Supplementary data for article:

Krstić, N. M.; Pavlović, V. D.; Novaković, I. T.; Matić, I. Z.; Sladić, D. Synthesis, Characterization and Biological Evaluation of Some Novel P-Heterocyclic Androst-4-Ene Derivatives. *Molecular Diversity* **2013**, *17* (3), 547–561. https://doi.org/10.1007/s11030-013-9455-9

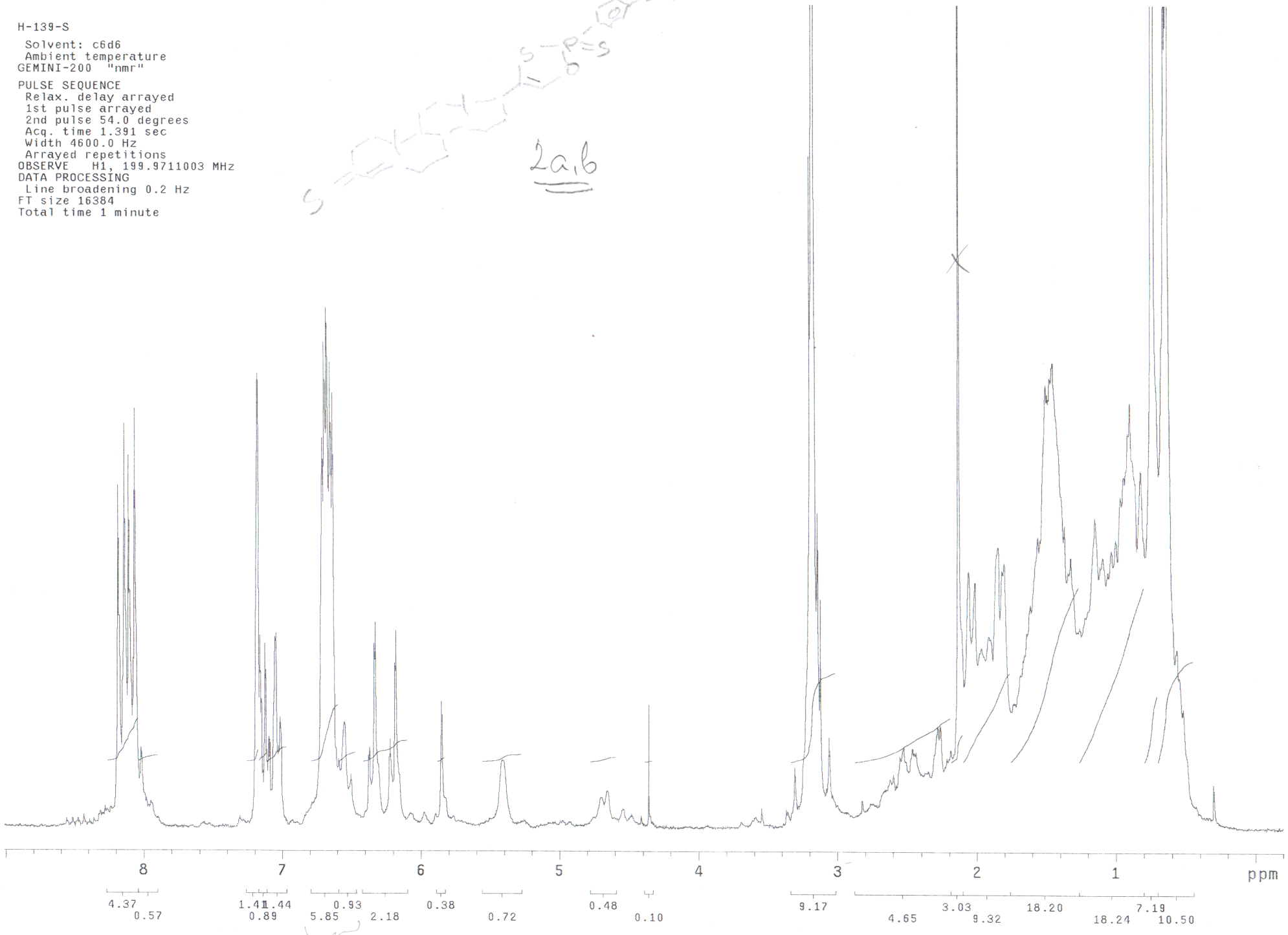
H-139-S

Solvent: c6d6
Ambient temperature
GEMINI-200 "nmr"

PULSE SEQUENCE
Relax. delay arrayed
1st pulse arrayed
2nd pulse 54.0 degrees
Acq. time 1.391 sec
Width 4600.0 Hz
Arrayed repetitions
OBSERVE H1, 199.9711003 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 16384
Total time 1 minute



2a,b




4.94

6.78

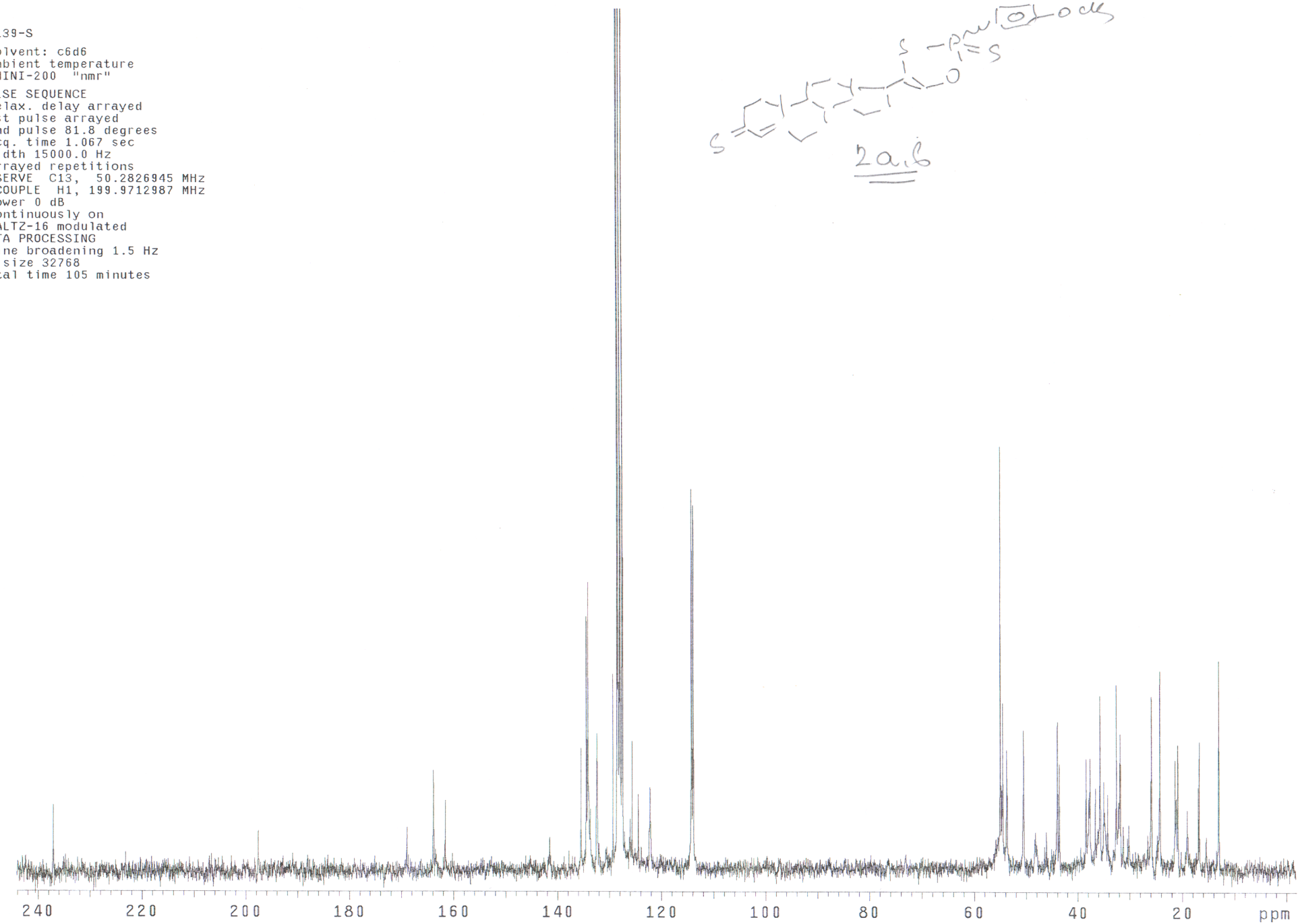
H-139-S

Solvent: c6d6
Ambient temperature
GEMINI-200 "nmr"

PULSE SEQUENCE
Relax. delay arrayed
1st pulse arrayed
2nd pulse 81.8 degrees
Acq. time 1.067 sec
Width 15000.0 Hz
Arrayed repetitions
OBSERVE C13, 50.2826945 MHz
DECOUPLE H1, 199.9712987 MHz
Power 0 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.5 Hz
FT size 32768
Total time 105 minutes



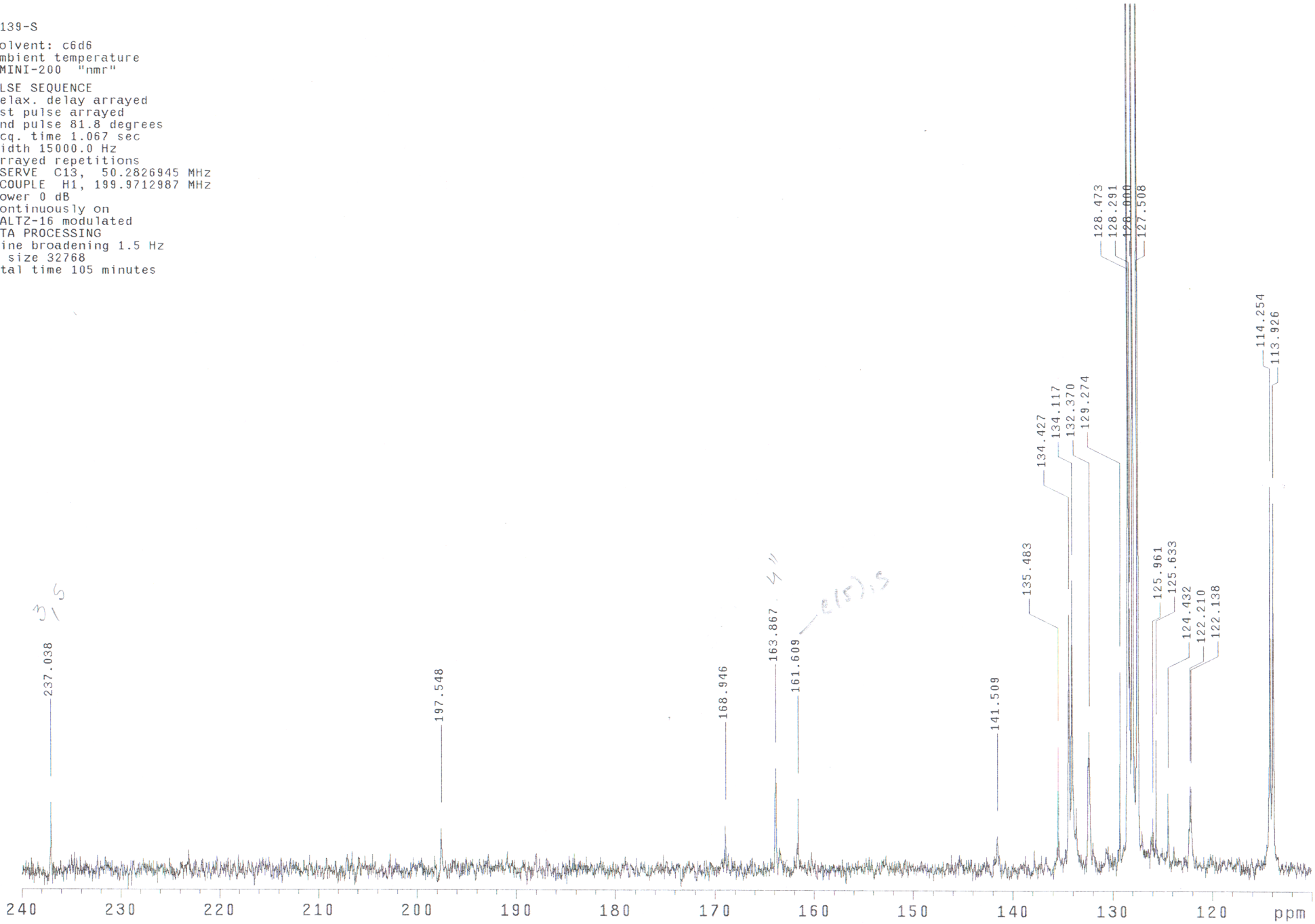
2a,b



H-139-S

Solvent: c6d6
Ambient temperature
GEMINI-200 "nmr"

