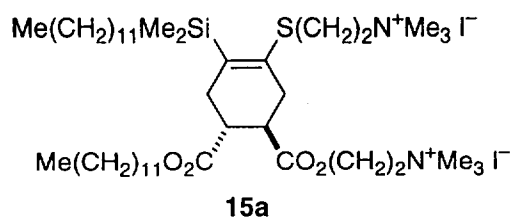
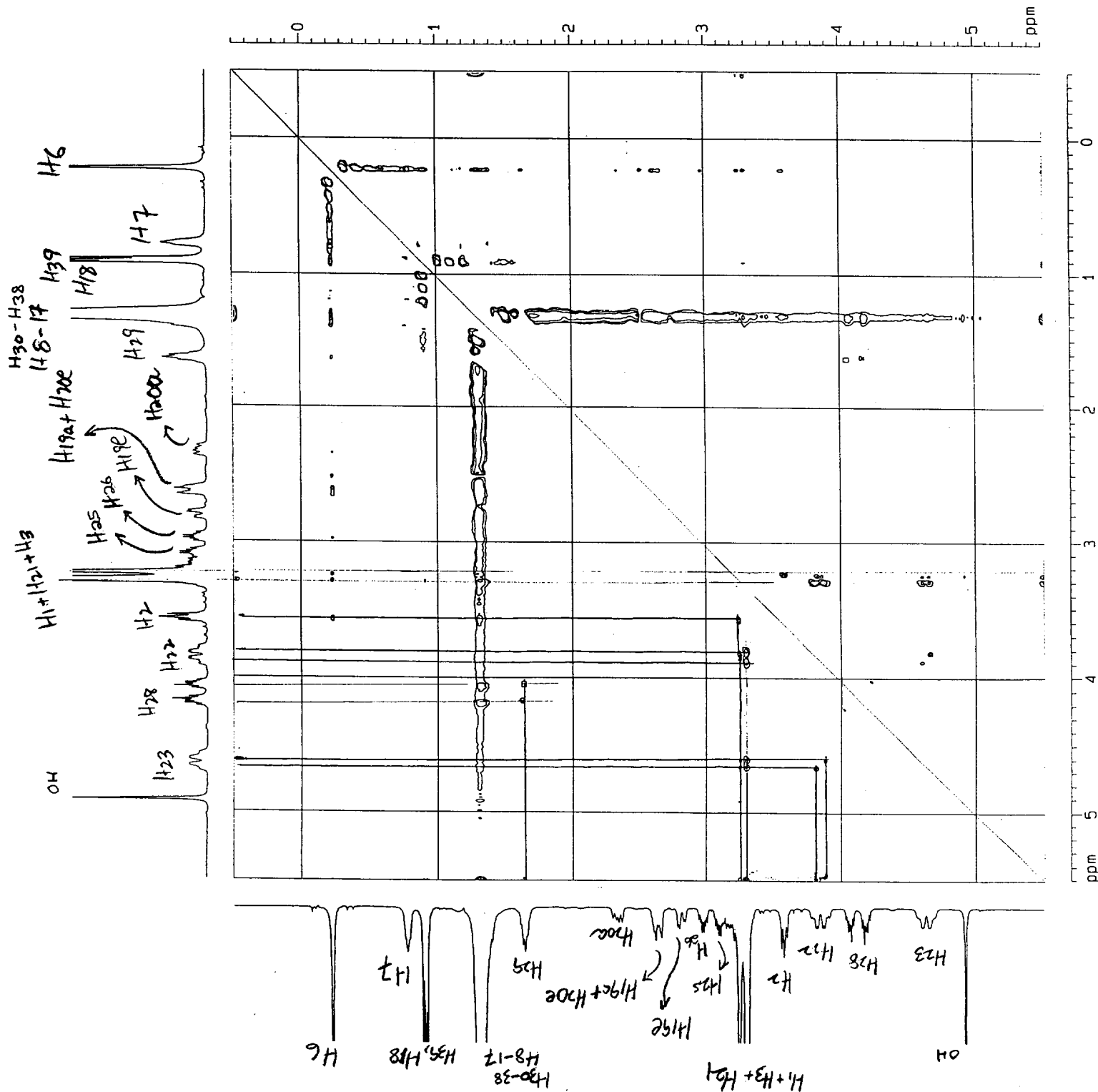


