Supporting Information

Synthetic Studies on Perophoramidine and the Communesins: Construction of the Vicinal Quaternary Stereocenters

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General Experimental Methods. All non-aqueous reactions were carried out under a positive atmosphere of nitrogen unless otherwise noted. Air and moisture sensitive liquid reagents were added via a dry syringe or cannula. Anhydrous tetrahydrofuran (THF), dichloromethane (CH_2Cl_2), diethyl ether (Et_2O) and toluene (PhMe) were obtained from a solvent dispensing system. All other solvents and reagents were used as obtained from commercial sources without further purification unless noted. Flash chromatography was performed using silica gel 60 (230-400 mesh). Analytical and preparative thin-layer chromatography (TLC) were performed on silica gel 60 PF254 plates.

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Current Data Parameters
NAME jerry-04-21-03
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20030421
Time 16:37
INSTRUM spect
PROBHD 5 mm BBI D-8
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 6079.146 Hz
FIDRES 0.126314 Hz
AQ 3.3054243 sec
RG 71.8
AC 83.460 uSsec
SC 6.00 uSsec
TE 300.0 K
G1 1.00000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 6.45 uSsec
PL1 0.00 dB
SFO1 400.134710 MHz

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

1D NMR plot parameters
CX 20.00 cm
FIP 11.000 gph
F1 4401.43 Hz
F2P -1.000 gph
F2 -400.13 Hz
PRNCH 0.00000 pph/cm
NICH 240.07800 Hz/cm

Current Data Parameters
 NAME: J077-04.23.03
 EXPNO: 1
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20030423
 Time: 15.15
 NUC1: spect
 PULPROG: zgpg30
 FIDRES: 0.000147
 SOLVENT: CDCl3
 NS: 144
 DS: 4
 SWH: 18795.592 Hz
 FIDRES: 0.000147 Hz
 AQ: 1.7433578 sec
 RG: 1024
 CM: 20.600 MHz
 SC: 6.00 MHz
 TC: 300.2 K
 D1: 2.00000000 sec
 D11: 0.03000000 sec
 D12: 0.00000000 sec

===== CHANNEL f1 =====
 NUC1: 13C
 P1: 5.40 MHz
 PL1: -6.00 dB
 SFO1: 75.4100577 MHz

===== CHANNEL f2 =====
 CPDPRG2: waltz16
 NUC2: 1H
 P2: 115.00 MHz
 PL2: 0.00 dB
 PL12: 20.00 dB
 PL13: 20.00 dB
 SFO2: 200.8711995 MHz

F2 - Processing parameters
 SI: 32768
 SF: 75.4023415 MHz
 WDM: 04
 SSF: 0
 LB: 1.00 Hz
 GB: 0
 PC: 1.40

1D NMR list parameters
 CX: 20.00 cm
 F1P: 200.000 MHz
 F1: 00000.31 Hz
 F2P: -10.000 MHz
 F2: -754.02 Hz
 PPM0: 11.00000 ppm/v
 NDC: 867.12802 Hz/c

Current Data Parameters
NAME Sun-111-2-1
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20050317
Time 14.15
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zg30
TD 65536
FIDRES 0.48774
SOLVENT CDCl3
NS 380
DS 2
SWH 7462.887 Hz
FIDRES 0.166075 Hz
AQ 2.9595060 sec
RG 1624
DM 817.000 uS
DE 95.71 uS
TE 300.0 K
N1 0
N2 0
D1 1.00000000 sec
P1 10.00 uS
SFO1 365.136150 MHz
NUCLEUS 1H

F2 - Processing parameters
SI 32768
SF 365.136151 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
FID 10.500 um
F1 3781.41 Hz
F2 -0.500 um
F2 -180.07 Hz
RG 0.55000 um/cm
H2O 128.27260 Hz/cm

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Current Data Parameters
NAME: 5.0-111.28-4.1
EXPNO: 2
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20050412
Time: 13.06
INSTRUM: spect
PROBHD: 5 mm Nal/11mm
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl₃
AQ: 162
RG: 2
FIDRES: 16532.303 Hz
F10H3: 0.2617866 Hz
AQ: 1.7400366 sec
RG: 8152
DM: 26.550 uHz
RG: 6.55 uHz
RG: 350.0 K
RG: 2.0000000 sec
RG: 0.0300000 sec
RG: 0.0000000 sec

===== CHANNEL f1 =====
NUC1: 13C
P1: 11.00 uHz
PL1: 0.00 dB
SFO1: 75.4763200 MHz

===== CHANNEL f2 =====
CPDPRG2: waltz16
NUC2: 1H
P2: 110.00 uHz
PL2: 0.00 dB
P3: 17.50 dB
P4: 17.50 dB
SFO2: 300.1310000 MHz

F2 - Processing parameters
SI: 32768
SF: 75.4677190 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40

10 user edit parameters
CH: 20.00 cm
F5P: 805.000 ppm
F1: 25476.88 Hz
F2: -10.000 ppm
F3: -754.98 Hz
P0PCX: 03.75000 ppm/Hz
NDCX: 831.21832 Hz/cm

Current Data Parameters
 NAME: SJH-111-31
 EXPNO: 1
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20070426
 Time: 10.50
 INSTRUM: spect
 PROBHD: 5 mm BBI 1H-5
 PULPROG: zg30
 TO: 48858
 SOLVENT: CDCl3
 NS: 13
 DS: 2
 SWH: 8079.145 Hz
 FIDRES: 0.166870 Hz
 AQ: 2.9200371 sec
 RG: 40.3
 DM: 60.420 usec
 DE: 6.00 usec
 TE: 300.2 K
 D1: 1.00000000 sec

===== CHANNEL f1 =====
 NUC1: 1H
 P1: 8.45 usec
 PL1: 0.00 dB
 SFO1: 400.136410 MHz

F2 - Processing parameters
 SI: 32768
 SF: 400.1360001 MHz
 MW: EM
 SSB: 0
 LB: 0.30 Hz
 GB: 0
 PC: 1.00