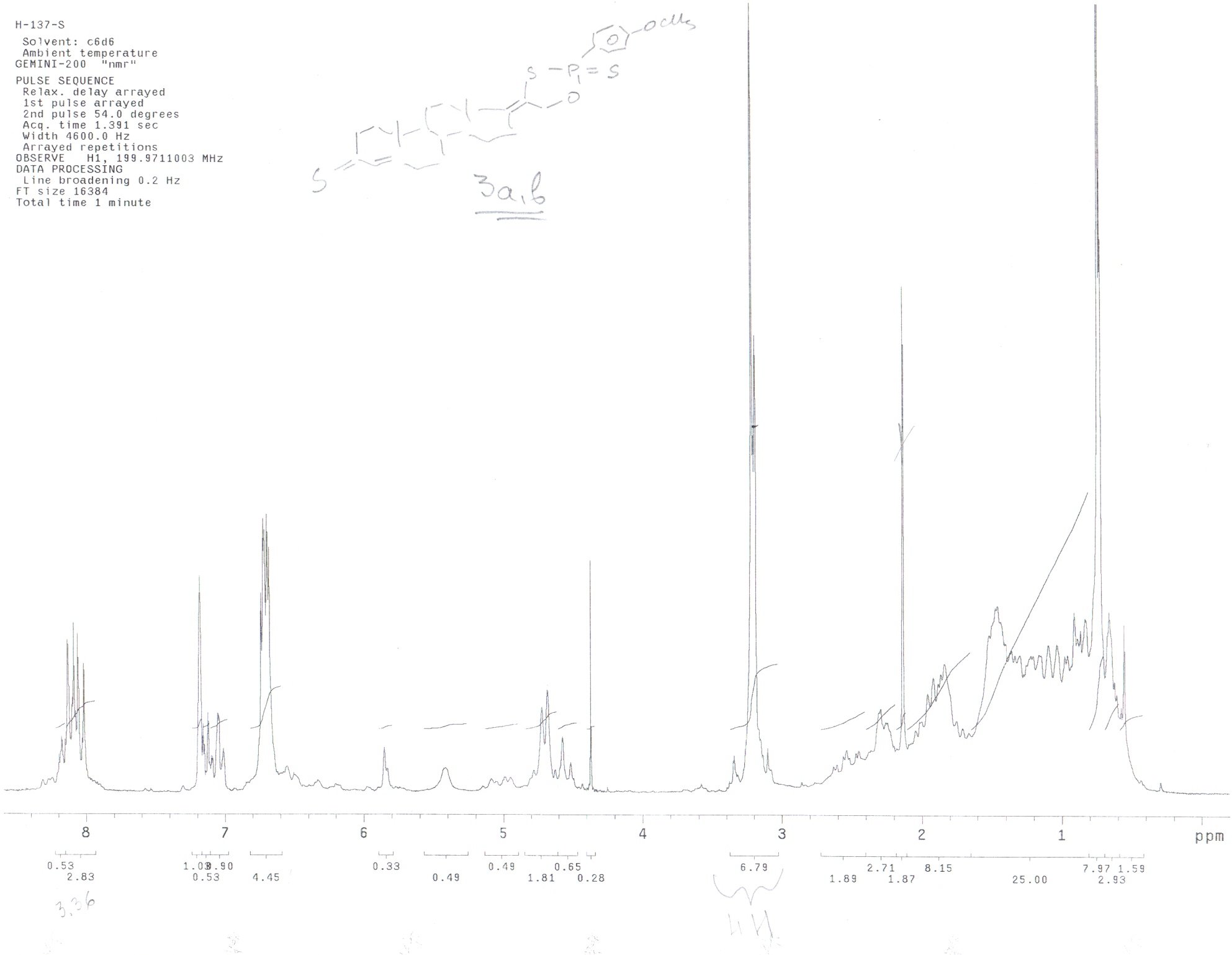
PULSE SEQUENCE
Relax. delay arrayed
1st pulse arrayed
2nd pulse 81.8 degrees
Acq. time 1.067 sec
Width 15000.0 Hz
Arrayed repetitions
OBSERVE C13, 50.2826945 MHz
DECOUPLE H1, 199.9712987 MHz
Power 0 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.5 Hz
FT size 32768
Total time 105 minutes



H-137-S

Solvent: c6d6
Ambient temperature
GEMINI-200 "nmr"

PULSE SEQUENCE
Relax. delay arrayed
1st pulse arrayed
2nd pulse 54.0 degrees
Acq. time 1.391 sec
Width 4600.0 Hz
Arrayed repetitions
OBSERVE H1, 199.9711003 MHz
DATA PROCESSING
Line broadening 0.2 Hz
FT size 16384
Total time 1 minute



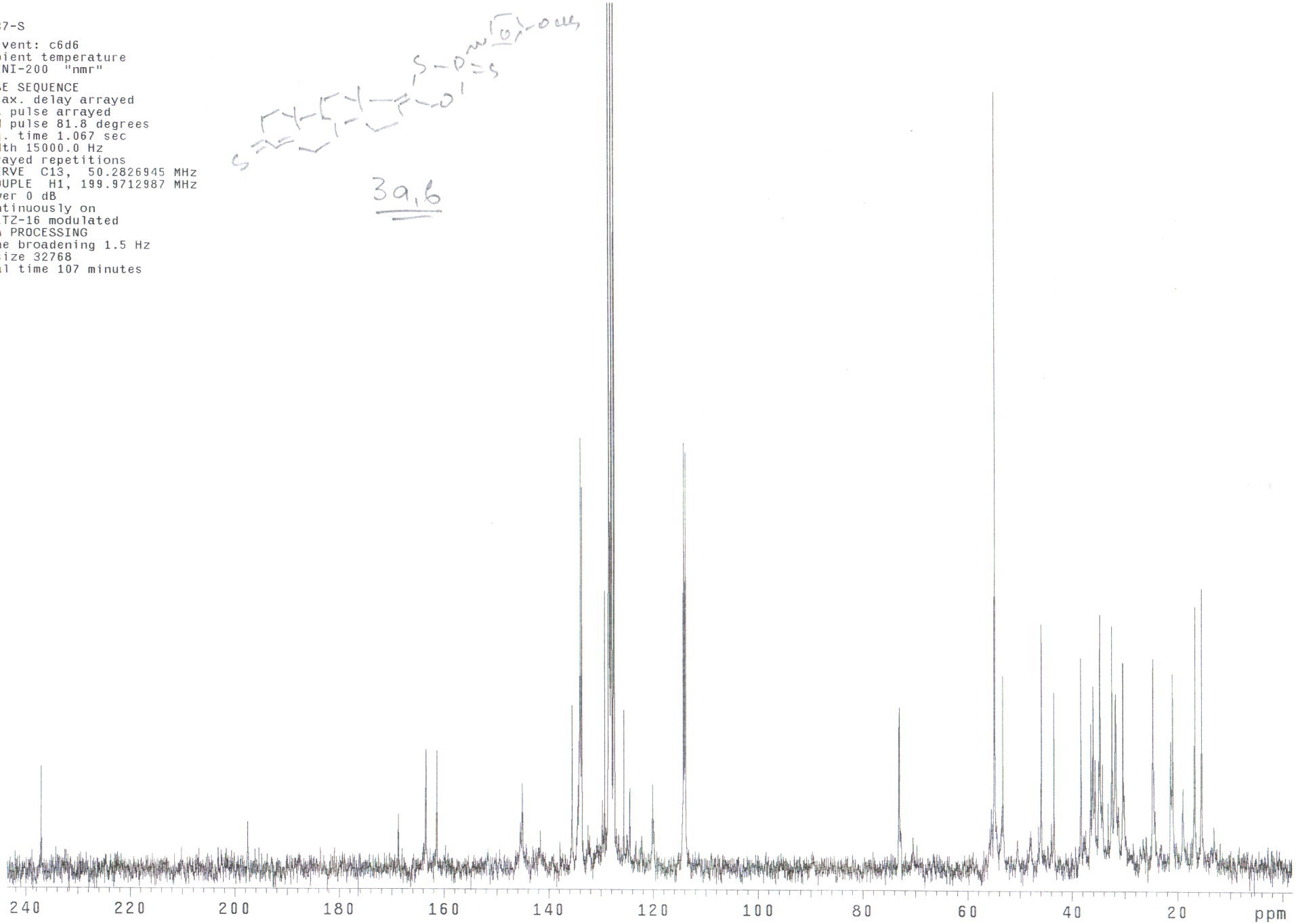
H-137-S

Solvent: c6d6
Ambient temperature
GEMINI-200 "nmr"

PULSE SEQUENCE
Relax. delay arrayed
1st pulse arrayed
2nd pulse 81.8 degrees
Acq. time 1.067 sec
Width 15000.0 Hz
Arrayed repetitions
OBSERVE C13, 50.2826945 MHz
DECOUPLE H1, 199.9712987 MHz
Power 0 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.5 Hz
FT size 32768
Total time 107 minutes



3a,b



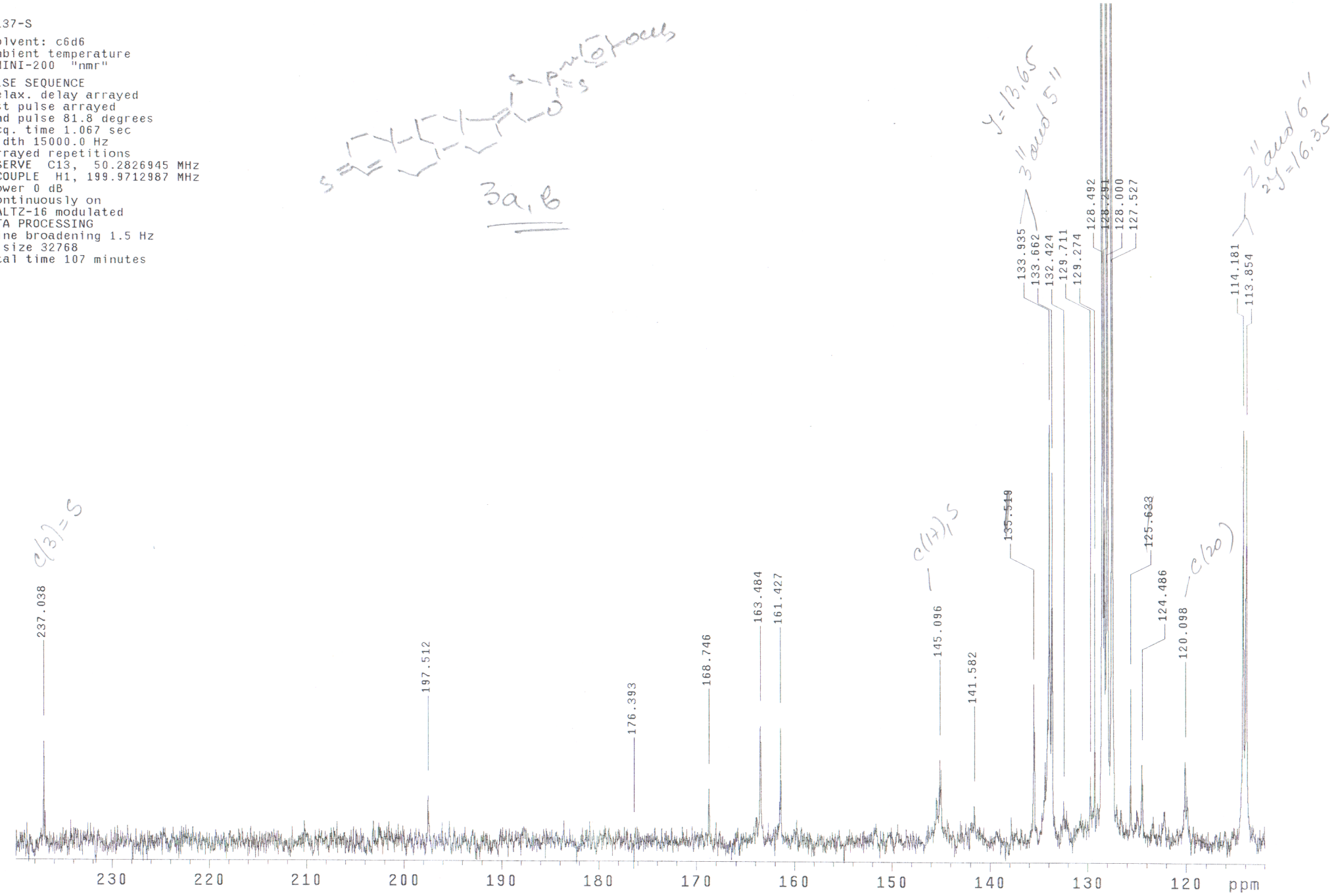
H-137-S

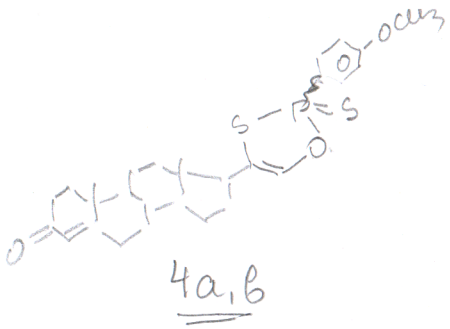
Solvent: c6d6
Ambient temperature
GEMINI-200 "nmr"