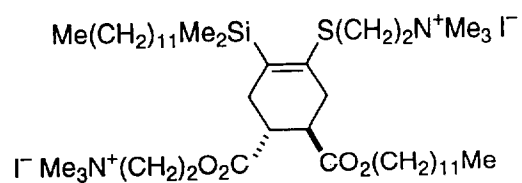
Next Page



^1H , ^1H ROESY NMR (400 Mz, CD_3OD ,
 CD_2HOD internal standard)



Next Page



16a

$^1\text{H}, ^1\text{H}$ COSY NMR (400 Mz, CDCl_3 ,
 Me_4Si internal standard)

Current Data Parameters
NAME AZ1175
EXPNO 2
PROCNO 1

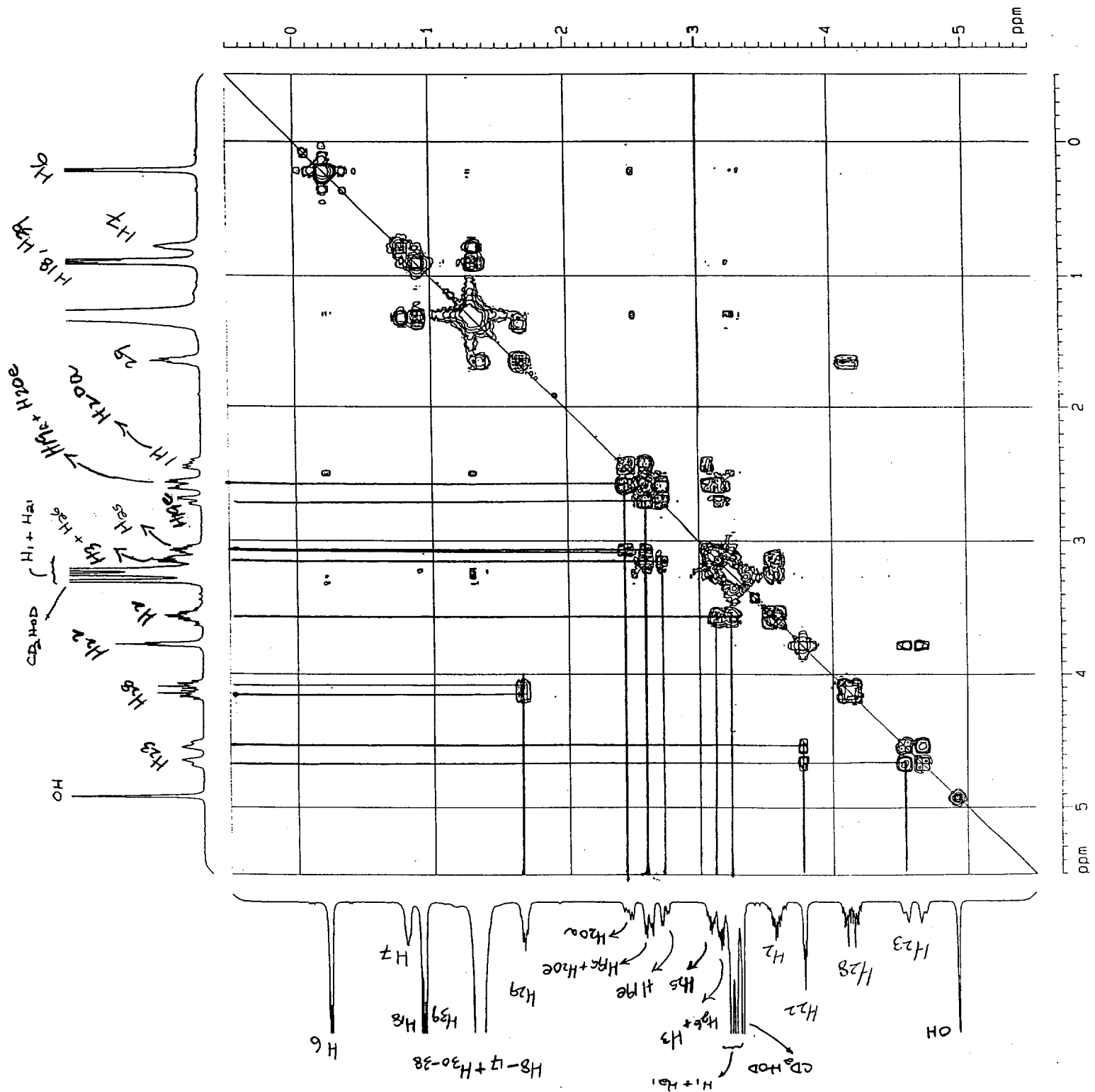
F2 - Acquisition Parameters
Date_ 9/12/00
Time 10:15
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT H₂O
NS 2
DS 8
SWH 2403.846 MHz
FIDRES 2.347556 MHz
AQ 0.213020 sec
RG 209.000 usec
DE 6.00 usec
TE 300.0 K
D0 0.0000000 sec
D13 0.0000000 sec
D1 3.0000000 sec
P1 11.20 usec
SFO1 400.131075 MHz
NUC1 1H
PL1 0.00 dB
PL13 1000.00 usec
GP1 0.00 %
GP13 0.00 %
GP11 10.00 %
GP12 10.00 %
OP11 10.00 %
OP12 10.00 %
D16 0.0000000 sec
PO 11.20 usec
PR 0.00 %
PT2 0.00 %
PT12 10.00 %
OP12 10.00 %
SFO2 400.131075 MHz
TNO 0.0004600 sec

