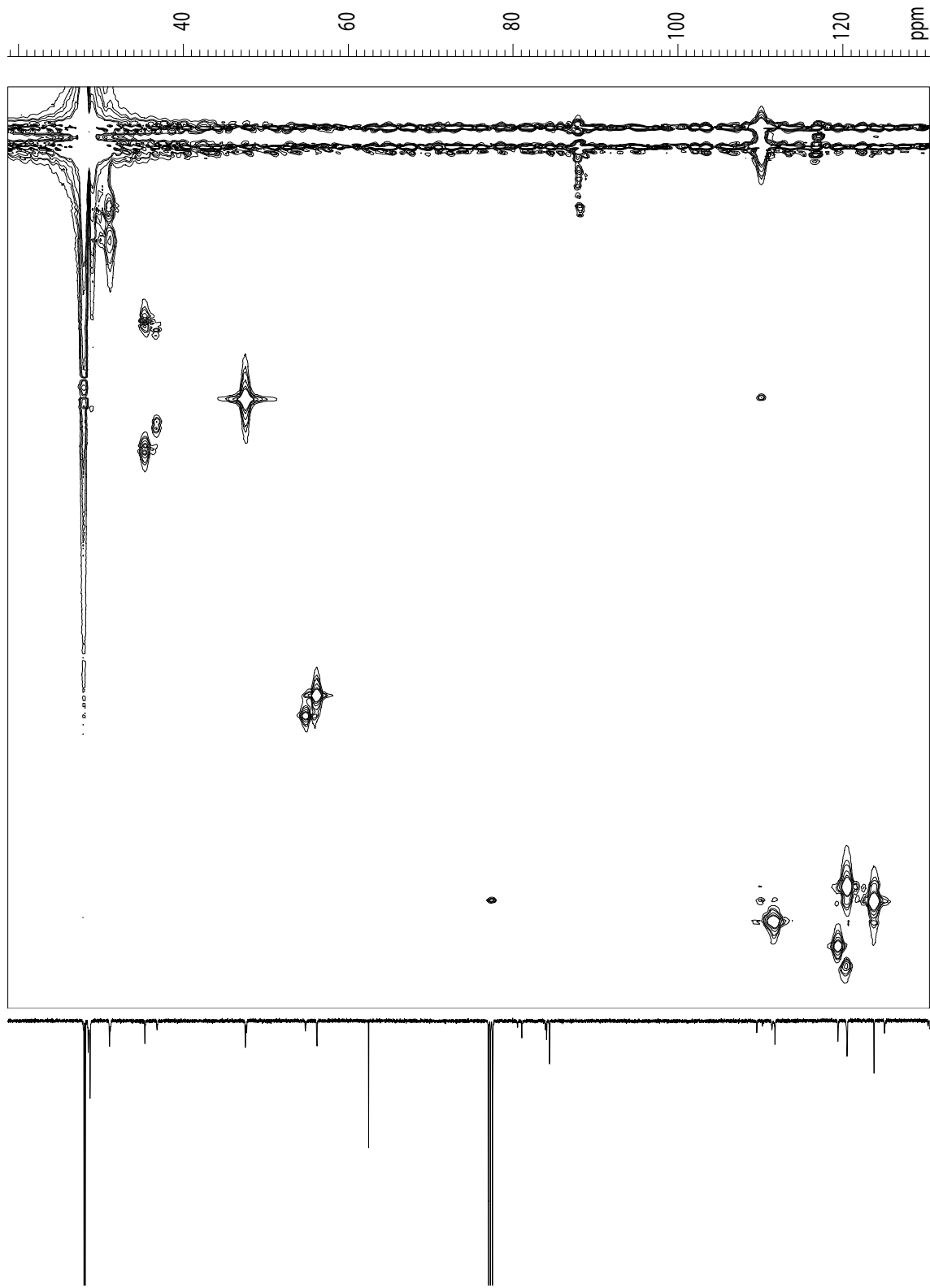
F2 - Processing parameters
SI 1024
SF 500.2200256 MHz
WDW EM
SSB 0
LB 5.00 Hz
GB 0
PC 2.00

F1 - Processing parameters
SI 1024
SF 125.7804928 MHz
WDW EM
SSB 3
LB 0.00 Hz
GB 0

2D NMR plot parameters
CXZ 15.00 cm
CXY 15.00 cm
F2LO 8.085 ppm
F2L1 4044.42 Hz
F2PH 1.101 ppm
F2H 550.55 Hz
F1LO 130.512 ppm
F1LO 16415.86 Hz
F1PH 18.710 ppm
F1PH 2333.96 Hz
F1PMCM 0.50000000 ppm/cm
F2PMCM 7.45347 ppm/cm
F1HZCM 937.50000 Hz/cm



ghmrc



40 60 80 100 120 ppm

2 3 4 5 6 7 ppm

Current Data Parameters

USER commo
NAME CLM1-219C
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters

Date_ 20080413
Time 15.03
INSTRUM cryos00
PROBHD 5 mm CPTC 1H
PULPROG cosygp
TD 2048
SOLVENT CDCl3
NS 1
DS 16

SWH 4006.410 Hz
FIDRES 1.956255 Hz
AQ 0.2556404 sec
RG 35.9
DW 124.800 usec
DE 6.00 usec
TE 298.0 K
D0 0.00000300 sec
D1 1.00000000 sec
D13 0.00000300 sec
D16 0.00020000 sec
TNO 0.00024989 sec

CHANNEL f1

NUC1 1H
P0 7.38 usec
P1 7.38 usec
PL1 1.60 dB
SFO1 500.2225011 MHz

GRABENT CHANNEL

GRABM1 sine 100
GRABM2 sine 100
GPX1 0.00 %
GPX2 0.00 %
GPY1 0.00 %
GPY2 0.00 %
GPZ1 17.00 %
GPZ2 17.00 %
PI6 1000.00 usec

F1 - Acquisition parameters

ND 256
TD 500.2225 MHz
SFO1 15.632034 Hz
FIDRES 8.000 ppm
SW undefi ned

F2 - Processing parameters

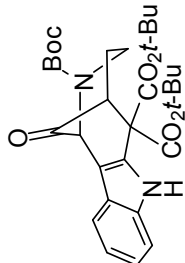
SF 1024
SF 500.2200256 MHz
WDW SINE
SSB 0
LB 0.00 Hz
GB 0
PC 4.00

F1 - Processing parameters

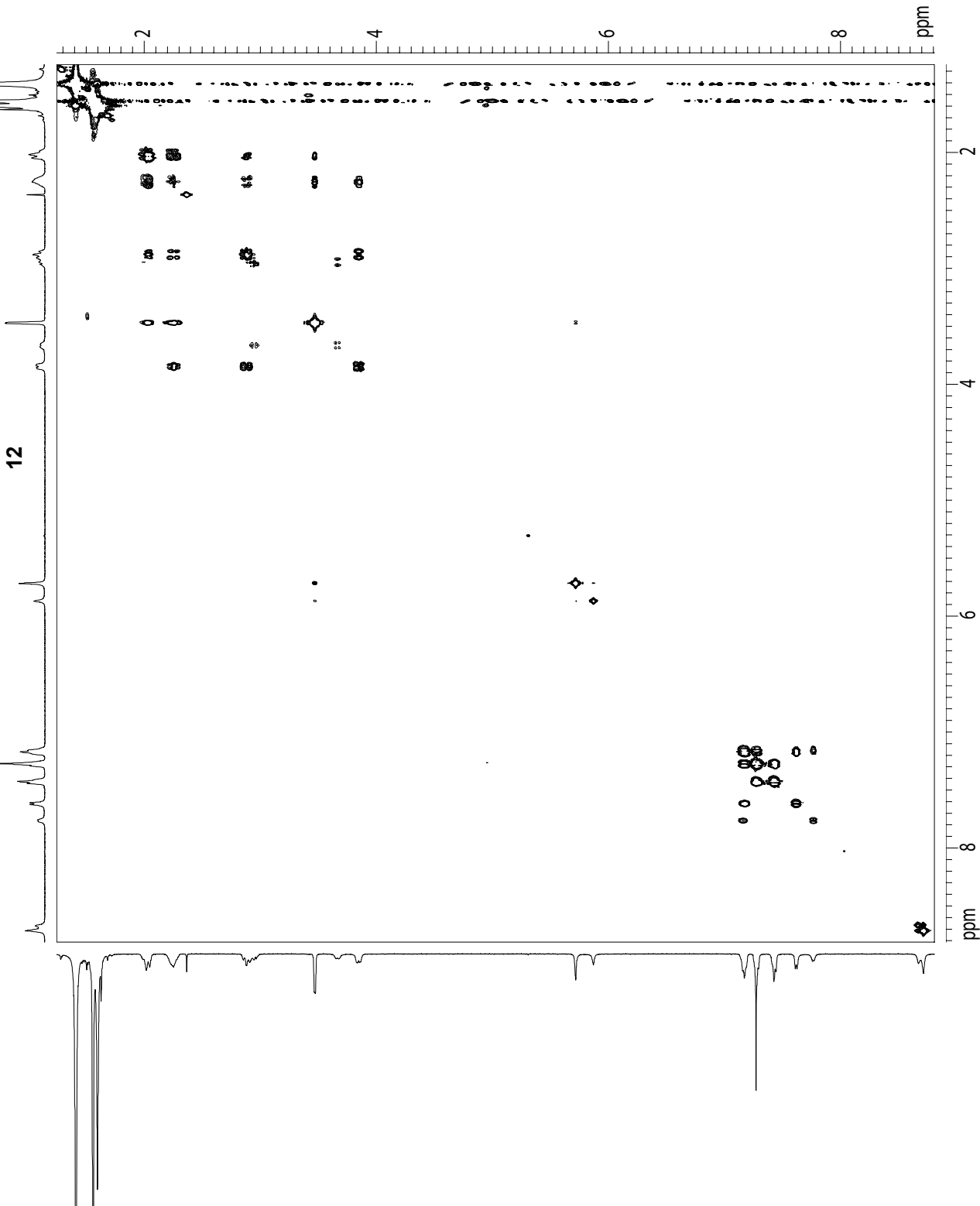
SF 1024
CF 500.2200256 MHz
WDW SINE
SSB 0
LB 0.00 Hz
GB 0

2D NMR plot parameters

CX 15.00 cm
CY 15.00 cm
F2P0 8.813 ppm
F2L0 4408.28 Hz
F2P1 1.241 ppm
F2L1 620.97 Hz
F1P0 8.808 ppm
F1L0 4406.06 Hz
F1P1 1.246 ppm
F1L1 623.10 Hz
F2P1M0 0.50475 ppm/cm
F2L1M0 252.48732 Hz/cm
F1P1M1 0.50417 ppm/cm
F1L1M1 252.19682 Hz/cm



gcosp



Current Data Parameters
 USER conor
 NAME CLM1-219C
 EXPNO 13
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20080713
 INSTRUM spect
 PROBRD 5 mm CPCL 1H
 PULPROG ghmcc_wu
 TD 2048
 SOLVENT CDCl3
 NS 2
 DS 16
 SVH 4006.410 Hz
 FIDRES 1.956255 Hz
 AQ 0.255604 sec
 RG 49960
 DW 124.000 usec
 DE 6.000 usec
 TE 298.0 K
 CHST2 145.0000000
 d0 0.0000300 sec
 d1 1.2500000 sec
 d2 0.00344828 sec
 d6 0.0500000 sec
 d13 0.0000300 sec
 d16 0.0002000 sec
 TND 0.0001656 sec

==== CHANNEL f1 =====
 NUC1 1H
 P1 7.38 usec
 PL1 14.75 usec
 PL2 1.60 dB
 SFO1 500.2225011 MHz

==== CHANNEL f2 =====
 NUC2 13C
 P3 14.75 usec
 PL2 0.00 dB
 SFO2 125.7942546 MHz

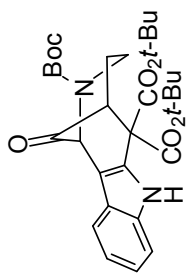
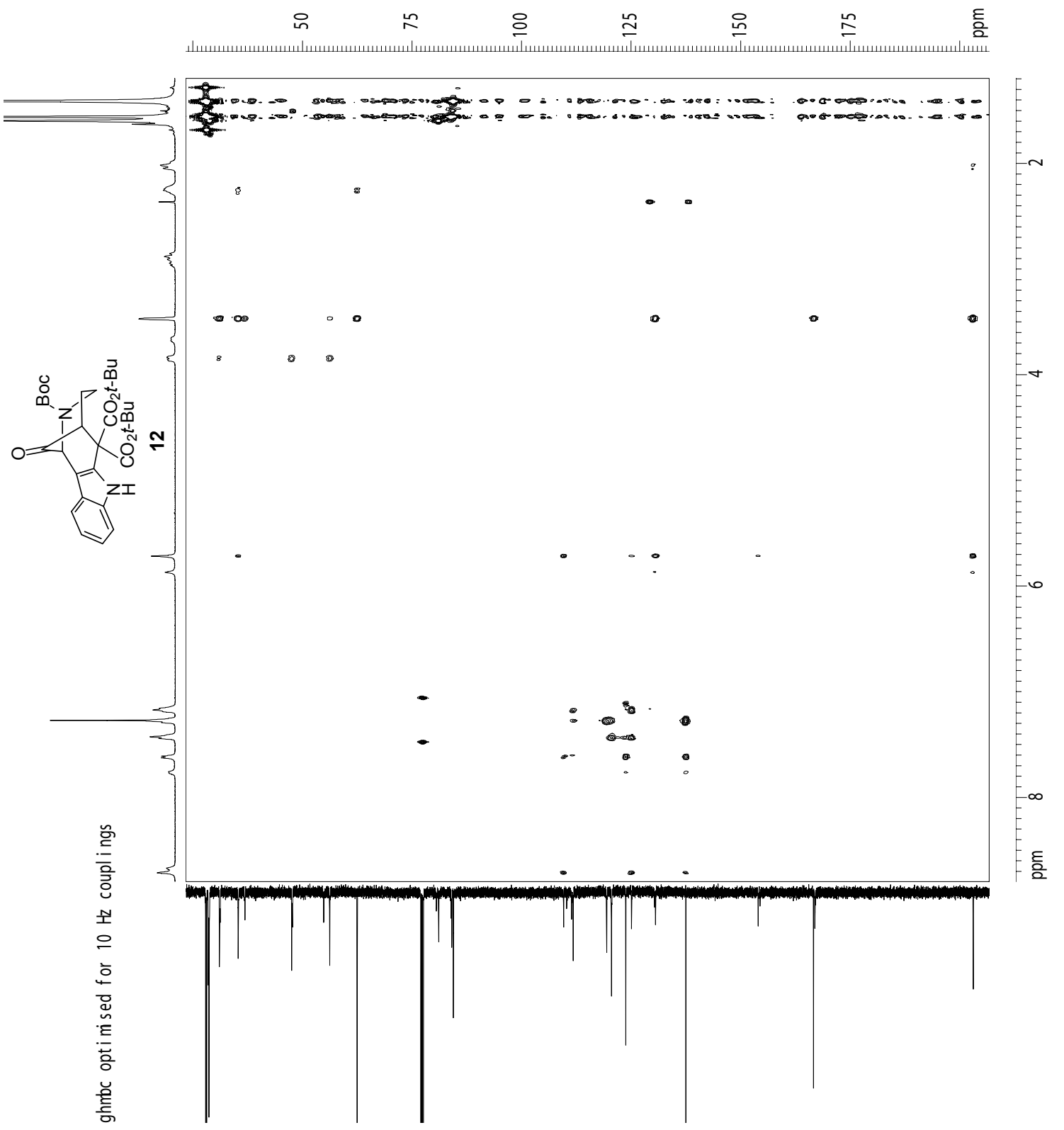
==== GRAB ENT CHANNEL =====
 GPNAM1 si ne. 100
 GPNAM2 si ne. 100
 GPNAM8 si ne. 100
 GPX1 0.00 %
 GPX2 0.00 %
 GPX3 0.00 %
 GPY1 0.00 %
 GPY2 0.00 %
 GPY3 0.00 %
 GPZ1 30.00 %
 GPZ2 40.00 %
 GPZ3 40.00 %
 PT6 1000.00 usec

F1 - Acquisition parameters
 NDO 2
 TD 256
 SFO1 125.7943 MHz
 FIDRES 117.94530 Hz
 SW 239.985 ppm
 FWHM undefined

F2 - Processing parameters
 SI 1024
 SF 500.2202556 MHz
 WDW SINE
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.40

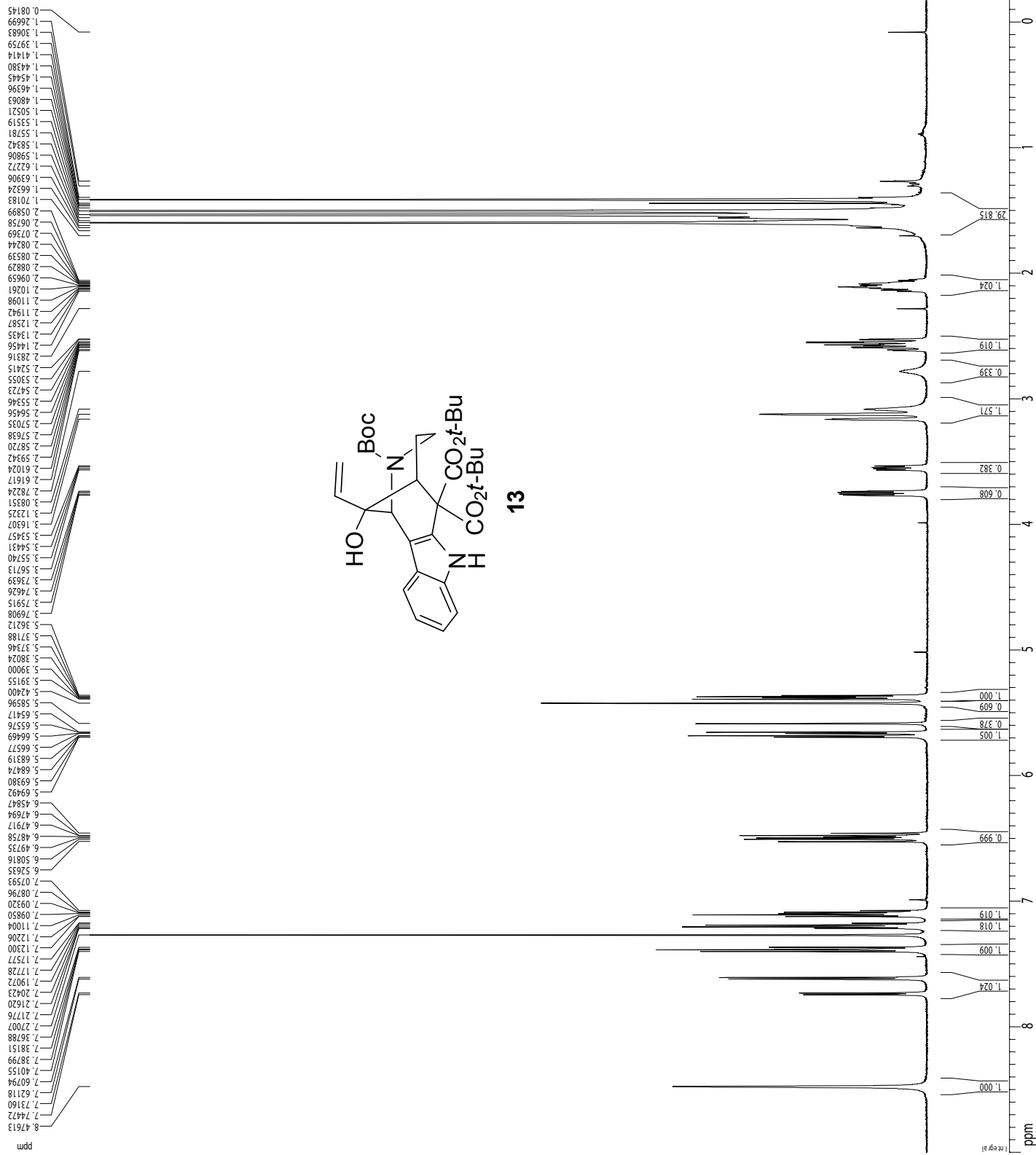
F1 - Processing parameters
 SI 104
 SF 125.7804038 MHz
 WDW SINE
 SSB 0
 LB 0.00 Hz
 GB 0

