

One-pot synthesis of bicyclic oxazolidinones from D-glucosamine

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X-ray Crystal Structure Analysis:

Single-crystal X-ray structure analysis was performed on a Rigaku Saturn724 diffractometer that was equipped with a low-temperature attachment. Data were collected at 100 K using graphite-monochromated Mo K α radiation ($\lambda = 0.71073$ Å) with the ω -scan technique. The data were reduced by using Crystal Clear- SM Expert 2.1 b24 software. The structures were solved by direct methods and refined by least-squares against F² utilizing the software packages SHELXL-97,¹ SIR-92,² and WINGX.³ All non-hydrogen atoms were refined anisotropically.

CCDC No. 1031306 contains the supplementary crystallographic data for this paper. These data can be obtained free of charge from The Cambridge Crystallographic Data Centre via www.ccdc.cam.ac.uk/data_request/cif.

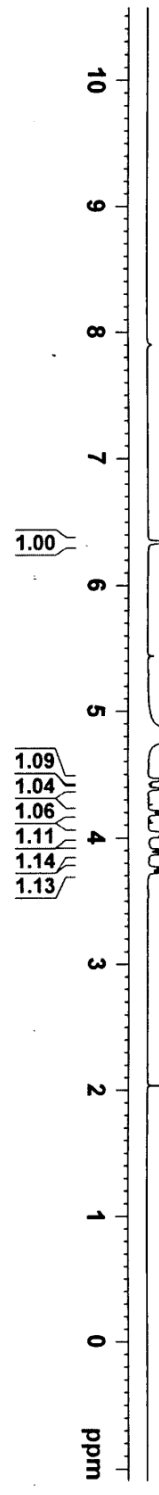
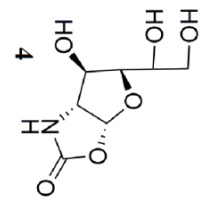
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1. Sheldrick, G. M. *Acta Crystallogr.* **2008**, *A64*, 112–122.
 2. Altomare, A.; Cascarano, G.; Giacovazzo, C.; Gualardi, A. *J. Appl. Crystallogr.* **1993**, *26*, 343–350.
 3. Farrugia, L. J. *J. Appl. Crystallogr.* **1999**, *32*, 837–838.

SSK-9-SSR-791-H1

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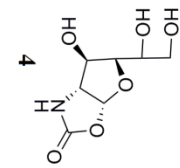
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D1         1.00000000 sec
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PL1        -1.00 dB
PL1W       10.56200695 W
SFO1       400.1324710 MHz
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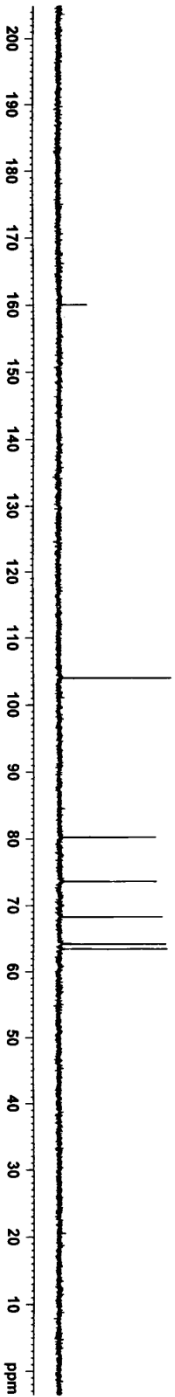
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 TD 65536
 SOLVENT D2O
 NS 82
 DS 2
 SWH 27573.529 Hz
 FIDRES 0.420739 Hz
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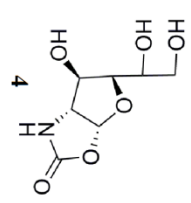
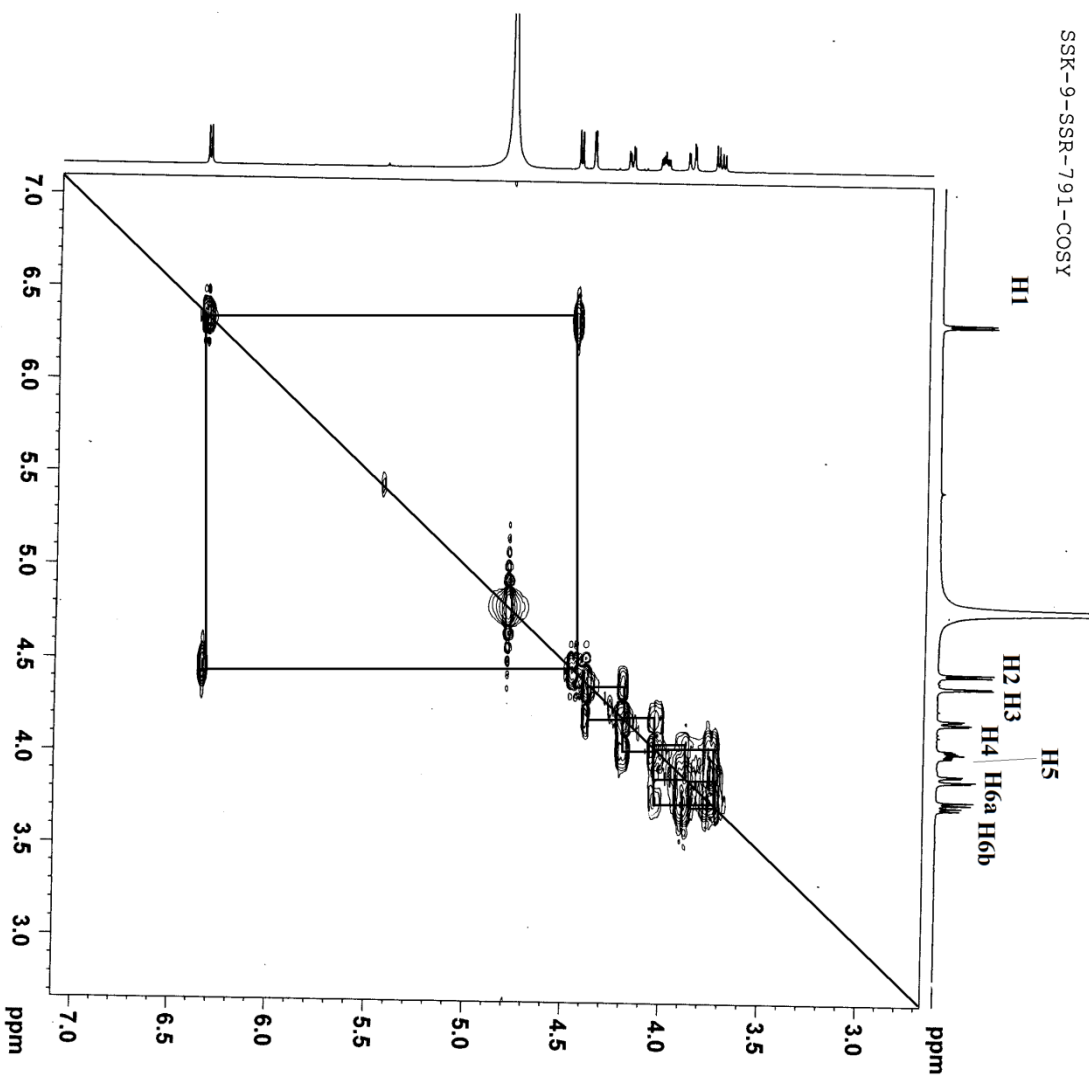


===== CHANNEL f1 =====
 NUCL1 13C
 P1 8.70 usec
 PL1 -2.00 dB
 PL1W 56.53121948 W
 SFO1 100.6242389 MHz

===== CHANNEL f2 =====
 CPDPRG2 waitz16
 NUCL2 1H
 PCPD2 80.00 usec
 PL2 -1.00 dB
 PL12 14.50 dB
 PL13 14.50 dB
 PL2W 10.56200695 W
 PL12W 0.29767781 W
 PL13W 0.29767781 W
 SFO2 400.1316005 MHz
 SI 32768
 SF 100.6127516 MHz
 MDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



SSK-9-SSR-791-COSY



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 PROCNO 1
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 PULPROG cosyzgpgf
 TD 256
 SOLVENT D2O
 NS 16
 DS 16
 SWH 1773.888 Hz
 FIDRES 6.929251 Hz
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 RG 144
 KW 144
 DM 281.867 usec
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 D13 0.00000400 sec
 D16 0.00020000 sec
 INO 0.00056375 sec

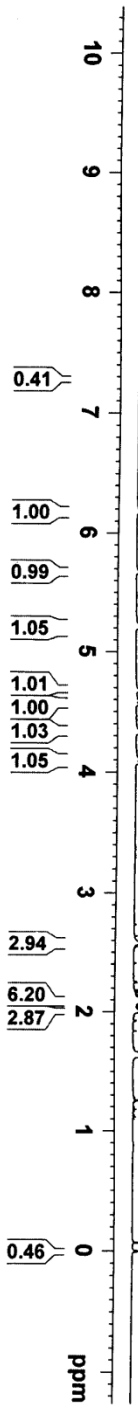
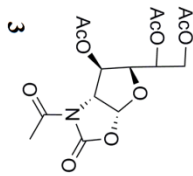
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 SFO1 400.1319143 MHz

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 GRNAM1 SINE:10.0
 GEZ1 SINE:10.0 %
 P16 1000.00 usec
 NDO 1
 TD 241
 SFO1 400.1319 MHz
 FIDRES 7.360601 Hz
 SF 4.432 ppm
 EQWODE 2048
 SI 2
 SE 400.1299619 MHz
 SINE SINE
 WDW 0
 SSB 0.00 Hz
 GB 0
 PC 1.40
 SI 5.1
 MC2 OF
 SF 400.1299612 MHz
 WDW SINE
 SSB 0
 GB 0.00 Hz