PULSE SEQUENCE
Relax. delay arrayed
1st pulse arrayed
2nd pulse 81.8 degrees
Acq. time 1.067 sec
Width 15000.0 Hz
Arrayed repetitions
OBSERVE C13, 50.2826945 MHz
DECOUPLE H1, 199.9712987 MHz
Power 0 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.5 Hz
FT size 32768
Total time 107 minutes

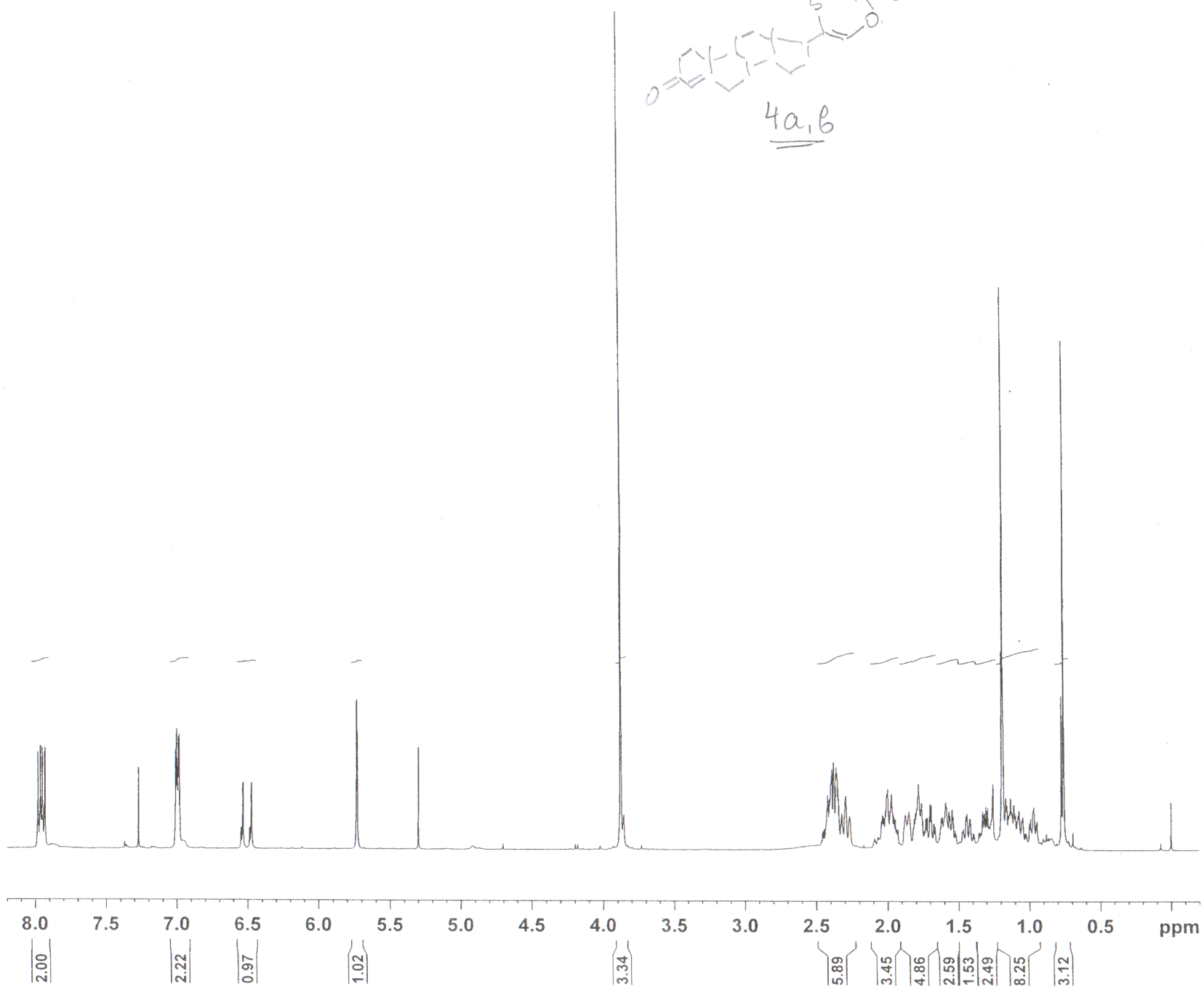


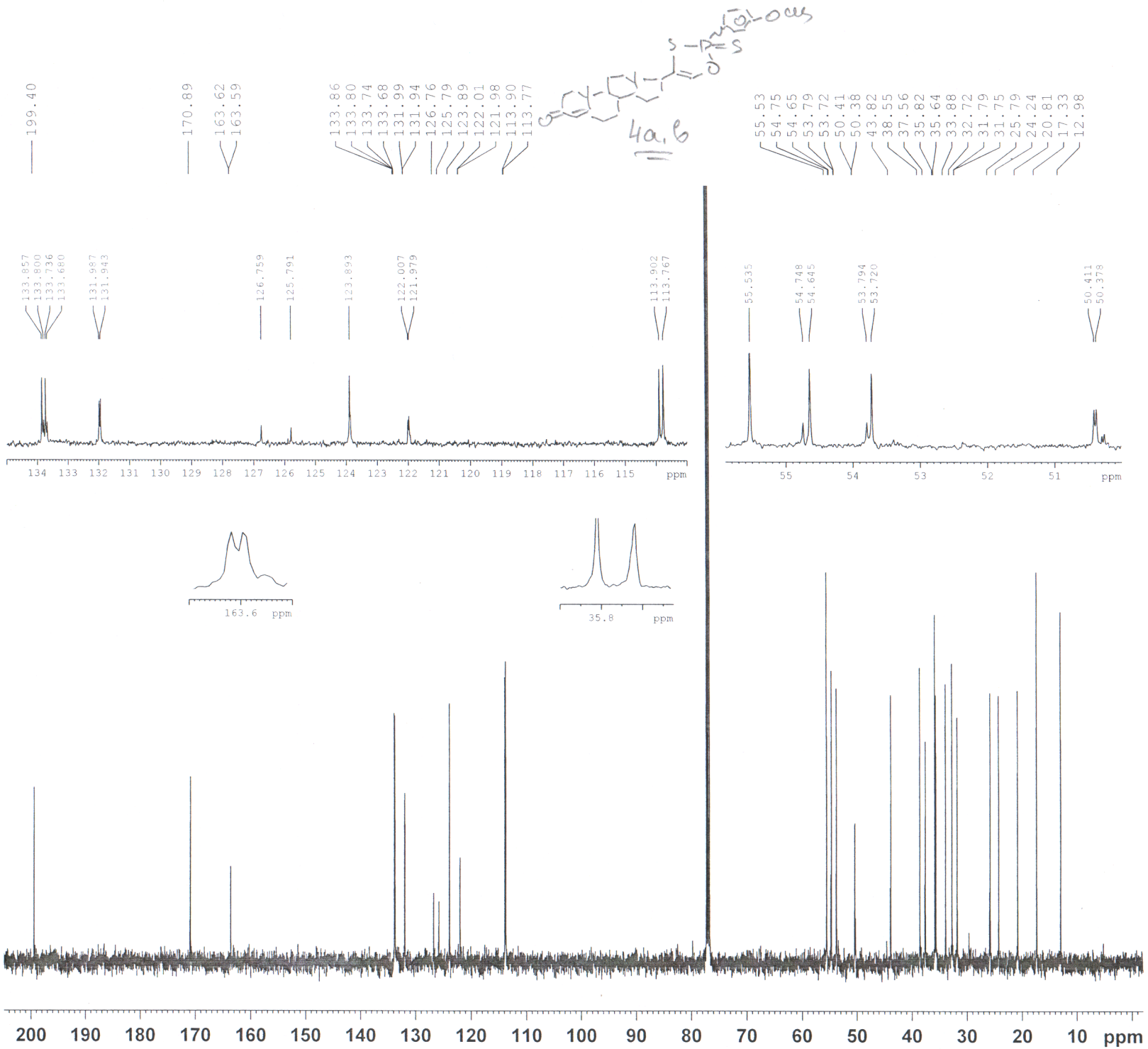
3a, 6





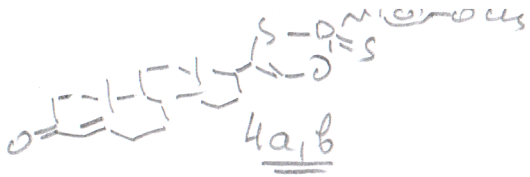

| | |
|---|---|
| NAME | H-139 |
| EXPNO | 1 |
| PROCNO | 1 |
| Date_ | 20110418 |
| Time | 11.11 |
| INSTRUM | spect |
| PROBHD | 5 mm BBO BB-1H |
| PULPROG | zg30 |
| TD | 32768 |
| SOLVENT | CDCl3 |
| NS | 16 |
| DS | 0 |
| SWH | 4882.813 Hz |
| FIDRES | 0.149012 Hz |
| AQ | 3.3554933 sec |
| RG | 57 |
| DW | 102.400 usec |
| DE | 6.50 usec |
| TE | 298.0 K |
| D1 | 2.00000000 sec |
| TD0 | 1 |
| ======== CHANNEL f1 ======== | |
| NUC1 | 1H |
| P1 | 9.35 usec |
| PL1 | 0.00 dB |
| PL1W | 27.37956238 W |
| SFO1 | 500.2620692 MHz |
| SI | 32768 |
| SF | 500.2600090 MHz |
| WDW | EM |
| SSB | 0 |
| LB | 0.20 Hz |
| GB | 0 |
| PC | 1.00 |



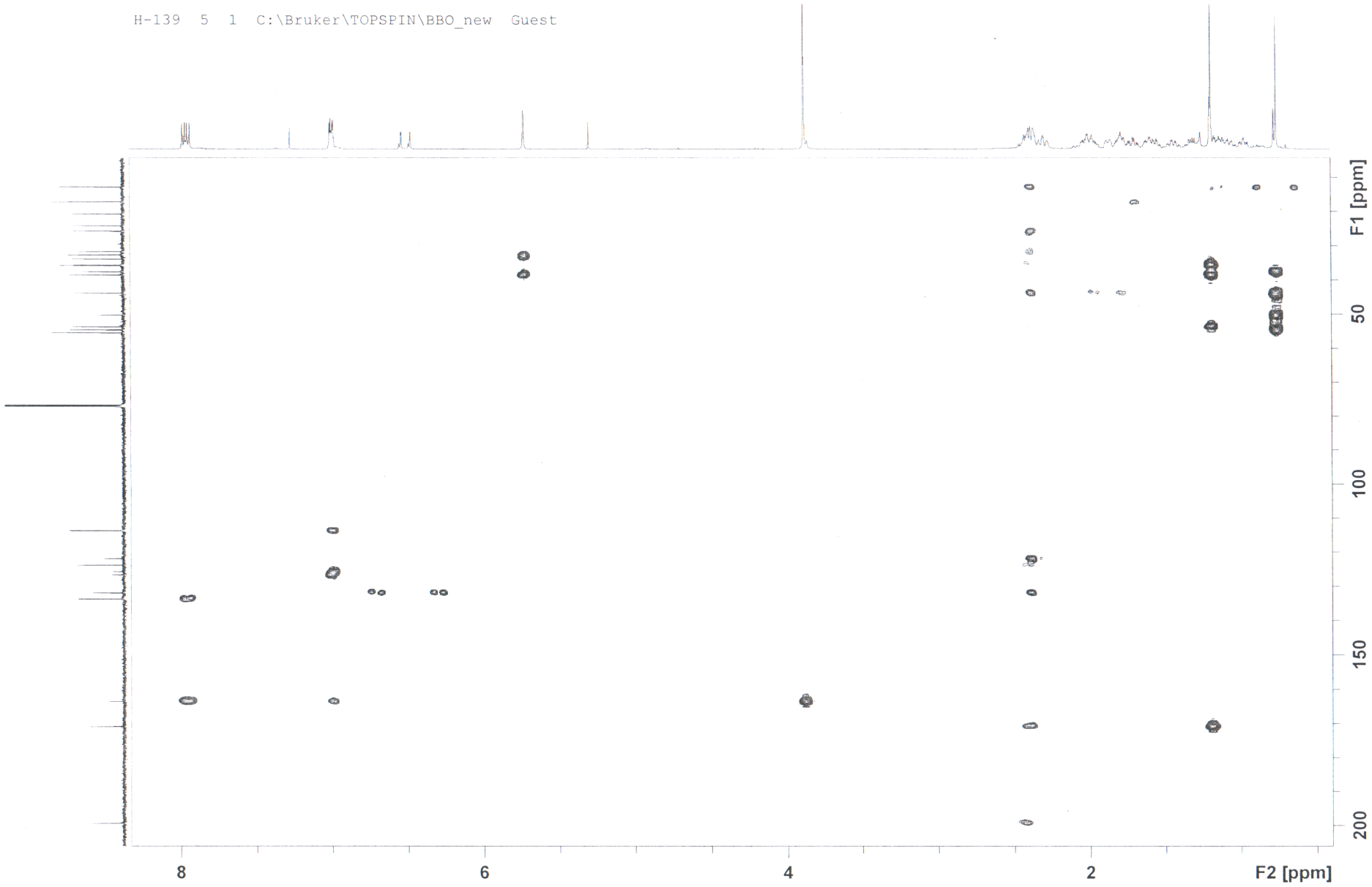



| | |
|---|---|
| NAME | H-139 |
| EXPNO | 2 |
| PROCNO | 1 |
| Date_ | 20110418 |
| Time | 11.24 |
| INSTRUM | spect |
| PROBHD | 5 mm BBO BB-1H |
| PULPROG | zgpg30 |
| TD | 32768 |
| SOLVENT | CDCl3 |
| NS | 265 |
| DS | 4 |
| SWH | 29761.904 Hz |
| FIDRES | 0.908261 Hz |
| AQ | 0.5505524 sec |
| RG | 1030 |
| DW | 16.800 usec |
| DE | 6.50 usec |
| TE | 298.0 K |
| D1 | 2.00000000 sec |
| D11 | 0.03000000 sec |
| TD0 | 1 |
| ======== CHANNEL f1 ======== | |
| NUC1 | 13C |
| P1 | 11.50 usec |
| PL1 | 3.00 dB |
| PL1W | 32.22848892 W |
| SFO1 | 125.8043140 MHz |
| ======== CHANNEL f2 ======== | |
| CPDPRG2 | waltz16 |
| NUC2 | 1H |
| PCPD2 | 80.00 usec |
| PL2 | 1.20 dB |
| PL12 | 18.40 dB |
| PL13 | 18.40 dB |
| PL2W | 20.76952171 W |
| PL12W | 0.39575511 W |
| PL13W | 0.39575511 W |
| SFO2 | 500.2620691 MHz |
| SI | 32768 |
| SF | 125.7904858 MHz |
| WDW | EM |
| SSB | 0 |
| LB | 1.50 Hz |
| GB | 0 |
| PC | 1.40 |