2D NMR plot parameters
 CX1 15.00 cm
 F2PLO 8.797 ppm
 F2 440.164 ppm
 F2PHI 597.50 Hz
 FTPL0 206.687 ppm
 FILO 25997.23 Hz
 F1PHI 23.398 ppm
 F1H 2942.98 Hz
 F2PPHOM 0.50684 ppm/cm
 F2HCCM 253.53065 Hz/cm
 F1PPHOM 12.21931 ppm/cm
 F1HCCM 1536.94971 Hz/cm



ghmcc optimized for 10 Hz couplings

¹H spectrum



Current Data Parameters
 USER conor
 NAME vinylgrig-char
 EXPNO 12
 PRCCNO 1

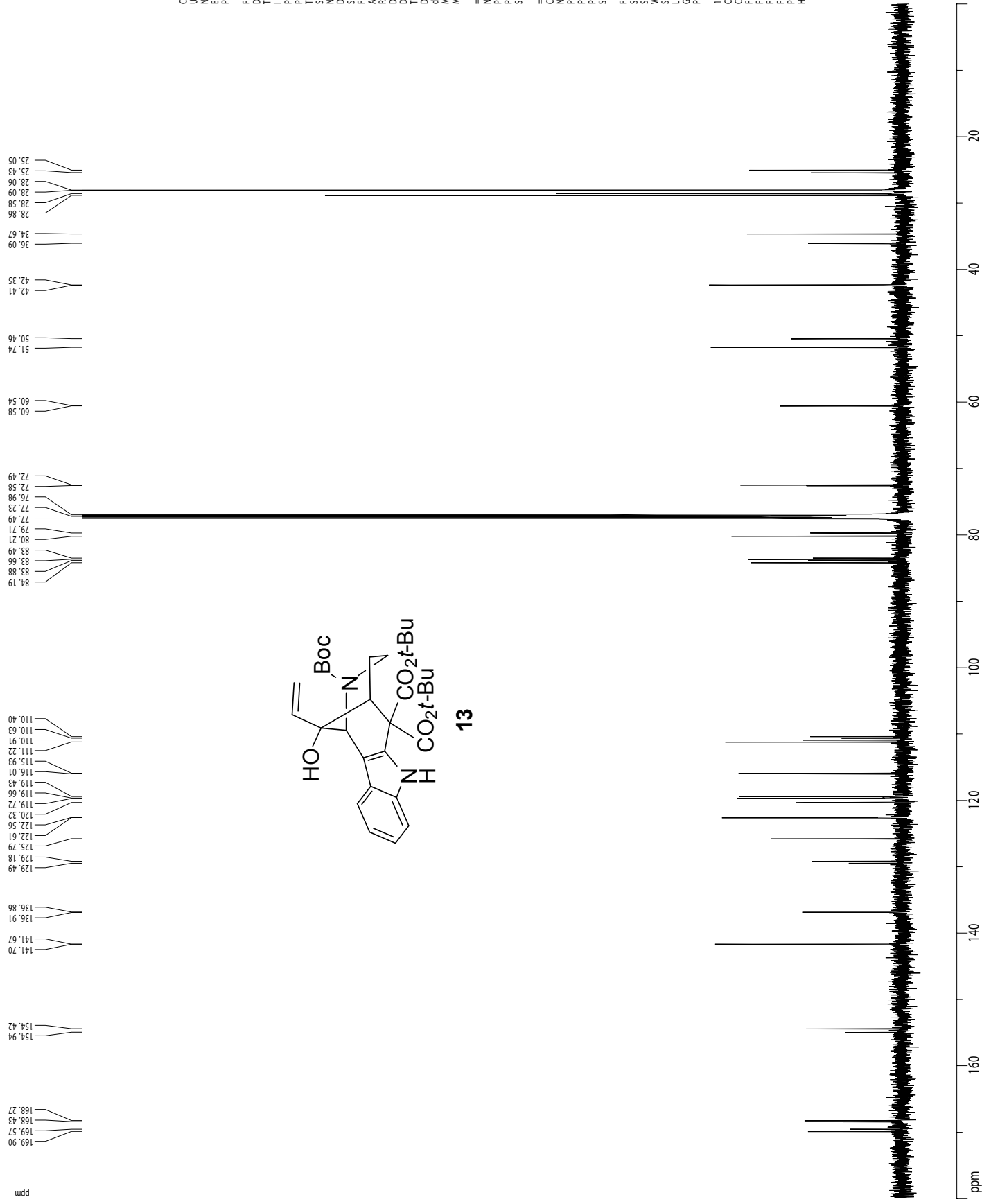
F2 - Acquisition Parameters
 Date_ 20080416
 Time 16.50
 INSTRUM av600
 PRCBHD 5 mmTBI 1H/13
 PULPROG zg30
 ID 97938
 SOLVENT CDCl3
 NS 33
 SWH 9615.385 Hz
 FIDRES 0.098178 Hz
 AQ 5.0928259 sec
 RG 228
 DW 52.000 usec
 DE 6.00 usec
 TE 298.2 K
 DT 0.10000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 8.00 usec
 PL1 -1.00 dB
 SFO1 600.1342009 MHz

F2 - Processing parameters
 SI 65585
 SF 600.1300292 MHz
 WDW 1000
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 22.80 cm
 CY 166.02 cm
 FIP 9.000 ppm
 F1 5401.17 Hz
 F2P -1.000 ppm
 F2 -600.13 Hz
 PPKCM 0.43860 ppm/cm
 HZCM 263.2494 Hz/cm

¹³C spectrum with ¹H decoupling



```

Current Data Parameters
=====
USER      connor
NAME      vinylgrig-char
EXPNO    4
PROCNO    1

F2 - Acquisition Parameters
=====
Date_     20080416
Time      17.01
INSTRUM   cryo500
PROBHD    5 mmCPTCL 1H
PULPROG   zgpg30
TD         65418
SOLVENT   CDCl3
NS         950
DS         4
SWH        30903.031 Hz
FIDRES     0.463222 Hz
AQ          1.0754470 sec
RG          16384
DW          16.500 usec
DE          6.00 usec
TE          298.0 K
d11         0.2500000 sec
d12         0.0300000 sec
d13         0.0000000 sec
d14         0.0150000 sec
ACQRES    0.0150000 sec
===== CHANNEL f1 =====
NUC1       13C
P1         14.75 usec
PL1        -1.00 dB
SFO1       125.7942546 MHz
===== CHANNEL f2 =====
COPPRG2   waltz16
NUC2       1H
PCPD2     100.00 usec
PL2        1.60 dB
PL12       24.80 dB
SFO2       500.2225011 MHz

F2 - Processing parameters
=====
SI         65536
SF         125.7803988 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         2.00

ID:IMP:plot:parameters
=====
CV         272.80 cm
CY         107.33 cm
F1P        180.000 ppm
F1P        22640.47 Hz
F2P        0.000 ppm
F2P        0.00 Hz
PP4CM      7.89474 ppm/cm
HZCM       993.00317 Hz/cm
    
```


Current Data Parameters
USER comor
NAME CLM1-243B
EXPNO 5
PROCNO 1

F2 - Acquisition Parameters

Date_ 20071005
Time 23.38
INSTRUM cryo500
PROBHD 5 mm CPTCI TH
PULPROG invgpa.wu
TD 2048
SOLVENT CDCl3
DS 16
SWH 4006.410 Hz
FIDRES 1.95655 Hz
AQ 0.2556404 sec
RG 3251
DW 124.800 usec
DE 6.50 usec
TE 300.2 K
CNS72 145.000000 sec
d0 0.0000000 sec
d1 1.0000000 sec
d2 0.00344828 sec
d12 0.00002000 sec
d13 0.00000300 sec
D16 0.00020000 sec
d20 0.0042228 sec
LNO 0.0001800 sec

==== CHANNEL f1 =====
NUC1 H
P1 8.00 usec
P2 16.00 usec
PL1 1.60 dB
SFO1 500.2225011 MHz

==== CHANNEL f2 =====
CPDPRG2 zgpg30
NUC2 13C
P3 15.00 usec
PCPD2 65.00 usec
PL2 -1.00 dB
PL12 11.80 dB
SFO2 125.7942548 MHz

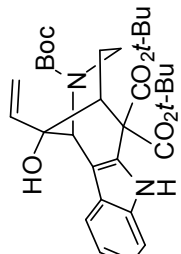
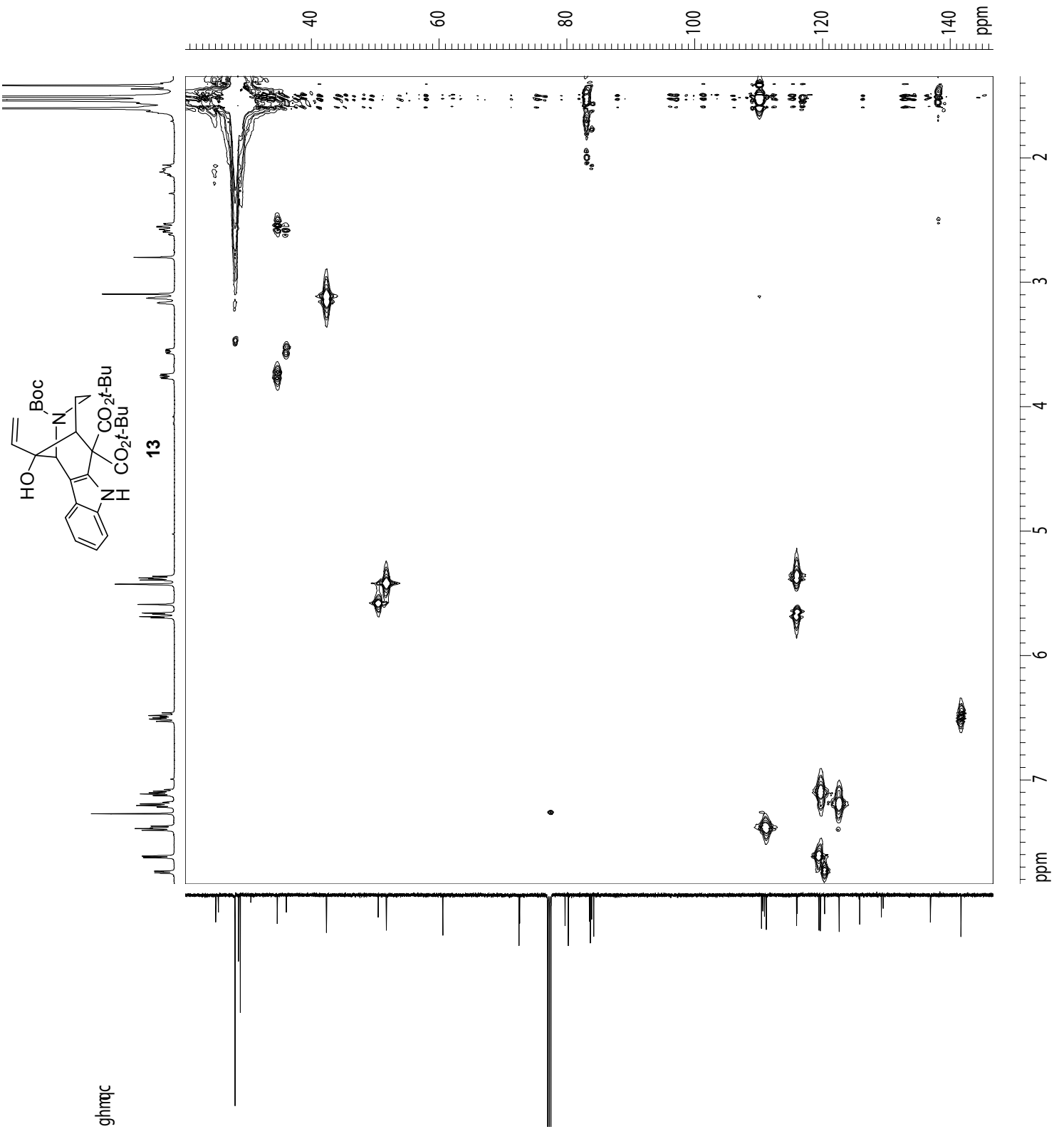
==== GRAB F1F2 CHANNEL =====
GPNMR sine 100
GPNMRB sine 100
GPA1 0.00 %
GPA2 0.00 %
GPA3 0.00 %
GPA4 0.00 %
GPA5 0.00 %
GPA6 0.00 %
GPA7 30.00 %
GPA8 18.00 %
GPA9 24.00 %
GPA10 1000.00 usec

F1 - Acquisition parameters
NUC1 13C
SFO1 125.7943 MHz
FIDRES 108.131485 Hz
SW 220.055 ppm
FMODE undefined

F2 - Processing parameters
SI 1024
WDW 500.2200286 MHz
SSB 0
LB 5.00 Hz
GB 0
PC 4.00

F1 - Processing parameters
SI 1024
WDW 125.794041 MHz
SSB 3
LB 0.00 Hz
GB 0

2D NMR plot parameters
CXZ 15.00 cm
CXY 8.00 cm
F2ILO 7.826 ppm
F2IHO 3919.90 Hz
F2PH 1.344 ppm
F2H 672.52 Hz
F1ILO 146.679 ppm
F1IHO 18449.37 Hz
F1PH 20.306 ppm
F1H 2534.04 Hz
F1PHCM 1.05968872 Hz/cm
F1H2CM 8.42491 ppm/cm
F1HZCM 1059.68872 Hz/cm



ghmrqc

Current Data Parameters
USER Comor
NAME CLIM 1-24382
EXPNO 12
PROCNO 1

F2 - Acquisition Parameters

Date_ 20071008
Time 15.28
INSTRUM av600
PROBHD 5 mm TBI 1H/13
PULPROG cosygaf
TD 1912
SOLVENT CDCl3
NS 1
DS 16
SWH 4795.396 Hz
FIDRES 2.508053 Hz
AQ 0.1994079 sec
RG 90.5
DW 104.267 usec
DE 6.00 usec
TE 298.0 K
d0 0.00000300 sec
d1 1.48689198 sec
d13 0.00000400 sec
d16 0.00020000 sec
IND 0.00020830 sec

==== CHANNEL f1 =====
NUC1 1H
P0 8.00 usec
PL1 8.00 usec
PL2 -1.00 db
SFO1 600.1329406 MHz

==== GRADIENT CHANNEL =====
GPNAM1 SINE.100
GPNAM2 SINE.100
GPZ1 10.00 %
GPZ2 10.00 %
P16 1000.00 usec

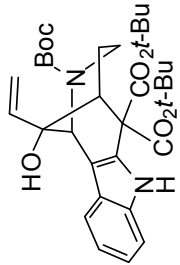
F1 - Acquisition parameters
ND0 256
TD 600.1329 MHz
SFO1 18.753000 Hz
FIDRES 8.000 ppm
F1WDW CF

F2 - Processing parameters
SI 1024
SF 600.1300267 MHz
SINE
VDW 0
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

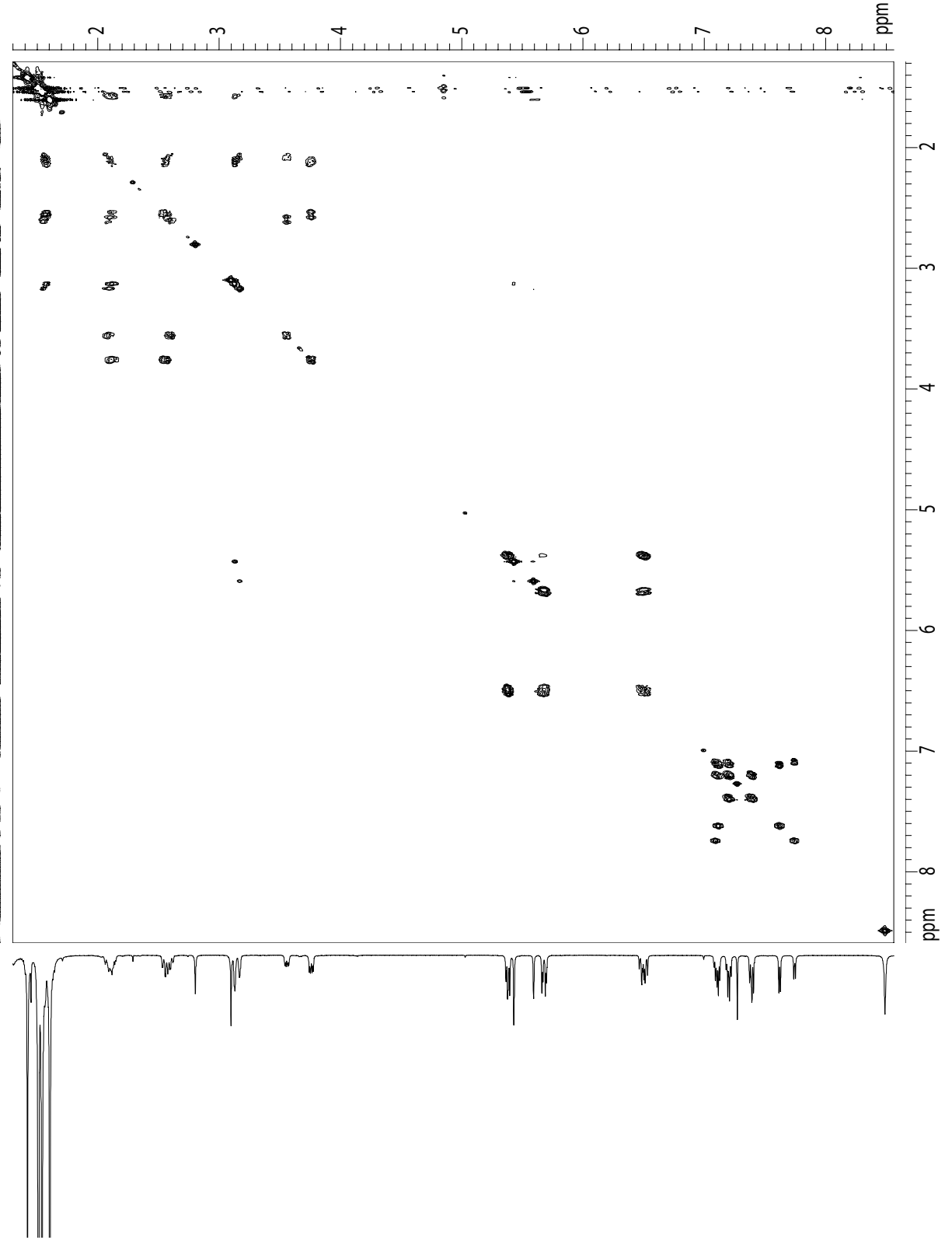
F1 - Processing parameters
SI 1024
MCZ CF
SF 600.1300267 MHz
SINE
VDW 0
SSB 0
LB 0.00 Hz
GB 0

2D NMR plot parameters
CX1 15.00 cm
CX2 15.00 cm
F2PLO 8.590 ppm
F2LO 5155.10 Hz
F2PH 1.286 ppm
F2H 771.80 Hz
F1PLO 8.563 ppm
F1LO 5138.86 Hz
F1PH 1.298 ppm
F1H 778.78 Hz
F2PPMCM 0.48693 ppm/cm
F2HZCM 292.21945 Hz/cm
F1PPMCM 0.48435 ppm/cm
F1HZCM 290.67151 Hz/cm

gcosy



13



Current Data Parameters
 USER: noesygp
 NAME: CLM11-245B
 EXPNO: 12
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20071005
 Time: 21.06
 INSTRUM: av600
 PROBHD: 5 mm TBI 1H 13
 PULPROG: noesygph
 TD: 1912
 SOLVENT: CDCl3
 NS: 4
 DS: 16
 SWH: 4795.396 Hz
 FIDRES: 2.508053 Hz
 AQ: 0.1994079 sec
 RG: 203
 DW: 104.267 usec
 DE: 6.00 usec
 TE: 298.0 K
 d0: 0.00009396 sec
 D1: 2.00000000 sec
 D8: 1.00000000 sec
 D16: 0.00020000 sec
 INO: 0.00020830 sec
 STICNT: 128
 TAU: 0.49880001 sec

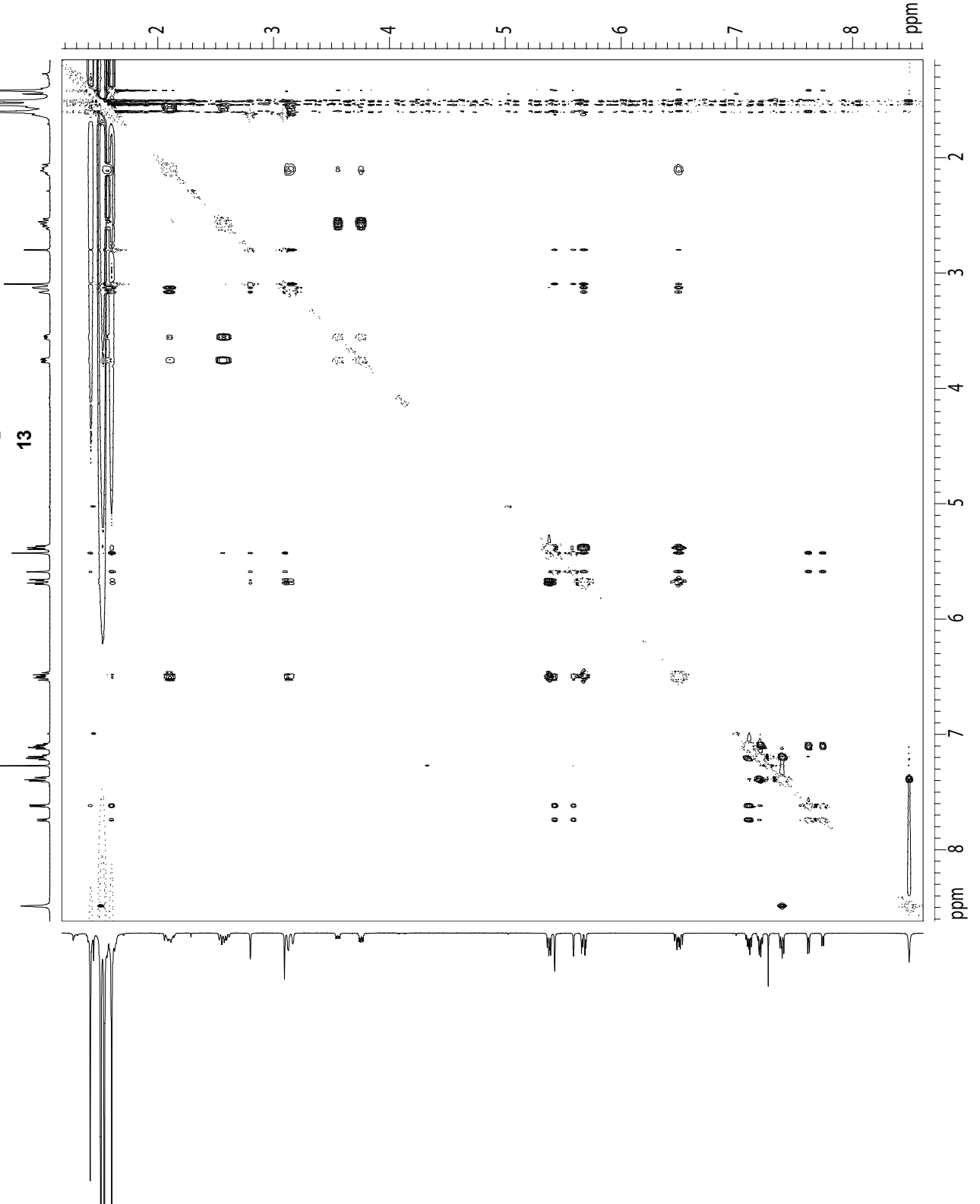
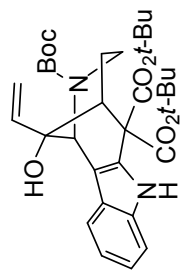
F1 - Acquisition Parameters
 NUC1: 1H
 P1: 8.00 usec
 P2: 16.00 usec
 PL1: -1.00 dB
 SFO1: 600.1330006 MHz