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INSTRUM spect
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PULPROG zg30
TD 54576
SOLVENT CDCl3
NS 18
DS 0
SWH 8802.817 Hz
FIDRES 0.161295 Hz
AQ 3.0999668 sec
RG 32
DW 56.800 usec
DE 6.50 usec
TE 294.6 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 13.50 usec
PL1 -1.00 dB
PL1W 10.56200695 W
SF01 400.1324710 MHz
SI 32768
SF 400.1300049 MHz
WDW EM
SSB 0
LB 0.00 Hz
GB 0
PC 1.00

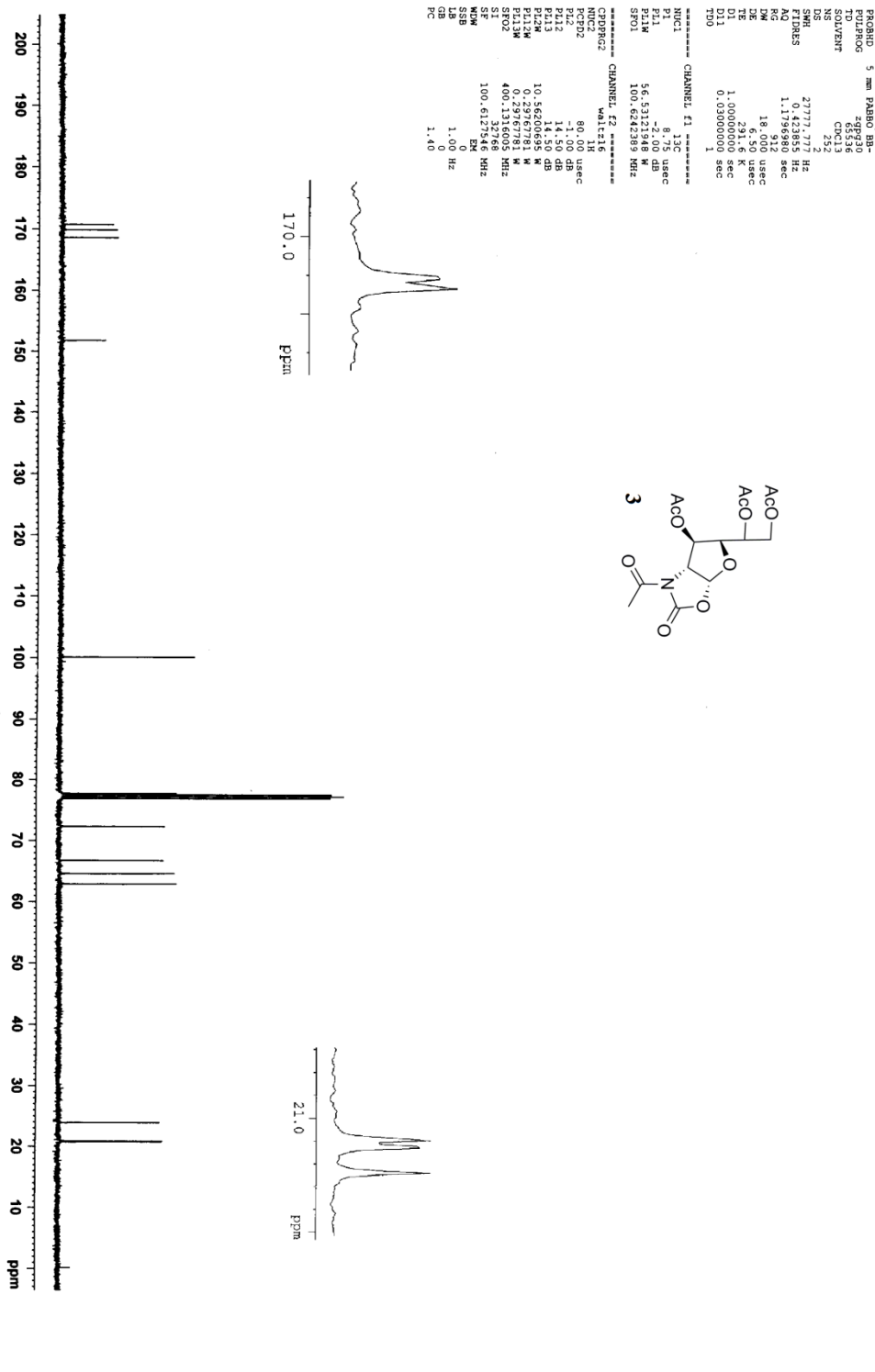
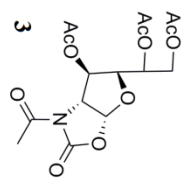


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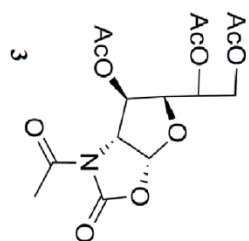
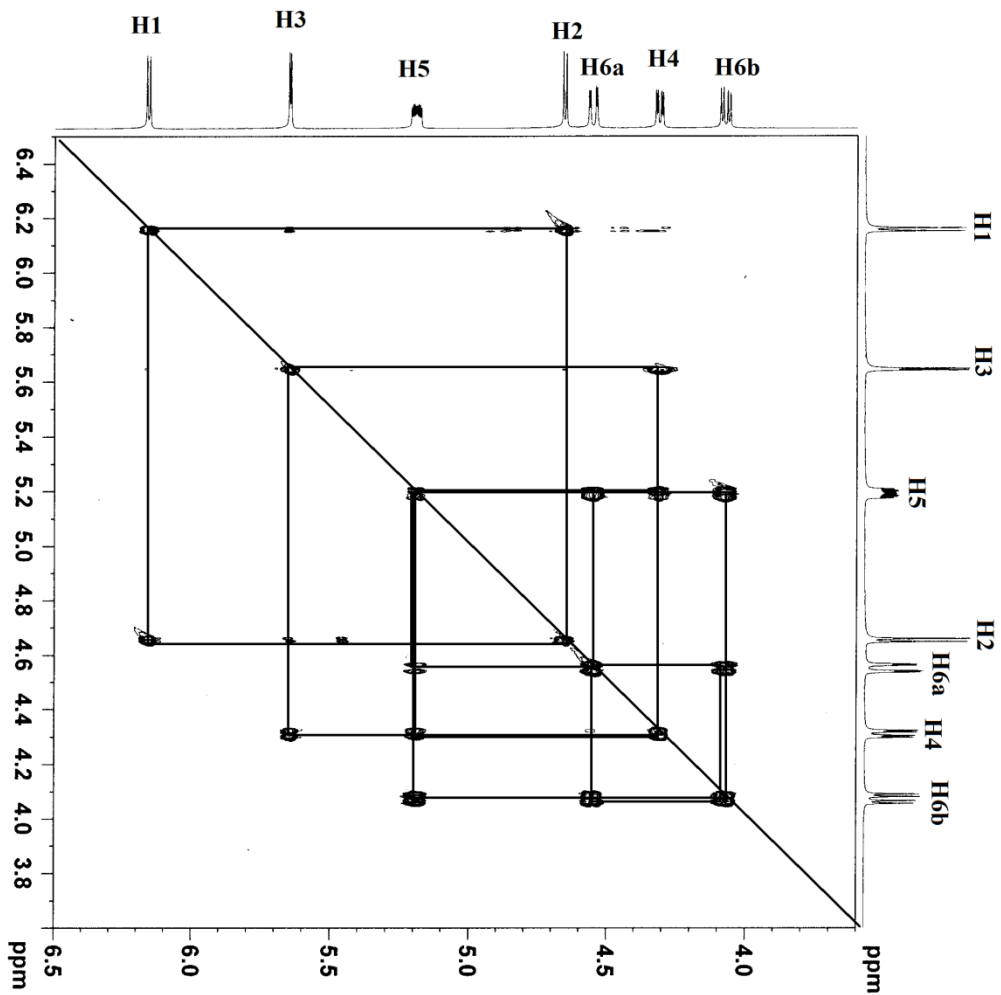
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 Time 11.13
 INSTRUM spect
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 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 252
 SFR 2777.777 Hz
 FIDRES 0.423855 Hz
 AQ 1.1796980 sec
 DM 18.000 usec
 DE 6.50 usec
 TE 291.6 K
 D1 1.0000000 sec
 D11 0.0300000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 6.75 usec
 PL1 14.00 dB
 PL1W 56.5312140 dB
 SFO1 100.626289 MHz

===== CHANNEL f2 =====
 CDPDPRG2 Maltz16
 NUC2 1H
 P2 80.00 usec
 PL2 14.50 dB
 PL2W 10.56200695 MHz
 PL2W 10.56200695 MHz
 PL1W 0.2917781 MHz
 SFO2 400.1316095 MHz
 SI 175
 SI 100.612775 MHz
 WDW EM
 SSB 0
 GB 0
 PC 1.40



SSK-9-SSR-XRD-COSY



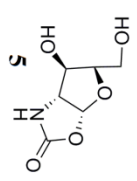
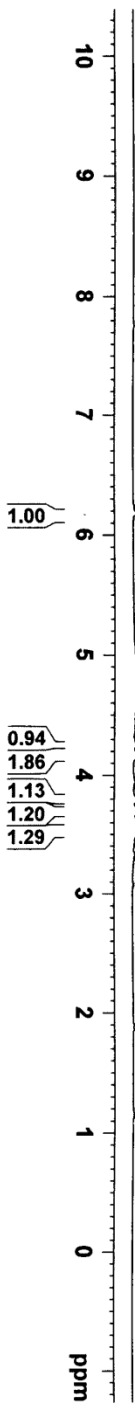

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PROCNO        1
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Time         23.06
INSTRUM       spect
PROBHD        5 mm SEI IH/D-
PULPROG       zg30
TD            65536
SOLVENT       D2O
NS            24
DS            0
SMH           8223.685 Hz
FIDRES        0.125483 Hz
AQ            3.9846387 sec
RG            23.4
DW            60.800 usec
DE            6.50 usec
TE            293.5 K
D1            1.00000000 sec
TDO           1