10 MHz plot parameters
 CX: 20.00 cm
 FID: 10.500 ppm
 FI: 4201.37 Hz
 F2: -0.500 ppm
 F2: -200.07 Hz
 PRINCH: 0.75000 ppm/cm
 NUCM: 200.07150 MHz/cm

Current Data Parameters
NAME: SJ-111-20
EXPNO: 8
PROCNO: 1
F2 - Acquisition Parameters
Date_ 20050429
Time 10.53
INSTRUM spect
PROBHD 5 mm BBI 1H-2
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
COC13 136
DS 2
SFO1 501.251 675 Hz
FIDRES 0.303367 Hz
AQ 1.3942164 sec
RG 10264
DM 19.360 6881
DC 6.00 6881
W 300.0 K
D1 2.00000000 sec
D11 0.03000000 sec
D12 0.00000000 sec
===== CHANNEL f1 =====
NUC1 13C
P1 16.36 6881
PL1 -0.00 dB
SFO1 100.6217655 MHz
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
P2 114.00 6881
PL2 0.00 dB
PL3 24.00 dB
PL12 24.00 dB
SFO2 400.1300000 MHz
F2 - Processing parameters
SI 32768
SF 300.6127280 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40
1D waltz16 parameters
CX 28.00 6881
F1P 2005.000 6881
F1 20025.61 Hz
F2P -10.000 6881
F2 -1006.13 Hz
RGHSC 10.75000 6881/sec
RGHSC 1081.58831 Hz/sec

Current Data Parameters
 Name: 5A-11-23-4-1
 EXPNO: 2
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20250503
 Time: 23.40
 INSTRUM: spect
 PROCNO: 3
 FIDRES: 0.000144
 AQ: 1.3042764 sec
 RG: 12384
 DA: 12.360 GHz
 DE: 6.00 uV
 TE: 300.2 K
 D1: 0.0000000 sec
 d11: 0.0300000 sec
 d12: 0.0000000 sec

===== CHANNEL f1 =====
 NUC1: ¹H
 P1: 16.20 uV
 PL1: -8.00 dB
 SFO1: 100.625195 MHz

===== CHANNEL f2 =====
 CPDPRG2: waltz16
 NUC2: ¹³C
 P2: 114.00 uV
 PL2: 0.00 dB
 PL3: 24.00 dB
 PL12: 24.00 dB
 SFO2: 400.1310000 MHz

F2 - Processing parameters
 SI: 32768
 SF: 100.6127290 MHz
 WDW: EM
 SSB: 0
 LB: 1.00 Hz
 GB: 0
 PC: 1.40

10 MHz x101 parameters
 CX: 20.00 cm
 F1P: 305.800 ppm
 F1: 20525.81 Hz
 F2P: -10.000 ppm
 F2: -3205.13 Hz
 FREQ4: 16.75000 ppm/Hz
 AQ4: 1001.98001 Hz/Hz

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Current Data Parameters
NAME S4-111-20
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date_ 20050523
Time 23.01
INSTRUM spect
PROBHD 5 mm BBI 1H-5
PULPROG zg30
TD 49698
SOLVENT CDCl3
NS 13
DS 2
SWH 8278.145 Hz
FIDRES 0.166870 Hz
AQ 2.5999971 sec
RG 256
DM 50.450 uSSE
DE 6.00 uSSE
TE 300.0 K
D1 1.00000000 sec
----- CHANNEL f1 -----
NUC1 1H
P1 8.45 uSSE
PL1 0.00 dB
SFO1 400.1324750 MHz
F2 - Processing parameters
SI 32768
SF 400.1300256 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00
RG 10
WDW 20.00 cm
FIR 10.500 888
ZFI 4281.37 Hz
FIR -0.500 888
F2 -0.500 87 Hz
PRNOM 0.35000 888/cm
H2OM 220.07150 Hz/cm

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Current Data Parameters
Name: Sub-111-09-1
EXPNO: 2
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20050425
Time: 17.33
INSTRUM: spect
PROBHD: 5 mm 29P 1H/1
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl3
NS: 99
DS: 2
SWH: 18796.952 Hz
FIDRES: 0.208813 Hz
AQ: 1.7430076 sec
RG: 512
DM: 29.40248 sec
DE: 5.00 uV
TE: 300.0 K
Q1: 2.0000000 sec
Q11: 0.3300000 sec
Q12: 0.0000000 sec

===== Channel f1 =====
NUC1: 13C
P1: 5.40 uV
PL1: -5.00 dB
SFO1: 75.418851 MHz

===== Channel f2 =====
CPDPRG2: waltz16
NUC2: 1H
PCPD2: 115.00 uV
PL2: 0.00 dB
PL12: 75.00 dB
PL13: 20.00 dB
SFO2: 299.8711995 MHz

F2 - Processing parameters
SI: 32768
SF: 75.4023410 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40

1D test plot parameters
CX: 25.00 cm
FIP: 205.000 uPa
F1: 15457.48 Hz
F2: -5.500 pPa
F2: -377.01 Hz
PRGCM: 10.00000 pPa/cx
HDCM: 791.72461 Hz/cm

Current Data Parameters
NAME Sub-III-36-1
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20050525
Time 15.15
INSTRUM spect
PROBHD 5 mm BBI 5H-5
PULPROG zgpg30
TD 49668
SOLVENT CDCl3
NS 16
DS 2
SWH 8078.146 Hz
FIDRES 0.165570 Hz
AQ 2.9999971 sec
RG 181
DM 80 400 uSBC
DE 6.00 uSBC
TE 300.2 K
D1 1.00000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 8.45 uSBC
PL 0.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300254 MHz
WDW EM
SSB 0
LB 0.50 Hz
GB 0
PC 1.00

90 MHz plot parameters
CX 20.00 cm
FIP 30.500 dB
F1 4201.37 Hz
F2 -6.500 dB
F2 -200.07 Hz
PRINCH 0.00000 ppm/cx
XZCH 220.07150 Hz/cx