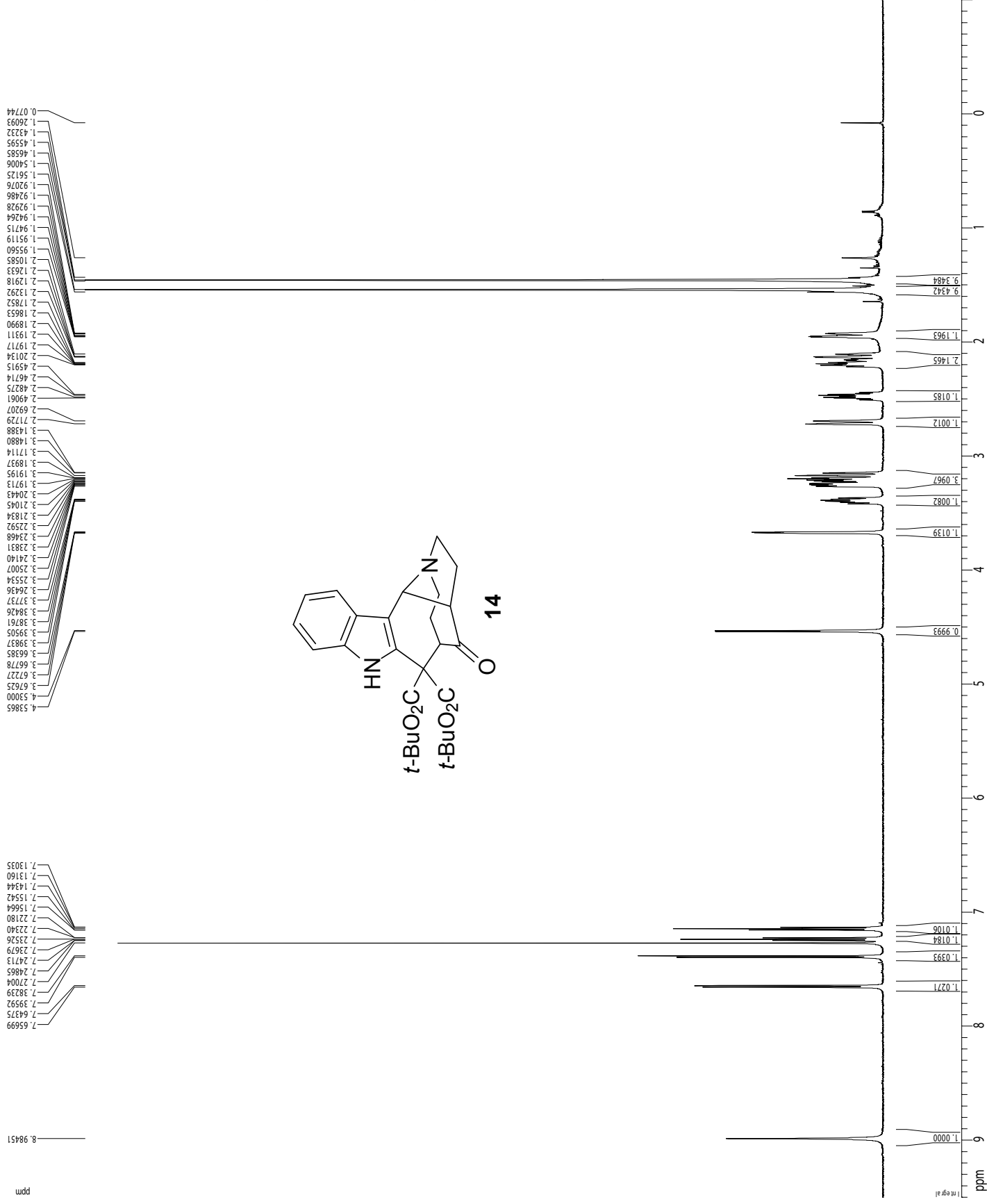
GRABENT CHANNEL
 GPNAM1: SINE.100
 GPNAM2: SINE.100
 GZ1: 40.00 %
 GZ2: -40.00 %
 P16: 1000.00 usec

F2 - Processing parameters
 SI: 1024
 SF: 600.1300288 MHz
 WDW: COSYNE
 SSB: 2
 LB: 0.00 Hz
 GB: 0
 PC: 1.00

F1 - Processing parameters
 SI: 1024
 IC2: States-TPII
 SF: 600.1300288 MHz
 WDW: COSYNE
 SSB: 2
 LB: 0.00 Hz
 GB: 0

2D NMR plot parameters
 OX: 15.00 cm
 CX: 15.00 cm
 F2PLO: 8.620 ppm
 F2LO: 5172.83 Hz
 F2PH: 1.152 ppm
 F2HI: 691.20 Hz
 F1PLO: 8.608 ppm
 F1LO: 5165.92 Hz
 F1PH: 1.171 ppm
 F1HI: 702.71 Hz
 F2PNCM: 0.49785 ppm/cm
 F2HCN: 298.72567 Hz/cm
 F1PNCM: 0.49581 ppm/cm
 F1HCN: 297.54761 Hz/cm





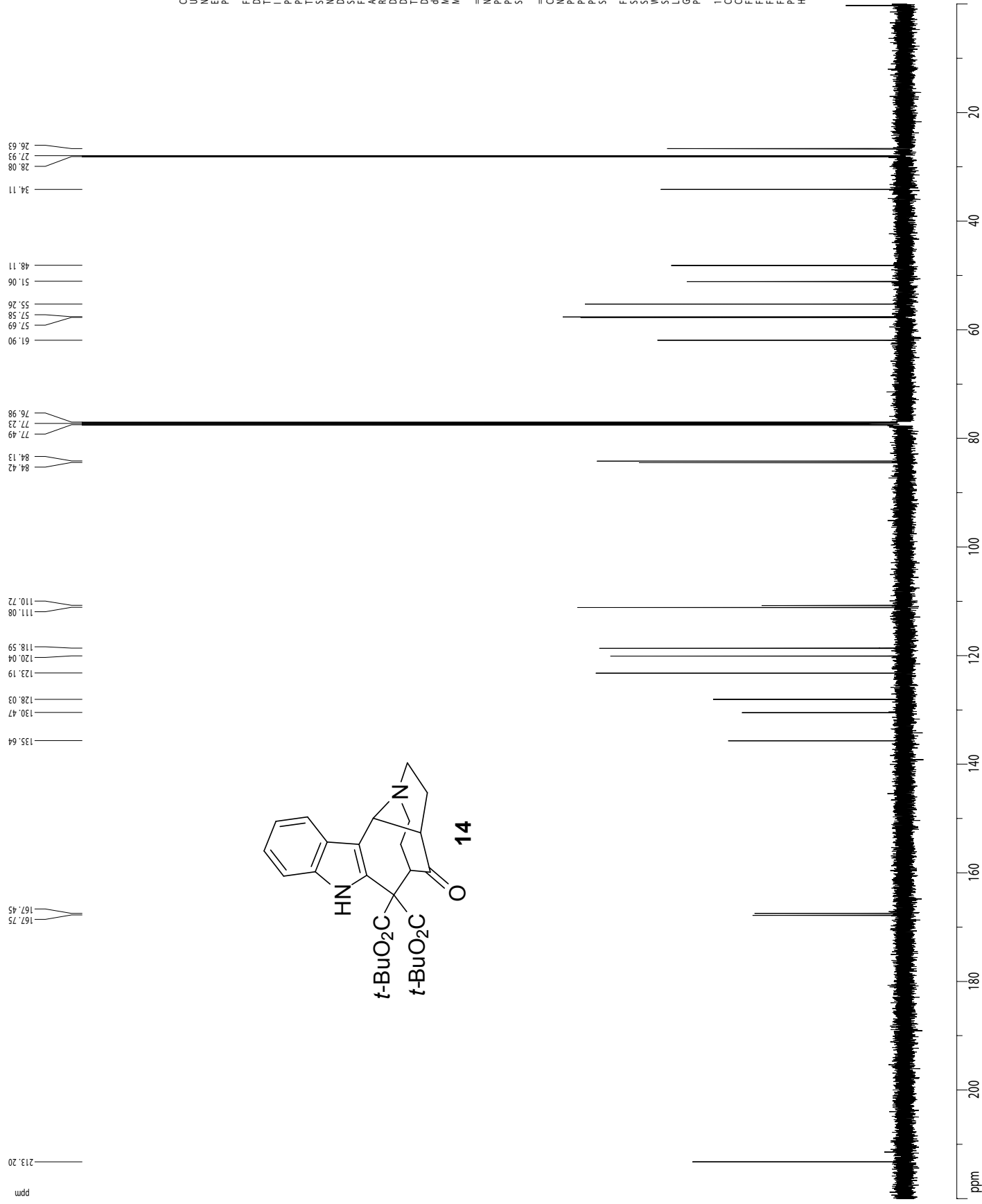
Current Data Parameters
 USER conor
 NAME di ester
 EXPNO 11
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20080420
 Time 17.00
 INSTRUM av600
 PROBHD 5 mmTBI 1H/13
 PULPROG zg30
 ID 97938
 SOLVENT CDCl3
 NS 9
 DS 2
 SWH 9615.385 Hz
 FIDRES 0.098178 Hz
 AQ 5.0928259 sec
 RG 228
 DW 52.000 usec
 DE 6.00 usec
 TE 292.6 K
 DT 0.10000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 8.00 usec
 PL1 -1.00 dB
 SFO1 600.1342009 MHz

F2 - Processing parameters
 SI 65586
 SF 600.1300293 MHz
 WDW tukey
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 22.80 cm
 CY 99.11 cm
 FIP 9.500 ppm
 F1 5701.23 Hz
 F2P -1.000 ppm
 F2 -600.13 Hz
 PPKCM 0.46053 ppm/cm
 HZCM 276.37567 Hz/cm



```

Current Data Parameters
USER      connor
NAME      CLM1-2648
EXPNO     5
PROCNO    1

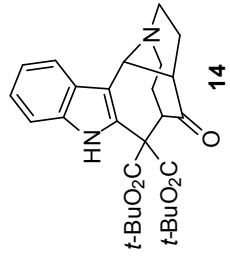
F2 - Acquisition Parameters
Date_     20071109
Time      13.07
INSTRUM   cryo500
PROBHD    5 mmCPCL 1H
PULPROG   zgpg30
TD         65418
SOLVENT   CDCl3
NS         335
DS         4
SWH        30903.031 Hz
FIDRES     0.463222 Hz
AQ         1.07544470 sec
RG         11585.2
DW         16.500 usec
DE         6.00 usec
TE         298.0 K
d1         0.25000000 sec
d11        0.03000000 sec
d12        0.00000000 sec
d13        0.01500000 sec
ACQBRK    0.01500000 sec

===== CHANNEL f1 =====
NUC1       13C
P1         15.00 usec
PL1        -1.00 dB
SFO1       125.7942546 MHz

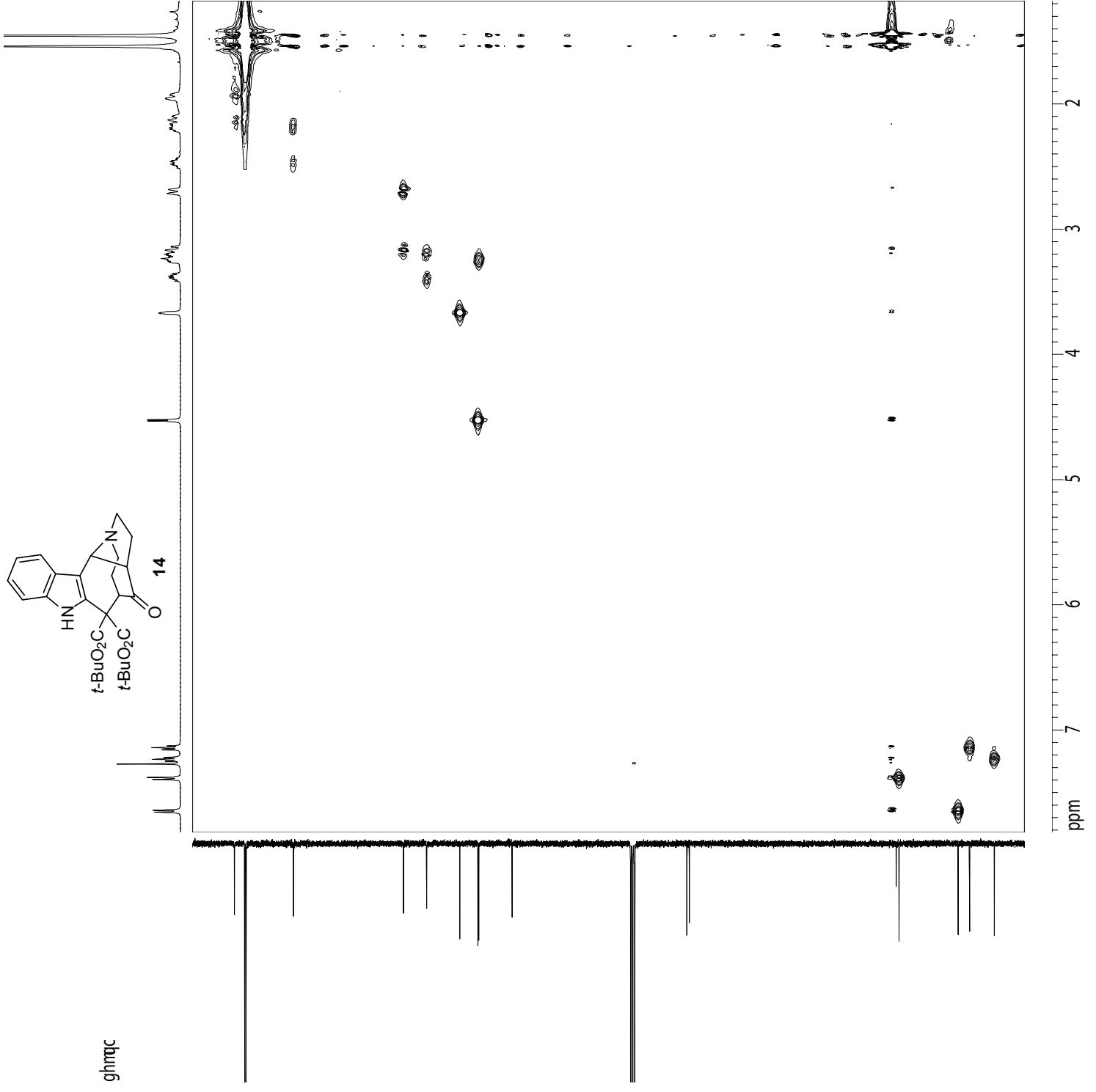
===== CHANNEL f2 =====
GPPPRG2   waltz16
NUC2       1H
PCPD2     100.00 usec
PL2        1.60 dB
PL12       23.54 dB
SFO2       500.2225011 MHz

F2 - Processing parameters
SI         65536
SF         125.7864002 MHz
WDW        no
SSB        0
LB         0.00 Hz
GB         0
PC         2.00

ID: NMR plot parameters
CV         272.80 cm
CY         31.85 cm
E1P        220.000 ppm
E1         27671.69 Hz
F2P        0.000 ppm
F2         0.00 Hz
PP4CM      9.64912 ppm/cm
HZCM       1213.67065 Hz/cm
    
```



ghmrc



Current Data Parameters

USER comor
 NAME CLM1-264B
 EXPNO 3
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20071109
 Time 13.19
 INSTRUM cryo500
 PROBHD 5 mm CPTCI 1H
 PULPROG invgpa.wu
 TD 2048
 SOLVENT CDCl3
 DS 16
 SWH 4194.631 Hz
 FIDRES 2.948160 Hz
 AQ 0.2441716 sec
 RG 4096
 DW 119.200 usec
 DE 6.50 usec
 TE 300.2 K
 C1P2 145.000000 sec
 d0 0.00000000 sec
 d1 1.00000000 sec
 d2 0.00344628 sec
 d12 0.00002000 sec
 d13 0.00000300 sec
 D16 0.00020000 sec
 d20 0.00422228 sec
 INO 0.0001656 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 8.00 usec
 P2 16.00 usec
 PL1 1.60 dB
 SFO1 500.226011 MHz

===== CHANNEL f2 =====
 CPDPRG2 zgpg30
 NUC2 13C
 P3 15.00 usec
 PCPD2 65.00 usec
 PL2 -1.00 dB
 PL12 11.80 dB
 SFO2 125.7942548 MHz

===== GRAB F1F2 CHANNEL =====
 GPMAR sine.100
 GPMAR2 sine.100
 GPMAR3 sine.100
 GPX1 0.00 %
 GPX2 0.00 %
 GPX3 0.00 %
 GPY1 0.00 %
 GPY2 0.00 %
 GPY3 0.00 %
 GPZ1 30.00 %
 GPZ2 18.00 %
 GPZ3 24.00 %
 P16 1000.00 usec

F1 - Acquisition parameters

NUC1 13C
 Z 2
 SFO1 125.7943 MHz
 FIDRES 117.924630 Hz
 SW 239.985 ppm
 FMODE undefined

F2 - Processing parameters

SF 1024
 SWH 500.2200260 MHz
 FID 1H
 SSB 0
 LB 5.00 Hz
 GB 0
 PC 2.00

F1 - Processing parameters

SF 1024
 SWH 125.7890002 MHz
 FID 13C
 SSB 3
 LB 0.00 Hz
 GB 0

2D NMR plot parameters

CX2 15.00 cm
 CY2 15.00 cm
 F2F0 7.818 ppm
 F2F10 3910.57 Hz
 F2PH 1.176 ppm
 F2H 588.46 Hz
 F1F0 127.026 ppm
 F1LO 15977.34 Hz
 F1PH 21.218 ppm
 F1PC 2881.35 Hz
 F1PRCM 1.00000000 ppm/cm
 F2PC 221.47833 Hz/cm
 F1PRCM 7.04220 ppm/cm
 F1HZCM 886.39935 Hz/cm

Current Data Parameters
USER: comor
NAME: CLM1-2648
EXPNO: 4
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20071109
Time: 13.25
INSTRUM: cryos500
PROBHD: 5 mm CPTC 1H
PULPROG: cosygp
TD: 2048
SOLVENT: CDCl3
NS: 1
DS: 16

SWH: 4194.631 Hz
FIDRES: 2.048160 Hz
AQ: 0.2441716 sec
RG: 35.9
DW: 119.200 usec
DE: 6.00 usec
TE: 298.0 K
D0: 0.0000300 sec
D1: 1.0000000 sec
D13: 0.0000500 sec
D16: 0.0002000 sec
TNO: 0.00023799 sec

==== CHANNEL f1 =====
NUC1: 1H
P0: 8.00 usec
PL1: 8.00 usec
PL2: 1.60 dB
SFO1: 500.2226011 MHz

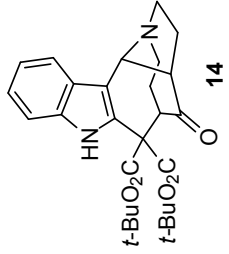
==== GRADIENT CHANNEL =====
GPMV1: sine, 100
GPMV2: sine, 100
GPX1: 0.00 %
GPX2: 0.00 %
GPY1: 0.00 %
GPY2: 0.00 %
GPZ1: 17.00 %
GPZ2: 17.00 %
PI6: 1000.00 usec

F1 - Acquisition parameters
ND0: 170
TD: 1
SFO1: 500.2226 MHz
FIDRES: 24.717068 Hz
SW: 8.400 ppm
FMODE: undefined