===== CHANNEL f1 =====
NUC1          1H
P1            6.73 usec
PL1          -3.00 dB
PL1W         16.73965454 W
SFO1         400.1324710 MHz
SI           32768
SF           400.1300100 MHz
WDW          EM
SSB           0
TB           0.00 Hz
GB           0
PC           1.00

```

mrk-eg-dipester-1h



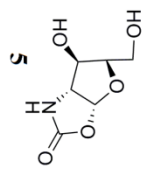
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 PULPROG: zgpg30
 TD: 65536
 SOLVENT: D2O
 NS: 84
 DS: 4
 SMH: 27573.529 Hz
 FIDRES: 0.420739 Hz
 AQ: 1.1884362 sec
 RG: 103
 DW: 18.133 usec
 DE: 6.50 usec
 TE: 294.0 K
 D1: 1.00000000 sec
 D11: 0.03000000 sec
 TDO: 1

===== CHANNEL f1 =====
 NUCL: 13C
 P1: 13.00 usec
 PL1: -3.00 dB
 PL1W: 71.16858673 W
 SFO1: 100.6242389 MHz

===== CHANNEL f2 =====
 CPDPRG2: waltz16
 NUC2: 1H
 PCPD2: 80.00 usec
 PL2: -3.00 dB
 PL12: 18.48 dB
 PL13: 19.00 dB
 PL1W: 16.73965454 W
 PL12W: 0.11905469 W
 PL13W: 0.10562007 W
 SFO2: 400.1316005 MHz
 SI: 32768
 SF: 100.6127538 MHz
 RDM: EX
 SSB: 0
 LR: 1.00 Hz
 GB: 0
 PC: 1.40

SK-9-SS-553-13C
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 103.94
 82.00
 73.94
 64.55
 59.42

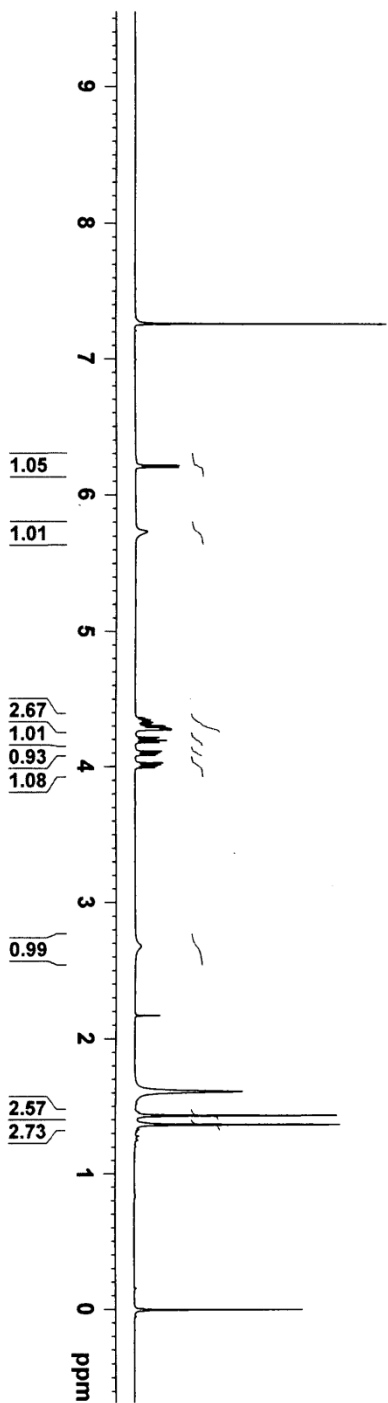
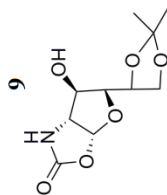
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 EXPNO 2
 PROCNO 1
 Date_ 20141025
 Time_ 19.43
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 54274
 SOLVENT CDCl3
 NS 21
 DS 0
 SWH 8223.685 Hz
 -FIDRES 0.151522 Hz
 AQ 3.2999091 sec
 RG 203
 DW 60.800 usec
 DE 6.50 usec
 TE 296.1 K
 D1 1.00000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUCL1 1H
 P1 14.75 usec
 PL1 -1.00 dB
 PL1W 10.56200695 W
 SFO1 400.1324710 MHz
 SI 32768
 SF 400.1300100 MHz
 WDW EM
 SSB 0
 GB 0.30 Hz
 PC 1.00



SSK-9-SSR-ISOP1-13C

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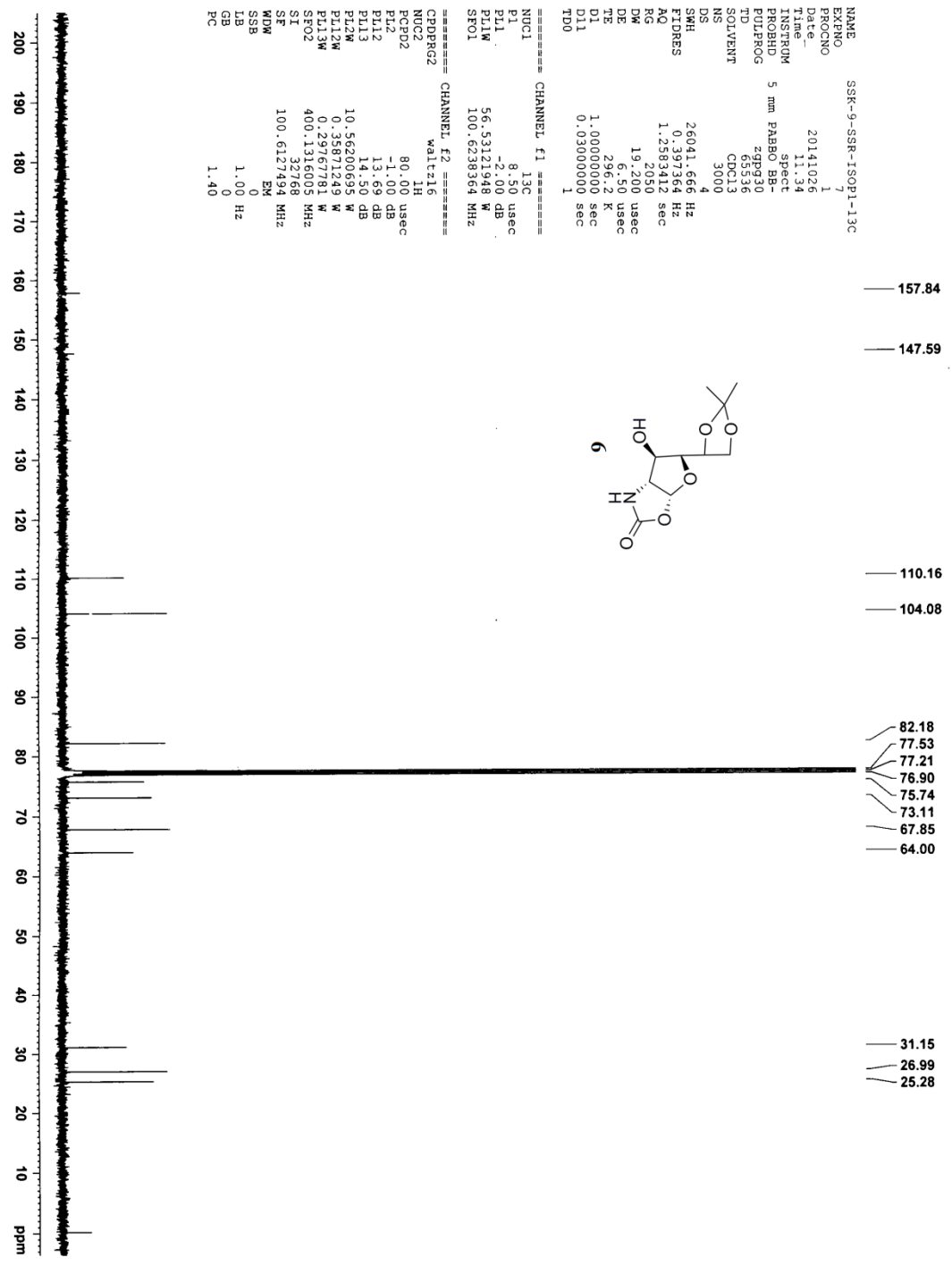
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Time_         11.34
INSTRUM       spect
PROBHD        5 mm PABBO-BB-
PULPROG       zgpg30
TD            65536
SOLVENT       CDCl3
NS            3000
DS            4
SMH           26041.666 Hz
FIDRES        0.397364 Hz
AQ            1.2583412 sec
RG            2050
DM            19.200 usec
DE            6.50 usec
TE            296.2 K
D1            1.00000000 sec
D11           0.03000000 sec
TD0           1
  
```

```

===== CHANNEL f1 =====
NUC1          13C
P1            8.50 usec
PL1           -2.00 dB
SFO1         100.6238364 MHz
  