F1 - Acquisition Parameters
AQ 209.000 usec
TO 256
SFO1 400.131 MHz
FIDRES 8.360034 Hz
SV 6.008 ppm

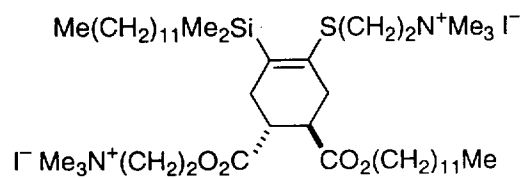
F2 - Processing Parameters
SI 512
SF 400.1300076 MHz
WDW SINE
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

F1 - Processing Parameters
SI 512
SF 400.1300076 MHz
WDW SINE
SSB 0
LB 0.00 Hz
GB 0

2D NMR plot parameters
C12 15.00 cm
CX1 15.00 cm
F2L0 5.504 ppm
F2L1 2202.25 Hz
F2PH1 -0.504 ppm
F2PH2 -201.60 Hz
F1L0 5.504 ppm
F1L1 2202.22 Hz
F1PH1 -201.62 Hz
F2PH2 0.40051 ppm/c
F2PH3 180.25641 Hz/c
F1PH2 0.40051 ppm/c
F1PH3 180.25641 Hz/c



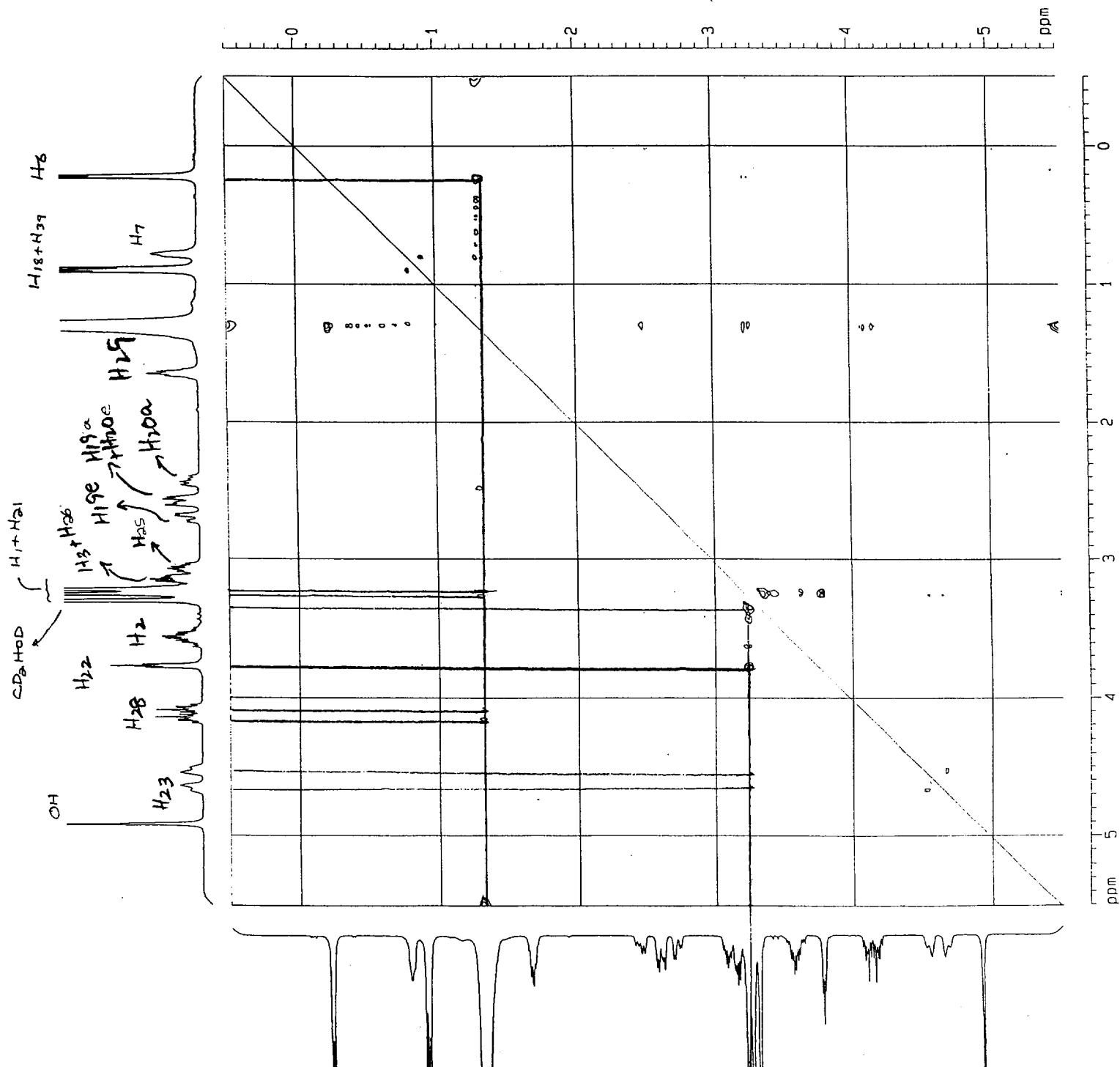
Next Page



16a

¹H, ¹H ROESY NMR (400 Mz, CD₃OD, CD₂HOD internal standard)

S49



Current Data Parameters
NAME AZ1175
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters