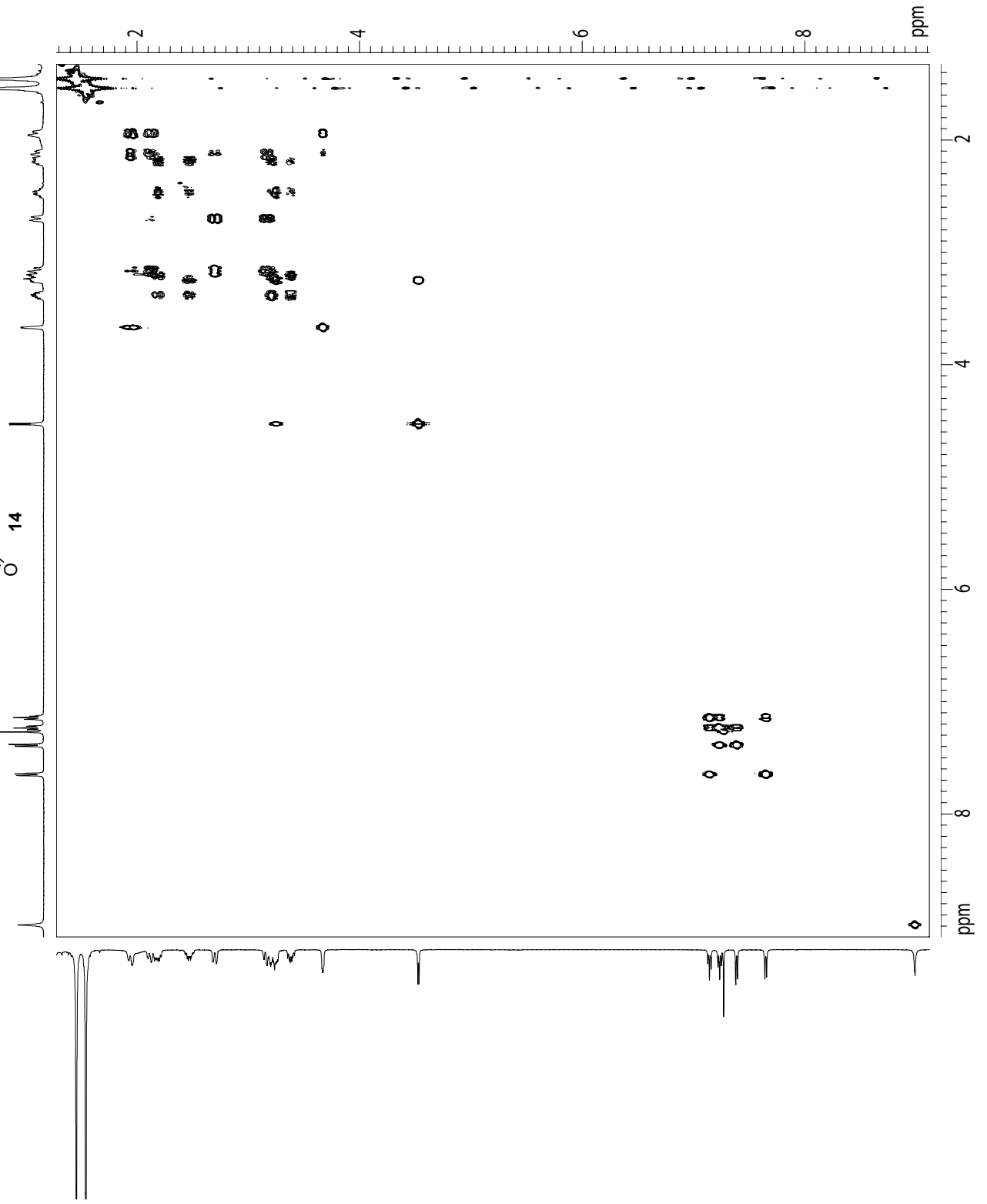
F2 - Processing parameters
SI: 1024
SF: 500.2200260 MHz
WDW: SINE
SSB: 0
LB: 0.00 Hz
GB: 0
PC: 1.40

F1 - Processing parameters
SI: 1024
MC2: CF
SF: 500.2200260 MHz
WDW: SINE
SSB: 0
LB: 0.00 Hz
GB: 0

2D NMR plot parameters
CQ: 15.00 cm
CX: 15.00 cm
F2PLO: 9.095 ppm
F2LO: 4549.60 Hz
F2PH: 1.324 ppm
F2HI: 662.19 Hz
F1PLO: 9.118 ppm
F1LO: 4561.23 Hz
F1PH: 1.276 ppm
F1HI: 638.26 Hz
F2PPHOM: 0.51809 ppm/cm
F2PCOM: 259.16046 Hz/cm
F1PPHOM: 0.52282 ppm/cm
F1PCOM: 261.52460 Hz/cm



gcossy



USER comor
 NAME CLM1-2648
 EXPNO 17
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20071109
 Time 14.08
 INSTRUM av600
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 2
 DS 16
 SWH 5040.323 Hz
 FIDRES 5.676039 Hz
 AQ 0.0881396 sec
 RG 2050
 DW 99.200 usec
 DE 6.00 usec
 TE 298.0 K
 CHST2 145.0000000
 d0 10.0000000
 d1 0.00000300 sec
 d2 1.10000002 sec
 d6 0.00344628 sec
 d8 0.05000000 sec
 d16 0.00000300 sec
 d18 0.00001300 sec

CHANNEL f1

NUC1 1H
 P1 8.00 usec
 P2 16.00 usec
 PL1 -1.00 dB
 SFO1 600.1331207 MHz

CHANNEL f2

NUC2 13C
 P3 15.00 usec
 PL2 -1.00 dB
 SFO2 150.9194083 MHz

GRABENT CHANNEL

GRAB1 SINE 100
 GRAB2 SINE 100
 GRAB6 SINE 100
 GP1 50.00 %
 GP2 30.00 %
 GP3 40.10 %
 P16 1000.00 usec

F1 - Acquisition parameters

ND0 2
 TD 512
 SFO1 150.9194 MHz
 FIDRES 70.765396 Hz
 SW 240.074 ppm
 FMODE CF

F2 - Processing parameters

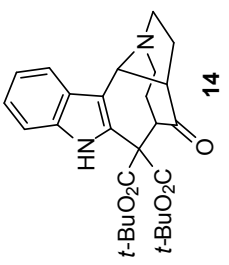
SI 1024
 SF 600.1300260 MHz
 SINC SINC
 LB 0.00 Hz
 GB 0
 PC 1.00

F1 - Processing parameters

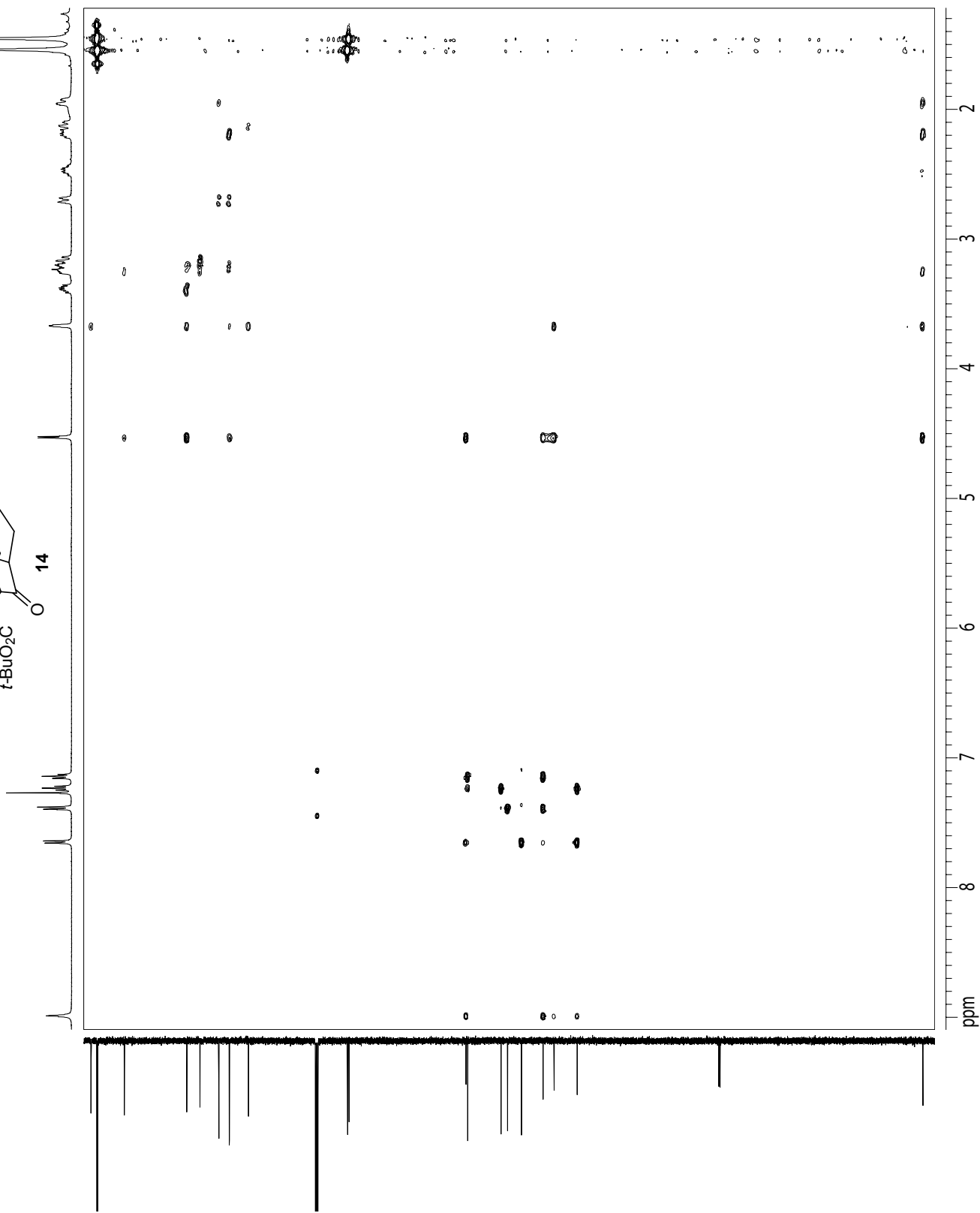
SI 1024
 CF CF
 SF 150.9027901 MHz
 SINC SINC
 SSB 0
 LB 0.00 Hz
 GB 0

2D MMR plot parameters

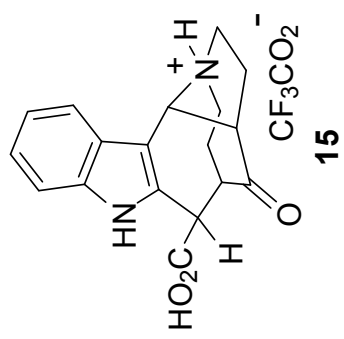
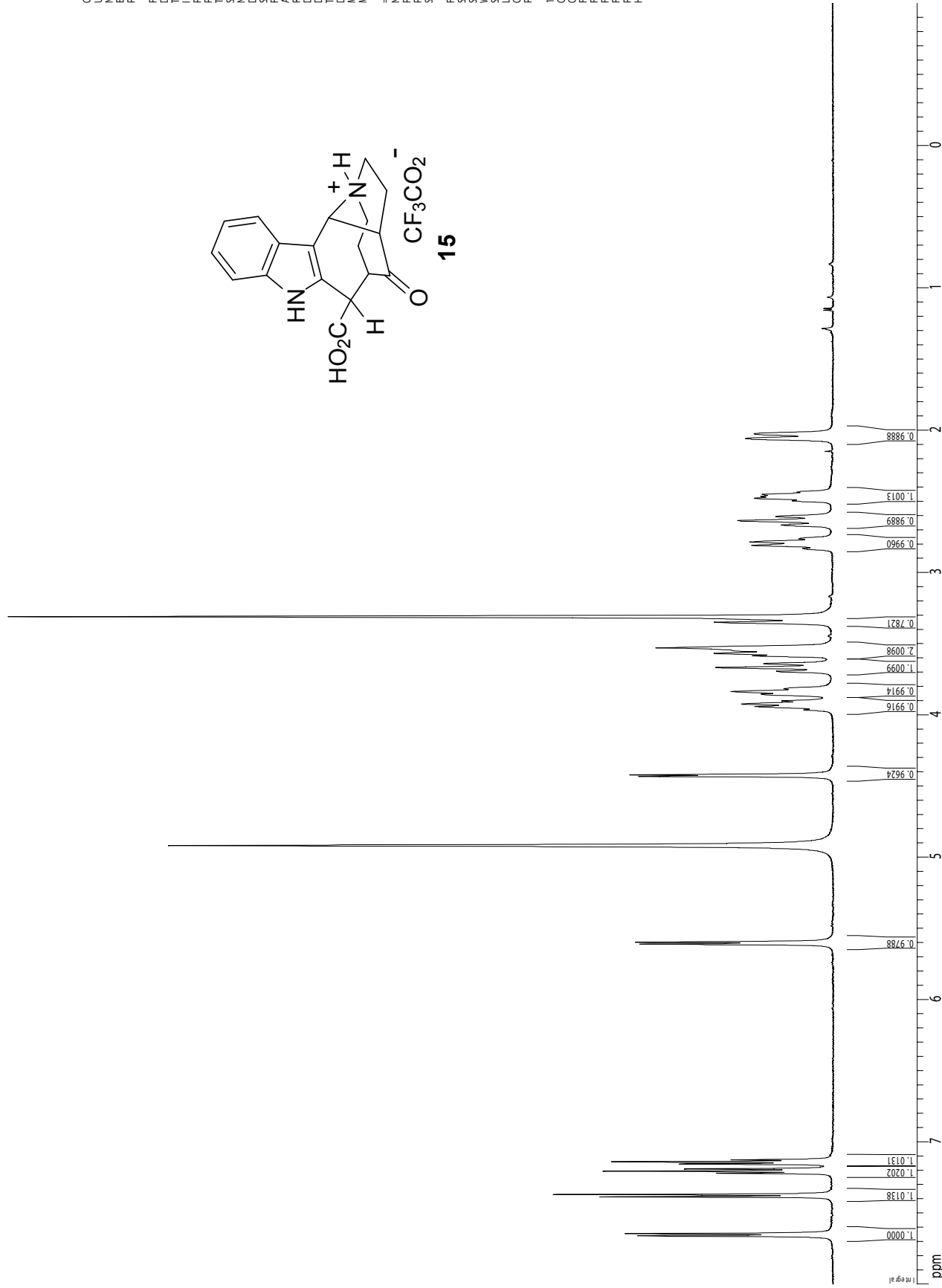
CZ 18.00 cm
 F2H0 15.00 cm
 F2H1 5457.96 Hz
 F2PH 1.320 ppm
 F2H 732.05 Hz
 F1P0 215.872 ppm
 F1H 32575.75 Hz
 F1PH 25.011 ppm
 F1H 3774.23 Hz
 F2PPMCM 0.43743 ppm/cm
 F2HZCM 262.51678 Hz/cm
 F1PPMCM 12.72409 ppm/cm
 F1HZCM 1920.10107 Hz/cm



ghnbc optimized for 10Hz couplings



¹H spectrum



Current Data Parameters
 USER: comor
 NAME: CLM-2-47D
 EXPNO: 1
 PROCNO: 1

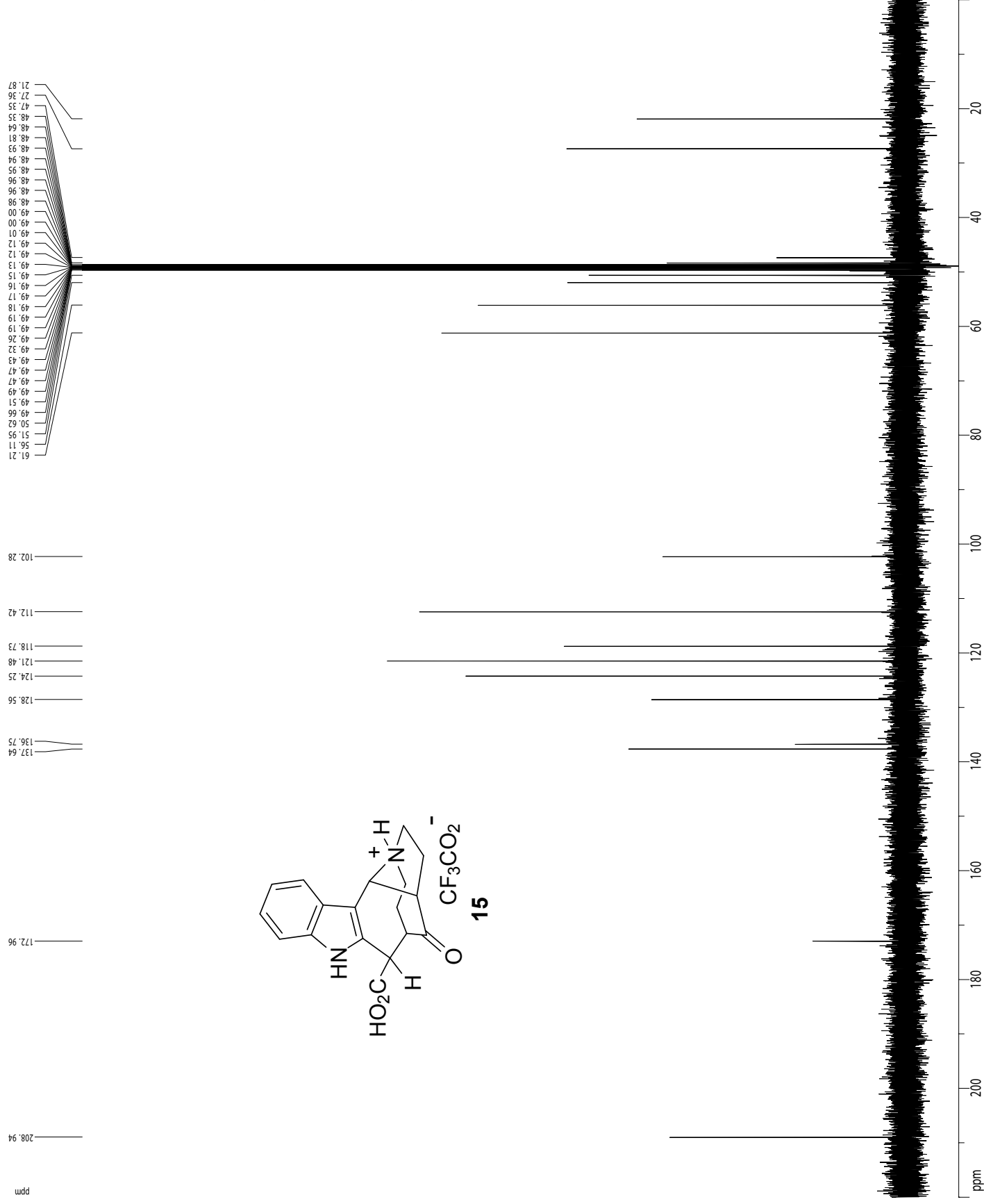
F2 - Acquisition Parameters
 Date_: 20080315
 Time: 18.23
 INSTRUM: cryos00
 PROBRD: 5 mmCPCLP1H
 PULPROG: zgpg30
 TD: 8728
 SOLVENT: CD3OD
 NS: 8
 DS: 2
 SWH: 8012.820 Hz
 FIDRES: 0.098043 Hz
 AQ: 5.0988774 sec
 RG: 11.3
 DW: 62.400 usec
 DE: 6.00 usec
 TE: 298.0 K
 DL: 0.1000000 sec
 ACQST: 0.0000000 sec
 MCWK: 0.01500000 sec

===== CHANNEL f1 =====
 NUC1: 1H
 P1: 7.38 usec
 PL1: 1.60 dB
 SFO1: 500.2235015 MHz

F2 - Processing parameters
 SI: 65536
 SF: 500.2200182 MHz
 WDW: no
 SSB: 0.00 Hz
 GB: 0.00 Hz
 PC: 4.00

ID NAME pl ot parameter
 CX: 22.80 cm
 CY: 14.68 cm
 F1P: 8.000 ppm
 F1: 4001.76 Hz
 F2P: -1.000 ppm
 F2: -500.22 Hz
 PPRCM: 0.39474 ppm/cm
 HZCM: 197.45528 Hz/cm

¹³C spectrum with ¹H decoupling



Current Data Parameters
 USER conor
 NAME CLM 2-47D
 EXPNO 5
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20080315
 Time 18.26
 INSTRUM cryo500
 PROBHD 5 mm CPTCL 1H
 PULPROG zgpg30
 TD 65418
 SOLVENT CDCl3
 NS 163
 SWH 30903.091 Hz
 FIDRES 0.463222 Hz
 AQ 1.0794470 sec
 RG 7298.2
 DW 16.500 usec
 DE 6.00 usec
 TE 298.0 K
 d1 2.0000000 sec
 d11 0.0300000 sec
 ACREST 0.0000000 sec
 ACYBK 0.0150000 sec

==== CHANNEL f1 =====
 NUC1 ¹³C
 P1 14.75 usec
 PL1 -1.00 dB
 SFO1 125.7942546 MHz

==== CHANNEL f2 =====
 CDPORG waltz16
 NUC2 ¹H
 PCPD2 100.00 usec
 PL2 1.60 dB
 PL12 24.80 dB
 SFO2 500.2225011 MHz

F2 - Processing parameters
 SI 65536
 SF 125.7802279 MHz
 WDW no
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 2.00