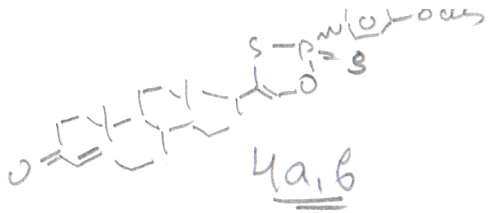
HMBC



4a,b

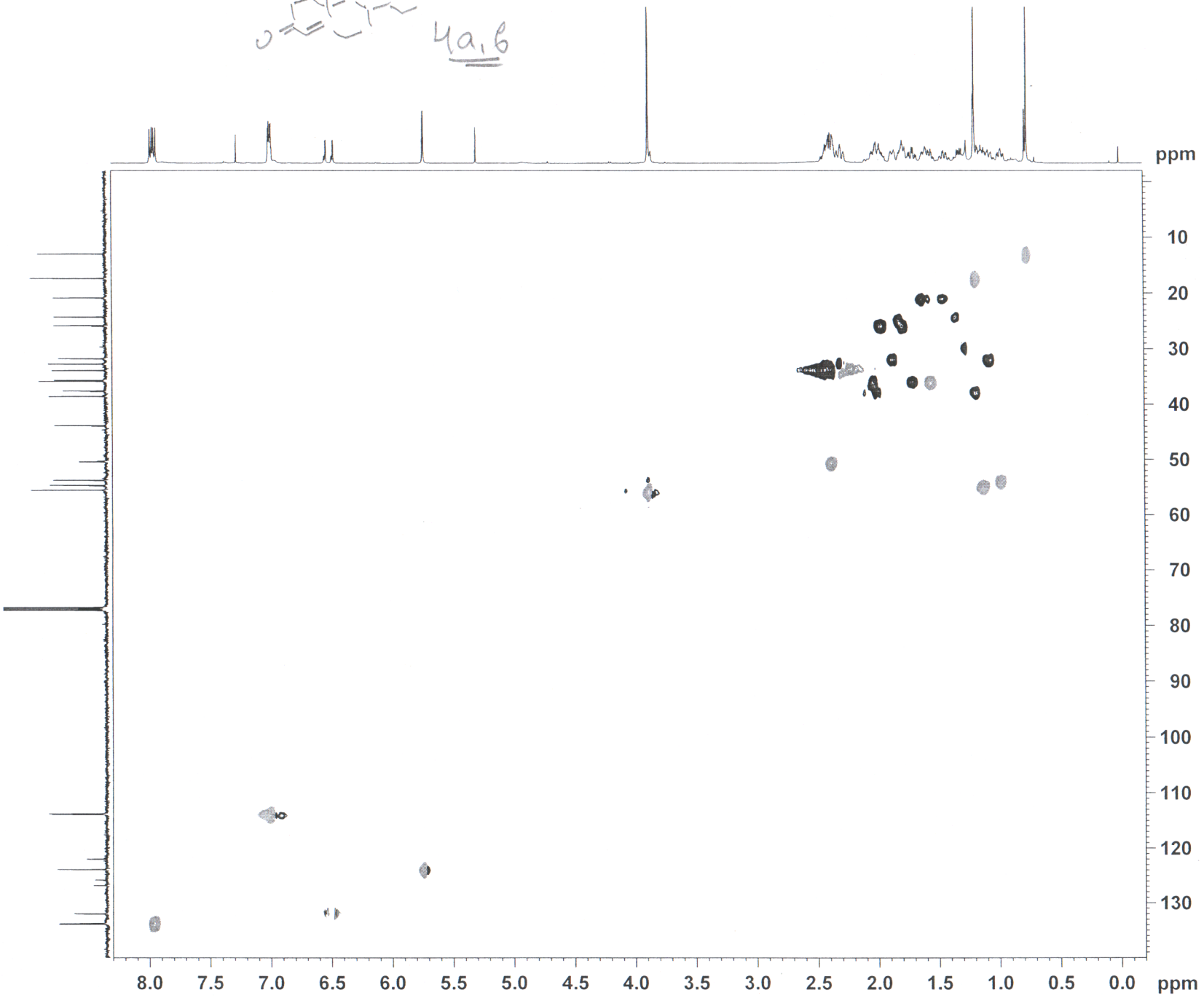

H-139 5 1 C:\Bruker\TOPSPIN\BBO_new Guest
F1 [ppm]
50
100
150
200
8
6
4
2
F2 [ppm]

HSQC



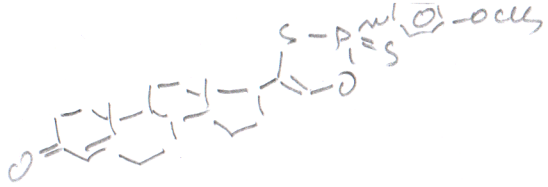
4a,b

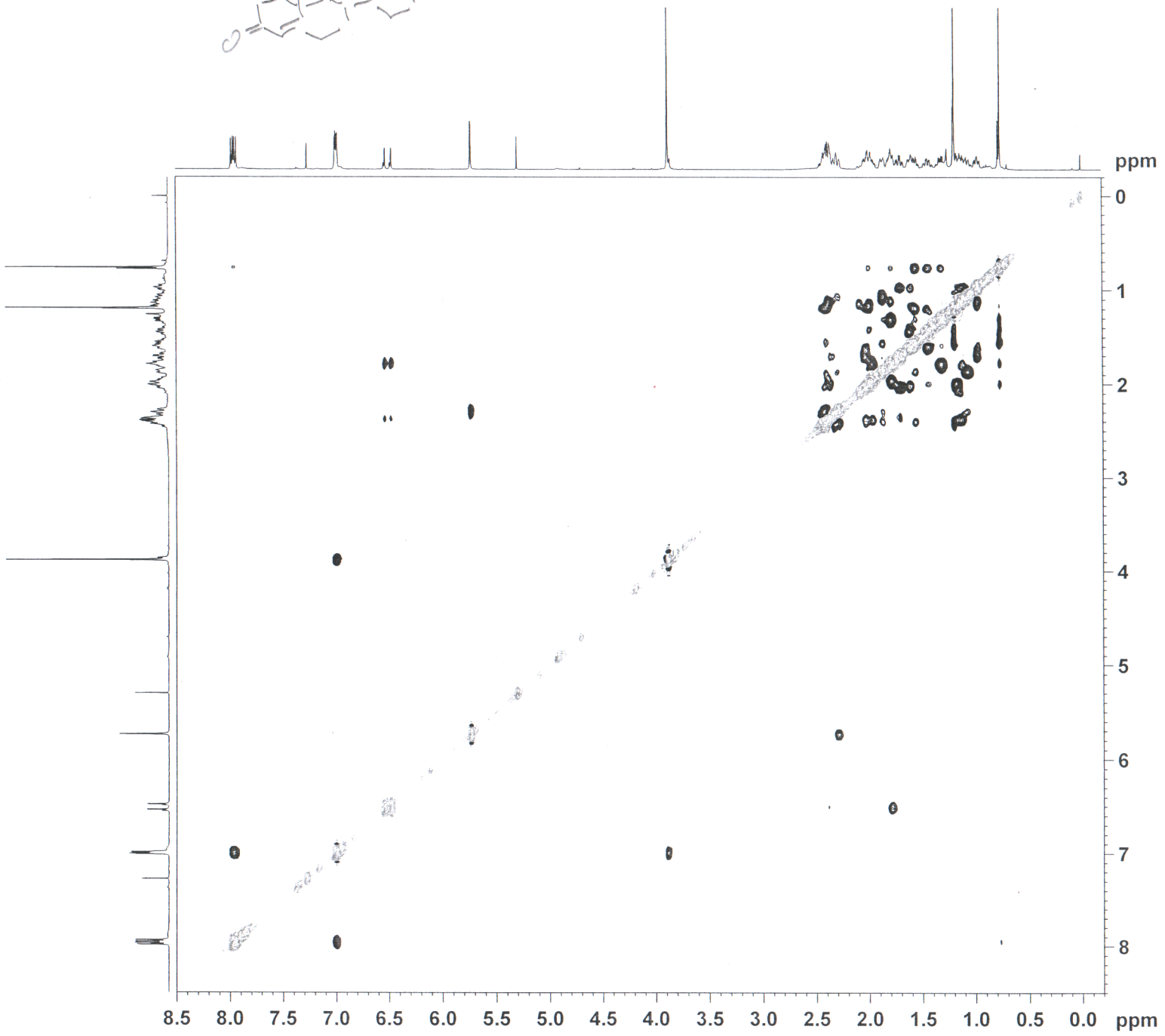
HSQC




| | |
|---|---|
| NAME | H-139 |
| EXPNO | 4 |
| PROCNO | 1 |
| Date_ | 20110418 |
| Time | 11.37 |
| INSTRUM | spect |
| PROBHD | 5 mm BBO BB-1H |
| PULPROG | hsqcedgpph |
| TD | 1024 |
| SOLVENT | CDCl3 |
| NS | 4 |
| DS | 16 |
| SWH | 4882.813 Hz |
| FIDRES | 4.768372 Hz |
| AQ | 0.1049076 sec |
| RG | 2050 |
| DW | 102.400 usec |
| DE | 6.50 usec |
| TE | 298.0 K |
| CNST2 | 145.0000000 |
| D0 | 0.00000300 sec |
| D1 | 2.00000000 sec |
| D4 | 0.00172414 sec |
| D11 | 0.03000000 sec |
| D13 | 0.00000400 sec |
| D16 | 0.00020000 sec |
| D21 | 0.00384615 sec |
| IN0 | 0.00001805 sec |
| ======== CHANNEL f1 ======== | |
| NUC1 | 1H |
| P1 | 9.35 usec |
| P2 | 18.70 usec |
| PL1 | 0.00 dB |
| PL1W | 27.37956238 W |
| SFO1 | 500.2620691 MHz |
| ======== CHANNEL f2 ======== | |
| CPDPRG2 | garp |
| NUC2 | 13C |
| P3 | 11.50 usec |
| P4 | 23.00 usec |
| PCPD2 | 70.00 usec |
| PL2 | 3.00 dB |
| PL12 | 18.00 dB |
| PL2W | 32.22848892 W |
| PL12W | 1.01915431 W |
| SFO2 | 125.8030560 MHz |
| ====== GRADIENT CHANNEL ===== | |
| GPNAM1 | SINE.100 |
| GPNAM2 | SINE.100 |
| GPNAM3 | SINE.100 |
| GPZ1 | 30.00 % |
| GPZ2 | 80.00 % |
| GPZ3 | 20.10 % |
| P16 | 1000.00 usec |
| ND0 | 2 |
| TD | 128 |
| SFO1 | 125.8031 MHz |
| FIDRES | 216.223999 Hz |
| SW | 220.000 ppm |
| FnMODE | States-TPPI |
| SI | 1024 |
| SF | 500.2600059 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |
| PC | 1.40 |
| SI | 1024 |
| MC2 | States-TPPI |
| SF | 125.7904528 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |