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Current Data Parameters
Name: 5,7-[1]-36-1
EXPNO: 3
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20020506
Time: 17.59
INSTRUM: spect
PROBHD: 5 mm BBI 1H-2
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl3
AQ: 5.12
RG: 32
DS: 4
SWH: 25125.629 Hz
FIDRES: 0.361387 Hz
AQ: 1.3042554 sec
RG: 7648
DM: 10.000 usec
DE: 6.00 usec
TE: 300.2 K
SI: 2.00000000 sec
SF: 0.13000000 sec
RF: 0.00000000 sec

===== CHANNEL f1 =====
NUC1: 13C
P1: 10.00 usec
PL1: -6.00 dB
SFO1: 100.6217023 MHz

===== CHANNEL f2 =====
CPDPRG2: waltz16
NUC2: 1H
PCPD2: 114.00 usec
PL2: 0.00 dB
PL3: 24.00 dB
PL4: 24.00 dB
SFO2: 400.1315000 MHz

F2 - Processing parameters
SI: 32768
SF: 100.6177950 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40

1D NMR plot parameters
CX: 30.00 cm
FIDF: 705.000 sec
F1: 26545.61 Hz
F2: -5.000 sec
F3: -503.06 Hz
PNSCH: 10.50000 sec/Hz
NDSK: 1256.4337 Hz/cx

Current Data Parameters
NAME 54-11-134-4
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20060915
Time 20.28
INSTRUM spect
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 11
DS 2
SWH 6172.839 Hz
FIDRES 0.196671 Hz
AQ 2.9998659 sec
RG 90.5
CW 81.000 uWHz
DE 6.00 uWHz
TE 300.2 K
D1 1.00000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 11.70 uWHz
PL1 0.00 dB
SFO1 299.8118518 MHz

F2 - Processing parameters
SI 32768
SF 299.8118518 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CH 20.00 cm
FIP 10.500 cm
F1 31.40 84 Hz
F2P -0.500 cm
F2 -1.49 93 Hz
PRINCH 0.00000 cm/Hz
NDCM 164 132800 Hz/cm

Current Data Parameters
 NAME 541-11-138-4
 EXPNO 2
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20040923
 Time 20.25
 INSTRUM spect
 PROBHD 5 mm BBO 1H/1
 PULPROG zgpg30
 F1 400.130
 F2 100.626
 SOLVENT CDCl3
 NS 751
 DS 2
 SWH 18796.850 Hz
 FIDRES 0.388859 Hz
 AQ 1.74032876 sec
 RG 512
 DA 25.830 sec
 DE 6.30 uV
 TE 300.0 K
 TC 0.00000000 sec
 D11 0.00000000 sec
 D12 0.00000000 sec
 ===== CHANNEL f1 =====
 NUC1 13C
 P1 3.40 dB
 PL1 -6.00 dB
 SFO1 75.418257 MHz
 ===== CHANNEL f2 =====
 CPDPRG2 zgpg30
 NUC2 1H
 P2 19.00 dB
 PL2 0.00 dB
 PL12 20.00 dB
 PL13 20.00 dB
 SFO2 200.8715225 MHz
 F2 - Processing parameters
 SI 32768
 SF 75.4622843 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40
 TD 65536
 FIDRES 0.388859 Hz
 CX 20.00 cm
 F1P 200.000000 MHz
 F2P 15457.49 Hz
 F3P -5.006 GHz
 F2 100.626 MHz
 SFOF2 15.35204 MHz

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Current Data Parameters
 Name: 5AH-111-153
 EXPNO: 1
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20051011
 Time: 15.26
 INSTRUM: spect
 PROCOR: 5 mm BBI 31P-B
 PULPROG: zgpg30
 TO: 49668
 SOLVENT: CDCl3
 NS: 16
 DS: 2
 SWH: 8278.146 Hz
 FIDRES: 0.166070 Hz
 AQ: 2.988801 sec
 RG: 514.7
 CW: 85.400 usec
 DE: 8.00 usec
 TE: 300.0 K
 D1: 1.00000000 sec

===== CHANNEL f1 =====
 NUC1: 1H
 P1: 8.40 usec
 PL1: 0.00 dB
 SFO1: 400.1324110 MHz

F2 - Processing parameters
 SI: 32768
 SF: 400.130054 MHz
 WDM: EM
 SSB: 0
 LB: 0.30 Hz
 GB: 0
 PC: 1.00

ID 1MR plot parameters
 CX: 20.00 cm
 FIP: 10.000 ppm
 F1: 4001.37 Hz
 F2: -0.593 ppm
 F2: -200.07 Hz
 PPM0: 0.55000 ppm/Hz
 NUCM: 200.07500 Hz/cm

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Current Data Parameters
NAME SJH-III-152
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 2005050
Time 21.21
INSTRUM spect
PROBHD 5 mm QNP 5/1
PULPROG zg30
TD 32768
FIDRES 0.0013
SOLVENT DMSO
NS 11
DS 2
SWH 6172.839 Hz
FIDRES 0.166271 Hz
AQ 2.9999999 sec
RG 256
WM 81.000 MHz
ZG 6.00 MHz
F2 300.6 K
F3 1.00000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 11.70 MHz
PL1 0.00 dB
SFO1 299.873518 MHz

F2 - Processing parameters
SI 32768
SF 299.873518 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

30 MHz 8101 parameters
C8 20.00 cm
F3P 30.520 ppm
F1 3148.64 Hz
F2P -0.250 ppm
F2 -148.93 Hz
P0PCW 0.55000 ppm/cm
A2CM 164.10860 Hz/cm

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Current Data Parameters
NAME 544-111-152
EXPNO 2
PROCNO 1
F2 - Acquisition Parameters
Date_ 20051018
Time 21.26
INSTRUM spect
PROBHD 5 mm DNP 1H/1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 128
DS 2
SWH 16796.962 Hz
F230K3 0.200015 Hz
AQ 1.1438376 sec
RG 1440.2
SW 25.800 MHz
DE 0.00 MHz
TE 300.2 K
D1 2.00000000 sec
D11 0.03000000 sec
D12 0.00000000 sec
===== CHANNEL f1 =====
NUC1 13C
P1 5.40 MHz
PL1 -0.00 dB
PR1 75.4726057 MHz
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
P2 500.135558 MHz
PL2 0.00 dB
PR2 20.0000000 MHz
PL3 20.0000000 MHz
PR3 20.0000000 MHz
F2 - Processing parameters
SI 32768
SF 75.4023410 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40
1D NMR S101 parameters
CX 20.00 cm
F1 245.0000000 MHz
F2 15457.40 MHz
F3 -5.0000000 MHz
F4 -373.01 MHz
SFOK 10.000000000000000
AQK 781.77461 MHz/cm