ID NMR plot parameters
 CV 321.80 cm
 CY 339.84 cm
 F1P 220.000 ppm
 F1 27671.65 Hz
 F2P 0.000 ppm
 F2 0.00 Hz
 PPA1M 9.64912 ppm/cm
 HZCM 1213.66895 Hz/cm

Current Data Parameters

USER comor
NAME CLM2-47D
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters

Date_ 20080315
Time 18.35
INSTRUM cryo500
PROBHD 5 mm CPTCI TH
PULPROG invwga.wu
TD 2048
SOLVENT CDCl3
DS 16
SWH 3901.401 Hz
FIDRES 1.709668 Hz
AQ 0.2925044 sec
RG 11586.2
DW 142.800 usec
DE 6.50 usec
TE 300.2 K
CNS172 145.000000 sec
d0 0.00000000 sec
d1 0.00000000 sec
d2 0.00344828 sec
d12 0.00002000 sec
d13 0.00000000 sec
d16 0.00020000 sec
d20 0.0042228 sec
f1n0 0.0001656 sec

CHANNEL f1

NUC1 H
P1 7.38 usec
P2 14.75 usec
PL1 1.60 dB
SFO1 500.2225011 MHz

CHANNEL f2

CPDPRG2 zgpg30
NUC2 13C
P3 14.75 usec
PCPD2 65.00 usec
PL2 -1.00 dB
PL12 11.80 dB
SFO2 125.7942548 MHz

GRAB F1 CHANNEL

GPWAB sine.100
GPWAB sine.100
GPX1 0.00 %
GPX2 0.00 %
GPX3 0.00 %
GPY1 0.00 %
GPY2 0.00 %
GPY3 0.00 %
GPZ1 30.00 %
GPZ2 18.00 %
GPZ3 24.00 %
P16 1000.00 usec

F1 - Acquisition parameters

ND0 2
TE 300.2
SFO1 125.7943 MHz
FIDRES 117.924630 Hz
SIFW 239.985 ppm
F1MODE undefined

F2 - Processing parameters

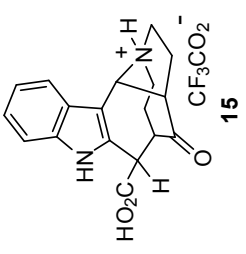
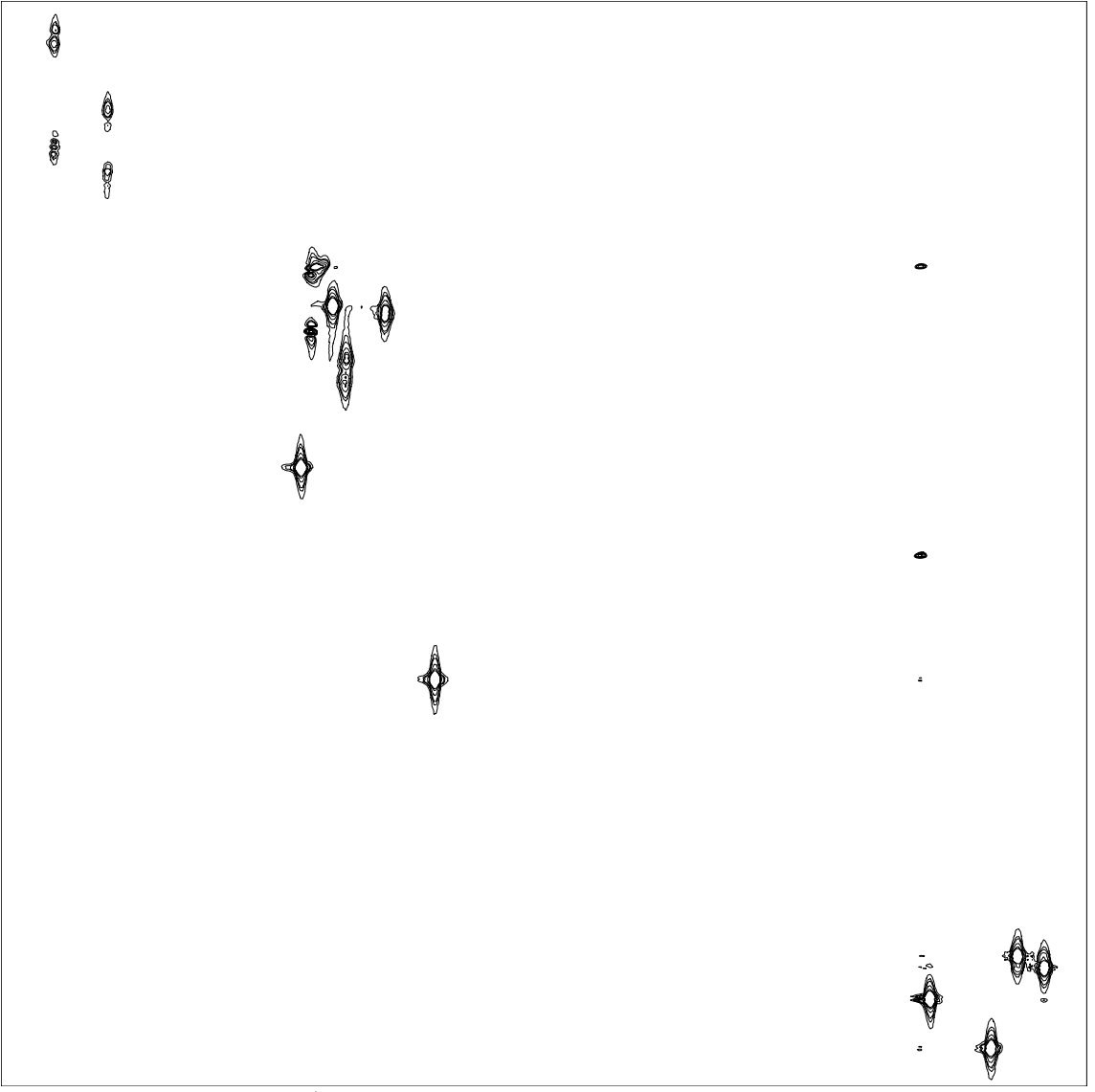
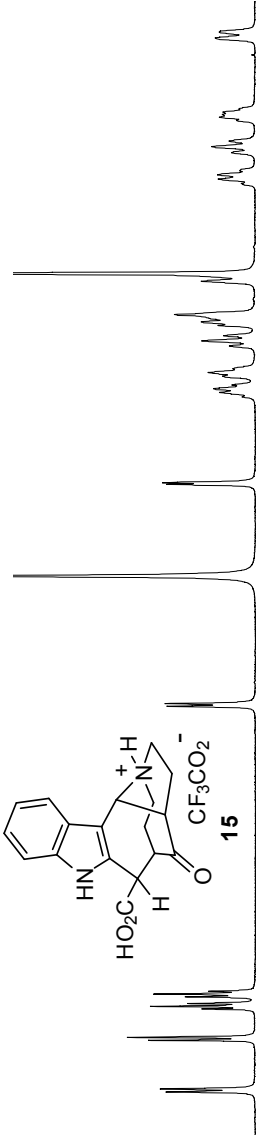
SF 1024
SIFW 500.2200932 MHz
AQ 1.00000000 sec
SFR 0
LB 5.00 Hz
GB 0
PC 2.00

F1 - Processing parameters

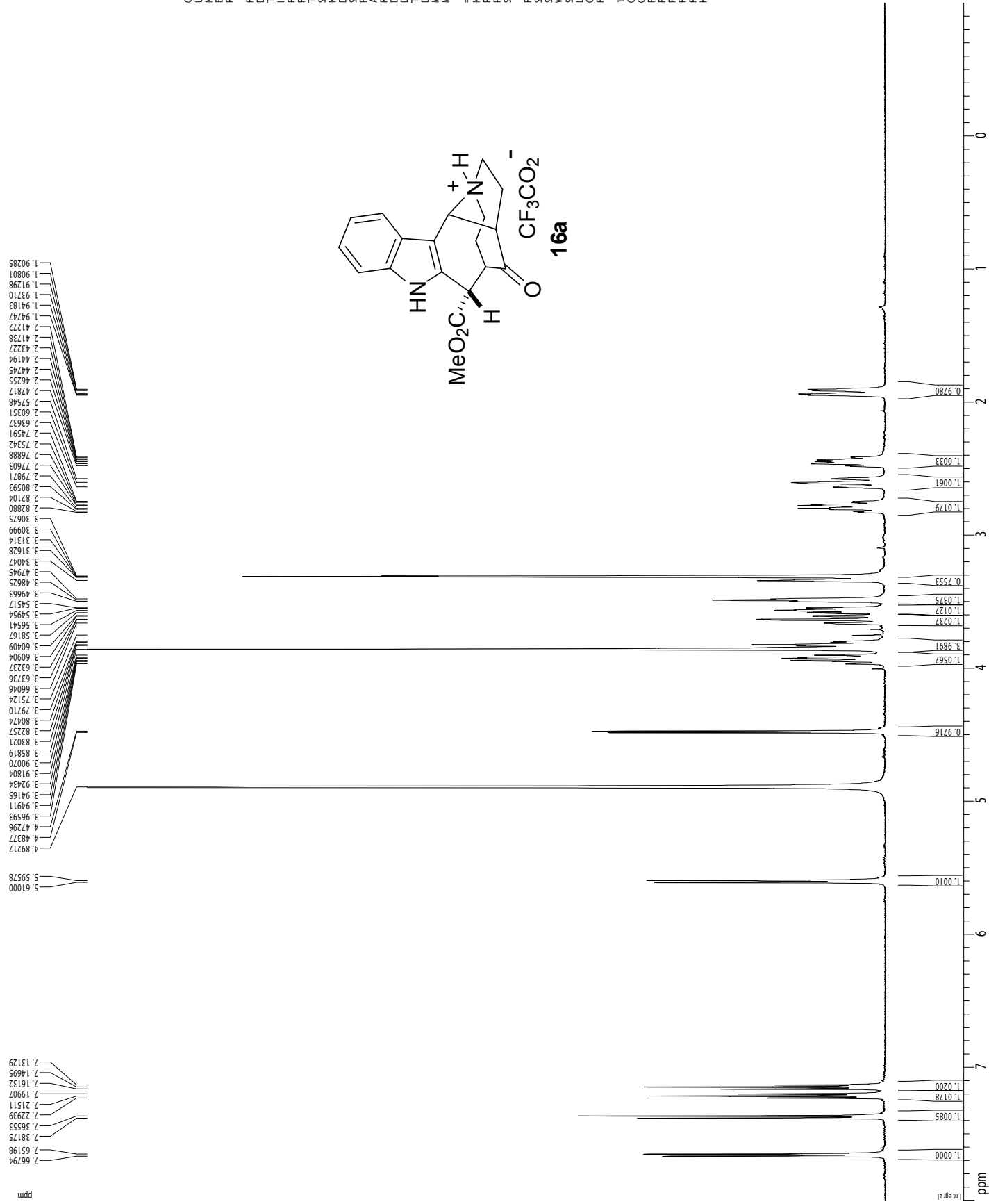
SF 1024
SIFW 125.7802729 MHz
AQ 1.00000000 sec
SFR 3
LB 0.00 Hz
GB 0

2D NMR plot parameters

CX2 15.00 cm
CY2 15.00 cm
F2P10 7.862 ppm
F2L10 3947.72 Hz
F2PH 1.863 ppm
F2H 931.86 Hz
F1P10 128.630 ppm
F1LO 16179.08 Hz
F1PH 16.339 ppm
F1H 20376.61 Hz
F1P10CM 128.630 ppm/cm
F2H2CM 7.862 ppm/cm
F1P10CM 7.48873 ppm/cm
F1H2CM 941.43079 Hz/cm



ghmrc



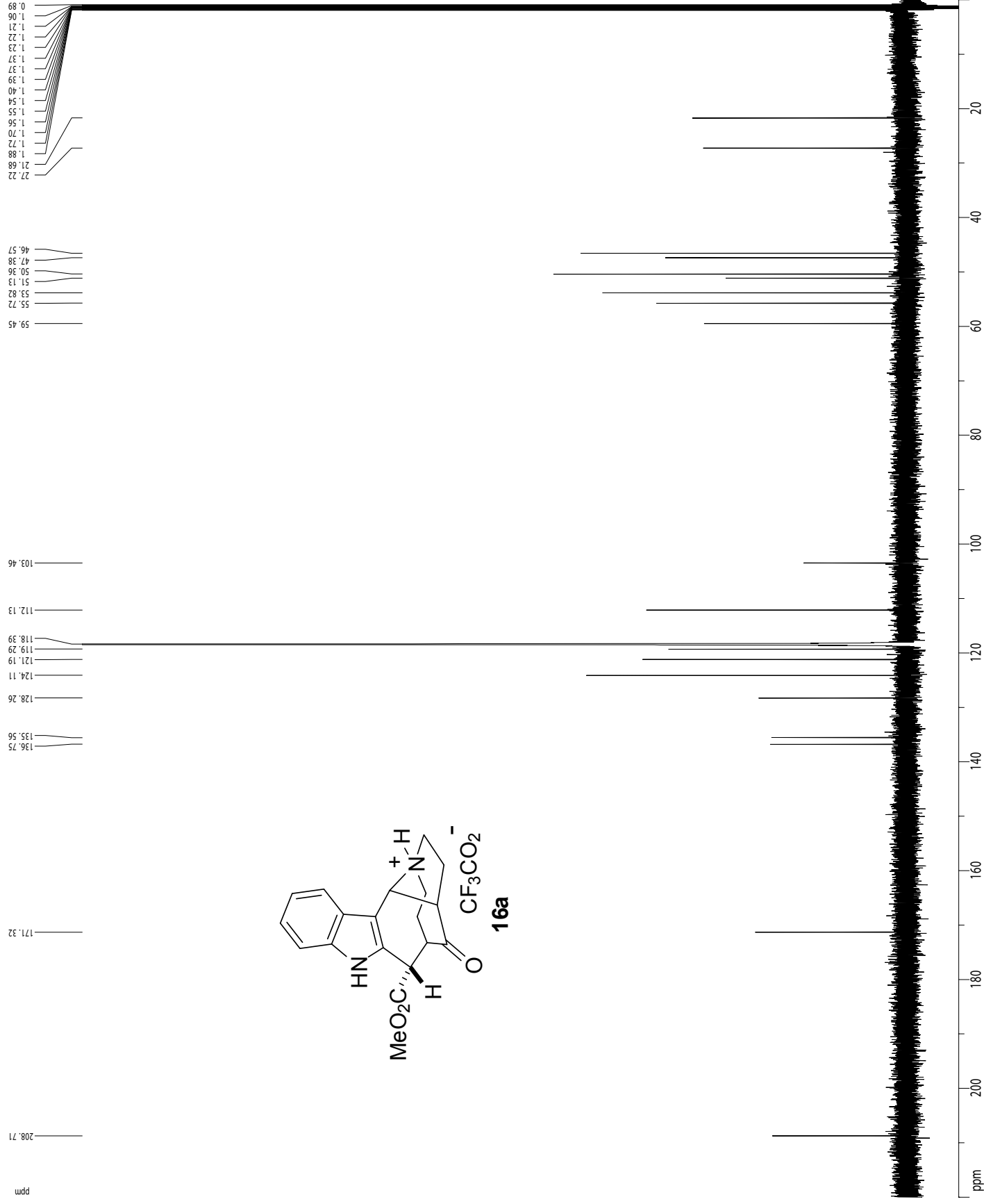
Current Data Parameters
 USER: conor
 NAME: CLM-2-2022char
 EXPNO: 2
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20080314
 Time: 15.02
 INSTRUM: cryosol00
 PROBHD: 5 mm CPTCI-1H
 PULPROG: zgpg30
 TD: 81738
 SOLVENT: CD3OD
 NS: 5
 DS: 2
 SWH: 8012.820 Hz
 FIDRES: 0.098043 Hz
 AQ: 5.0998774 sec
 RG: 10.1
 DW: 62.400 usec
 DE: 6.00 usec
 TE: 298.0 K
 D1: 0.1000000 sec
 DELTET: 0.0000000 sec
 ACQHRK: 0.01500000 sec

===== CHANNEL f1 =====
 NUC1: 1H
 P1: 7.38 usec
 PL1: 1.60 dB
 SFO1: 500.2235015 MHz

F2 - Processing parameters
 SI: 65536
 SF: 500.2200185 MHz
 WDW: no
 SSB: 0
 GB: 0.00 Hz
 PC: 4.00

ID NAME pl or parameter
 CX: 22.80 cm
 CY: 42.04 cm
 F1P: 8.000 ppm
 F1: 4001.76 Hz
 F2P: -1.000 ppm
 F2: -500.22 Hz
 PPRCM: 0.39474 ppm/cm
 HZCM: 197.45528 Hz/cm



Current Data Parameters
 USER conor
 NAME CLM-2-2022char
 EXPNO 7
 PROCNO 1

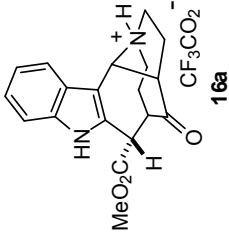
F2 - Acquisition Parameters
 Date_ 20080314
 Time 17.49
 INSTRUM cryo500
 PROBHD 5 mm CPTCL 1H
 PULPROG zgpg30
 TD 65418
 SOLVENT CDCl₃
 NS 458
 SWH 30903.031 Hz
 FIDRES 0.463232 Hz
 AQ 1.0754470 sec
 RG 5160.6
 DW 16.500 usec
 DE 6.00 usec
 TE 298.0 K
 d1 2.0000000 sec
 d11 0.0300000 sec
 ACQRES 0.0000000 sec
 MCORR 0.0150000 sec

===== CHANNEL f1 =====
 NUC1 ¹³C
 P1 14.75 usec
 PL1 -1.00 dB
 SFO1 125.7942546 MHz

===== CHANNEL f2 =====
 CDPORG waltz16
 NUC2 ¹H
 PCPD2 100.00 usec
 PL2 1.60 dB
 PL12 24.80 dB
 SFO2 500.2225011 MHz

F2 - Processing parameters
 SI 65536
 SF 125.7802902 MHz
 WDW no
 LB 0.00 Hz
 GB 0
 PC 2.00

1D NMR plot parameters
 CX 512.80 cm
 CY 194.08 cm
 F1P 220.000 ppm
 F1 27671.66 Hz
 F2P 0.000 ppm
 F2 0.00 Hz
 PPA1M 9.64912 ppm/cm
 HZCM 1213.66943 Hz/cm