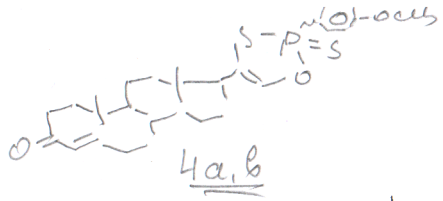
NOESY



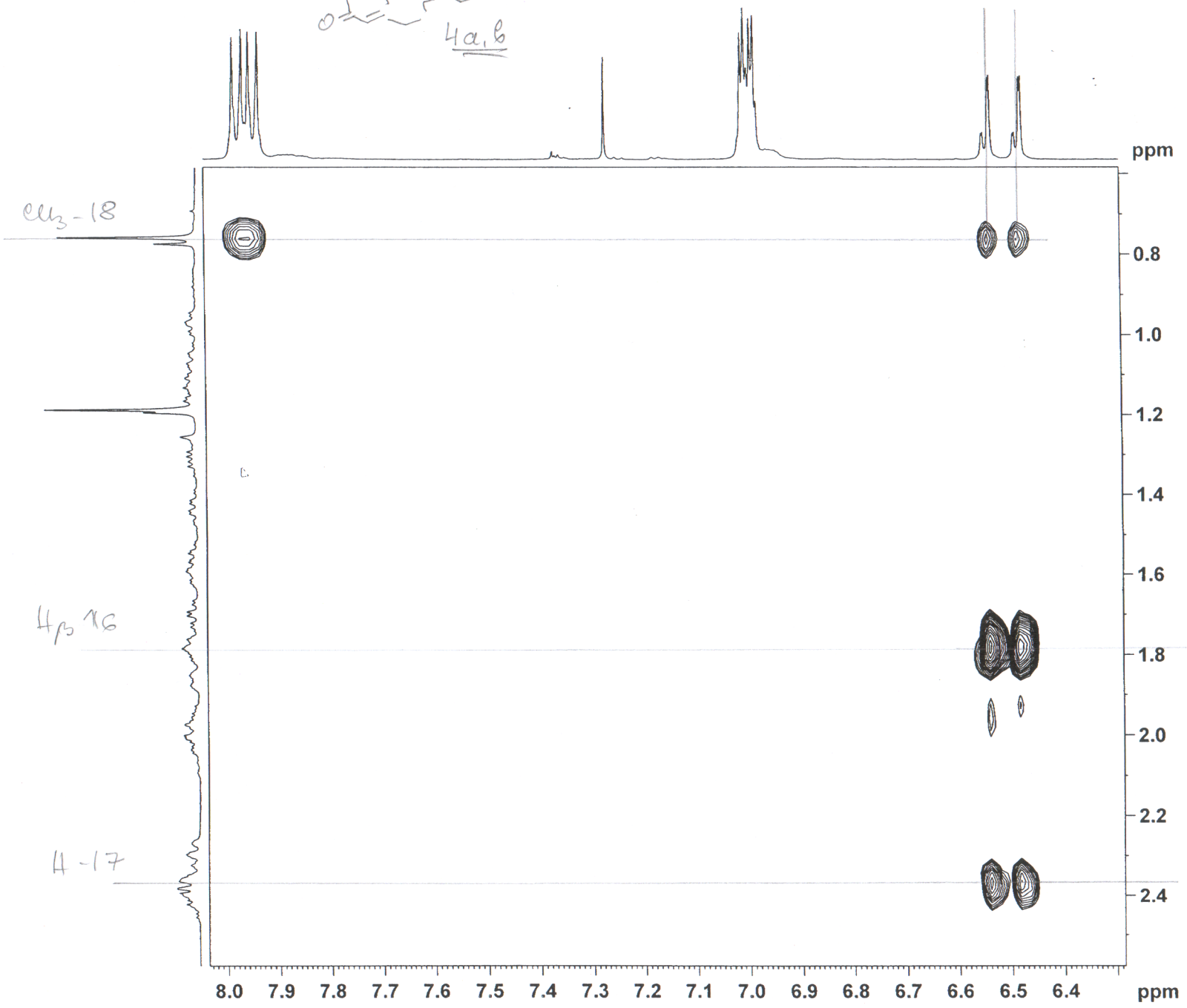



| | |
|---|---|
| NAME | H-139 |
| EXPNO | 6 |
| PROCNO | 1 |
| Date_ | 20110418 |
| Time | 12.30 |
| INSTRUM | spect |
| PROBHD | 5 mm BBO BB-1H |
| PULPROG | noesyph |
| TD | 1024 |
| SOLVENT | CDCl3 |
| NS | 8 |
| DS | 16 |
| SWH | 4882.813 Hz |
| FIDRES | 4.768372 Hz |
| AQ | 0.1049076 sec |
| RG | 40.3 |
| DW | 102.400 usec |
| DE | 6.50 usec |
| TE | 298.0 K |
| D0 | 0.00009050 sec |
| D1 | 2.00000000 sec |
| D8 | 1.00000000 sec |
| IN0 | 0.00020480 sec |
| ======== CHANNEL f1 ======== | |
| NUC1 | 1H |
| P1 | 9.35 usec |
| PL1 | 0.00 dB |
| PL1W | 27.37956238 W |
| SFO1 | 500.2620691 MHz |
| ND0 | 1 |
| TD | 128 |
| SFO1 | 500.2621 MHz |
| FIDRES | 38.146938 Hz |
| SW | 9.761 ppm |
| FnMODE | States-TPPI |
| SI | 512 |
| SF | 500.2600044 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |
| PC | 1.00 |
| SI | 512 |
| MC2 | States-TPPI |
| SF | 500.2600043 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |

NOESY

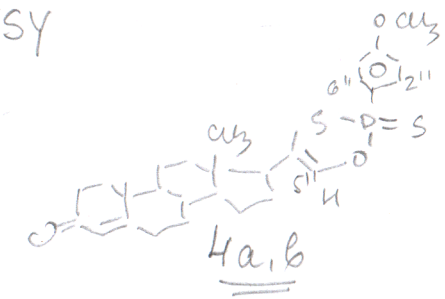


4a,b



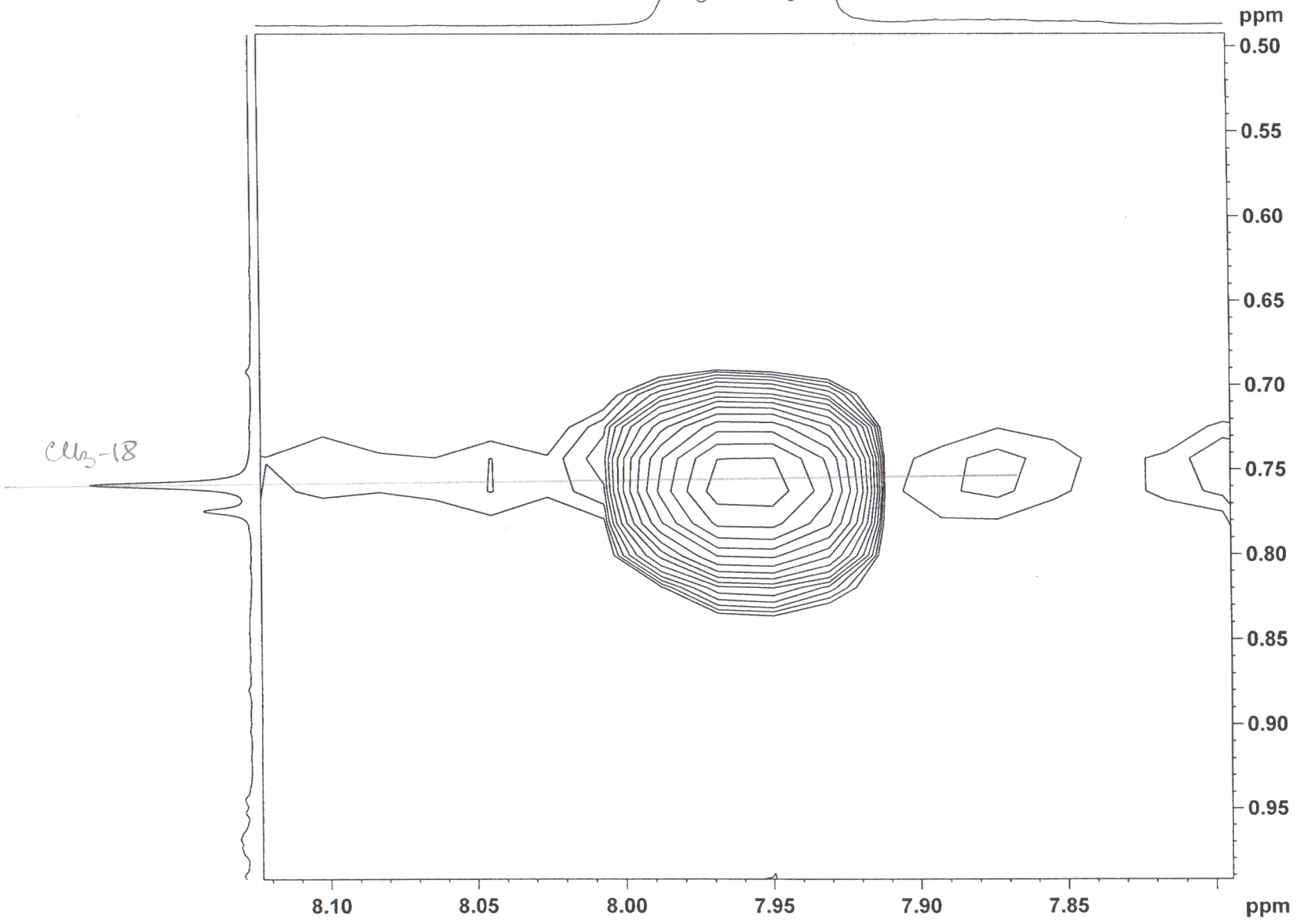

| | |
|---|---|
| NAME | H-139 |
| EXPNO | 6 |
| PROCNO | 1 |
| Date_ | 20110418 |
| Time | 12.30 |
| INSTRUM | spect |
| PROBHD | 5 mm BBO BB-1H |
| PULPROG | noesyph |
| TD | 1024 |
| SOLVENT | CDCl3 |
| NS | 8 |
| DS | 16 |
| SWH | 4882.813 Hz |
| FIDRES | 4.768372 Hz |
| AQ | 0.1049076 sec |
| RG | 40.3 |
| DW | 102.400 usec |
| DE | 6.50 usec |
| TE | 298.0 K |
| D0 | 0.00009050 sec |
| D1 | 2.00000000 sec |
| D8 | 1.00000000 sec |
| IN0 | 0.00020480 sec |
| ======== CHANNEL f1 ======== | |
| NUC1 | 1H |
| P1 | 9.35 usec |
| PL1 | 0.00 dB |
| PL1W | 27.37956238 W |
| SFO1 | 500.2620691 MHz |
| ND0 | 1 |
| TD | 128 |
| SFO1 | 500.2621 MHz |
| FIDRES | 38.146938 Hz |
| SW | 9.761 ppm |
| FnMODE | States-TPPI |
| SI | 512 |
| SF | 500.2600044 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |
| PC | 1.00 |
| SI | 512 |
| MC2 | States-TPPI |
| SF | 500.2600043 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |

NUESY



4a,b

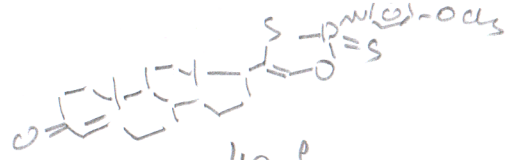
H-2" ; H-6"




CH3-18

| | |
|---|---|
| NAME | H-139 |
| EXPNO | 6 |
| PROCNO | 1 |
| Date_ | 20110418 |
| Time | 12.30 |
| INSTRUM | spect |
| PROBHD | 5 mm BBO BB-1H |
| PULPROG | noesyph |
| TD | 1024 |
| SOLVENT | CDCl3 |
| NS | 8 |
| DS | 16 |
| SWH | 4882.813 Hz |
| FIDRES | 4.768372 Hz |
| AQ | 0.1049076 sec |
| RG | 40.3 |
| DW | 102.400 usec |
| DE | 6.50 usec |
| TE | 298.0 K |
| D0 | 0.00009050 sec |
| D1 | 2.00000000 sec |
| D8 | 1.00000000 sec |
| IN0 | 0.00020480 sec |
| ======== CHANNEL f1 ======== | |
| NUC1 | 1H |
| P1 | 9.35 usec |
| PL1 | 0.00 dB |
| PL1W | 27.37956238 W |
| SFO1 | 500.2620691 MHz |
| ND0 | 1 |
| TD | 128 |
| SFO1 | 500.2621 MHz |
| FIDRES | 38.146938 Hz |
| SW | 9.761 ppm |
| FnMODE | States-TPPI |
| SI | 512 |
| SF | 500.2600044 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |
| PC | 1.00 |
| SI | 512 |
| MC2 | States-TPPI |
| SF | 500.2600043 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |

COSY

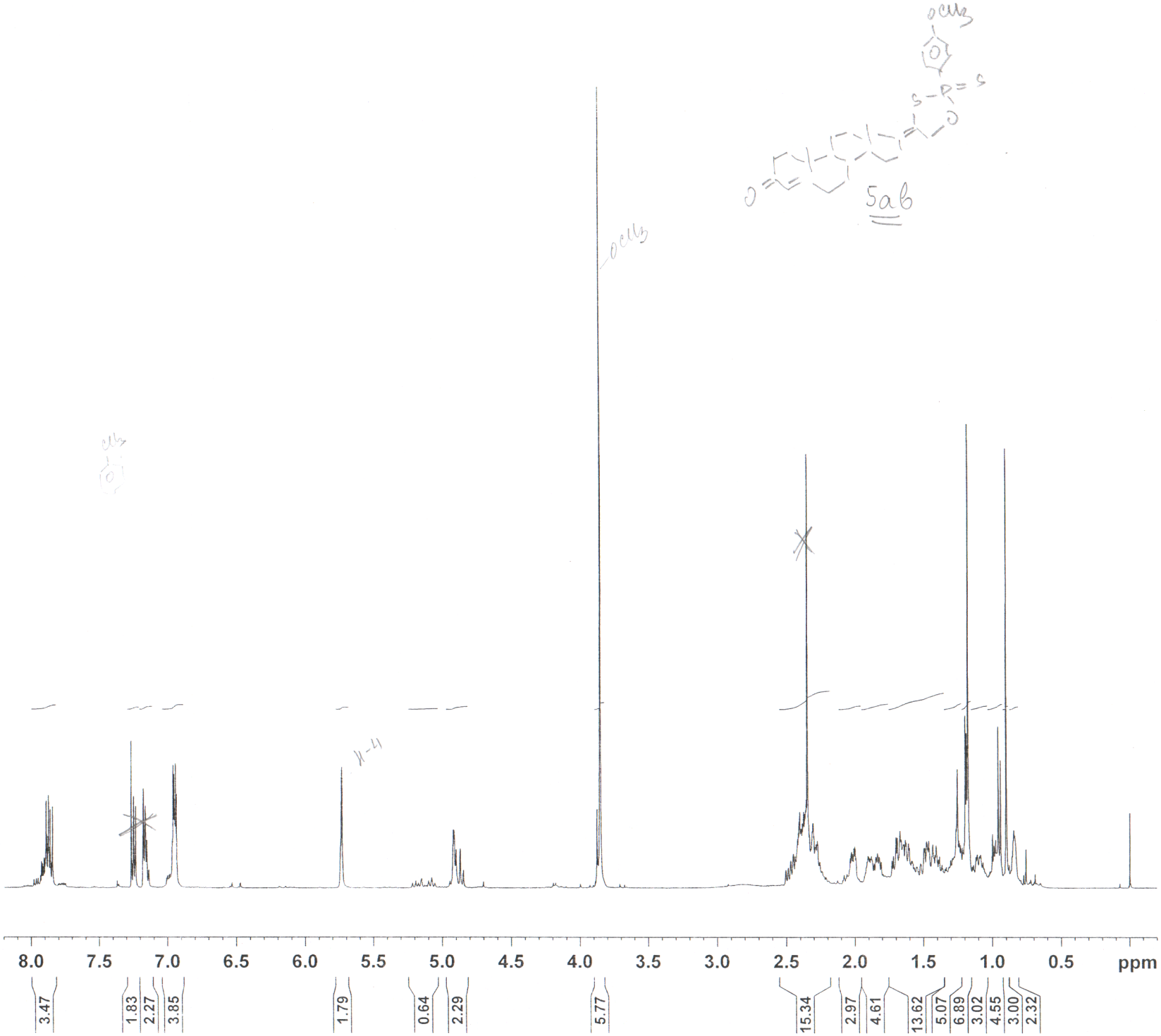


4a,b

H-139 3 1 C:\Bruker\TOPSPIN\BBO_new Guest

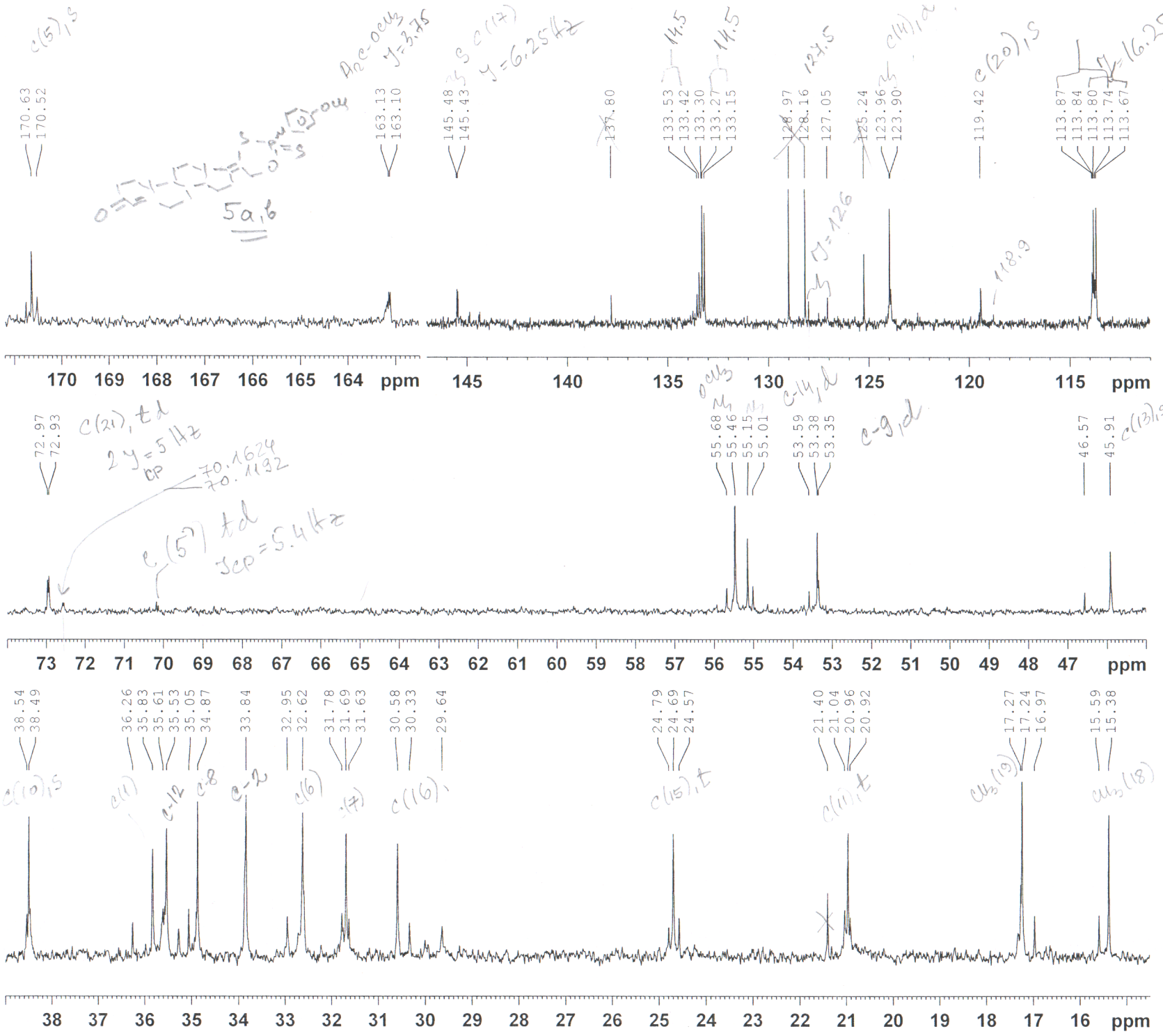
F1 [ppm]

F2 [ppm]



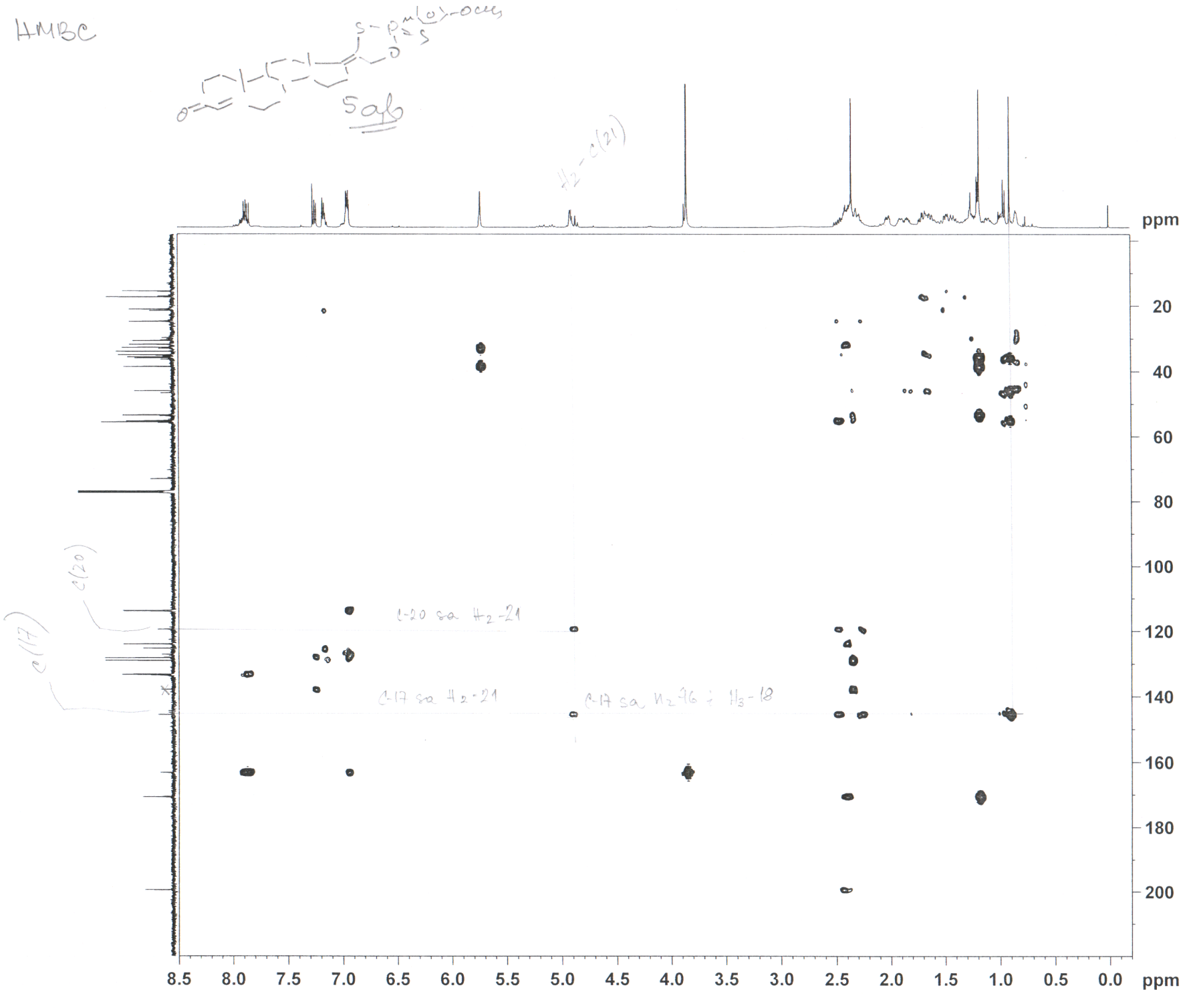

| | |
|---|---|
| NAME | H-137 |
| EXPNO | 1 |
| PROCNO | 1 |
| Date_ | 20101110 |
| Time_ | 10.05 |
| INSTRUM | spect |
| PROBHD | 5 mm BBO BB-1H |
| PULPROG | zg30 |
| TD | 32768 |
| SOLVENT | CDCl3 |
| NS | 16 |
| DS | 0 |
| SWH | 4743.833 Hz |
| FIDRES | 0.144770 Hz |
| AQ | 3.4537971 sec |
| RG | 80.6 |
| DW | 105.400 usec |
| DE | 6.50 usec |
| TE | 298.0 K |
| D1 | 2.00000000 sec |
| TD0 | 1 |

| ======== CHANNEL f1 ======== | |
|---|---|
| NUC1 | 1H |
| P1 | 9.35 usec |
| PL1 | 0.00 dB |
| PL1W | 27.37956238 W |
| SFO1 | 500.2620833 MHz |
| SI | 32768 |
| SF | 500.2600112 MHz |
| WDW | EM |
| SSB | 0 |
| LB | 0.20 Hz |
| GB | 0 |
| PC | 1.00 |




| | |
|---|---|
| NAME | H-137 |
| EXPNO | 2 |
| PROCNO | 1 |
| Date_ | 20101110 |
| Time | 10.36 |
| INSTRUM | spect |
| PROBHD | 5 mm BBO BB-1H |
| PULPROG | zgpg30 |
| TD | 32768 |
| SOLVENT | CDCl3 |
| NS | 402 |
| DS | 4 |
| SWH | 29761.904 Hz |
| FIDRES | 0.908261 Hz |
| AQ | 0.5505524 sec |
| RG | 1620 |
| DW | 16.800 usec |
| DE | 6.50 usec |
| TE | 298.0 K |
| D1 | 2.00000000 sec |
| D11 | 0.03000000 sec |
| TD0 | 1 |
| ======== CHANNEL f1 ======== | |
| NUC1 | 13C |
| P1 | 11.50 usec |
| PL1 | 3.00 dB |
| PL1W | 32.22848892 W |
| SFO1 | 125.8043140 MHz |
| ======== CHANNEL f2 ======== | |
| CPDPRG2 | waltz16 |
| NUC2 | 1H |
| PCPD2 | 80.00 usec |
| PL2 | 1.20 dB |
| PL12 | 18.40 dB |
| PL13 | 18.40 dB |
| PL2W | 20.76952171 W |
| PL12W | 0.39575511 W |
| PL13W | 0.39575511 W |
| SFO2 | 500.2620836 MHz |
| SI | 32768 |
| SF | 125.7904860 MHz |
| WDW | EM |
| SSB | 0 |
| LB | 1.50 Hz |
| GB | 0 |
| PC | 1.40 |