Date_ 981208
Time 11.01
INSTRUM spect
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 1024
SOLVENT DMSO
NS 8
DS 8
SWH 2403.846 Hz
FIDRES 2.347506 Hz
AQ 0.2130420 sec
RG 382
DQ 208.000 usec
DE 6.00 usec
TE 300.0 K
AQ 0.0000330 sec
D12 0.0002000 sec
D1 2.0000000 sec
PL1 -6.00 dB
P1 11.30 usec
SF01 400.1310079 MHz
NUC1 1H
PL11 15.00 dB
P15 250000.00 usec
P15 0.00020800 sec
TWO

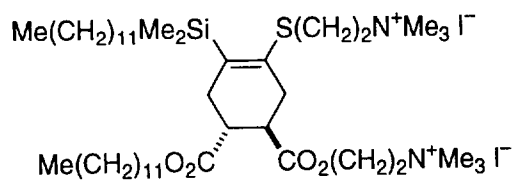
F1 - Acquisition Parameters
AQ 2
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SF01 400.131 MHz
FIDRES 9.3590024 Hz
SW 6.008 ppm

F2 - Processing parameters
SI 512
SF 400.1300064 MHz
WDW SINE
SSB 2
LB 0.00 Hz
GB 0
PC 1.00

F1 - Processing parameters
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NC2 1
PP1
SF 400.1300064 MHz
WDW SINE
SSB 2
LB 0.00 Hz
GB 0