ghmrqc



Current Data Parameters
S46

```

===== Acquisition Parameters =====
Date_      20080314
Time       18.15
INSTRUM    cryo500
PROBHD     5 mm CPTCI 1H
PULPROG    invwga.wu
TD         2048
SOLVENT    CDCl3
DS         16
SWH        3901.401 Hz
FIDRES     1.709668 Hz
AQ         0.2925044 sec
RG         11585.2
DW         142.800 usec
DE         6.50 usec
TE         300.2 K
===== Processing parameters =====
SI         1024
SF         500.260234 MHz
WDW        EM
SSB        0
LB         5.00 Hz
GB         0
PC         2.00

===== Acquisition parameters =====
NUC1       1H
P1         7.38 usec
P2         14.75 usec
PL1        1.60 dB
SFO1       500.2225011 MHz

===== CHANNEL f1 =====
CPDPRG2    zgpg30
NUC2       13C
P3         14.75 usec
PCPD2      65.00 usec
PL2        -1.00 dB
PL12       11.80 dB
SFO2       125.7942548 MHz

===== GRAB F1F2 CHANNEL =====
GPNMR      sine.100
GPNMR2     sine.100
GPNMR3     sine.100
GPA1        0.00 %
GPA2        0.00 %
GPA3        0.00 %
GPA4        0.00 %
GPA5        0.00 %
GPA6        0.00 %
GPA7        30.00 %
GPA8        18.00 %
GPA9        24.00 %
GPA10       1000.00 usec

===== Acquisition parameters =====
NUC1       13C
P1         7.38 usec
SFO1       125.7943 MHz
FIDRES     117.924630 Hz
SW         239.985 ppm
F1F2MODE   undefined

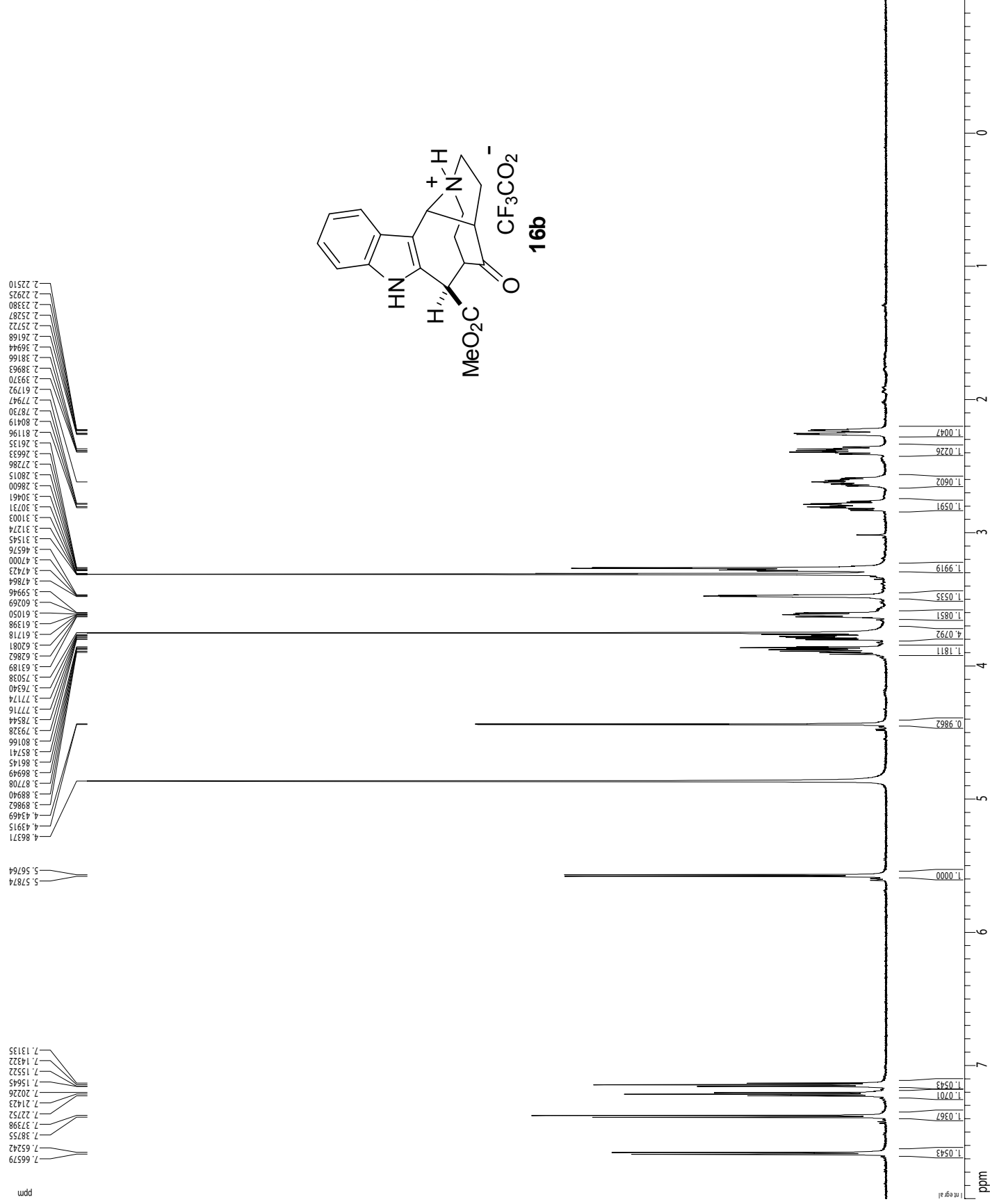
===== Processing parameters =====
SI         1024
SF         500.260234 MHz
WDW        EM
SSB        0
LB         5.00 Hz
GB         0
PC         2.00

===== Acquisition parameters =====
SI         1024
SF         125.7902902 MHz
WDW        EM
SSB        3
LB         0.00 Hz
GB         0

===== 2D NMR plot parameters =====
CX2        15.00 cm
CY2        15.00 cm
F2F1O      7.983 ppm
F2F1LO     3893.27 Hz
F2PH       1.679 ppm
F2H        839.80 Hz
F1F1LO     128.369 ppm
F1LO       16146.23 Hz
F1PH       19.145 ppm
F1H        208.03 Hz
F1F1F2CM   161.579 ppm/cm
F2H2CM     203.5685 Hz/cm
F1PH2CM    7.28159 ppm/cm
F1H2CM     915.88043 Hz/cm

```

¹H spectrum



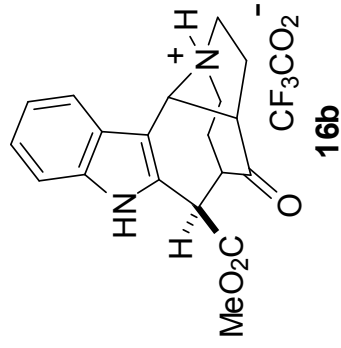
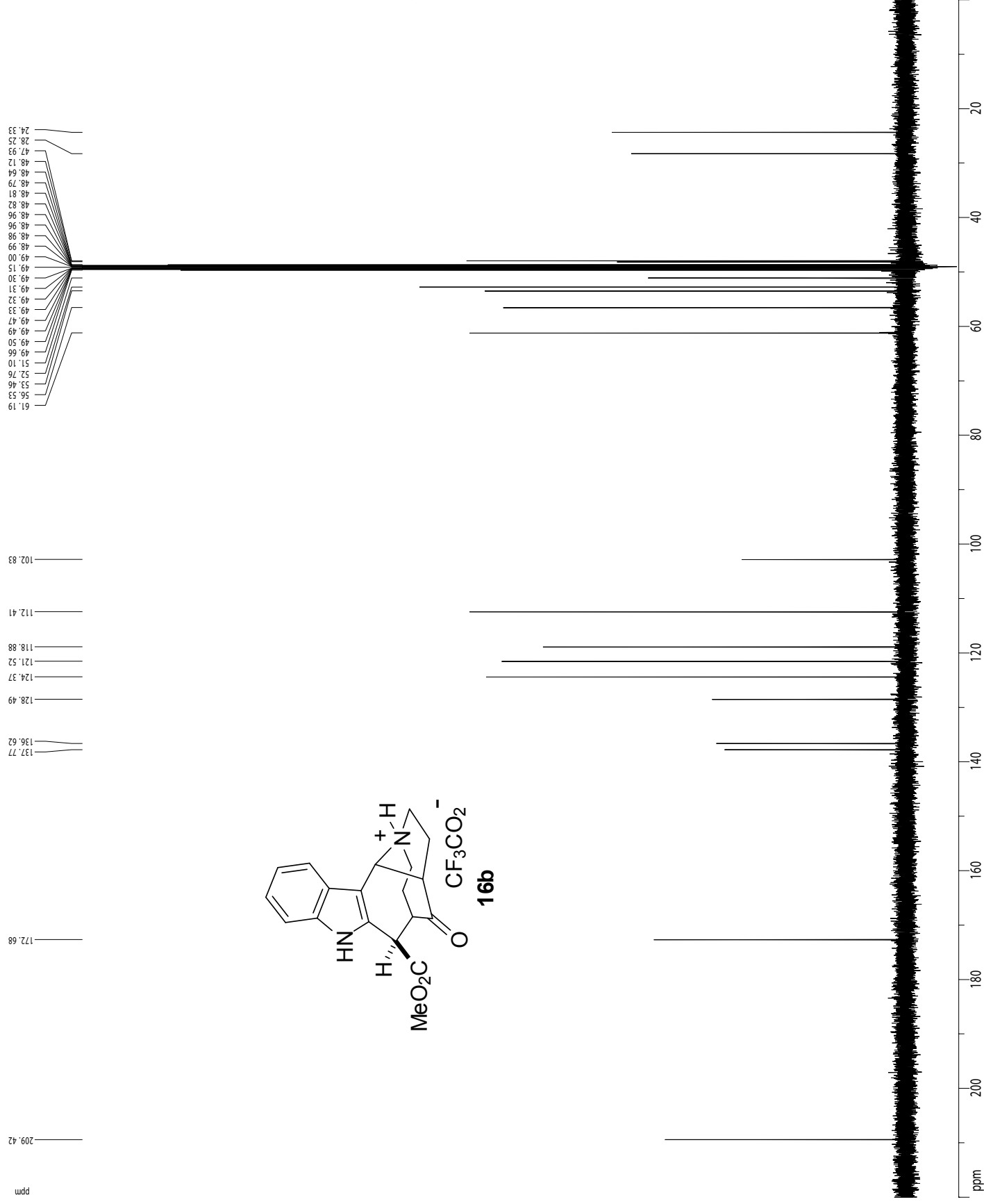
Current Data Parameters
 USER conor
 NAME CLM2-20D1
 EXPNO 130
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20080401
 Time 20.25
 INSTRUM av600
 PROBHD 5 mm BBO BB-1H
 PULPROG zg30
 ID 97938
 SOLVENT CDCl3
 NS 9
 DS 2
 SWH 9615.385 Hz
 FIDRES 0.098178 Hz
 AQ 5.0928259 sec
 RG 322
 DW 52.000 usec
 DE 6.00 usec
 TE 298.0 K
 D1 0.10000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 -5.30 dB
 SFO1 600.1342009 MHz

F2 - Processing parameters
 F2 635.86 MHz
 SF 600.1300191 MHz
 WDW tu
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 22.80 cm
 CY 57.80 cm
 FIP 8.000 ppm
 F1 4801.04 Hz
 F2 -1.000 ppm
 FZ -600.13 Hz
 PPKCM 0.39474 ppm/cm
 HZCM 236.89343 Hz/cm



Current Data Parameters
 USER conor
 NAME CLM2-20DI
 EXPNO 36
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20080402
 Time 12.38
 INSTRUM cryo500
 PROBHD 5 mmCPTCI 1H
 PULPROG zgpg30
 TD 65418
 SOLVENT CDCl₃
 NS 224
 DS 4
 SWH 30903.031 Hz
 FIDRES 0.463222 Hz
 AQ 1.0754470 sec
 RG 10321.3
 DW 16.500 usec
 DE 6.00 usec
 TE 298.0 K
 d1 0.2500000 sec
 d11 0.0300000 sec
 d12 0.0000000 sec
 ACQRES 0.0150000 sec

===== CHANNEL f1 =====
 NUC1 ¹³C
 P1 14.75 usec
 PL1 -1.00 dB
 SFO1 125.7942546 MHz

===== CHANNEL f2 =====
 CDPORG waltz16
 NUC2 ¹H
 PCPD2 100.00 usec
 PL2 1.60 dB
 PL12 24.80 dB
 SFO2 500.2225011 MHz

F2 - Processing parameters
 SI 65536
 SF 125.7802288 MHz
 WDW no
 LB 0.00 Hz
 GB 0
 PC 2.00

ID.NMR plot parameters
 CV 257.80 cm
 CY 98.38 cm
 F1P 220.000 ppm
 F1 27671.65 Hz
 F2P 0.000 ppm
 F2 0.00 Hz
 PPA1M 9.64912 ppm/cm
 HZCM 1213.66882 Hz/cm

USER comor
NAME CLM 2-2001
EXPNO 133
PROCNO 1

F2 - Acquisition Parameters

Date_ 20080401
Time 23.54
INSTRUM av600
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 2
DS 16
SWH 3597.122 Hz
FIDRES 4.650813 Hz
AQ 0.1234620 sec
RG 2050
DW 139.000 usec
DE 6.00 usec
TE 298.0 K
145.0000000
d0 0.00000300 sec
d1 1.10000002 sec
d2 0.00344628 sec
d3 0.00002000 sec
d4 0.00000400 sec
d5 0.00000000 sec
DELTA1 0.0022428 sec
170 0.00001380 sec

CHANNEL f1

NUC1 1H
P1 9.00 usec
PL1 18.00 dB
SFO1 600.1330006 MHz

CHANNEL f2

CPDPRG2 garp
NUC2 13C
P3 7.60 usec
PL2 0.00 dB
PL3 19.28 dB
SFO2 150.9194685 MHz

GRAB F1 CHANNEL

GNAM1 SINE 100
GNAM2 SINE 100
GNAM3 SINE 100
GZ1 50.00 %
GZ2 30.00 %
GZ3 40.10 %
PT6 1000.00 usec

F1 - Acquisition parameters

NU0 2
TD 256
SFO1 150.9194 MHz
FIDRES 141.330792 Hz
SW 240.074 ppm
FHM0DE 0

F2 - Processing parameters

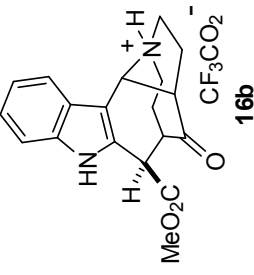
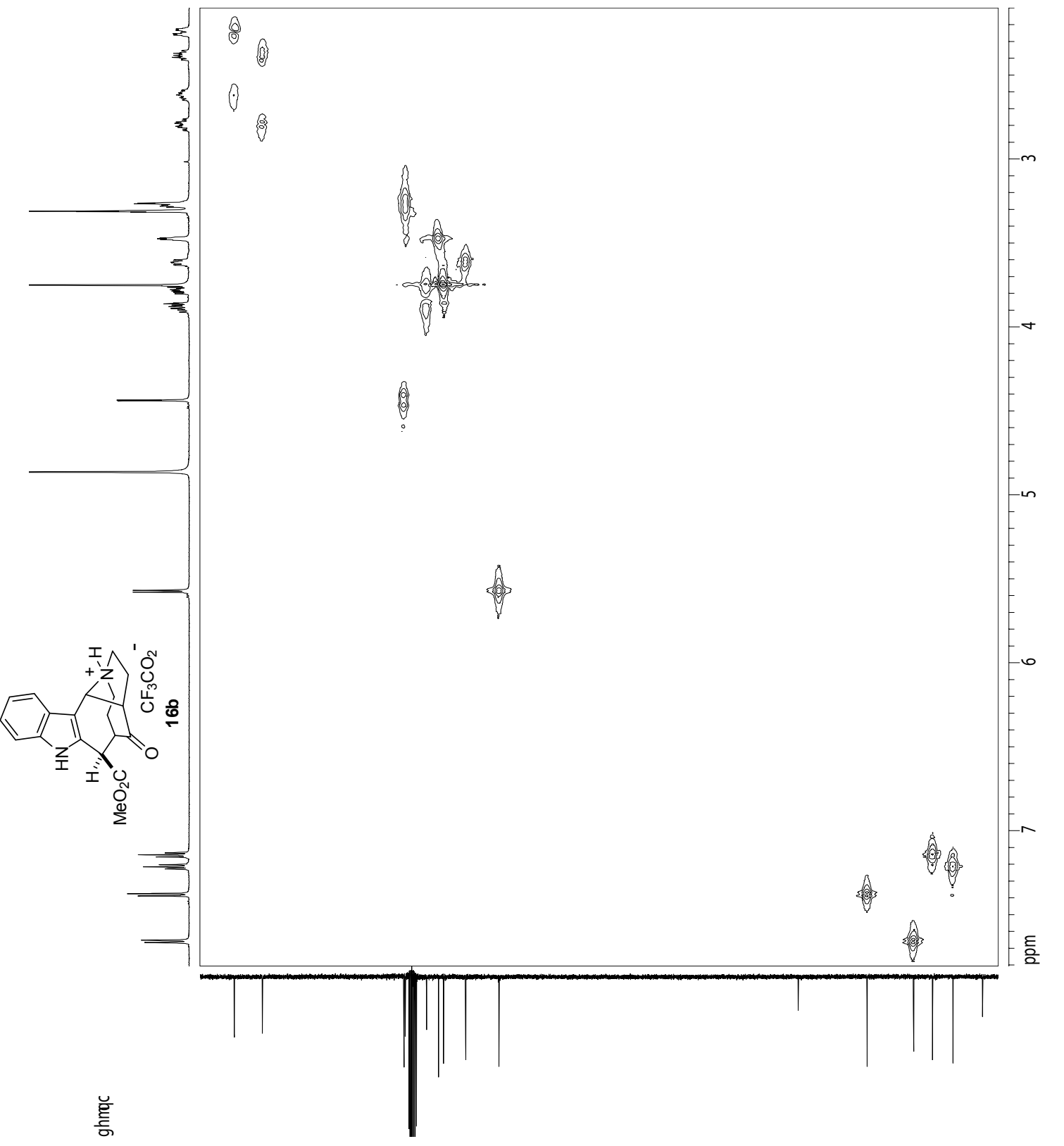
SI 600.1300191 MHz
WDW EM
SSB 0
LB 5.00 Hz
GB 0
PC 1.40

F1 - Processing parameters

SI 1024
MC2 0
SF 150.9025840 MHz
WDW COSINE
SSB 3
LB 0.00 Hz
GB 0

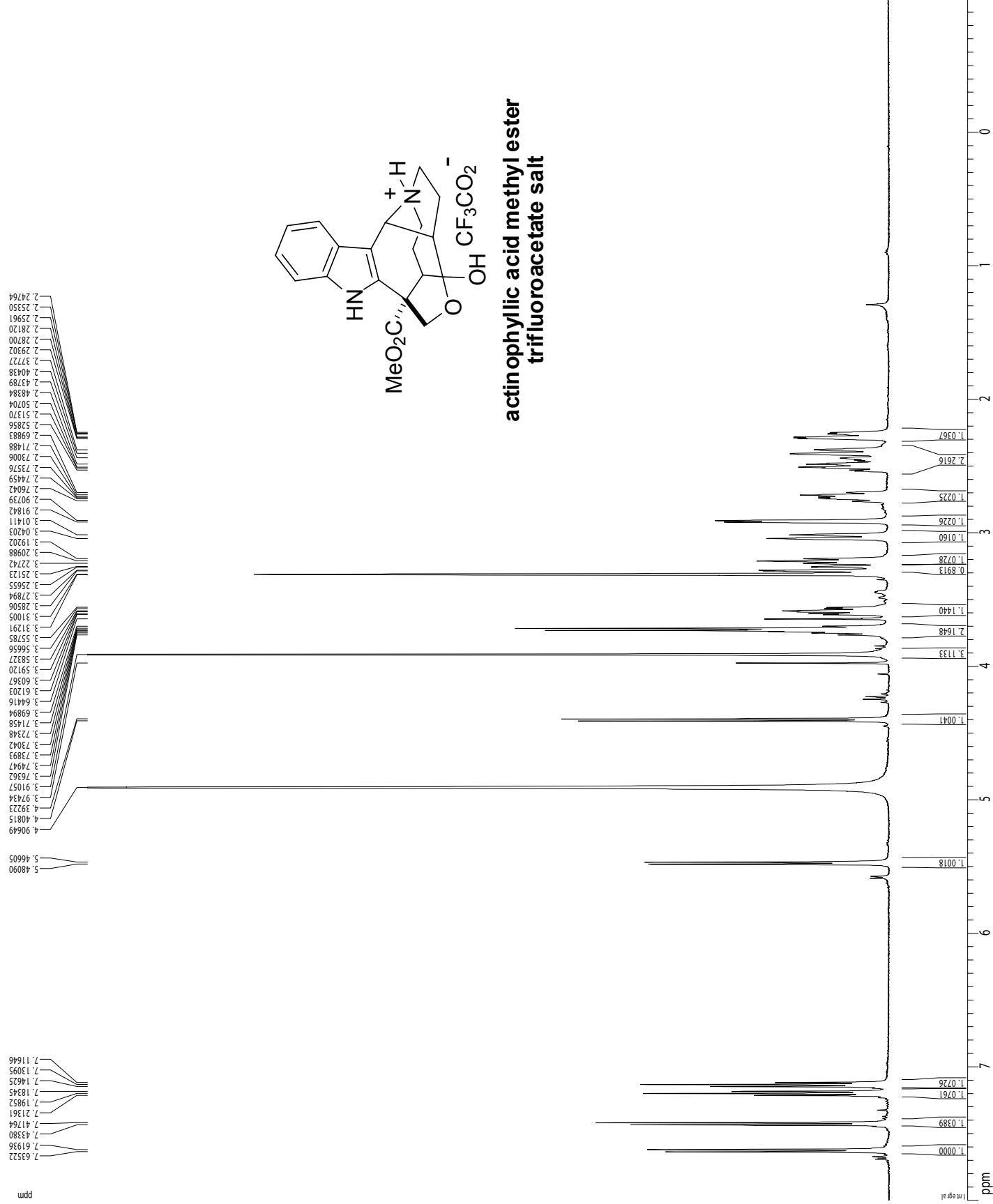
2D NMR plot parameters

CX2 18.00 cm
CY1 15.00 cm
F2PLO 7.807 ppm
F2LO 4665.25 Hz
F2PHI 2.100 ppm
F2H 1260.25 Hz
F1PLO 130.718 ppm
F1LO 19725.69 Hz
F1PHI 19.577 ppm
F1H 2954.29 Hz
F2PPMCM 0.31706 ppm/cm
F2HZCM 190.27747 Hz/cm
F1PPMCM 7.40937 ppm/cm
F1HZCM 1118.09338 Hz/cm



ghraq

¹H spectrum

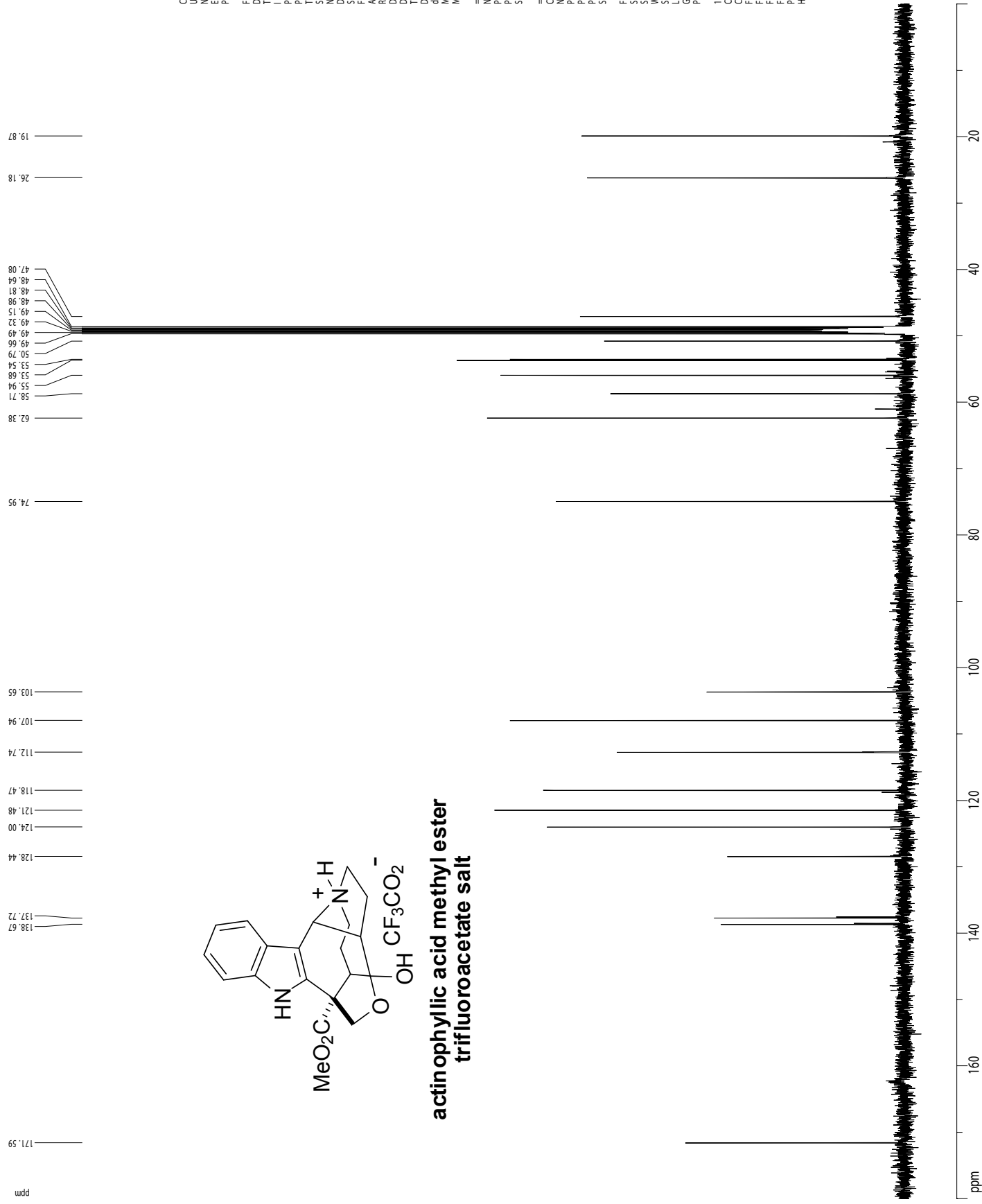


Current Data Parameters
 USER: conor
 NAME: CLM 2-65A
 EXPNO: 2
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20080408
 Time: 21.33
 INSTRUM: cryo500
 PROBRD: 5 mm CPTCI-1H
 PULPROG: zgpg30
 TD: 81728
 SOLVENT: CD3OD
 NS: 8
 DS: 2
 SWH: 8012.820 Hz
 FIDRES: 0.098043 Hz
 AQ: 5.0998774 sec
 RG: 9
 DW: 62.400 usec
 DE: 6.00 usec
 TE: 298.0 K
 D1: 0.1000000 sec
 ACQRES: 0.0000000 sec
 ICORR: 0.01500000 sec
 ===== CHANNEL f1 =====
 NUC1: ¹H
 P1: 7.38 usec
 PL1: 1.60 dB
 SFO1: 500.2235015 MHz

