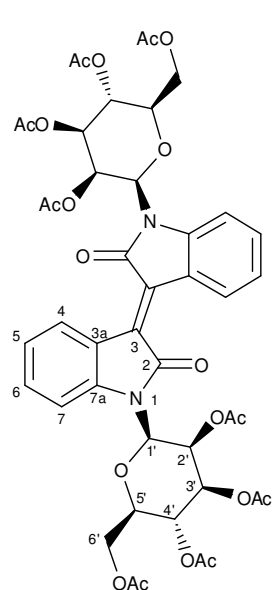
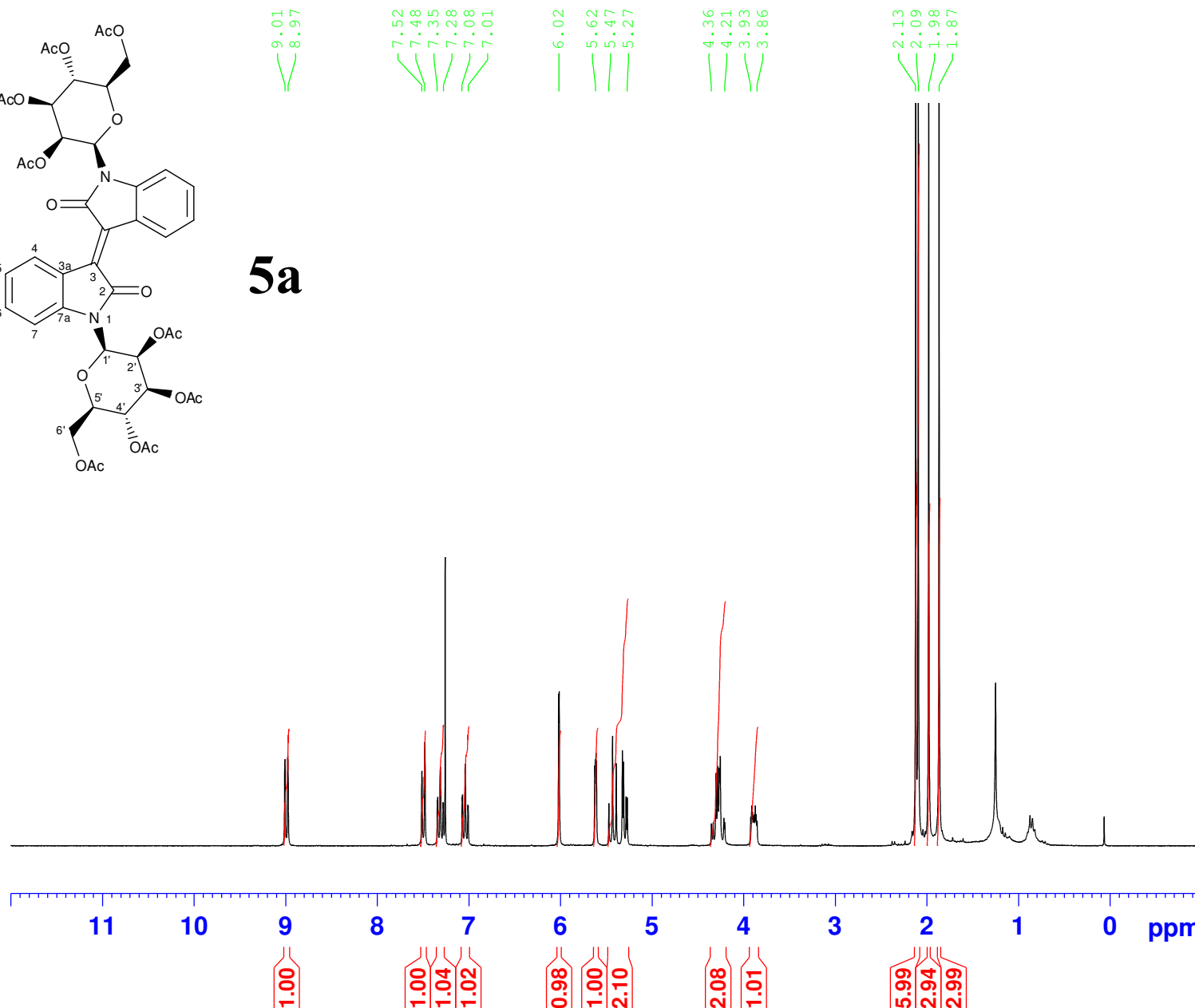