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[illegible]

Current Data Parameters
NAME: SJN-111-164
EXPNO: 2
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20051012
Time: 17.18
INSTRUM: spect
PROBHD: 5 mm QNP 1H-2
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl3
NS: 512
DS: 4
SWH: 25125.609 Hz
F2FREQ: 0.383367 Hz
AQ: 1.3042164 sec
RG: 327.864
DM: 15.900 uS/pt
DE: 5.00 uS/pt
TE: 300.2 K
D1: 2.00000000 sec
d11: 0.00000000 sec
d12: 0.00000000 sec

===== CHANNEL f1 =====
NUC1: 13C
P1: 19.35 uS/pt
PL1: -9.00 dB
SFO1: 101.627200 MHz

===== CHANNEL f2 =====
CPDPRG2: waltz16
NUC2: 1H
P2: 114.00 uS/pt
PL2: 0.00 dB
PL12: 24.00 dB
PL13: 24.00 dB
SFO2: 400.1316000 MHz

F2 - Processing parameters
SI: 32768
SF: 100.6177960 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40

1D NMR parameters
CA: 26.00 ns
F1P: 205.900 MHz
F1: 200.2501 Hz
F2P: -10.000 MHz
F2: -1006.13 Hz
FREQ: 101.627200 MHz
NORM: 1001.50000 Hz/Hz

Current Data Parameters
 Name: 5H-111-158
 ExpNO: 3
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20051013
 Time: 21.06
 INSTRUM: spect
 PROBHD: 5 mm QNP-1H/1
 PULPROG: zgpg30
 TD: 65536
 SOLVENT: TMS
 NS: 8
 DS: 2
 SWH: 6172.839 Hz
 F2DRG3: 0.388671 Hz
 AQ: 2.9379859 sec
 RG: 181
 DM: 81.000 uSSEC
 DE: 6.00 uSSEC
 F2: 300.8 K
 T2: 1.00000000 sec

===== CHANNEL f1 =====
 NUC1: 1H
 P1: 11.70 uSSEC
 PL1: 0.00 dB
 SFO1: 299.8718018 MHz

F2 - Processing parameters
 SI: 32768
 SF: 299.8700000 MHz
 WDM: 14
 SSF: 0
 LB: 0.30 Hz
 GB: 0
 PC: 1.00

1D NMR plot parameters
 C3: 20.00 cm
 FID: 10.500 ppm
 F1: 2140.04 Hz
 F2: -0.500 ppm
 F2: -140.03 Hz
 PPM0: 0.50000 ppm/cm
 MCH: 164.00000 Hz/cm

Current Data Parameters
NAME: Sub-111-156
EXPNO: 4
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20051013
Time: 21.15
INSTRUM: spect
PROBHD: 5 mm QNP 1H/1
PULPROG: zgpg30
TD: 65536
SOLVENT: to1
NS: 967
DS: 2
SWH: 16796.952 Hz
FIDRES: 0.288119 Hz
AQ: 1.7438176 sec
RG: 32.24
WM: 25.000 vsec
ZGPG: 8.00 vsec
TE: 300.0 K
SI: 16
RG: 3.0000000 sec
AQ: 0.0300000 sec
RG: 8.0000000 sec
AQ: 0.0000000 sec

===== Channel f1 =====
NUC1: 13C
P1: 3.40 vsec
PL1: -1.00 dB
SFO1: 75.478357 MHz

===== Channel f2 =====
CPDPRG2: waltz16
NUC2: 1H
P2: 115.00 vsec
PL2: 0.00 dB
PL12: 20.00 dB
PL13: 20.00 dB
SFO2: 299.671355 MHz

F2 - Processing parameters
SI: 32768
SF: 75.4623410 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40

10 MHz p131 parameters
CX: 20.00 cm
FID: 200.000 sec
L4: 19457.48 Hz
C3: -10.000 ppm
F2: -754.02 Hz
SFO2: 10.75000 MHz
WID: 410.67500 MHz

Current Data Parameters
 Name: Sub-117-169-2
 EXPNO: 4
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20251029
 Time: 20.12
 INSTRUM: spect
 PROCNO: 1
 F2 - 400 MHz 1H/1
 PULPROG: zgpg30
 F2: 400.000
 SOLVENT: CDCl3
 NS: 1189
 DS: 3
 SWH: 18796.960 Hz
 FIDRES: 0.288613 Hz
 AQ: 1.7433579 sec
 RG: 1624
 DW: 20.000000 sec
 DE: 8.000000
 TE: 300.2 K
 D1: 2.0000000 sec
 D11: 0.0300000 sec
 D12: 0.0000000 sec

===== CHANNEL f1 =====
 NUC1: 13C
 P1: 0.40000000
 PL1: -0.000000
 SFO1: 75.4000000 MHz

===== CHANNEL f2 =====
 CPDPRG2: waltz16
 NUC2: 1H
 P2: 0.00000000
 PL2: 0.000000
 PL3: 0.000000
 PL4: 0.000000
 PL5: 0.000000
 PL6: 0.000000
 SFO2: 229.8711000 MHz

F2 - Processing parameters
 SI: 32768
 SF: 75.4023415 MHz
 WDW: EM
 SSF: 0
 LB: 1.00 Hz
 GB: 0
 PC: 1.40

1D 1H NMR parameters
 CH: 20.00 cm
 FID: 285.000000
 F1: 15437.48 Hz
 F2: -5.000000
 F3: -277.81 Hz
 FWHM: 10.500000 Hz
 GPC: 781.72481 Hz