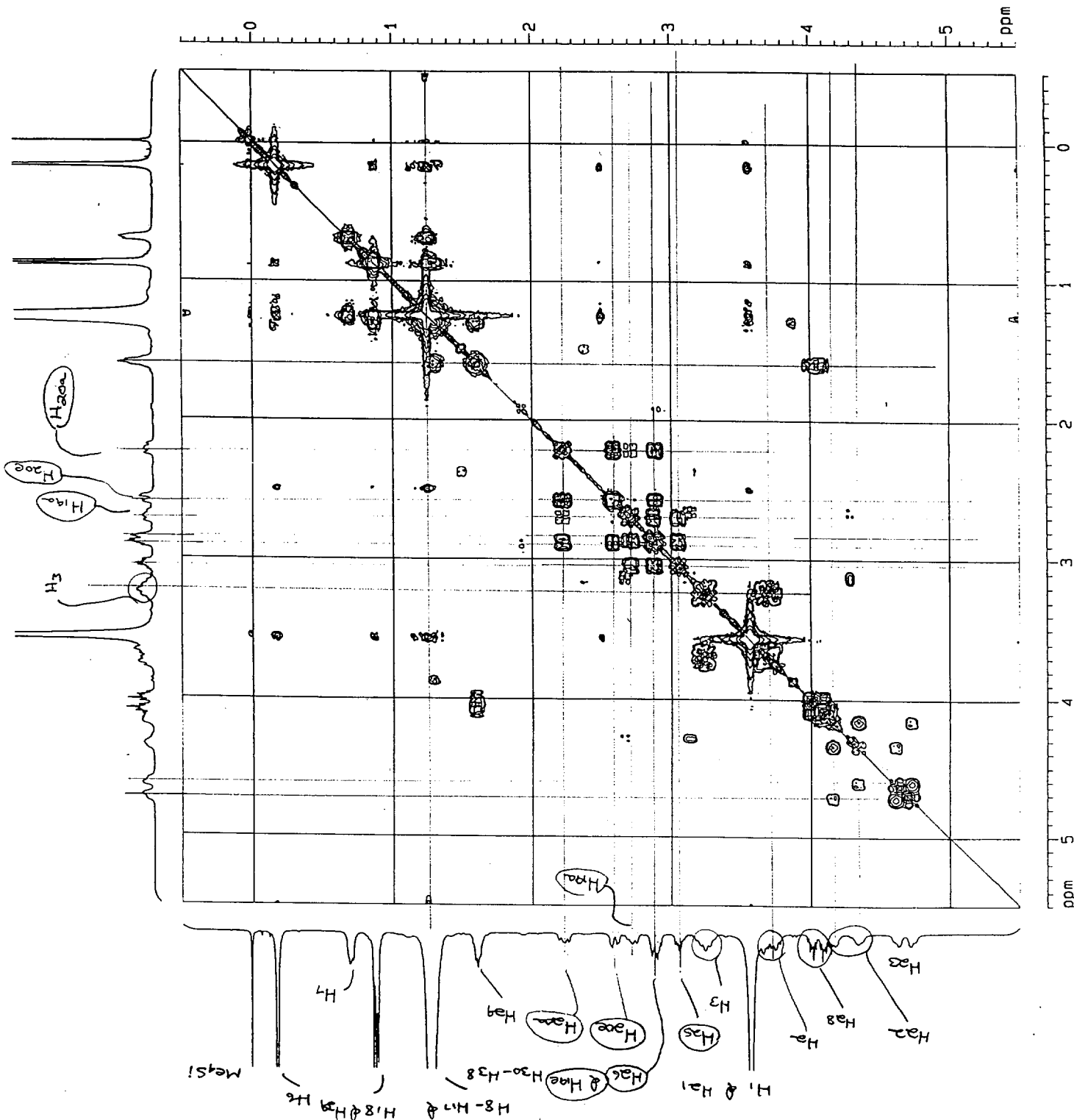
2D NMR plot parameters
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CX1 15.00 cm
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F2L0 2203.42 Hz
F2PH1 -0.501 ppm
F2H1 -200.42 Hz
F1PL0 5.507 ppm
F1L0 2203.42 Hz
F1PH1 -0.501 ppm
F1H1 -200.42 Hz
F2PPH0 0.40051 ppm/cm
F2PH0 160.25641 Hz/cm
F1PPH0 0.40051 ppm/cm
F1PH0 160.25641 Hz/cm