```

```

===== CHANNEL f2 =====
CPDPRG2      waltz16
NUC2          1H
PCPD2        80.00 usec
PL2           -1.00 dB
PL12         13.69 dB
PL13         14.50 dB
PL2W         10.56200695 W
PL12W        0.35871249 W
PL13W        0.29767781 W
SFO2         400.1316005 MHz
SI            32768
SF           100.6127494 MHz
WDW           EM
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GB            0
PC            1.40
  
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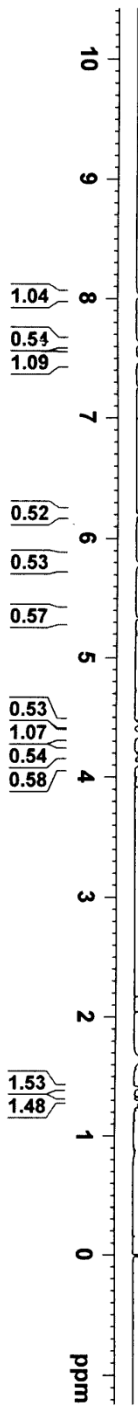
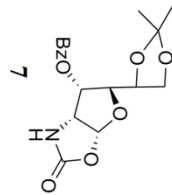


NAME SSK-9-SSR-3-OEt-1H

SSK-9-SSR-3-OEt-1H

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PROCNO 1
Date_ 20141025
Time_ 19:37
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 54274
SOLVENT CDCl3
NS 24
DS 0
SWH 8223.685 Hz
FIDRES 0.151522 Hz
AQ 3.2999091 sec
RG 181
DW 60.800 usec
DE 6.50 usec
TE 296.0 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 14.75 usec
PL1 -1.00 dB
PL1W 10.56200695 W
SF01 400.1324710 MHz
SI 32768
SF 400.1300099 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



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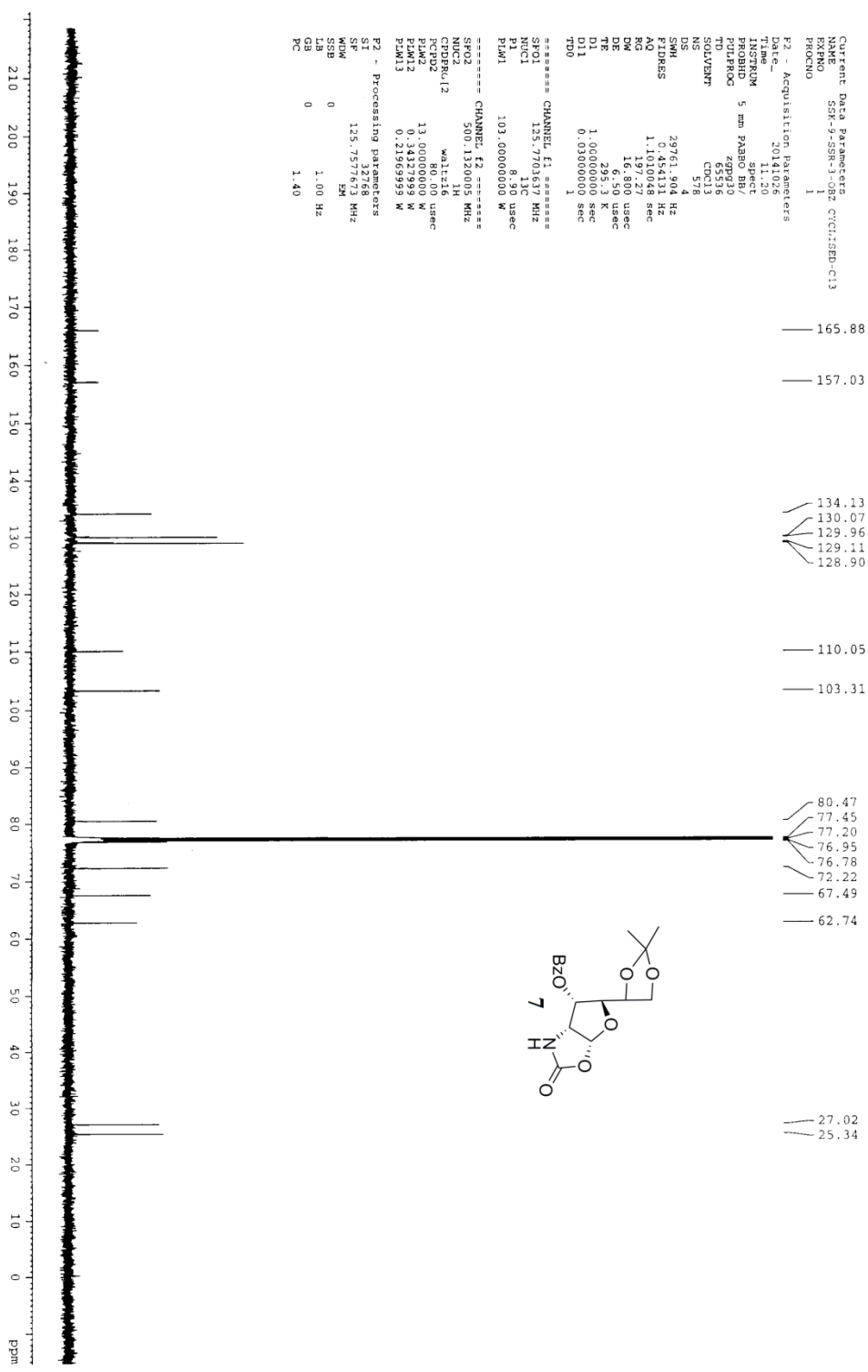
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Date_ 20141026
 Time 11:20
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 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 512
 DS 4
 SWH 29761.904 Hz
 FIDRES 0.454131 Hz
 AQ 1.1010791 sec
 SFO 49.99729
 DW 15.800 usec
 DE 6.50 usec
 TE 295.3 K
 D1 1.00000000 sec
 D11 0.03000000 sec
 TD0 1

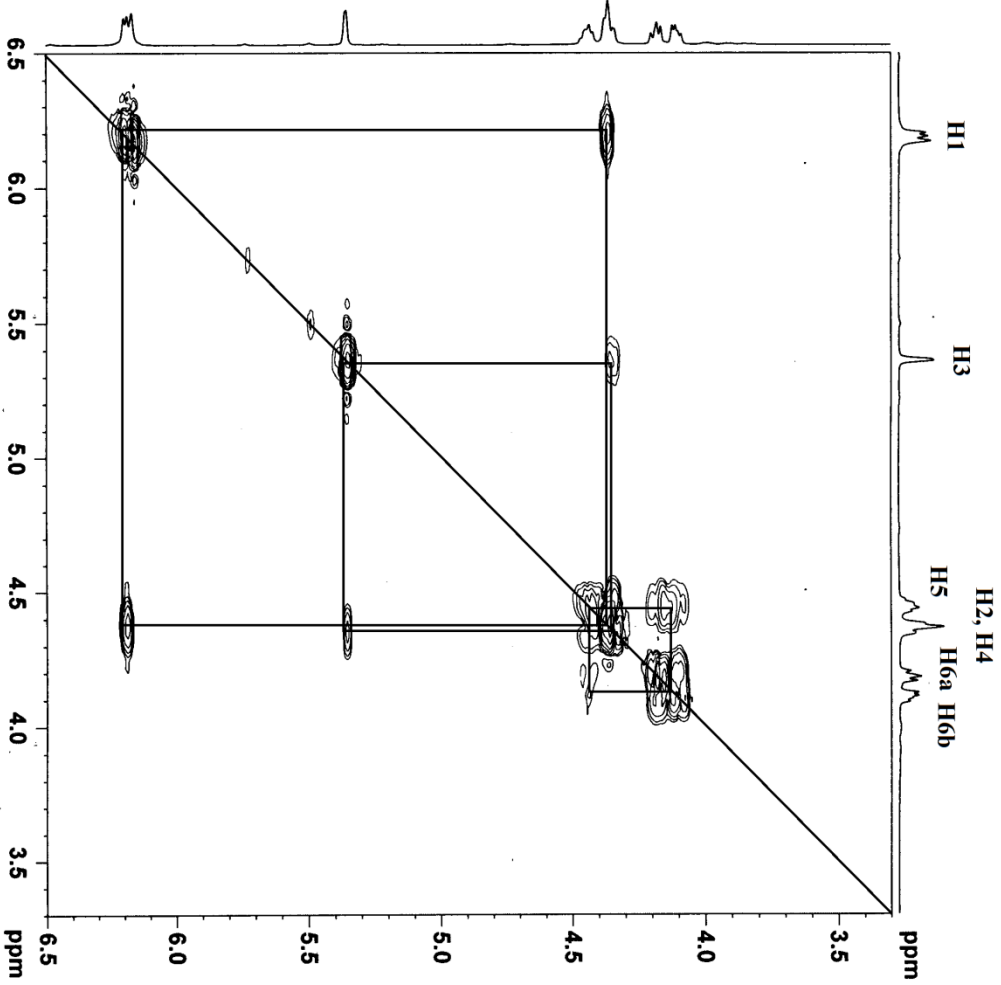
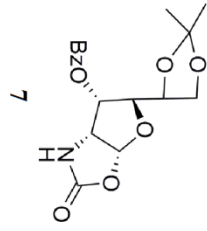
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 NUC1 13C
 P1 8.90 usec
 PL1 103.00000000 W

===== CHANNEL f2 =====
 SFO2 500.1320005 MHz
 NUC2 1H
 CPDPRG2 waltz16
 FREQ2 13.00000000 W
 PLW2 0.34327999 W
 PLW13 0.21959999 W

F2 - Processing parameters
 SI 32768
 SF 125.7577673 MHz
 WDW 0
 SSB 0
 GB 0
 PC 1.40



SSK-9-SSR-INV-3OBZ-COSY



```

NAME          SSK-9-SSR-INV-3OBZ-COSY
EXPNO         3
PROCNO        1
Date_         20141122
Time          15.18
INSTRUM       spect
PROBHD        5 mm PABBO BB-
PULPROG       cesygpqr
TD            65536
SOLVENT       CDCl3
NS            16
DS            16
SWH           1758.912 Hz
FIDRES        6.870749 Hz
AQ            0.0728223 sec
RG            284.322
DE            295.4 K
TE            284.260 usec
D1            0.00000300 sec
D13           0.00000400 sec
D16           0.00020000 sec
IN0           0.00056895 sec