F2 - Processing parameters
 SI: 65536
 SF: 500.2200178 MHz
 WDW: no
 SSB: 0
 GB: 0.00 Hz
 PC: 4.00

ID NAME pl or parameter
 CX: 22.80 cm
 CY: 36.39 cm
 F1P: 8.000 ppm
 F1: 4001.76 Hz
 F2P: -1.000 ppm
 F2: -500.22 Hz
 PPRCM: 0.39474 ppm/cm
 HZCM: 197.45528 Hz/cm



```

Current Data Parameters
USER      connor
NAME      CLM 2-65A
EXPNO     7
PROCNO    1

F2 - Acquisition Parameters
Date_     20080408
Time      21.34
INSTRUM   cryo500
PROBHD    5 mmCPTCL 1H
PULPROG   zgpg30
TD         65418
SOLVENT    CD3OD
NS         110
DS         4
SWH        30903.031 Hz
FIDRES     0.463232 Hz
AQ         1.07544470 sec
RG         10321.3
DW         16.500 usec
DE         6.00 usec
TE         298.0 K
d1         2.0000000 sec
d11        0.0300000 sec
ACQRES    0.0000000 sec
AQBRK     0.01500000 sec

===== CHANNEL f1 =====
NUC1       13C
P1         14.75 usec
PL1        -1.00 dB
SFO1       125.7942546 MHz

===== CHANNEL f2 =====
COPPRG2   waltz16
NUC2       1H
PCPD2     100.00 usec
PL2        1.60 dB
PL12       24.80 dB
SFO2       500.2225011 MHz

F2 - Processing parameters
SI         65536
SF         125.7802288 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         2.00

ID_NMR     plot parameters
CV         252.80 cm
CY         139.25 cm
EIIP       180.000 ppm
F1P        22640.44 Hz
F2P        0.000 ppm
F2         0.00 Hz
PP4CM      7.89474 ppm/cm
HZCM       993.00183 Hz/cm
    
```

F2 - Acquisition Parameters

Date_ 20080408
 Time 21.49
 INSTRUM cryo500
 PROBHD 5 mm CPTCI TH
 PULPROG invwga.wu
 ID 2048
 ACQMENT CDDO
 DS 16
 SWH 3004.808 Hz
 FIDRES 1.467191 Hz
 AQ 0.3408372 sec
 RG 11586.2
 DW 166.400 usec
 DE 6.50 usec
 TE 300.2 K
 CHSTZ
 d0 145.0000000 sec
 d1 0.0000000 sec
 d2 0.00344628 sec
 d13 0.00002000 sec
 d14 0.00003000 sec
 d16 0.00020000 sec
 d20 0.0042228 sec
 INU 0.0001800 sec

CHANNEL f1

NUC1 H
 P1 7.38 usec
 P2 14.75 usec
 PL1 1.60 dB
 SFO1 500.2225011 MHz

CHANNEL f2

CPDPRG2 JRC
 NUC2 13C
 P3 14.75 usec
 PCPD2 65.00 usec
 PL2 -1.00 dB
 PL12 11.80 dB
 SFO2 125.7996259 MHz

GRAB F1 CHANNEL

GPWAW sine.100
 GPWAB sine.100
 GPV1 0.00 %
 GPV2 0.00 %
 GPV3 0.00 %
 GPV4 0.00 %
 GPV5 0.00 %
 GPV6 0.00 %
 GPV7 0.00 %
 GPV8 0.00 %
 GPV9 0.00 %
 GPV10 0.00 %
 GPV11 0.00 %
 GPV12 0.00 %
 GPV13 0.00 %
 GPV14 0.00 %
 GPV15 0.00 %
 GPV16 0.00 %
 GPV17 0.00 %
 GPV18 0.00 %
 GPV19 0.00 %
 GPV20 0.00 %
 GPV21 0.00 %
 GPV22 0.00 %
 GPV23 0.00 %
 GPV24 0.00 %
 GPV25 0.00 %
 GPV26 0.00 %
 GPV27 0.00 %
 GPV28 0.00 %
 GPV29 0.00 %
 GPV30 0.00 %
 GPV31 0.00 %
 GPV32 0.00 %
 GPV33 0.00 %
 GPV34 0.00 %
 GPV35 0.00 %
 GPV36 0.00 %
 GPV37 0.00 %
 GPV38 0.00 %
 GPV39 0.00 %
 GPV40 0.00 %
 GPV41 0.00 %
 GPV42 0.00 %
 GPV43 0.00 %
 GPV44 0.00 %
 GPV45 0.00 %
 GPV46 0.00 %
 GPV47 0.00 %
 GPV48 0.00 %
 GPV49 0.00 %
 GPV50 0.00 %
 GPV51 0.00 %
 GPV52 0.00 %
 GPV53 0.00 %
 GPV54 0.00 %
 GPV55 0.00 %
 GPV56 0.00 %
 GPV57 0.00 %
 GPV58 0.00 %
 GPV59 0.00 %
 GPV60 0.00 %
 GPV61 0.00 %
 GPV62 0.00 %
 GPV63 0.00 %
 GPV64 0.00 %
 GPV65 0.00 %
 GPV66 0.00 %
 GPV67 0.00 %
 GPV68 0.00 %
 GPV69 0.00 %
 GPV70 0.00 %
 GPV71 0.00 %
 GPV72 0.00 %
 GPV73 0.00 %
 GPV74 0.00 %
 GPV75 0.00 %
 GPV76 0.00 %
 GPV77 0.00 %
 GPV78 0.00 %
 GPV79 0.00 %
 GPV80 0.00 %
 GPV81 0.00 %
 GPV82 0.00 %
 GPV83 0.00 %
 GPV84 0.00 %
 GPV85 0.00 %
 GPV86 0.00 %
 GPV87 0.00 %
 GPV88 0.00 %
 GPV89 0.00 %
 GPV90 0.00 %
 GPV91 0.00 %
 GPV92 0.00 %
 GPV93 0.00 %
 GPV94 0.00 %
 GPV95 0.00 %
 GPV96 0.00 %
 GPV97 0.00 %
 GPV98 0.00 %
 GPV99 0.00 %
 GPV100 0.00 %

F1 - Acquisition parameters

NUC1 H
 P1 7.38 usec
 P2 14.75 usec
 PL1 1.60 dB
 SFO1 500.2225011 MHz

F2 - Processing parameters

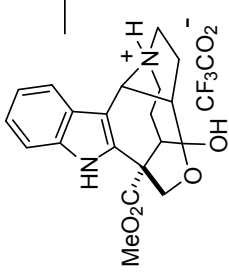
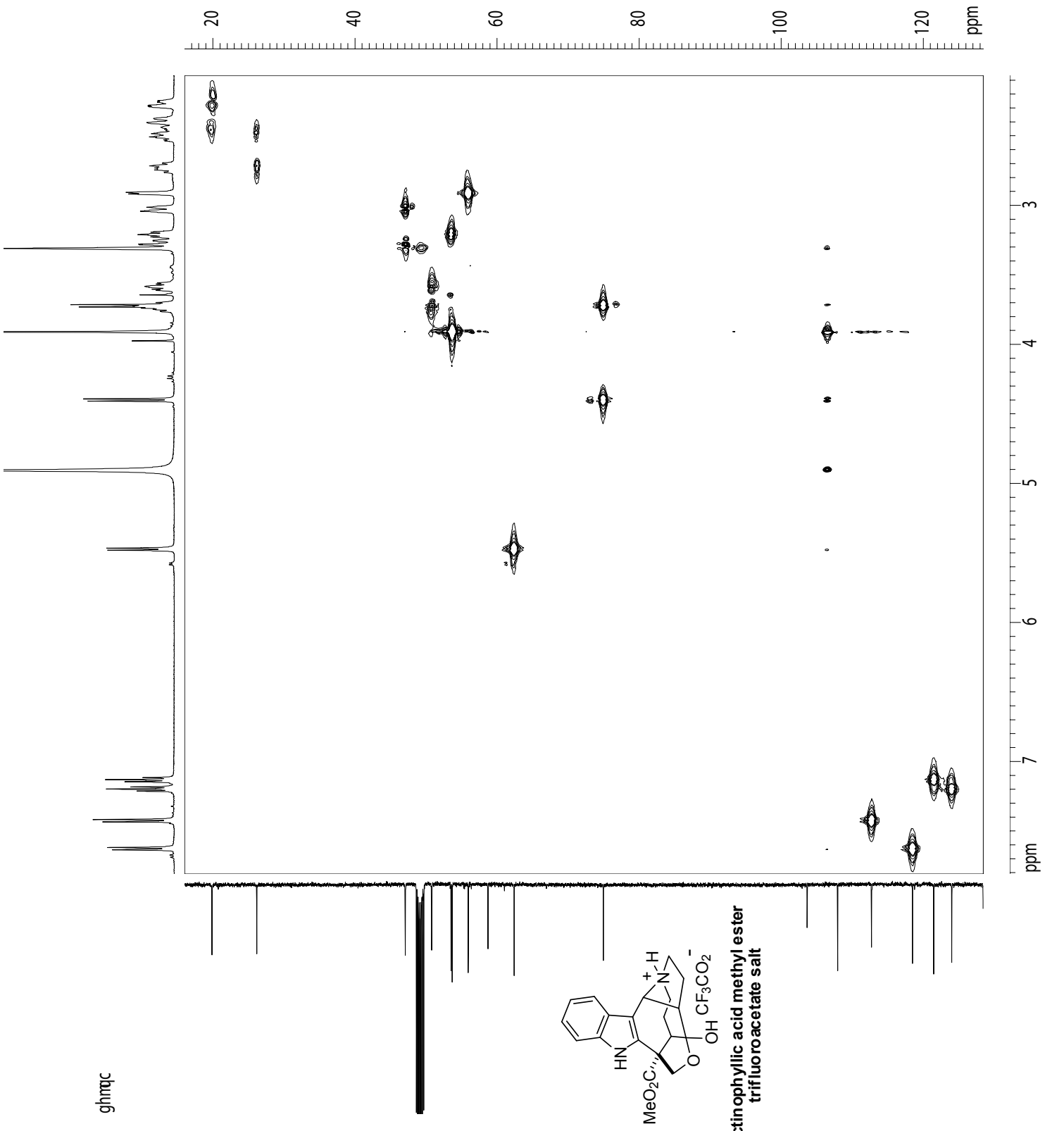
SF 1024
 WDW 500.2200778 MHz
 SSB 0
 LB 5.00 Hz
 GB 0
 PC 1.40

F1 - Processing parameters

SF 1024
 WDW 125.7902368 MHz
 SSB 3
 LB 5.00 Hz
 GB 0

2D NMR plot parameters

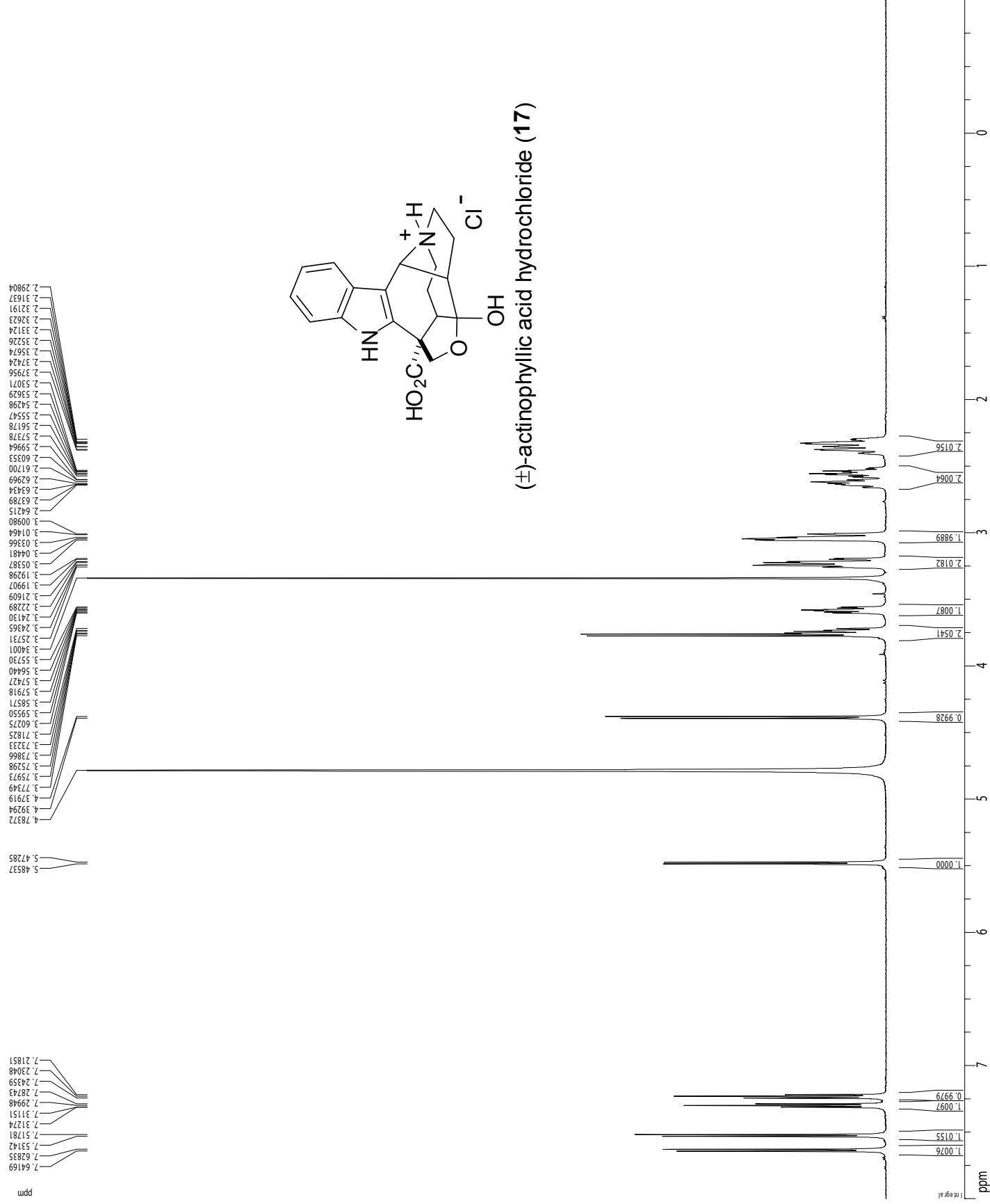
CXZ 15.00 cm
 CZ 15.00 cm
 F2P10 7.809 ppm
 F2P11 3906.47 Hz
 F2PH 2.1067 ppm
 F2H 1033.71 Hz
 F1P10 128.434 ppm
 F1LO 16154.48 Hz
 F1PH 16.030 ppm
 F1P11 2016.29 Hz
 F1P12 16154.48 Hz
 F1P13 191.51736 Hz
 F1P14 7.49960 ppm/cm
 F1HZCM 942.54614 Hz/cm



actinophyllic acid methyl ester trifluoroacetate salt

ghmrc

1H spectrum



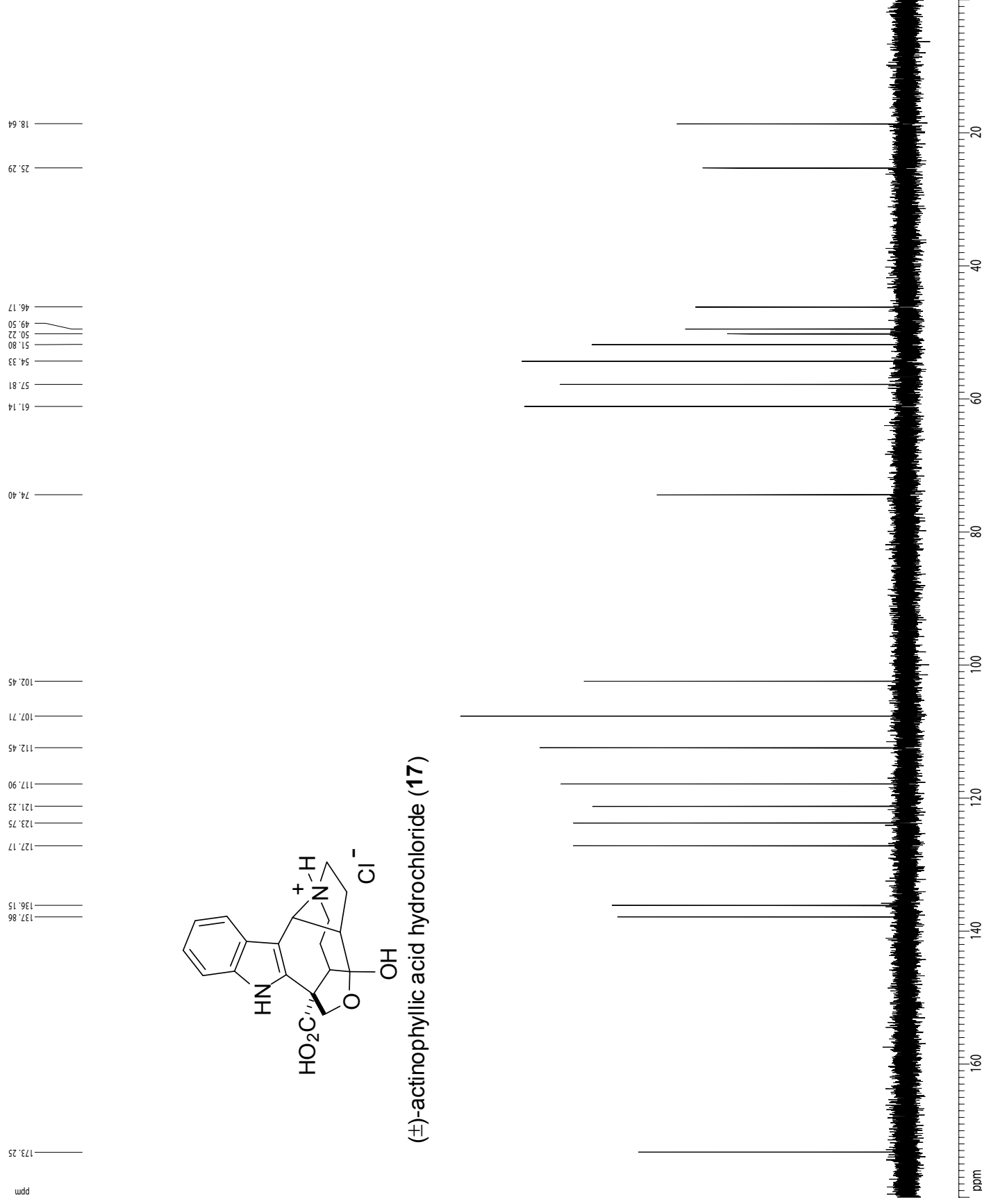
Current Data Parameters
 USER conor
 NAME CLM-2-22E-D20
 EXPNO 15
 PRCCNO 1