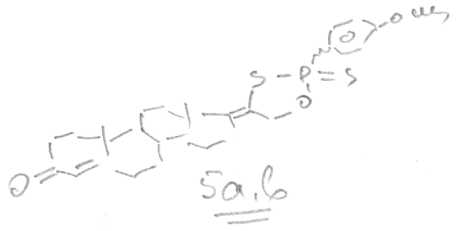
HMBC



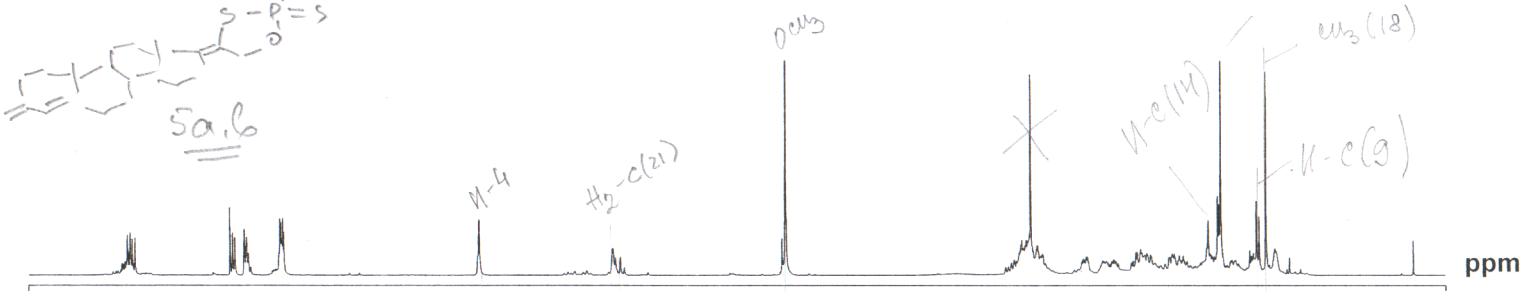

HMBC

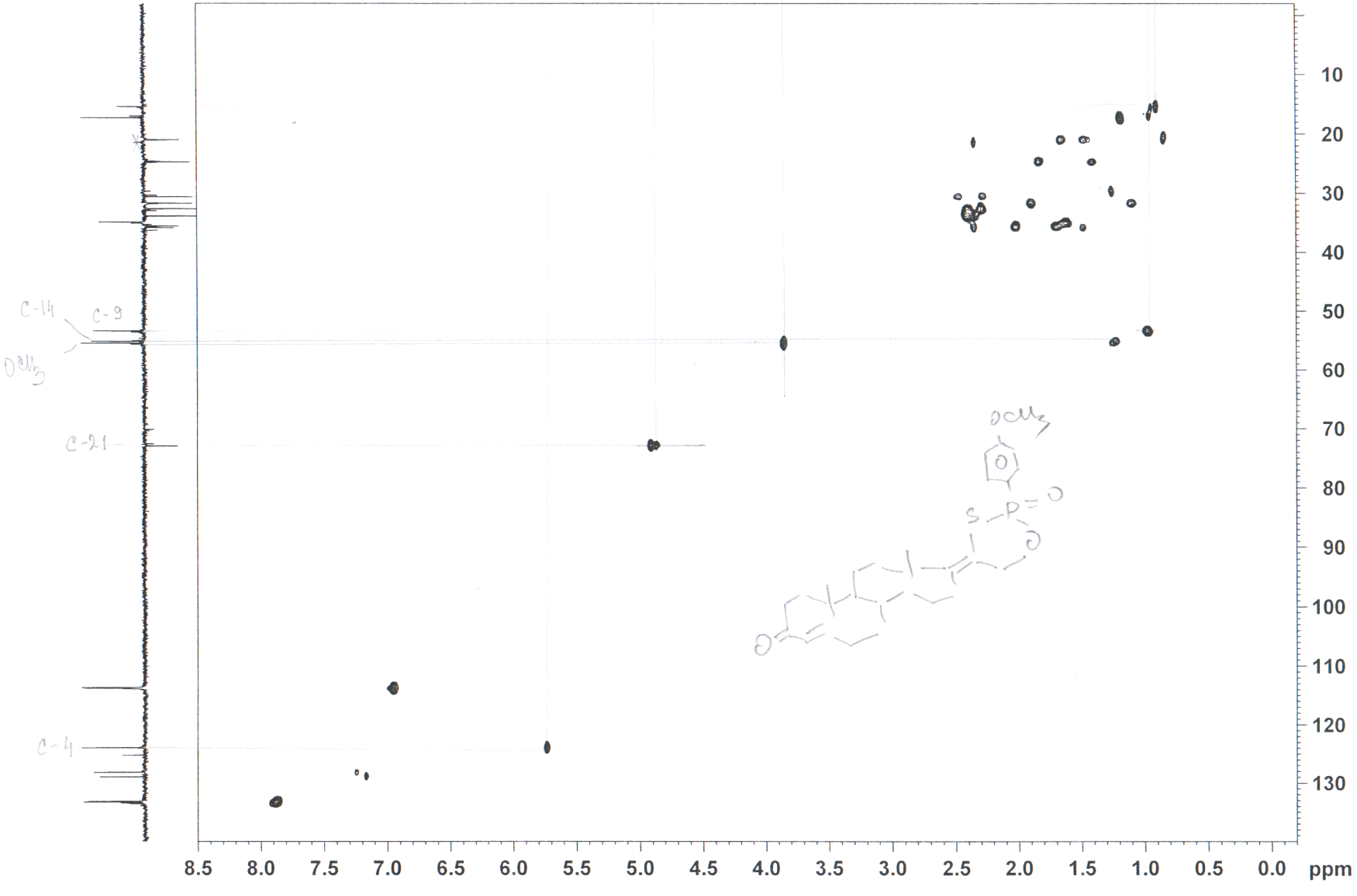
```
NAME                H-137
EXPNO                   5
PROCNO                  1
Date_            20101110
Time                11.32
INSTRUM             spect
PROBHD   5 mm BBO BB-1H
PULPROG    hmbcgplpndqf
TD                   1024
SOLVENT             CDCl3
NS                      8
DS                     16
SWH              4743.833 Hz
FIDRES           4.632649 Hz
AQ              0.1079796 sec
RG                   2050
DW                105.400 usec
DE                   6.50 usec
TE                  298.0 K
CNST2         145.0000000
CNST13          8.0000000
D0             0.00000300 sec
D1             1.50000000 sec
D2             0.00344828 sec
D6             0.06250000 sec
D16            0.00020000 sec
IN0            0.00001805 sec

======== CHANNEL f1 ========
NUC1                   1H
P1                   9.35 usec
P2                  18.70 usec
PL1                  0.00 dB
PL1W          27.37956238 W
SFO1          500.2620836 MHz

======== CHANNEL f2 ========
NUC2                  13C
P3                  11.50 usec
PL2                  3.00 dB
PL2W          32.22848892 W
SFO2          125.8030560 MHz

====== GRADIENT CHANNEL =====
GPNAM1           SINE.100
GPNAM2           SINE.100
GPNAM3           SINE.100
GPZ1                50.00 %
GPZ2                30.00 %
GPZ3                40.10 %
P16               1000.00 usec
ND0                     2
TD                    128
SFO1             125.8031 MHz
FIDRES         216.223999 Hz
SW                220.000 ppm
FnMODE                 QF
SI                   1024
SF            500.2600117 MHz
WDW                 QSINE
SSB                     0
LB                   0.00 Hz
GB                      0
PC                   1.40
SI                    512
MC2                    QF
SF            125.7904589 MHz
WDW                  SINE
SSB                     0
LB                   0.00 Hz
GB                      0
```

HSQC



5a.6






HSQC

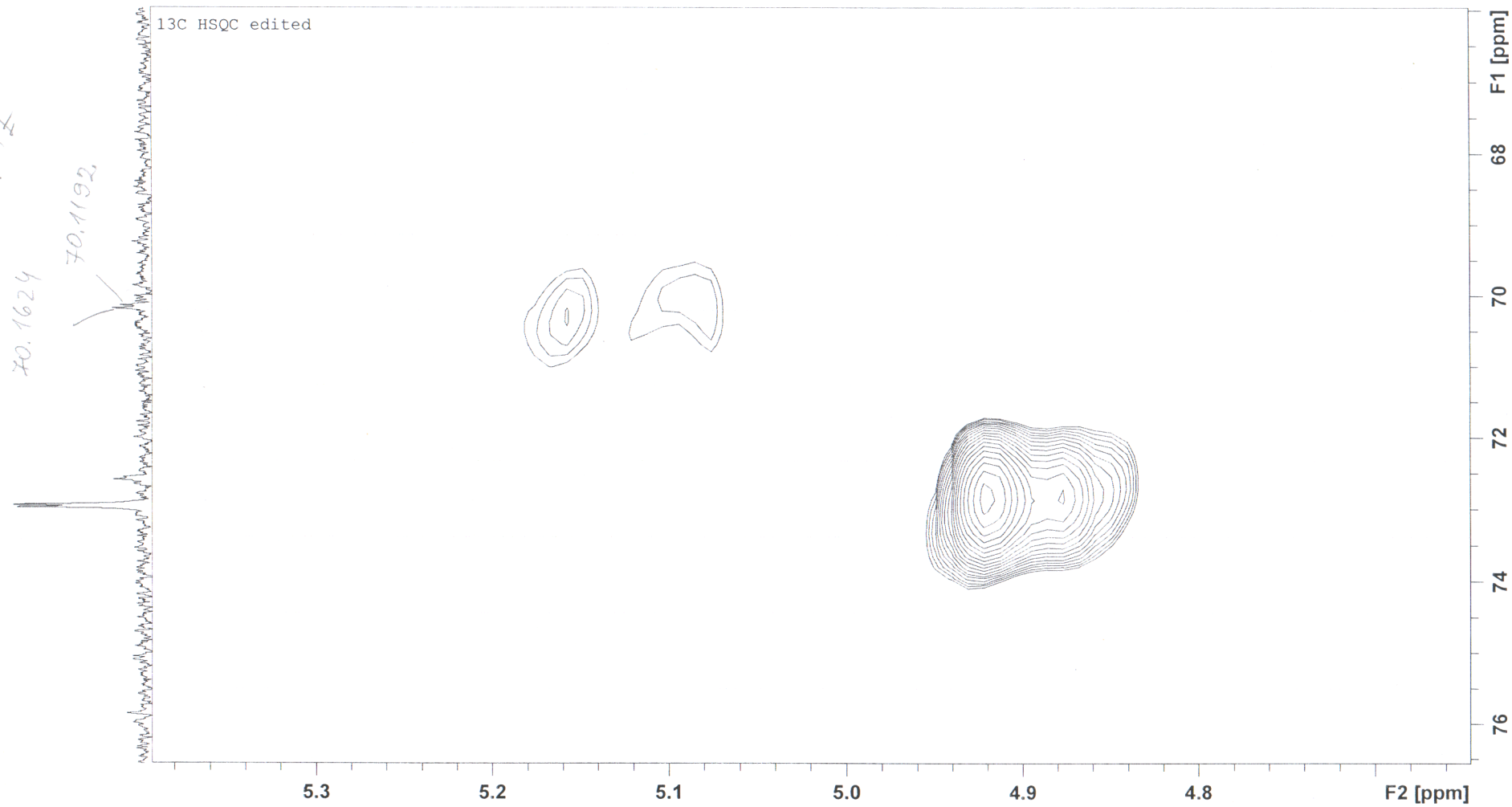
| | |
|---|---|
| NAME | H-137 |
| EXPNO | 4 |
| PROCNO | 1 |
| Date_ | 20101110 |
| Time_ | 11.02 |
| INSTRUM | spect |
| PROBHD | 5 mm BBO BB-1H |
| PULPROG | hsqcetgpsi2 |
| TD | 1024 |
| SOLVENT | CDCl3 |
| NS | 4 |
| DS | 16 |
| SWH | 4743.833 Hz |
| FIDRES | 4.632649 Hz |
| AQ | 0.1079796 sec |
| RG | 2050 |
| DW | 105.400 usec |
| DE | 6.50 usec |
| TE | 298.0 K |
| CNST2 | 145.0000000 |
| D0 | 0.00000300 sec |
| D1 | 2.00000000 sec |
| D4 | 0.00172414 sec |
| D11 | 0.03000000 sec |
| D13 | 0.00000400 sec |
| D16 | 0.00020000 sec |
| D24 | 0.00086207 sec |
| IN0 | 0.00002650 sec |
| ZGOPTNS | |
| ======== CHANNEL f1 ======== | |
| NUC1 | 1H |
| P1 | 9.35 usec |
| P2 | 18.70 usec |
| P28 | 1000.00 usec |
| PL1 | 0.00 dB |
| PL1W | 27.37956238 W |
| SFO1 | 500.2620836 MHz |
| ======== CHANNEL f2 ======== | |
| CPDPRG2 | garp |
| NUC2 | 13C |
| P3 | 11.50 usec |
| P4 | 23.00 usec |
| PCPD2 | 70.00 usec |
| PL2 | 3.00 dB |
| PL12 | 18.00 dB |
| PL2W | 32.22848892 W |
| PL12W | 1.01915431 W |
| SFO2 | 125.7992823 MHz |
| ====== GRADIENT CHANNEL ===== | |
| GPNAM1 | SINE.100 |
| GPNAM2 | SINE.100 |
| GPNAM3 | SINE.100 |
| GPNAM4 | SINE.100 |
| GPZ1 | 80.00 % |
| GPZ2 | 20.10 % |
| GPZ3 | 11.00 % |
| GPZ4 | -5.00 % |
| P16 | 1000.00 usec |
| P19 | 600.00 usec |
| ND0 | 2 |
| TD | 128 |
| SFO1 | 125.7993 MHz |
| FIDRES | 147.421036 Hz |
| SW | 150.000 ppm |
| FnMODE | Echo-Antiecho |
| SI | 1024 |
| SF | 500.2600095 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |
| PC | 1.40 |
| SI | 256 |
| MC2 | echo-antiecho |
| SF | 125.7904530 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |

HSQC

HSQC

H-137

5a,b



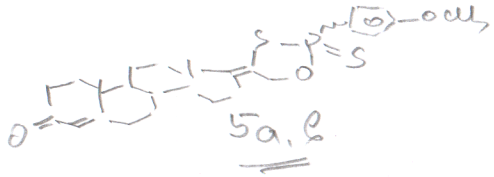

70.1

y = 5.4 Hz

70.1624

70.1192

NOESY

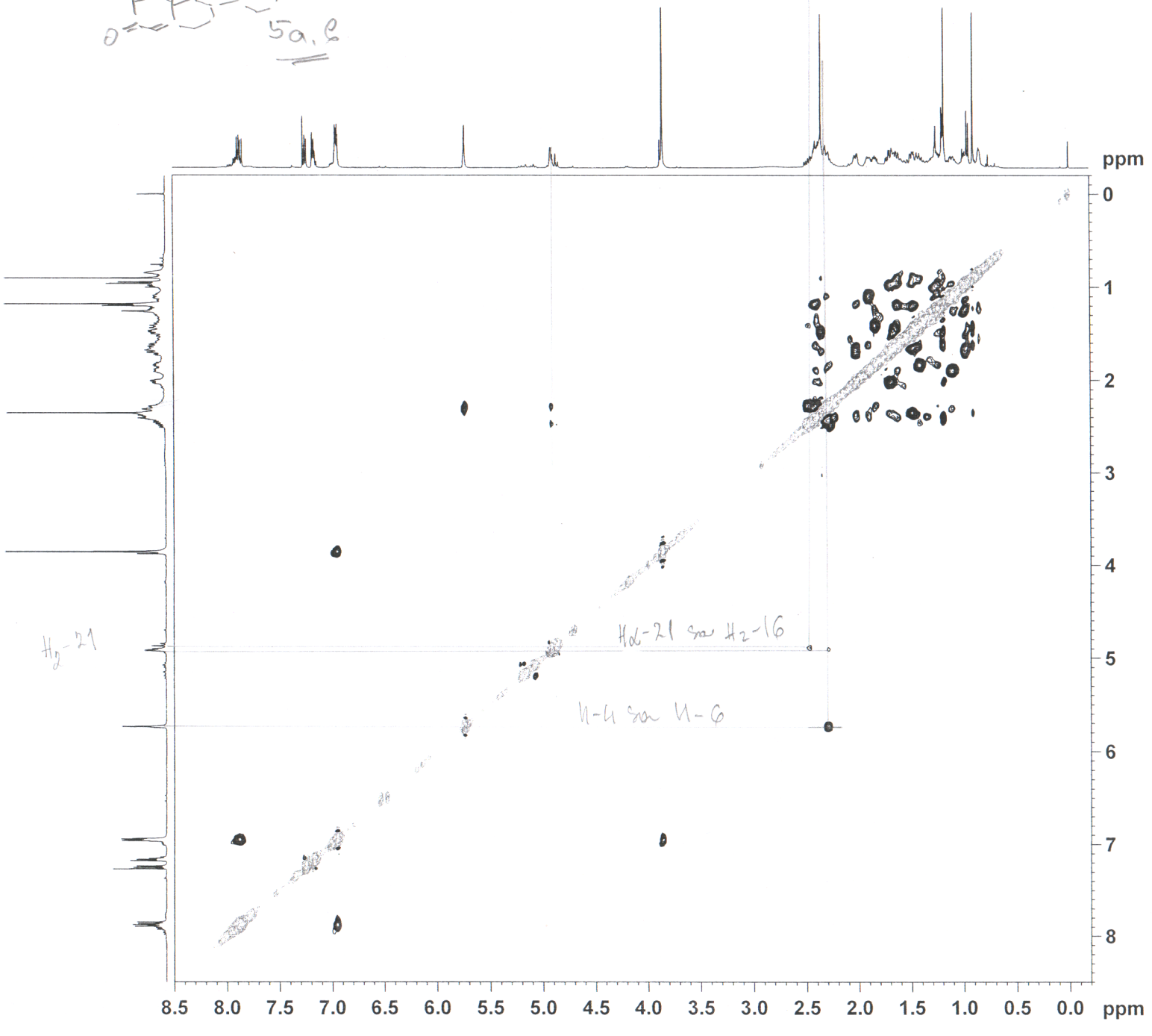


5a, b

NOESY

| | |
|---|---|
| NAME | H-137 |
| EXPNO | 6 |
| PROCNO | 1 |
| Date_ | 20101110 |
| Time | 12.14 |
| INSTRUM | spect |
| PROBHD | 5 mm BBO BB-1H |
| PULPROG | noesyph |
| TD | 1024 |
| SOLVENT | CDCl3 |
| NS | 8 |
| DS | 16 |
| SWH | 4743.833 Hz |
| FIDRES | 4.632649 Hz |
| AQ | 0.1079796 sec |
| RG | 90.5 |
| DW | 105.400 usec |
| DE | 6.50 usec |
| TE | 298.0 K |
| D0 | 0.00009350 sec |
| D1 | 2.00000000 sec |
| D8 | 1.00000000 sec |
| IN0 | 0.00021080 sec |

| ======== CHANNEL f1 ======== | |
|---|---|
| NUC1 | 1H |
| P1 | 9.35 usec |
| PL1 | 0.00 dB |
| PL1W | 27.37956238 W |
| SFO1 | 500.2620836 MHz |
| ND0 | 1 |
| TD | 128 |
| SFO1 | 500.2621 MHz |
| FIDRES | 37.061214 Hz |
| SW | 9.483 ppm |
| FnMODE | States-TPPI |
| SI | 512 |
| SF | 500.2600058 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |
| PC | 1.00 |
| SI | 512 |
| MC2 | States-TPPI |
| SF | 500.2600065 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |



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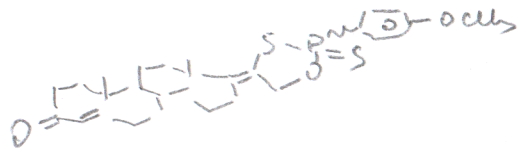
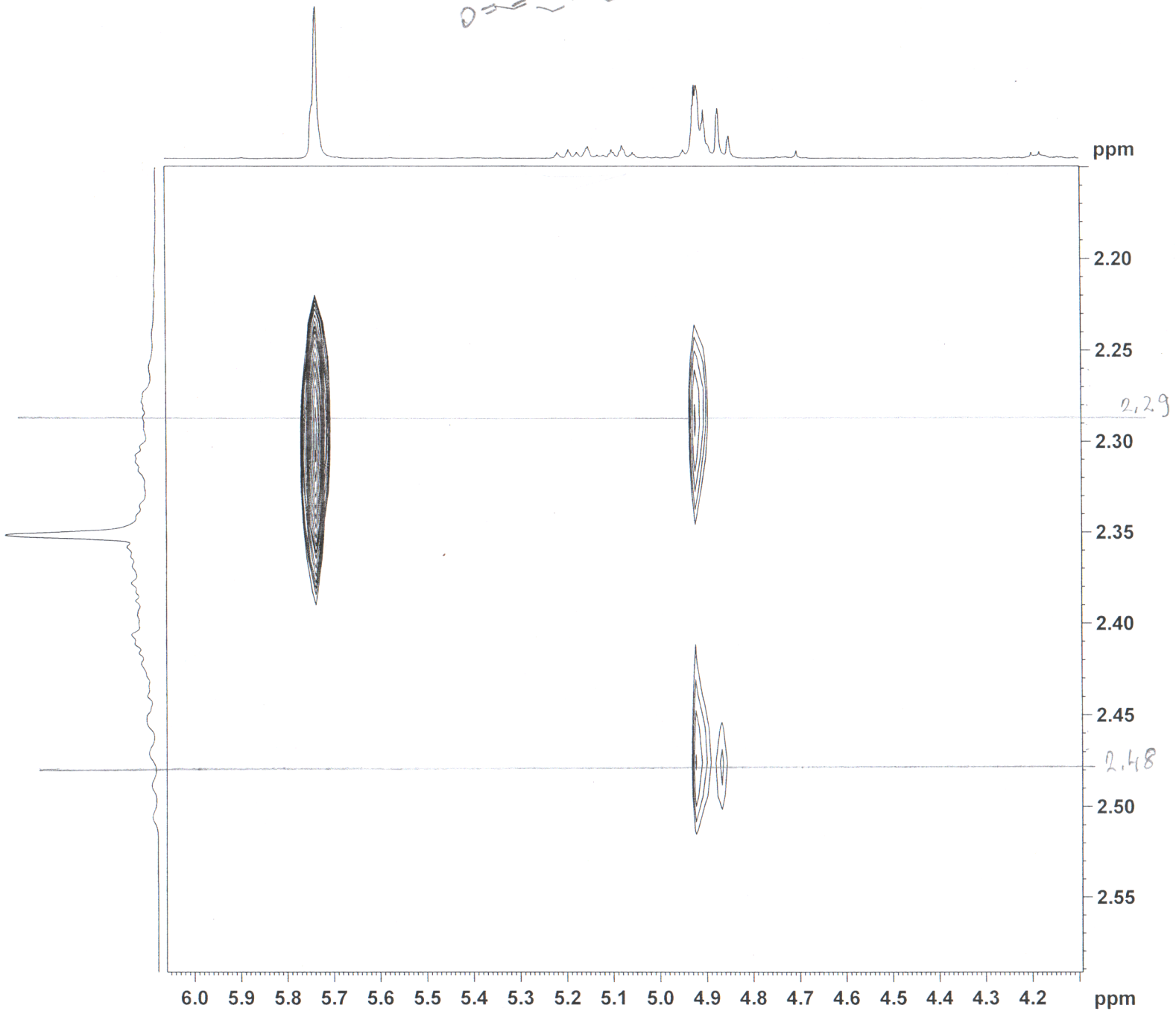


NOESY

| | |
|---|---|
| NAME | H-137 |
| EXPNO | 6 |
| PROCNO | 1 |
| Date_ | 20101110 |
| Time | 12.14 |
| INSTRUM | spect |
| PROBHD | 5 mm BBO BB-1H |
| PULPROG | noesyph |
| TD | 1024 |
| SOLVENT | CDCl3 |
| NS | 8 |
| DS | 16 |
| SWH | 4743.833 Hz |
| FIDRES | 4.632649 Hz |
| AQ | 0.1079796 sec |
| RG | 90.5 |
| DW | 105.400 usec |
| DE | 6.50 usec |
| TE | 298.0 K |
| D0 | 0.00009350 sec |
| D1 | 2.00000000 sec |
| D8 | 1.00000000 sec |
| IN0 | 0.00021080 sec |
| ======== CHANNEL f1 ======== | |
| NUC1 | 1H |
| P1 | 9.35 usec |
| PL1 | 0.00 dB |
| PL1W | 27.37956238 W |
| SFO1 | 500.2620836 MHz |
| ND0 | 1 |
| TD | 128 |
| SFO1 | 500.2621 MHz |
| FIDRES | 37.061214 Hz |
| SW | 9.483 ppm |
| FnMODE | States-TPPI |
| SI | 512 |
| SF | 500.2600058 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |
| PC | 1.00 |
| SI | 512 |
| MC2 | States-TPPI |
| SF | 500.2600065 MHz |
| WDW | QSINE |
| SSB | 2 |
| LB | 0.00 Hz |
| GB | 0 |