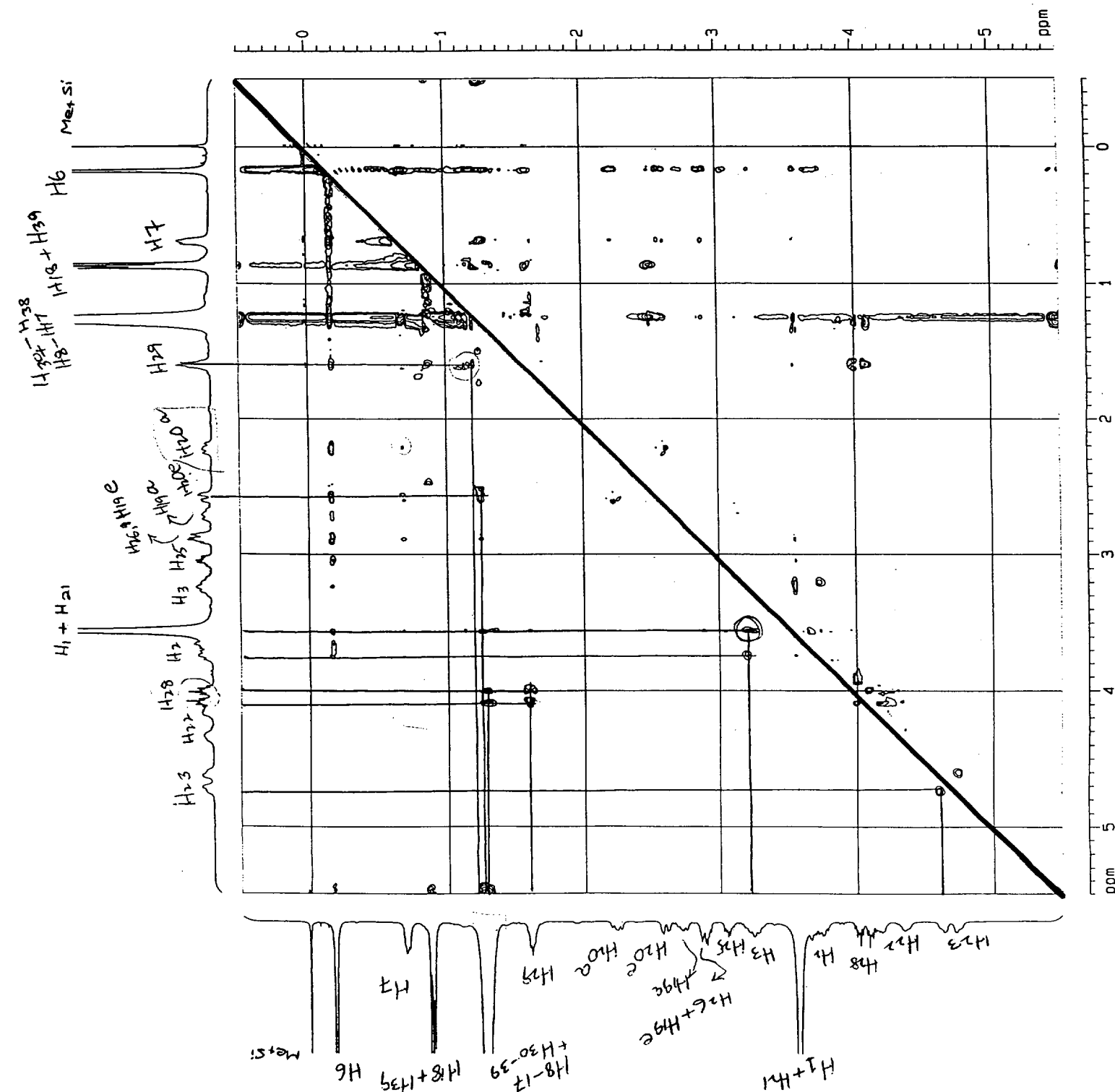
Next Page



15a

¹H, ¹H COSY NMR (400 Mz, CDCl₃,
Me₄Si internal standard)