F2 - Acquisition Parameters
 Date_ 20080209
 Time 11.39
 INSTRUM av600
 PROBHD 5 mmTBI 1H/13
 PULPROG zg30
 ID 97938
 SOLVENT D2O
 NS 9
 DS 5
 SWH 9615.385 Hz
 FIDRES 0.038178 Hz
 AQ 5.0928259 sec
 RG 144
 DW 52.000 usec
 DE 6.00 usec
 TE 298.0 K
 DT 0.1000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 8.00 usec
 PL1 -1.00 dB
 SFO1 600.1342009 MHz

F2 - Processing parameters
 SI 65536
 SF 600.1300151 MHz
 WDW tu
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 22.80 cm
 CY 42.42 cm
 FIP 8.000 ppm
 F1 4801.04 Hz
 F2 -1.000 ppm
 FZ -600.13 Hz
 PPKCM 0.39474 ppm/cm
 HZCM 236.89343 Hz/cm



```

Current Data Parameters
USER      connor
NAME      CLM2-22E-D2O
EXPNO     3
PROCNO    1

F2 - Acquisition Parameters
Date_     20080209
Time      11.07
INSTRUM   cryo500
PROBHD    5 mmCPTCL 1H
PULPROG   zgpg30
TD         65418
SOLVENT   D2O
NS         220
DS         4
SWH        30903.031 Hz
FIDRES     0.463222 Hz
AQ          1.0754470 sec
RG          18390.4
DE          16.500 usec
TE          298.0 K
D1          0.2500000 sec
d11         0.0300000 sec
ACQREST    0.0000000 sec
MCURBK     0.0150000 sec

===== CHANNEL f1 =====
NUC1        13C
P1          14.75 usec
PL1         -1.00 dB
SFO1        125.7942548 MHz

===== CHANNEL f2 =====
COPPRG2    waltz16
NUC2         1H
PCPD2       100.00 usec
PL2         1.60 dB
PL12        24.80 dB
SFO2        500.2225011 MHz

F2 - Processing parameters
SI          65536
SF          125.7803448 MHz
WDW         no
SSB         0
LB          0.00 Hz
GB          0
PC          2.00

ID: NMR plot parameters
CV          22.80 cm
CY          9.80 cm
EI          180.000 ppm
F1          22640.46 Hz
F2          0.000 ppm
F3          0.00 Hz
PP4CM       7.89474 ppm/cm
HZCM        993.00275 Hz/cm
    
```

F2 - Acquisition Parameters

Date_ 20080209
 Time 11.17
 INSTRUM cryo500
 PROBHD 5 mm CPTCI 1H
 PULPROG invgpgw
 TD 2048
 ACQMENT D20
 DS 16
 SVH 3004.808 Hz
 FIDRES 1.467191 Hz
 AQ 0.3408372 sec
 RG 18390.4
 DW 166.400 usec
 DE 6.50 usec
 TE 300.2 K
 CHSTZ
 d0 145.0000000 sec
 d1 0.0000000 sec
 d2 0.00344628 sec
 d12 0.0002000 sec
 d13 0.0000300 sec
 d16 0.0002000 sec
 d20 0.0042238 sec
 INU 0.0001729 sec

CHANNEL f1

NUC1 H
 P1 7.38 usec
 P2 14.75 usec
 PL1 1.60 dB
 SFO1 500.2225011 MHz

CHANNEL f2

CPDPRG2 JRC
 NUC2 13C
 P3 14.75 usec
 PCPD2 65.00 usec
 PL2 -1.00 dB
 PL12 11.80 dB
 SFO2 125.7942548 MHz

GRAB F1 CHANNEL

GPVMB sine.100
 GPVMB sine.100
 GPVX1 0.00 %
 GPVX2 0.00 %
 GPVX3 0.00 %
 GPV1 0.00 %
 GPV2 0.00 %
 GPV3 0.00 %
 GPV4 30.00 %
 GPV5 18.00 %
 GPV6 24.00 %
 P16 1000.00 usec

F1 - Acquisition parameters

NUC1 13C
 SFO1 125.7942 MHz
 FIDRES 56.489817 Hz
 SIW 229.920 ppm
 F1MODE undefined

F2 - Processing parameters

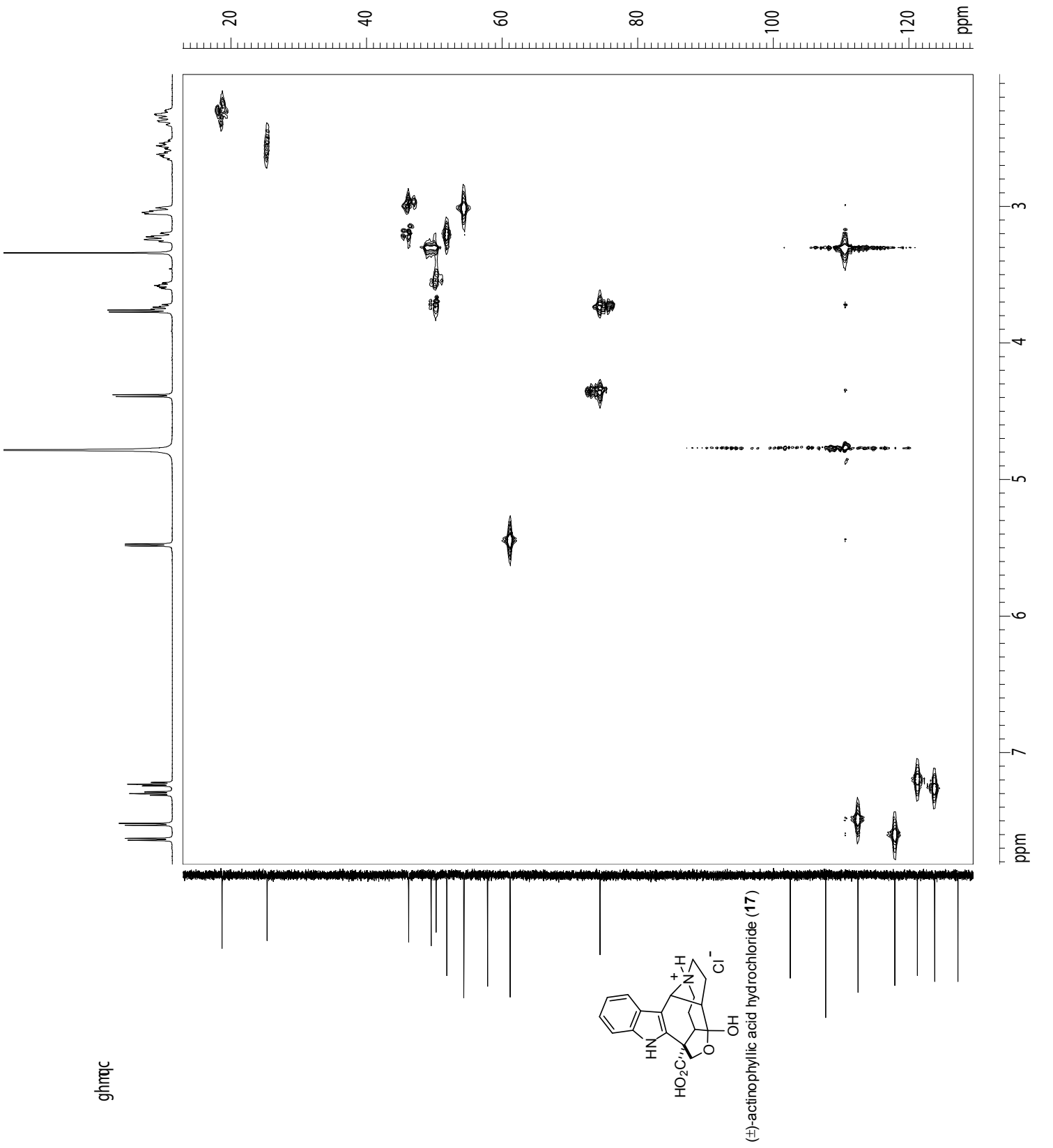
SF 1024
 SIW 500.2200131 MHz
 SSB 0
 LB 5.00 Hz
 GB 0
 PC 2.00

F1 - Processing parameters

SF 1024
 SIW 125.7902048 MHz
 SSB 3
 LB 0.00 Hz
 GB 0

2D MR plot parameters

CXZ 15.00 cm
 CYZ 15.00 cm
 F2P10 7.819 ppm
 F2P11 3911.13 Hz
 F2PH 2.035 ppm
 F2H 1017.82 Hz
 F1P10 129.453 ppm
 F1LO 16382.64 Hz
 F1PH 12.908 ppm
 F1PC 10238.61 Hz
 F1PCMC 10238.61 ppm/cm
 F1HZCM 102.3862 Hz/cm
 F1PPCM 7.76965 ppm/cm
 F1HZCM 977.26862 Hz/cm



ghmrc

(+)-actinophyllin acid hydrochloride (17)

Current Data Parameters
 USER Comor
 NAME CLM 2-ZE-D2O
 EXPNO 16
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20080209
 Time 11.42
 INSTRUM av600
 PROBHD 5 mm TBI 1H/13
 PULPROG cosygaf
 TD 1912
 SOLVENT D2O
 NS 1
 DS 16
 SWH 3597.122 Hz
 FIDRES 1.881340 Hz
 AQ 0.2658180 sec
 RG 114
 DW 139.000 usec
 DE 6.00 usec
 TE 298.0 K
 d0 0.0000300 sec
 d1 1.48689198 sec
 d13 0.0000400 sec
 d16 0.0002000 sec
 INO 0.0002770 sec

==== CHANNEL f1 =====
 NUC1 1H
 P1 8.00 usec
 PL1 8.00 usec
 PL2 -1.00 db
 SFO1 600.1330006 MHz

==== GRADIENT CHANNEL =====
 GPNAM1 SINE.100
 GPNAM2 SINE.100
 GPZ1 10.00 %
 GPZ2 10.00 %
 P16 1000.00 usec

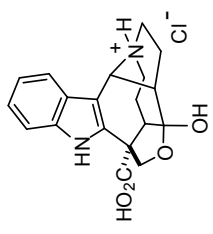
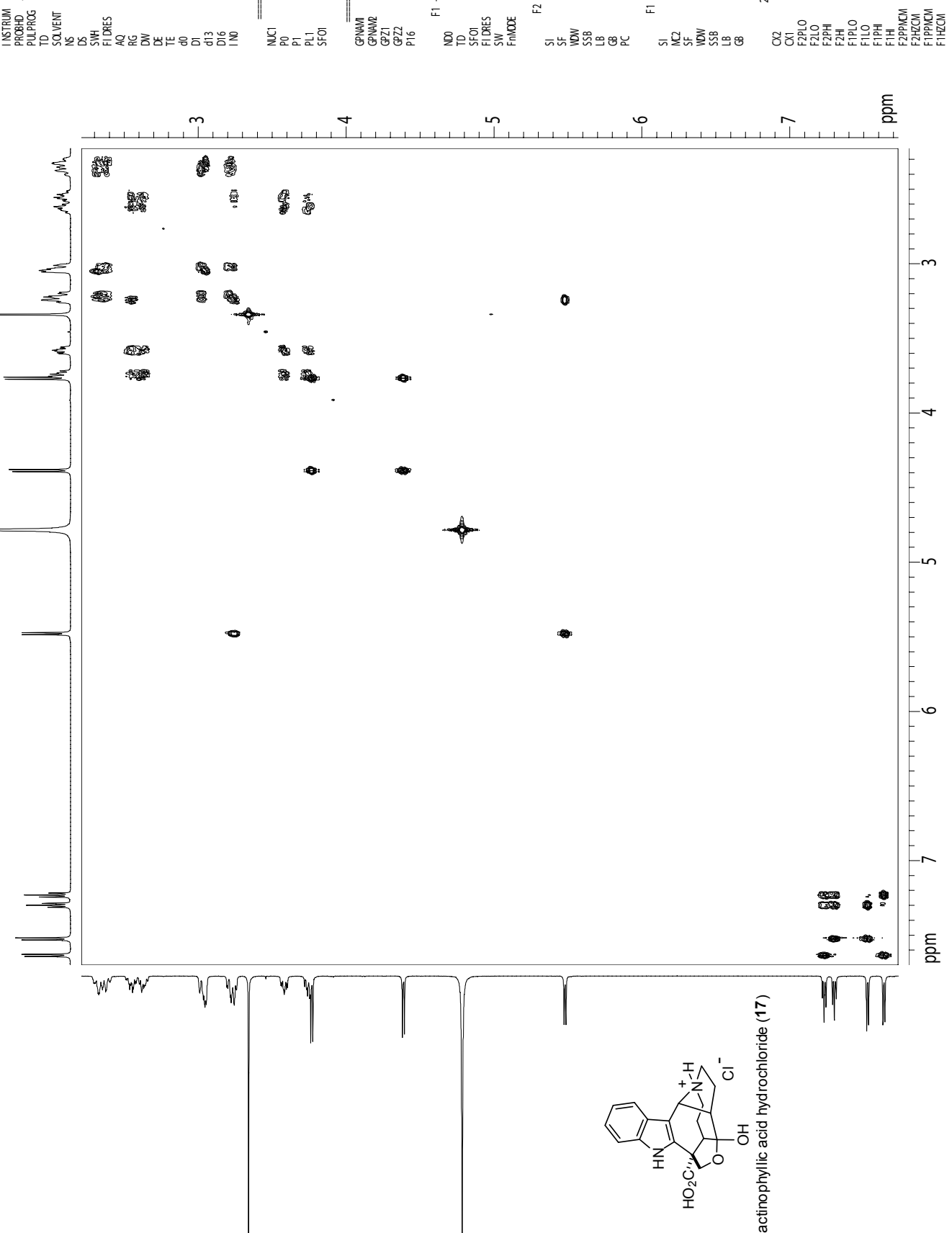
F1 - Acquisition parameters
 ND0 256
 TD 600.133 MHz
 SFO1 14.066439 Hz
 SW 6.000 ppm
 FMODE CF

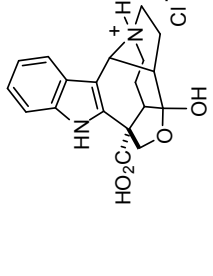
F2 - Processing parameters
 SI 1024
 SF 600.1300131 MHz
 SINE
 VDW 0
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00

F1 - Processing parameters
 SI 1024
 SF 600.1300131 MHz
 SINE
 VDW 0
 SSB 0
 LB 0.00 Hz
 GB 0

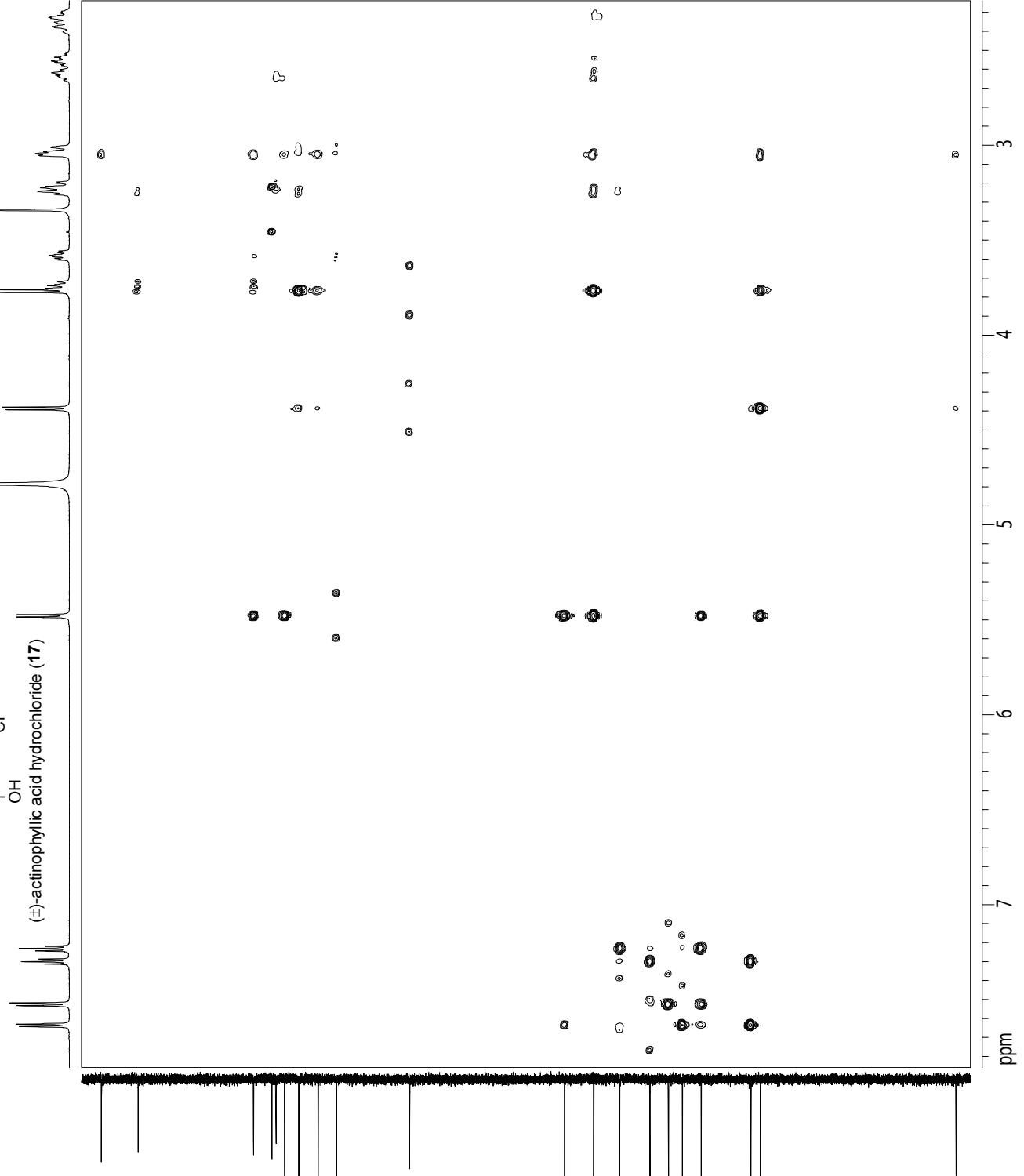
2D NMR plot parameters
 CX2 15.00 cm
 CX1 15.00 cm
 F2P1O 7.700 ppm
 F2LO 4620.96 Hz
 F2PH 2.227 ppm
 F2H 1336.48 Hz
 F1P1O 7.732 ppm
 F1LO 4640.31 Hz
 F1PH 2.212 ppm
 F1H 1327.66 Hz
 F2PPMCM 0.36486 ppm/cm
 F2HZCM 218.96545 Hz/cm
 F1PPMCM 0.36799 ppm/cm
 F1HZCM 220.84308 Hz/cm

gcosy





ghnbc optimized for 10Hz couplings



Current Data Parameters
 USER comor
 NAME CLM 2-ZE-D2O
 EXPNO 17
 PROCNO 1

S57

F2 - Acquisition Parameters

Date_ 20080209
 Time 11:53
 INSTRUM av600
 PULPROG zgpg30
 TD 65536
 SOLVENT DMS
 NS 2
 DS 16
 SWH 3597.122 Hz
 FIDRES 4.650813 Hz
 AQ 0.1234620 sec
 RG 2050
 DW 139.000 usec
 DE 6.00 usec
 TE 298.0 K

25

F1 - Acquisition Parameters

CHN1 1H
 CHN2 13C
 NI1 8.00 usec
 NI2 16.00 usec
 PL1 -1.00 dB
 PL2 0.00 dB
 SF01 600.1330006 MHz
 SF02 150.9194083 MHz

50

F2 - Processing parameters

SI 1024
 SF 600.1330131 MHz
 SFO1 150.9194 MHz
 SFO2 141.530792 Hz
 SW 240.074 ppm
 FWHM 0
 GB 0
 PC 1.40

75

F1 - Acquisition parameters

NI1 8.00 usec
 NI2 16.00 usec
 PL1 -1.00 dB
 PL2 0.00 dB
 SF01 600.1330006 MHz
 SF02 150.9194083 MHz

100

F2 - Processing parameters

SI 1024
 SF 600.1330131 MHz
 SFO1 150.9194 MHz
 SFO2 141.530792 Hz
 SW 240.074 ppm
 FWHM 0
 GB 0
 PC 1.40

125

F1 - Acquisition parameters

NI1 8.00 usec
 NI2 16.00 usec
 PL1 -1.00 dB
 PL2 0.00 dB
 SF01 600.1330006 MHz
 SF02 150.9194083 MHz

150

F2 - Processing parameters

SI 1024
 SF 600.1330131 MHz
 SFO1 150.9194 MHz
 SFO2 141.530792 Hz
 SW 240.074 ppm
 FWHM 0
 GB 0
 PC 1.40

ppm

ppm