Current Data Parameters
 NAME: Sub-117-164-1
 EXPNO: 1
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20051021
 Time: 17:27
 INSTRUM: spect
 PULPROG: zgpg30
 TO: 409664
 SOLVENT: CDCl3
 NS: 10
 DS: 2
 SWH: 6078.145 Hz
 FIDRES: 0.166670 Hz
 AQ: 2.9999971 sec
 RG: 3251
 DM: 60.400 usec
 DE: 6.00 usec
 TE: 300.0 K
 D1: 1.00000000 sec

===== CHANNEL f1 =====
 NUC1: 1H
 P1: 8.45 usec
 PL1: 0.00 dB
 SFO1: 400.1304710 MHz

F2 - Processing parameters
 SI: 32768
 SF: 400.1300356 MHz
 WDM: FM
 SSB: 0
 LB: 0.30 Hz
 GB: 0
 PC: 1.00

1D NMR plot parameters
 CK: 20.00 cm
 FFS: 10.500 sec
 FI: 4201.37 Hz
 FID: -0.500 sec
 F2: -200.07 Hz
 SFO2: 0.56200 sec/cm
 WDM: 200.07150 Hz/cm

Current Data Parameters
 NAME: 5A-117-105-1
 EXPNO: 2
 PROCNO: 1
 F2 - Acquisition Parameters
 Date_: 20251029
 Time: 00.30
 INSTRUM: spect
 PROBRW: 5 mm BBO 1H/1
 PULPROG: zgpg30
 TO: 605.96
 SOLVENT: CDCl3
 NS: 1363
 DS: 3
 SWH: 18790.962 Hz
 FIDRES: 0.206819 Hz
 AQ: 1.7433679 sec
 RG: 513
 DM: 20.000 cm
 DE: 6.00 cm
 TE: 300.2 K
 D1: 0.0000000 sec
 D11: 0.0000000 sec
 D12: 0.0000000 sec
 ===== CHANNEL f1 =====
 NUC1: 13C
 P1: 5.00 cm
 PL1: -0.00 dB
 SFO1: 75.400037 MHz
 ===== CHANNEL f2 =====
 CPDPRG2: zgpg30
 NUC2: 1H
 P2: 115.00 cm
 PL2: 0.00 dB
 PL12: 20.00 dB
 PL13: 20.00 dB
 SFO2: 299.8711935 MHz
 F2 - Processing parameters
 SI: 32768
 SF: 75.4031610 MHz
 KW: 24
 GB: 0
 LB: 1.00 Hz
 SB: 0
 FC: 1.40
 50 MHz p1h1 parameters
 EX: 30.00 cm
 F1P: 200.000000 MHz
 F1: 15457.48 Hz
 F2P: -5.000000 MHz
 F2: -377.55 Hz
 SFO0: 30.0000000 MHz
 SFO1: 75.400037 MHz

```

Current Data Parameters
NAME      SUB-111-208-1
EXPNO     1
PROCNO    1

F2 - Acquisition Parameters
Date_     20051202
Time      11.54
SOLVENT   spect
PROBHD    5 mm BBO 1H-0
PULPROG   zgpg30
TD         65536
AQ         0.00066
RG          327.5
SOLVENT   CDCl3
NS         16
DS         2
SWH         1270.140 Hz
FIDRES     0.102670 Hz
P1          0.0009971 sec
RG          259.8
PC          66.000000 sec
DE         0.000000 sec
TE         300.0 K
D1          1.000000000 sec

***** CHANNEL f1 *****
NAME1
NUC1       1H
P1         6.400000 sec
PL1        0.00 dB
SFO1       400.1354710 MHz

F2 - Processing parameters
SI         32768
SF          400.1300556 MHz
WDW         EM
SSB         0
LB          0.30 Hz
GB          0
PC          1.00

ID non-pilot parameters
CA         20.00 cm
FSP         10.500 ppm
F1          4.00130 Hz
F2P         0.500 ppm
F2          -200.00 Hz
PCKON      0.55000 ppm/cm
ZD          220.07150 MHz

```

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Current Data Parameters
NAME S4-17-115
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20080823
Time 18.20
INSTRUM spect
PROBHD 5 mm NUC1Hx
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1373
DS 2
SWH 18650.363 Hz
FIDRES 0.282360 Hz
AQ 3.740309 sec
RG 11581.2
GB 28.300 uHz
DB 6.00 uHz
TE 300.0 K
D1 8.0000000 sec
d11 0.0300000 sec
d12 0.0000000 sec
d13 0.0000000 sec

===== CHANNEL f1 =====
NUC1 13C
P1 11.00 uHz
PL1 0.00 dB
SFO1 75.476300 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
P2 110.00 uHz
PL2 0.00 dB
PL12 17.00 dB
PL13 17.00 dB
SFO2 300.131200 MHz

F2 - Processing parameters
SI 32768
SF 75.467160 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

1D NMR plot parameters
CX 20.00 cm
F1F 200.000 MHz
F1 15476.00 Hz
F2F -5.000 kHz
F2 -377.24 Hz
GAINC 10.00000000
UICK 750.41307 Hz/CX

Current Data Parameters
NAME: 5,6H-di-major
EXPNO: 1
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20080518
Time: 14.43
INSTRUM: spect
PROBHD: 5 mm QNP 1H/1
PULPROG: zgpg30
TD: 32736
SOLVENT: Tol
NS: 32
DS: 2
SWH: 6172.839 Hz
FIDRES: 0.100073 Hz
AQ: 2.9929603 sec
RG: 1282.2
DM: 61.000 uS
DE: 6.00 uS
TE: 300.2 K
D1: 1.00000000 sec

===== CHANNEL f1 =====
NUC1: 1H
P1: 11.70 uS
PL1: 0.00 dB
SFO1: 500.136181 MHz

F2 - Processing parameters
SI: 32768
SF: 500.136181 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00

1D NMR list parameters
CH: 20.00 cm
F2: 10.500 ppm
F1: 3144.64 Hz
F2: -0.500 ppm
F2: -144.93 Hz
PQFNC: 0.55000 ppm/cm
AQFNC: 164.93600 Hz/cm