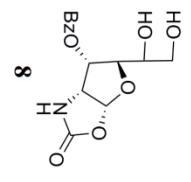
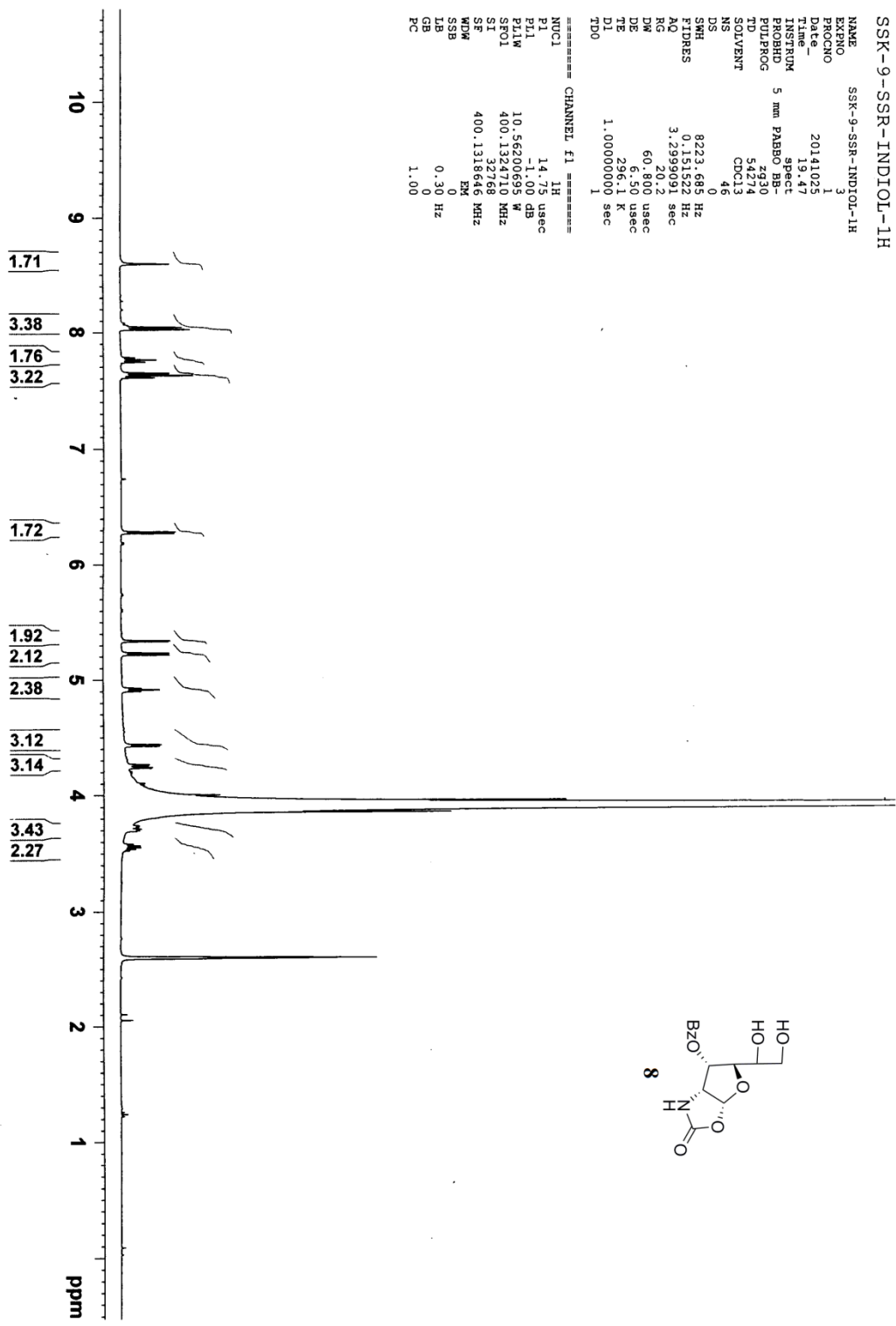
===== CHANNEL f1 =====
NUC1          1H
P0            14.75 usec
P1            14.75 usec
PL1          -1.00 dB
PL12         10.56200895 W
SFO1         400.1319134 MHz

===== GRADIENT CHANNEL =====
GPNM1        SINE.100
GPZ1         10.00 %
P16          1000.00 usec
NDO          1
NUC2          13C
SFO2         400.1319 MHz
FIDRES        9.456450 Hz
SW           4.396 ppm
FNAME        OF
SI           2048
SF           400.1300095 MHz
SFO          SINE
SFO2         SINE
GB           0.00 Hz
PC           1.40
SI           512
MC2          OF
SF           400.1300095 MHz
SFO          SINE
SSB          0.00 Hz
LB           0
GB
    
```

SSK-9-SSR-INDIOL-1H

```

NAME          SSK-9-SSR-INDIOL-1H
EXPNO         3
PROCNO        1
Date_         20141025
Time          19.47
INSTRUM       spect
PROBHD        5 mm PABBO BBI-
PULPROG       zgpg30
TD            52720
SOLVENT       CDCl3
NS            46
DS            0
SWH           8223.685 Hz
FIDRES       0.151522 Hz
AQ           3.2999091 sec
RG           20.2
DM           60.800 usec
DE           6.50 usec
TE           296.1 K
D1           1.00000000 sec
TD0          1
===== CHANNEL f1 =====
NUC1          1H
P1           14.70 usec
PL1          -1.00 dB
PL1W         10.56200695 W
SFO1         400.1324710 MHz
SI           32768
SF           400.1318646 MHz
WDW          EM
SSB          0
LB           0.30 Hz
GB           0
PC           1.00
    
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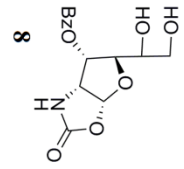
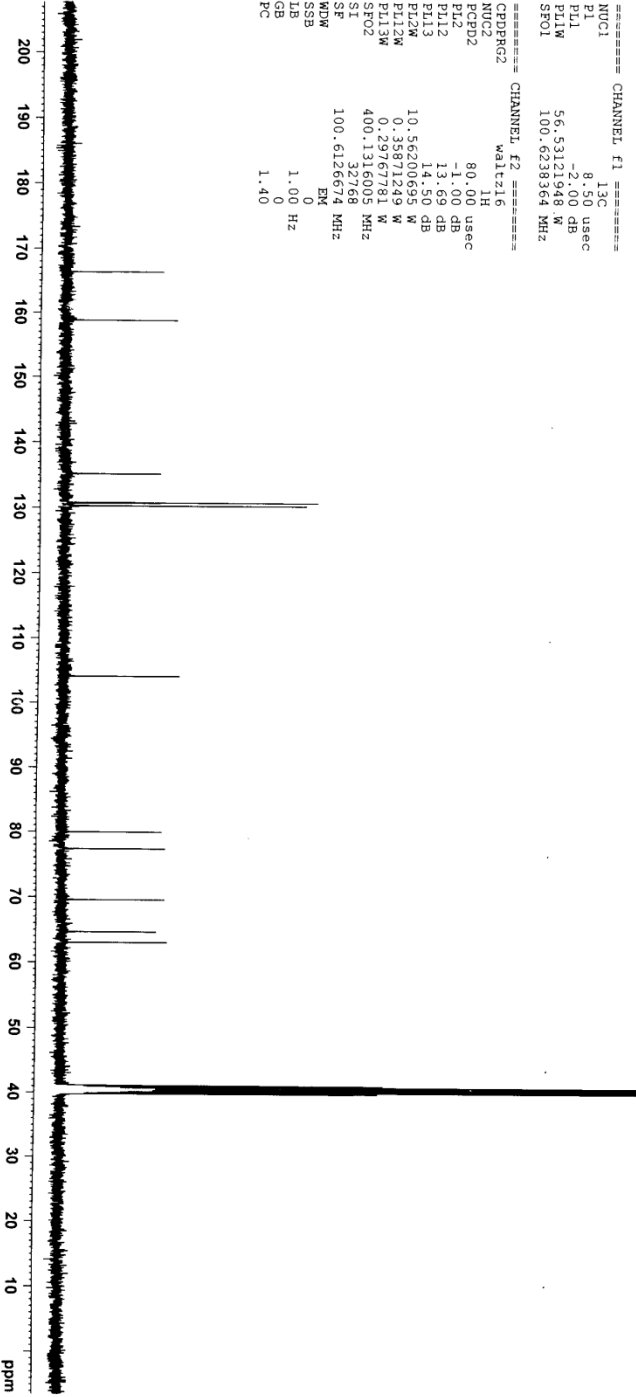
SSK-9-SSR-TNDIOL-13C

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PROCNO        1
Date_         20141026
Time          10:34
INSTRUM       spect
PROBHD        5 mm PABBO-BB
PULPROG       zgpg30
TD            65536
SOLVENT       DMSO
NS            1094
DS            4
SWH           26041.666 Hz
FIDRES       0.397364 Hz
AQ           1.2583412 sec
RG           2050
DM           19.200 usec
DE           6.250 usec
TE           293.2 K
D1           1.0002000 sec
D11          0.0300000 sec
TD0          1

===== CHANNEL f1 =====
NUC1          13C
P1            8.50 usec
PL1          -2.00 dB
PL1W         56.53121948 W
SFO1         100.6238364 MHz