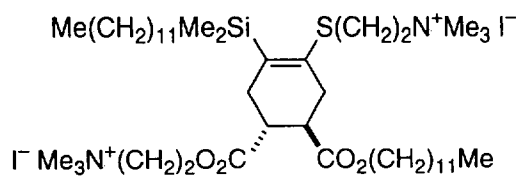




Current Data Parameters

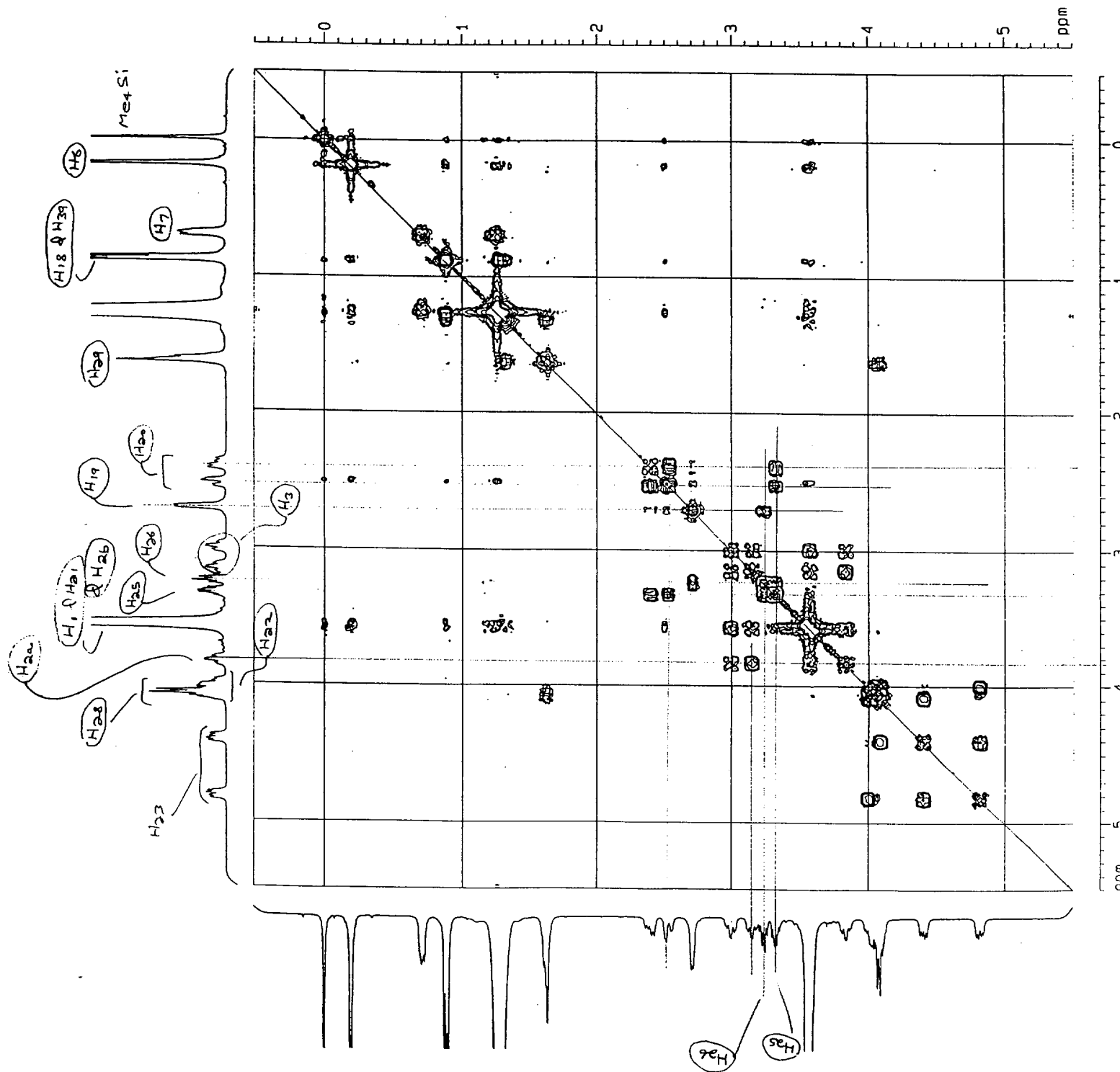
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PROCNO	1
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SWH	16000.000 MHz
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PI	1.00
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PS	1.00
PT	1.00
PV	1.00
PW	1.00
PX	1.00
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QC	1.00
QD	1.00
QE	1.00
QF	1.00
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QH	1.00
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QM	1.00
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QO	1.00
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QR	1.00
QS	1.00
QT	1.00
QU	1.00
QV	1.00
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QX	1.00
QY	1.00
QZ	1.00
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XC	1.00
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YC	1.00
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YG	1.00
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YJ	1.00
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YY	1.00
YZ	1.00
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ZR	1.00
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ZT	1.00
ZU	1.00
ZV	1.00
ZW	1.00
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ZY	1.00
ZZ	1.00

Next Page



16a

$^1\text{H}, ^1\text{H}$ COSY NMR (400 Mz, CD_3OD ,
 CD_2HOD internal standard)



¹H, ¹H ROESY NMR (400 Mz, CDCl₃, Me₄Si internal standard)