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Me

Current Data Parameters
Name: 47-1111-11
Date: 20080627
Time: 14.25
INSTRUM: spect
PROBHD: 5 mm BBO 1H/1
PULPROG: zgpg30
TD: 65536
SOLVENT: DMSO
NS: 1024
DS: 4
SWH: 18179.962 MHz
FIDRES: 0.286215 Hz
AQ: 1.743375 sec
RG: 1024
DQ: 25.853 sec
DE: 6.55 sec
TE: 300.2 K
D1: 0.00000000 sec
D11: 0.00000000 sec
D12: 0.00000000 sec
D13: 0.00000000 sec

===== CHANNEL F1 =====
NUC1: 13C
P1: 9.00 usec
PL1: -0.00 dB
SFO1: 75.4700000 MHz

===== CHANNEL F2 =====
CPDPRG2: waltz16
NUC2: 1H
P2: 170.00 usec
PL2: 0.00 dB
PL3: 0.00 dB
PL4: 20.00 dB
PL5: 20.00 dB
SFO2: 299.8710000 MHz

F2 - Processing parameters
SI: 32768
SF: 75.4223211 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40

1D NMR 300K parameters
CX: 20.00 cm
FID: 295.000 usec
F1: 15457.48 Hz
F2: -377.61 Hz
PROBHD: 5 mm BBO 1H/1
SFO1: 75.4700000 MHz

50

Current Data Parameters
NAME 50-1-135-2
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date_ 20030825
Time 14.16
INSTRUM spect
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 5
DS 2
SWH 6572.859 Hz
FIDRES 0.094180 Hz
AQ 5.3084860 sec
RG 356
DM 31.000 kHz
DE 8.00 kHz
TE 300.2 K
D1 1.00000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 11.70 usec
PL1 0.00 dB
SFO1 253.8716510 MHz

F2 - Processing parameters
SI 32768
SF 259.8099654 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

3D MPR plot parameters
CX 20.00 cm
FAP 10.500 deg
F1 3148.03 Hz
F2 -0.500 ppm
FZ -145.93 Hz
GAMMA 0.55600 ppm/Hz
MCH 254.32848 Hz/cm

Current Data Parameters
 Name: 50-1-135-2
 EXPNO: 2
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20030525
 Time: 14.20
 INSTRUM: spect
 PROBHD: 5 mm QNP 1H/1
 PULPROG: zgpg30
 TD: 65536
 SOLVENT: CDCl3
 NS: 128
 DS: 2
 SWH: 18796.962 Hz
 FIDRES: 0.388618 Hz
 AQ: 1.7433538 sec
 RG: 512
 DW: 20.000 usec
 DE: 6.00 usec
 TE: 300.2 K
 D1: 2.00000000 sec
 D11: 0.03000000 sec
 D12: 0.00000000 sec

===== Channel f1 =====
 NUC1: 13C
 P1: 5.00 usec
 PL1: -6.00 dB
 PR0: 75.4100000 MHz

===== Channel f2 =====
 CPDPRG2: waltz16
 NUC2: 1H
 PCPD2: 115.00 usec
 PL2: 0.00 dB
 PL12: 20.00 dB
 PL13: 20.00 dB
 PR02: 200.8711995 MHz

F2 - Processing parameters
 S1: 30718
 SF: 75.4023410 MHz
 NSW: 64
 DS: 0
 LB: 1.00 Hz
 GB: 0
 PC: 1.40

1D NMR list parameters
 CX: 20.00 cm
 FIP: 210.000 000
 F1: 150211.30 Hz
 F2: 410000.000
 SFO: 200.131 000

Current Data Parameters
NAME Sub-1-137
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20031021
Time 19.53
INSTRUM spect
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 7
DS 2
SWH 6172.825 Hz
FIDRES 0.094190 Hz
AQ 0.3084660 sec
RG 114
DM 11.000 MHz
DE 6.00 MHz
TE 300.0 K
D1 1.00000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 11.70 MHz
PL1 0.00 dB
SFO1 250.0718050 MHz

F2 - Processing parameters
SI 32768
SF 250.0000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
FIP 10.500 um
FI 31.40 Hz
FQ -0.500 um
FZ -1.00 Hz
RG 0.00000 um/cx
RNCM 164.00047 Hz/cm

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Current Data Parameters
 Name: Sub-1-137
 EXPNO: 2
 PROCNO: 1

F2 - Acquisition Parameters
 Date_: 20210211
 Time: 09:58
 INSTRUM: spect
 PROBRF: 5 mm BBO HV1
 PULPROG: zgpg30
 TD: 65536
 SFO: 500.13
 SOLVENT: DMSO
 NS: 1024
 DS: 4
 SWH: 10396.800 Hz
 FIDRES: 0.200018 Hz
 AQ: 1.7430018 sec
 RG: 512
 WC: 512
 CH: 35.500 usec
 DE: 6.00 usec
 TE: 300.2 K
 D1: 2.00000000 sec
 D11: 0.03000000 sec
 D12: 0.00000000 sec

===== CHANNEL f1 =====
 NUC1: 13C
 P1: 5.40 usec
 PL1: -0.00 dB
 SFO1: 75.400000 MHz

===== CHANNEL f2 =====
 CPDPRG2: waltz16
 NUC2: 1H
 P2: 115.00 usec
 PL2: 0.00 dB
 PL12: 20.00 dB
 PL13: 20.00 dB
 SFO2: 299.971000 MHz

F2 - Processing parameters
 SI: 32768
 SF: 75.400000 MHz
 WDM: 2
 LB: 1.00 Hz
 GB: 0
 PC: 1.40

13 NMR plot parameters
 CX: 20.00 cm
 FID: 302.000 ppm
 F1: 15401.48 Hz
 F2: -377.01 Hz
 SFOH: 12.50000 ppm/cg
 NUCN: 75.40000 MHz