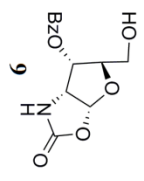
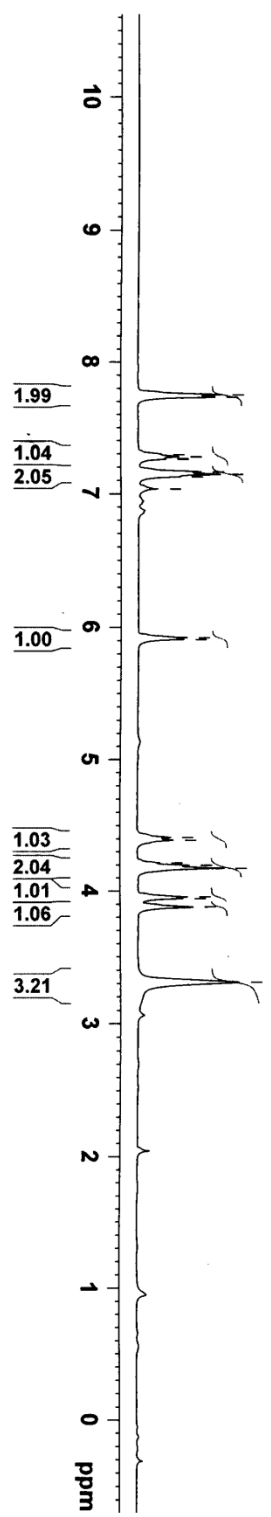
===== CHANNEL f2 =====
CPDPRG2      waltz16
NUC2          13C
PCPD2        80.00 usec
PL2          -1.00 dB
PL2W         13.69 dB
PL3          14.50 dB
PL3W         10.56200695 W
PL12W        0.35871249 W
PL13W        0.29767781 W
SFO2         400.1316005 MHz
SI           32768
SF           100.6126674 MHz
WDW          EM
SSB          0
LB           1.00 Hz
GB           0
PC           1.40
  
```



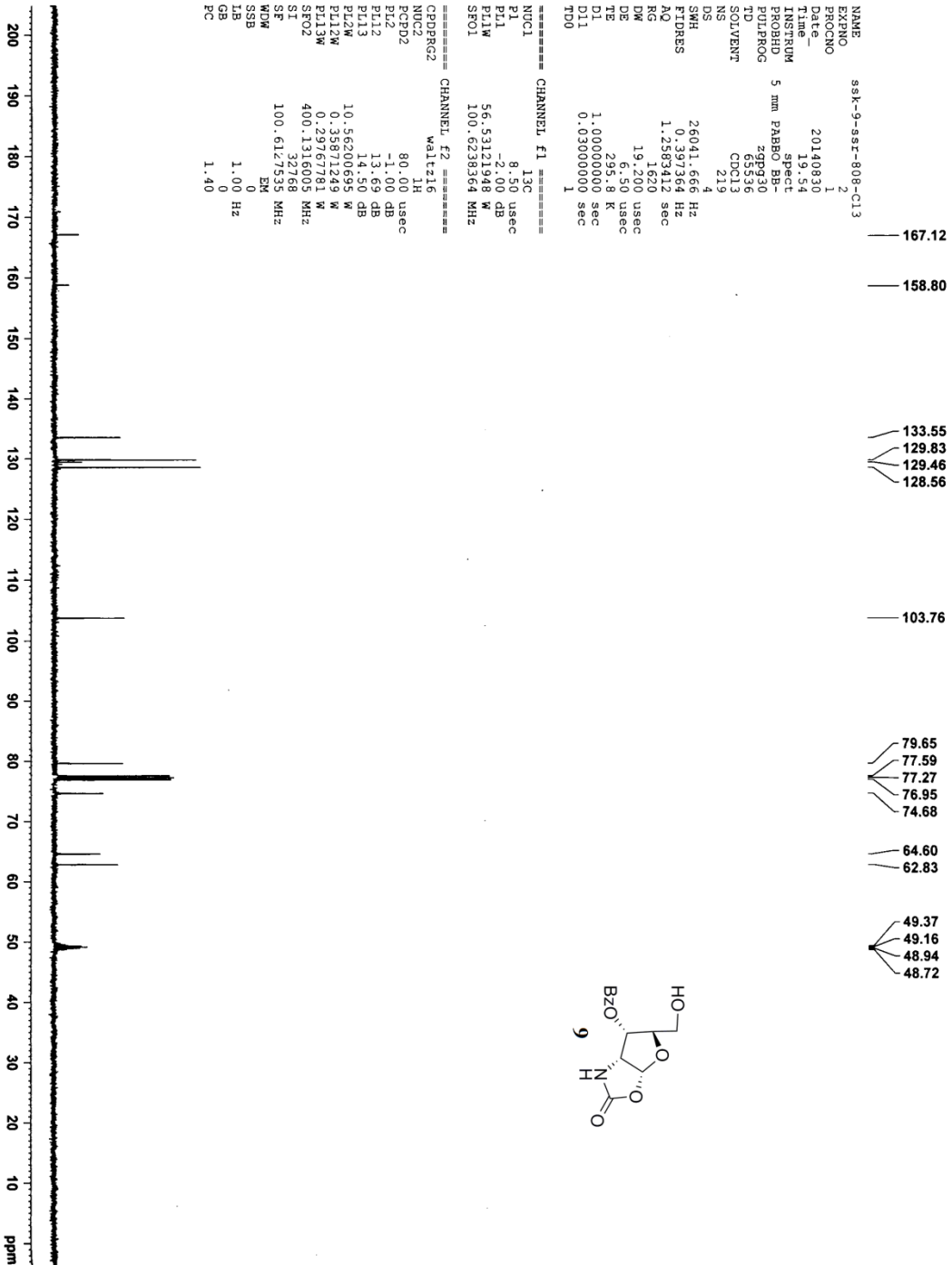
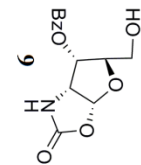
SSK-9-SSR-808-H1

NAME	ssk-9-ssr-808-H1	
EXPNO	2	7.753
PROCNO	1	7.735
Date_	20140830	7.296
Time_	19.47	7.280
INSTRUM	5 mm PABBO_BB-	7.265
PROBHD	spec1	7.262
PULPROG	zg30	7.166
TD	54274	7.147
SOLVENT	CDCl3	7.129
NS	24	7.035
DS	0	
SWH	8223.685 Hz	
FIDRES	0.151522 Hz	
AQ	3.2999091 sec	5.922
RG	101	5.909
DW	60.800 usec	
DE	6.50 usec	
TE	294.9 K	
D1	1.00000000 sec	
TD0	1	

===== CHANNEL f1 =====	
NUC1	1H
PL	14.75 usec
PL1	-1.00 dB
PL1W	10.56200695 W
SFO1	400.1324710 MHz
SI	32768
SF	400.1300992 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



SSK-9-SSR-808-C13



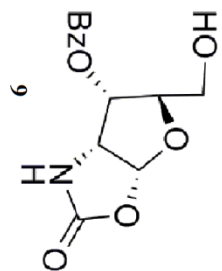
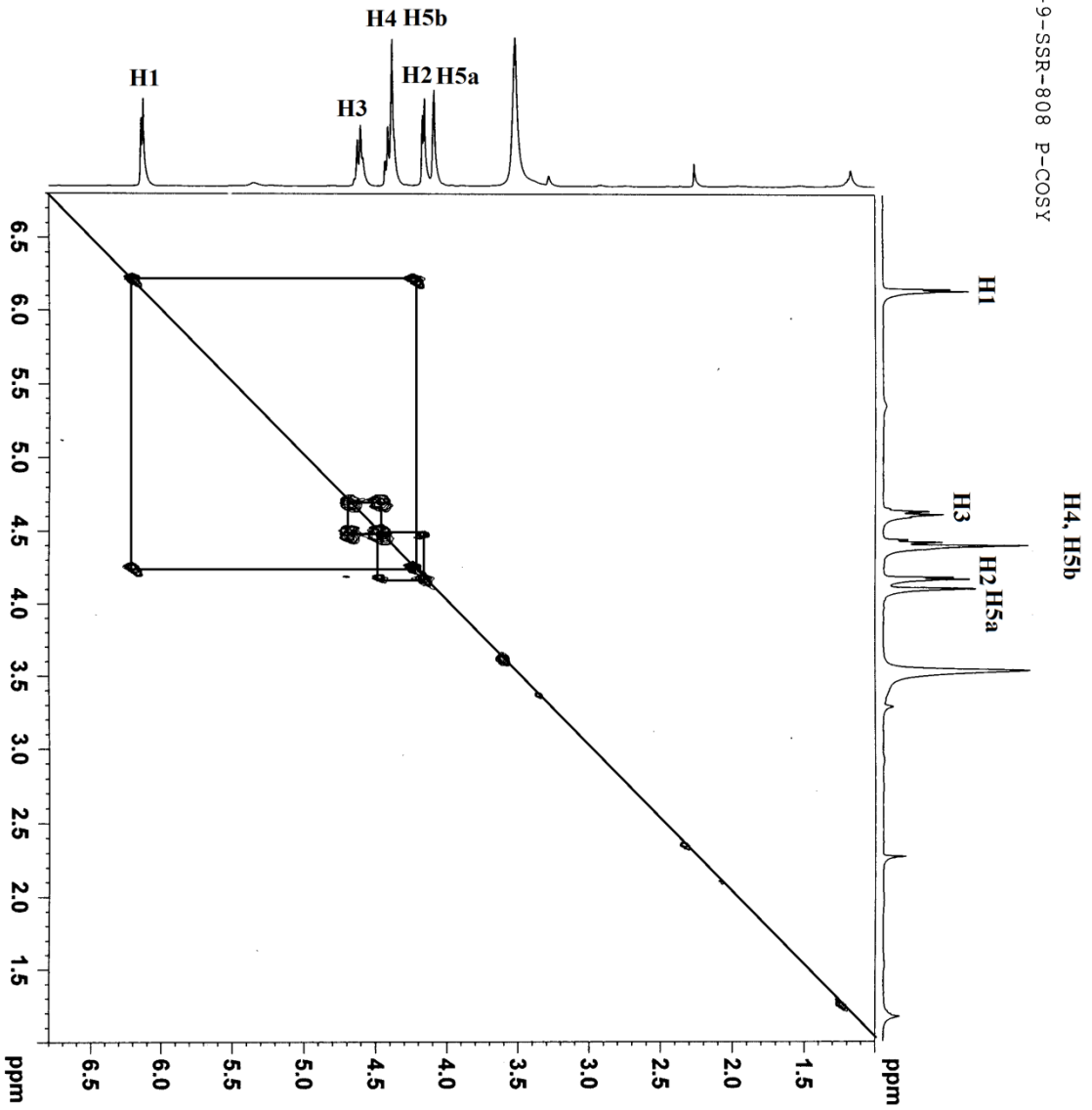
```

NAME          ssk-9-ssr-808-c13
EXPNO         2
PROCNO        20140830
Time          19.54
INSTRUM       5 mm PABBO BB-
PROBHD        zppg30
PULPROG       zgpg30
TD            65536
SOLVENT       CDCl3
NS            219
DS            4
SWH           26041.666 Hz
FIDRES        0.397364 Hz
AQ            1.2583412 sec
RG            1620
DM            19.200 usec
DE            6.50 usec
TE            295.8 K
D1            1.0000000 sec
D11           0.0300000 sec
TD0           1

===== CHANNEL f1 =====
NUC1          13C
P1            8.50 usec
PL1          -2.00 dB
SFO1         100.6238364 MHz

===== CHANNEL f2 =====
CPDPRG2      waltz16
NUC2          1H
PCPD2        80.00 usec
PL2          -1.00 dB
PL12         13.69 dB
PL13         14.50 dB
PL2W         10.56200695 W
PL12W        0.35871249 W
PL13W        0.29767781 W
SFO2         400.1316005 MHz
SI            32768
SF           100.6127535 MHz
WOW           0
SSB           0
LB            1.00 Hz
GB            0
PC            1.40
    