Current Data Parameters
 NAME Sub-1-211
 EXPNO 1
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20040518
 Time 16.00
 INSTRUM spect
 PROBRG 5 mm DNP 1H/1
 PULPROG zgpg30
 TO 65536
 SOLVENT CDCl3
 NS 4
 DS 2
 SWH 6172.835 Hz
 FIDRES 0.094190 Hz
 AQ 5.3034650 sec
 RG 101.6
 DM 81.000 usec
 DE 6.00 usec
 TE 300.0 K
 D1 1.00000000 sec
 ===== CHANNEL f1 =====
 NUC1 1H
 P1 11.70 usec
 PL1 0.00 dB
 SFO1 250.0718558 MHz
 F2 - Processing parameters
 S1 32768
 SF 250.0700093 MHz
 WDM 64
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00
 1D NMR plot parameters
 CX 20.00 cm
 F1 10.900 ppm
 F1 3146.84 Hz
 F3 0.500 ppm
 F2 -149.33 Hz
 PPM0 0.5000 ppm/cm
 HCM 154.3250 Hz/cm

Current Data Parameters
NAME: 52H-1-211
EXPNO: 2
PROCNO: 1

CP - Acquisition Parameters
Date_: 20040119
Time: 16.05
INSTRUM: spect
PROBHD: 5 mm BBO 14/1
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl3
NS: 141
DS: 2
SWH: 18796.302 Hz
F2345: 5.000419 Hz
AQ: 1.7433376 sec
RG: 512
DM: 28.500 kHz
DE: 5.00 kHz
TE: 303.0 K
D1: 2.00000000 sec
D11: 0.03000000 sec
D12: 0.00000000 sec

===== CHANNEL f1 =====
NUC1: 13C
P1: 5.40 kHz
PL1: -5.00 dB
SFO1: 75.460357 MHz

===== CHANNEL f2 =====
CPDPRG2: waltz16
NUC2: 1H
PCPD2: 115.00 kHz
PL2: 5.00 dB
PL12: 20.00 dB
PL13: 20.00 dB
SFO2: 200.811985 MHz

PP - Processing parameters
SI: 32768
SF: 75.4603453 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40

10 non data parameters
CX: 30.00 cm
F1P: 200.000 MHz
F1F: 15437.48 Hz
F2P: -0.000 MHz
F2F: -377.01 Hz
PWCW: 15.50000 MHz
HETC: T81.72483 Hz/cm

Current Data Parameters
 NAME: 53-1-212
 EXPNO: 1
 PROCNO: 1
 F2 - Acquisition Parameters
 Date_: 09/01/01
 Time: 13.07
 INSTRUM: spect
 PROBO: 5 mm QNP 1H/1
 PULPROG: zgpg30
 TO: 400.000
 SOLVENT: CDCl₃
 NS: 7
 DS: 2
 SWH: 8172.800 Hz
 FIDRES: 0.094150 Hz
 AQ: 5.384666 sec
 RG: 161
 DN: 81.000 uS
 DE: 6.00 uS
 TE: 300.2 K
 D1: 1.0000000 sec
 ===== CHANNEL f1 =====
 NUC1: 1H
 P1: 11.70 uS
 PL1: 0.00 dB
 SFO1: 200.131810 MHz
 F2 - Processing parameters
 SI: 32768
 SF: 200.131810 MHz
 WDW: EM
 SSB: 0
 LB: 0.36 Hz
 GB: 0
 PC: 1.00
 1D NMR parameters
 CX: 20.00 cm
 FID: 10.500 cm
 FI: 3148.64 Hz
 F2: -0.300 cm
 F3: -545.53 Hz
 PRGCM: 0.00000 cm/cm
 HZCM: 164.93860 Hz/cm

Current Data Parameters
NAME 13C-1-203-1
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20061113
Time 1.14
INSTRUM spect
PROBHD 5 mm BBO HV3
PULPROG zgpg30
TD 65536
FIDRES 0.000000
SOLVENT CDCl3
NS 1408
DS 2
SWH 18796.862 Hz
FIDRES 0.0000018 Hz
AQ 1.7436078 sec
RG 1024
DM 35.500 uSsec
DE 6.00 uSsec
TE 300.2 K
D1 2.00000000 sec
D11 0.03000000 sec
D12 0.00000000 sec

===== Datafile F1 =====
NUC1 13C
P1 5.45 uSsec
PL1 -6.00 dB
SFO1 75.4106307 MHz

===== Datafile F2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 115.00 uSsec
PL2 0.00 dB
PL12 20.00 dB
PL13 20.00 dB
SFO2 200.8711905 MHz

F2 - Processing parameters
SI 32768
SF 75.4023432 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

10 NMR list parameters
CH 20.00 Hz
F1P 200.000 ppm
F1 15451.48 Hz
F2P -5.000 ppm
F2 -377.81 Hz
FREQH 10.50000 ppm/cg
HSCX 751.75481 Hz/cg

Current Data Parameters
NAME Sub-1-214
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140125
Time 18:45
INSTRUM spect
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 172
DS 4
SWH 10796.992 Hz
FIDRES 0.286919 Hz
AQ 1.7433076 sec
RG 324
SQ 75.600 usec
ZG 6.00 usec
V1 280.0 Hz
D1 2.00000000 sec
D11 6.00000000 sec
D12 0.00000000 sec

===== CHANNEL f1 =====
NUC1 13C
P1 5.40 usec
PL1 -6.00 dB
PR1 75.41000000 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
P2 115.00 usec
PL2 0.00 dB
PR2 0.00 dB
PL3 20.00 dB
PL4 20.00 dB
PR3 20.00000000 MHz

F2 - Processing parameters
SI 32768
SF 75.4622410 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

10 MHz sub parameters
CX 40.00 cm
FID 200.000 kHz
F1 15457.48 Hz
F2 -5.000 kHz
F3 -377.51 Hz
PRNCH 33.50000 ppm/Hz
HSCN 381.70463 Hz/Hz

Current Data Parameters
NAME 56-11-3-2
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20040501
Time 10.10
INSTRUM spect
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 7
DS 2
SWH 6172.859 Hz
FIDRES 0.004190 Hz
AQ 5.3564950 sec
RG 256
DM 81.000 uS
DE 5.00 uS
TE 300.2 K
D1 1.00000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 11.70 uS
PL1 0.00 dB
SFO1 299.8718518 MHz

F2 - Processing parameters
SI 32768
SF 299.8700000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

10 well plot parameters
CL 20.00 cm
FID 10.300 ppm
F1 3548.64 Hz
F2 -0.500 ppm
F3 -548.50 Hz
PRGCM 0.55555 ppm/cm
WDM 164.38255 Hz/cm

Current Data Parameters
 NAME: 56-11-3-2
 EXPNO: 2
 PROCNO: 1

F2 - Acquisition Parameters
 Date_ 20040201
 Time 10.14
 INSTRUM spect
 PROBO 5 mm DPX 1H/1
 PULPROG zgpg30
 TO 0.00000000
 SOLVENT CDCl3
 NS 800
 DS 2
 SWH 18796.502 Hz
 FIDRES 0.200003 Hz
 AQ 1.743025 sec
 RG 257
 SN 36.605 uSVC
 SC 6.00 uSVC
 IS 305.8 K
 FI 2.00000000 sec
 D1 0.03000000 sec
 D12 0.00000000 sec

===== Channel f1 =====
 NUC1 13C
 P1 5.40 uSVC
 PL1 -6.00 dB
 SF01 75.410067 MHz

===== Channel f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 P2 115.00 uSVC
 PL2 0.00 dB
 PL12 20.00 dB
 PL13 20.00 dB
 SF02 299.971189 MHz

F2 - Processing parameters
 SI 32768
 SF 75.4023410 MHz
 NS 0
 DS 0
 SW 1.00 Hz
 SC 0
 PC 1.40

10 MHz 0161 parameters
 CH 20.00 cm
 F0 295.002 MHz
 F1 15437.48 Hz
 F2 -37.000 Hz
 SFO 15 50000 MHz
 A2 151.70451 Hz/cm

Current Data Parameters
NAME 57-11-3-1
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20040300
Time 22.44
INSTRUM spect
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 65536
FIDRES 0.000450
AQ 9.3564860 sec
RG 101
DM 81.000 L/sec
DE 5.00 L/sec
TE 300.0 K
D1 1.00000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 11.70 L/sec
PL1 0.00 dB
SFO1 299.8716016 MHz

F2 - Processing parameters
SI 32768
SF 299.8700000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D nmr plot parameters
CX 20.00 cm
FID 10.500 ppm
F1 31.00 cm
F2 -0.500 ppm
F3 -149.03 Hz
F4 50000 ppm/m
PCPDH 164.00000 Hz/cm

Current Data Parameters
NAME 57-11-3-1
EXPNO 2
PROCNO 1
F2 - Acquisition Parameters
Date_ 20040420
Time 22.25
INSTRUM spect
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 65536
TE 300.2
SOLVENT DMS-D
NS 240
DS 2
SWH 18796.302 Hz
FIDRES 0.268010 Hz
AQ 1.7430016 sec
RG 312
DM 28.500 uMHC
DE 6.00 uMHC
TE 300.2 K
Z1 2.00000000 sec
Z2 0.03000000 sec
Z3 0.00000000 sec
===== CHANNEL f1 =====
NUC1 13C
P1 5.40 uMHC
PL1 -5.00 dB
SFO1 75.4106357 MHz
===== CHANNEL f2 =====
EXPRES2 waltz16
NUC2 1H
PROBHD 1H/5 mm QNP
PL2 0.00 dB
PL3 0.00 dB
PL4 0.00 dB
PL5 0.00 dB
SFO2 299.871382 MHz
F2 - Processing parameters
SI 32768
SF 75.4623410 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40
F2 - Merged parameters
CH 20.00 cm
F1 200.000 MHz
F2 500.136 MHz
F3 -337.01 Hz
PRCH 10.000000 sec/cyc
NDC 791.72461 Hz/cyc

Current Data Parameters
NAME 59H-11-C-Mg
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20040505
Time 13.03
INSTRUM spect
PROBHD 5 mm BBI 5H-8
PULPROG zgpg
TD 65536
SOLVENT CDCl3
NS 7
DS 2
SWH 8070.145 Hz
FIDRES 0.126314 Hz
AQ 3.9954243 sec
RG 114
DN 60.400 uSAC
DC 8.00 uSAC
TE 300.2 K
D1 1.00000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 6.45 uSAC
PL1 0.00 dB
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 32768
SF 400.1300554 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 20.00 cm
FIP 10.500 ppm
F1 4201.37 Hz
F2 -2.500 ppm
F2 -200.07 Hz
PPIPCW 0.55000 ppm/cm
HSCW 220.07150 Hz/cm

Current Data Parameters
NAME: 5A-11-C-4a
EXPNO: 2
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20040508
Time: 22.20
INSTRUM: spect
PROBHD: 5 mm BBI 1H-8
PULPROG: zgpg30
PCPDPRG2: zgpg30
SOLVENT: CDCl3
NS: 3073
DS: 2
SWH: 25525.609 Hz
FIDRES: 0.300387 Hz
AQ: 1.3040164 sec
RG: 4096
SW: 10.1603488 Hz
ZG: 5.00488 Hz
F2: 300.13 K
D1: 2.00000000 sec
d11: 0.00000000 sec
d12: 0.00000000 sec

===== CHANNEL f1 =====
NUC1: 13C
P1: 16.20488 sec
PL1: -0.00 dB
SFO1: 100.6279600 MHz

===== CHANNEL f2 =====
DPRG2: zgpg30
NUC2: 1H
P2: 11.400488 sec
PL2: 0.00 dB
PL3: 24.00 dB
PL4: 24.00 dB
PL5: 24.00 dB
SFO2: 400.1436000 MHz

F2 - Processing parameters
SI: 32768
SF: 100.6177260 MHz
WDW: EM
SSB: 0
LB: 1.00 Hz
GB: 0
PC: 1.40

10 MHz list parameters
CX: 25.00 cm
F1P: 265.300 MHz
F1: 20025.81 Hz
F2P: -5.300 MHz
F2: -563.06 Hz
RMCN: 10.50000 ppm/cv
HSCN: 1056.43372 Hz/cv