```

SSK-9-SSR-808 P-COSY



```

NAME          SSK-9-SSR-808 P-COSY
EXPNO        5
PROCNO       1
Date_         20140830
Time         20.41
INSTRUM      spect
PROBHD       5 mm PABBO BB-
PULPROG      zgpg30
TD           65536
SOLVENT      DMSO
CPC1         8
NS           16
DS           16
SWH          4000.000 Hz
FIDRES      1.953125 Hz
AQ          0.2560500 sec
RG          125.287
DM          1.500 usec
DE          24.8
TE          298.2
D0          0.00000300 sec
D1          1.000000000 sec
D13         0.00000400 sec
D16         0.00020000 sec
DNO         0.00025000 sec

===== CHANNEL f1 =====
NUC1         1H
P0          14.75 usec
PL1         -1.00 dB
PL12        10.56200695 W
SFO1         400.1320007 MHz

===== CHANNEL f2 =====
GRNAM1      GRADIENT CHANNEL
GPZ1        SINE.100
P16         1000.00 usec
NDO         1
TD          299
SFO1        400.132 MHz
SF02        13.97788 Hz
SM          9.997 PPM
FMODE       OF
SI          2048
SF          400.1299787 MHz
WDW         SINE
SSB         0
GB          0.00 Hz
PC          1.40
SI          512
MC2         OF
SF          400.1299787 MHz
WDW         SINE
SSB         0
GB          0.00 Hz
  
```

ssk-9-ssr-812-H1

Current Data Parameters
NAME ssk-9-ssr-812-H1
EXPNO 5
PROCNO 1

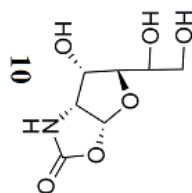
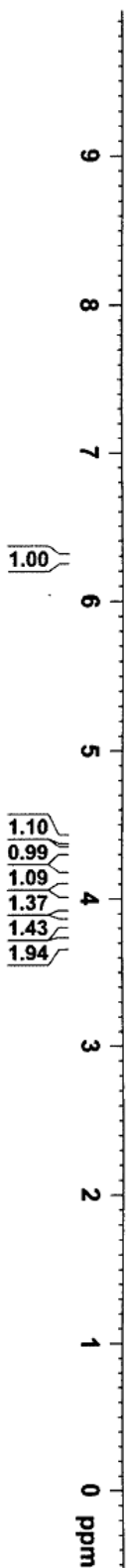
F2 - Acquisition Parameters
Date_ 20140902
Time 22.47

INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT D2O
NS 26

DS 2
SMH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.276799 sec
RG 53.37
DM 50.000 usec
DE 6.50 usec
TE 297.1 K
D1 1.0000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 500.1330885 MHz
NUC1 1H
P1 13.00 usec
PLW1 13.000000000 W

F2 - Processing parameters
SI 65536
SF 500.1299492 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



SK-9-ssr-812-C13

Current Data Parameters
 NAME ssk-9-ssr-812-C13
 EXPRN 1
 PROCNO 1

159.91

103.86

80.07

73.45

68.09

64.01

63.26

63.26

63.26

63.26

63.26

63.26

63.26

63.26

63.26

63.26

63.26

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63.26

63.26

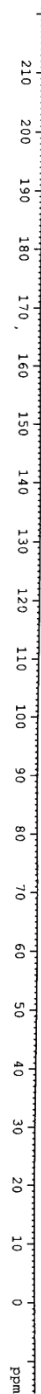
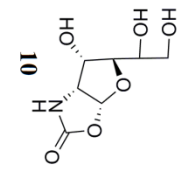
63.26

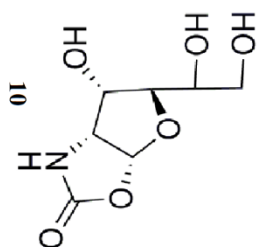
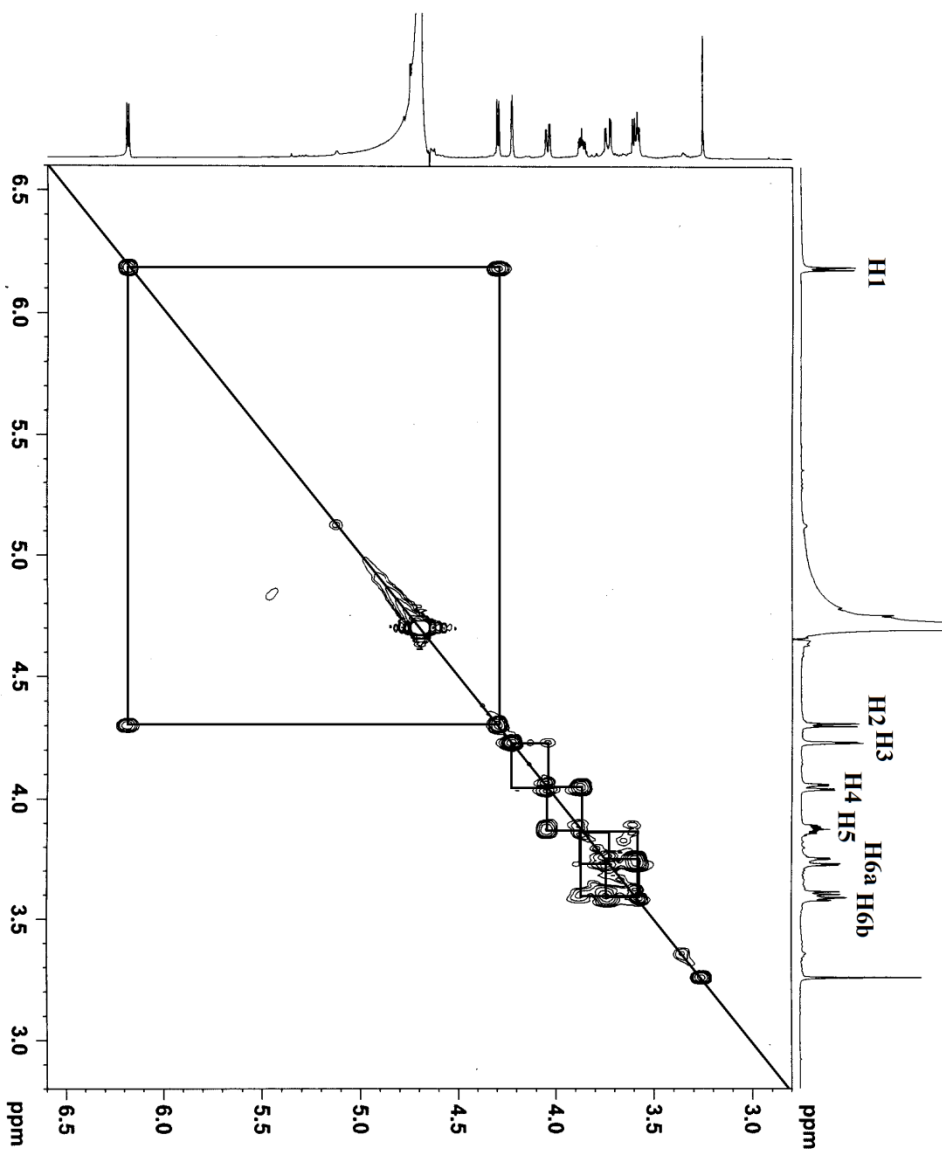
F2 - Acquisition Parameters
 Date_ 20140902
 Time_ 22.48
 INSTRM 1
 PROBD 5 mm PABOC BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT D2O
 DS 450
 SWH 23761.904 Hz
 FIDRES 0.454131 Hz
 AQ 1.1010048 sec
 RG 197.27
 DM 16.800 usec
 DE 2.000 usec
 TE 297.2
 D1 1.00000000 sec
 D11 0.03000000 sec
 TDO 1

===== CHANNEL f1 =====
 SFO1 125.7703637 MHz
 NUCL 13C
 P1 8.90 usec
 PL1 103.00000000 W
 ELW1

===== CHANNEL f2 =====
 SFO2 500.1320005 MHz
 NUCL 1H
 CPDPRG12 waltz16
 PCPD2 80.00 usec
 PWD2 13.00000000 W
 TPD2 2.000 usec
 PWD3 0.2196939 W
 PWD4

F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 W 1.00 Hz
 SSB 0
 LB 0
 GB 0
 PC 1.40





SKK-9-SSR-813-h1

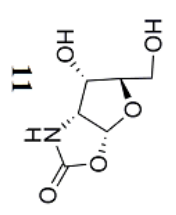
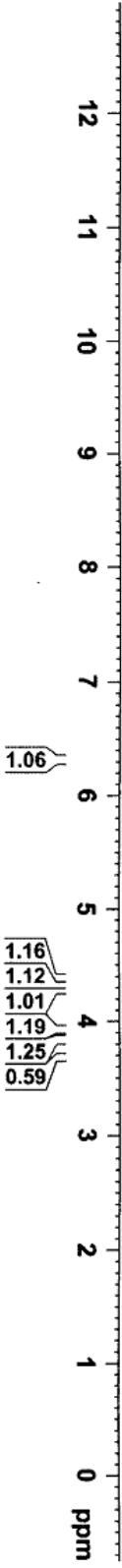
Current Data Parameters
NAME skk-9-ssr-813-h1
EXPNO 4
PROCNO 1

F2 - Acquisition Parameters

Date_ 20140902
Time 22.32
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT D2O
NS 34
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2767999 sec
RG 30.72
DM 50.000 usec
DE 6.50 usec
TE 297.0 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
SFO1 500.1330885 MHz
NUC1 1H
P1 13.00 usec
PLM1 13.000000000 W

F2 - Processing parameters
SI 65536
SF 500.1299492 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

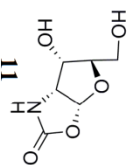


SK-9-SSR-813-C13

Current Data Parameters
 DATE 20140902
 TIME 12:42:42
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters

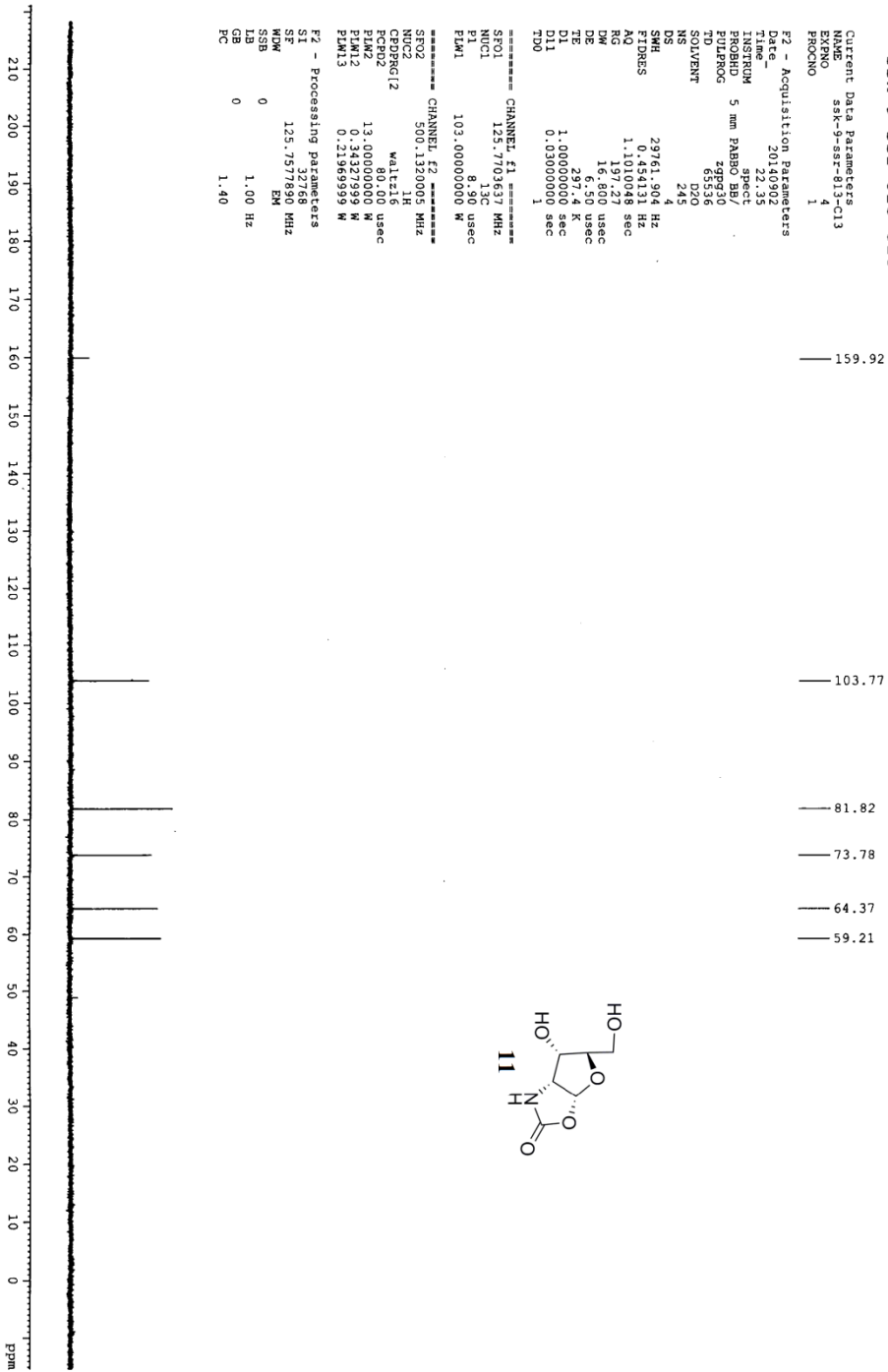
Date_ 20140902
 Time_ 12:42:42
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT D2O
 NS 42
 DS 4
 SWH 29761.904 Hz
 FIDRES 0.454131 Hz
 AQ 1.1010048 sec
 RG 197.27
 RW 16.600 usec
 DM 6.50 usec
 TE 297.4 K
 D1 1.00000000 sec
 D11 0.03000000 sec
 TDO 1

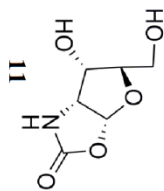
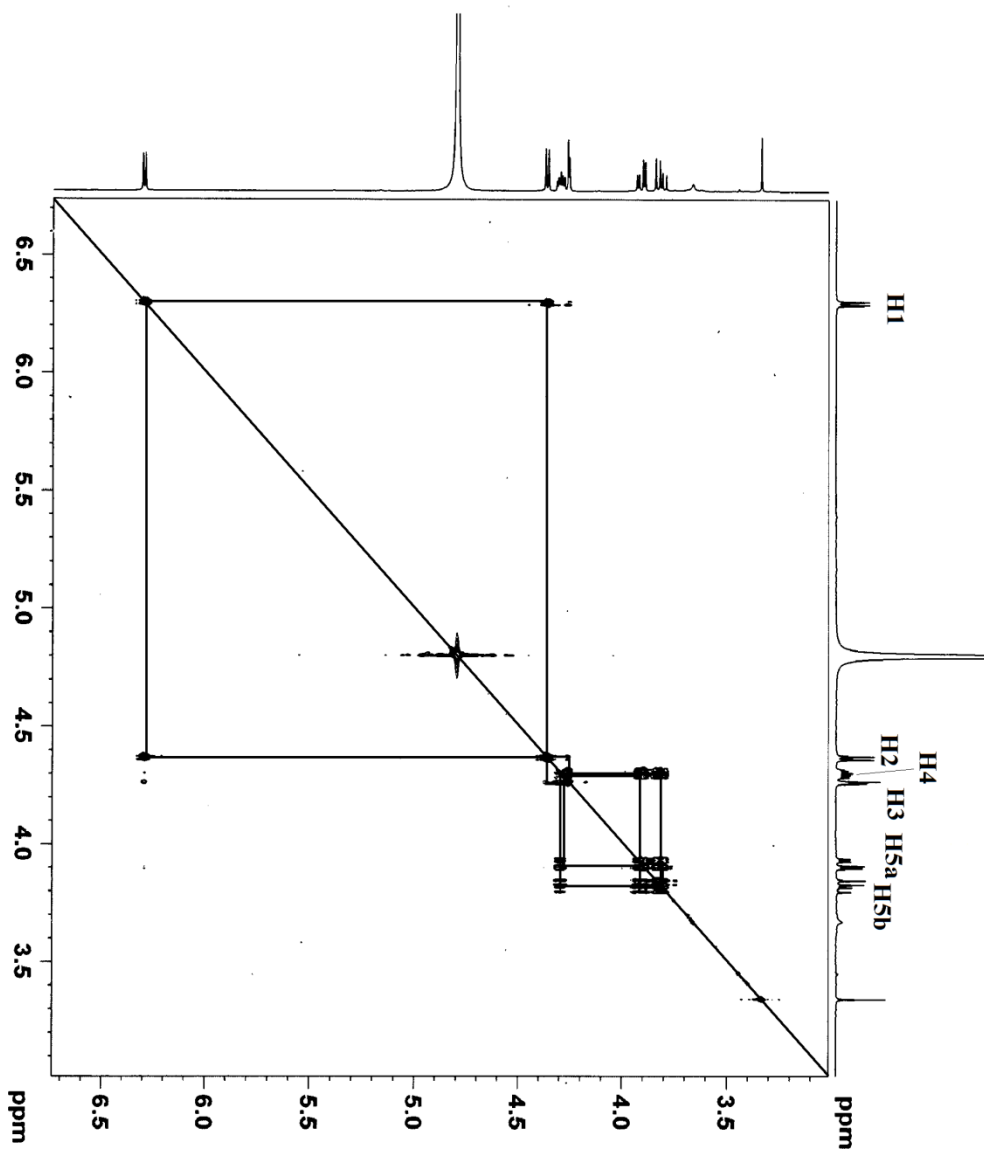


***** CHANNEL f1 *****
 SF01 125.7703637 MHz
 NUC1 13C
 P1 8.90 usec
 PLW1 103.00000000 W

***** CHANNEL f2 *****
 SF02 500.1320005 MHz
 NUC2 1H
 CPDPRG12 waltz16
 FCRP2 80.00 usec
 F1W1 13.00000000 W
 F1W2 13.00000000 W
 F1W3 0.21969999 W
 PLM13 0.21969999 W

F2 - Processing parameters
 SI 32768
 SF 125.7577890 MHz
 N 4096
 SSB EM
 LB 0 1.00 Hz
 GB 0
 PC 1.40





```

NAME          SSK-9-SSR-813-COSY
EXPNO         10
PROCNO        1
DATE_         20140906
TIME         21.06
INSTRUM       spect
PROBHD        5 mm PABBO BR-
PULPROG       cosypp4f
TD            2048
SOLVENT       D2O
NS            16
DS            16
SWH           1490.757 Hz
FIDRES        0.727909 Hz
AQ            0.6869482 sec
RG            335.422 usec
KW           6.50 usec
DE           295.4 K
TE            0.00000300 sec
DO            1.00000000 sec
D1            0.00200000 sec
D12           0.00200000 sec
D13           0.00200000 sec
INO           0.00657080 sec

CHANNEL F1
NUC1          1H
P1            14.75 usec
PL1           14.75 usec
PL12          -1.00 dB
PL1W          10.56200695 W
SFO1          400.1319121 MHz

CHANNEL G1
GPNAM1       GRADIENT CHANNEL
SINE100     10.00 %
GPZ1        1000.00 usec
NDO          1
TD           256
SFO1         400.1316 MHz
FIDRES       5.823216 Hz
SW           3.726 ppm
F1WMODE      OF
SI           2048 MHz
SF           400.1299608 MHz
SFR          SINE
SSB          0
GB           0 Hz
LB           0 Hz
PC           1.40
SI           512
WDW          EM
SF           400.1299608 MHz
WDW          SINE
SSB          0
LB           0.00 Hz
  
```