Kleeblatt DKP087 1H CDC13



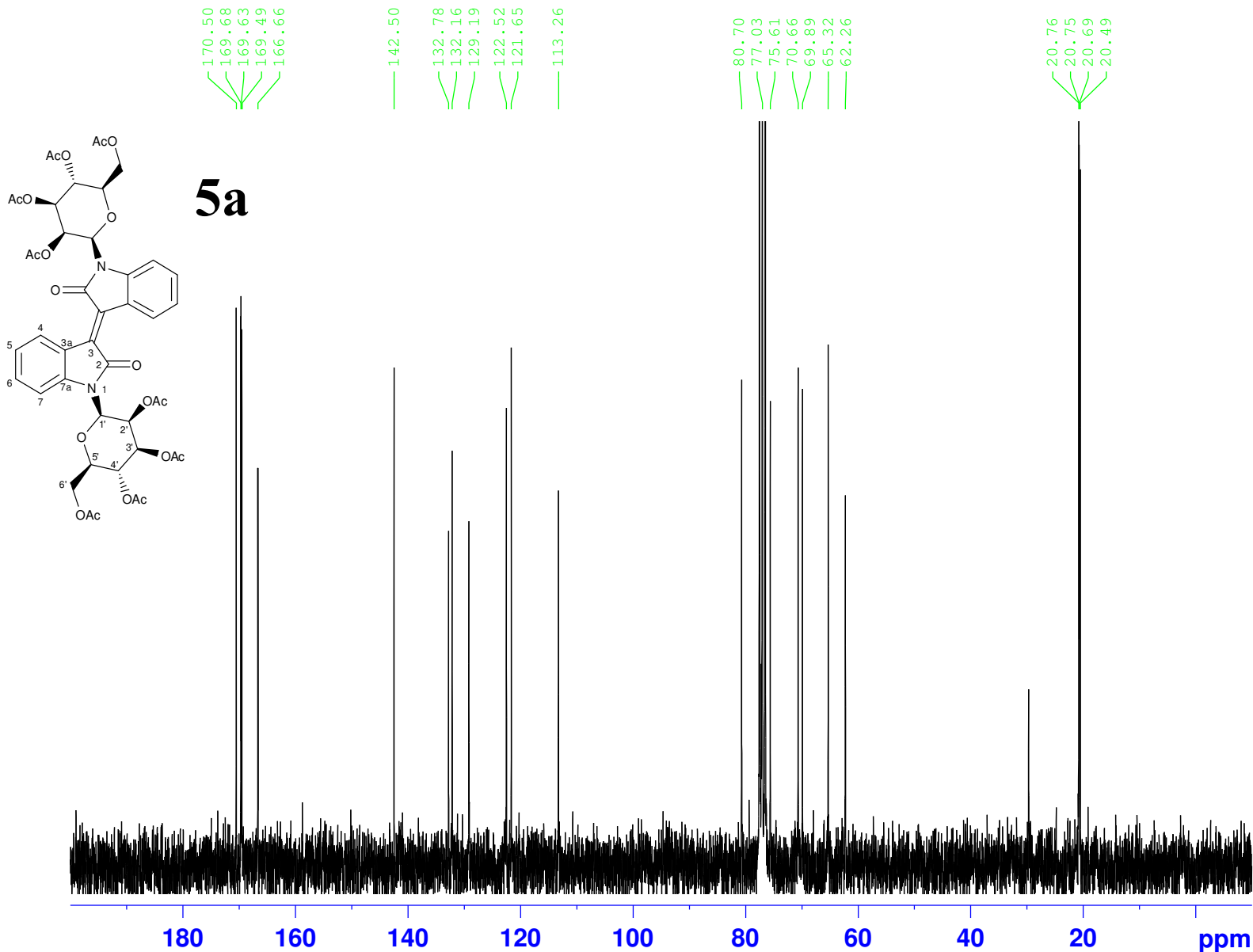
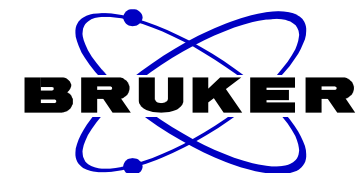
5a



NAME 110404.208
EXPNO 10
PROCNO 1
Date_ 20110405
Time 0.55
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 5165.289 Hz
FIDRES 0.078816 Hz
AQ 6.3439350 sec
RG 456
DW 96.800 usec
DE 10.00 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.00 usec
PL1 -2.50 dB
SFO1 250.1315447 MHz
SI 32768
SF 250.1300006 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

Kleeblatt DKP087 ¹³C CDC13



```

NAME           101215.206
EXPNO           10
PROCNO          1
Date_           20101215
Time            19.58
INSTRUM         spect
PROBHD          5 mm PABBO BB-
PULPROG         zgpg30
TD              65536
SOLVENT         CDC13
NS              1024
DS              4
SWH             15000.000 Hz
FIDRES          0.228882 Hz
AQ              2.1845834 sec
RG              2050
DW              33.333 usec
DE              10.00 usec
TE              297.9 K
D1              2.00000000 sec
d11             0.03000000 sec
DELTA           1.89999998 sec
TD0             1
    
```

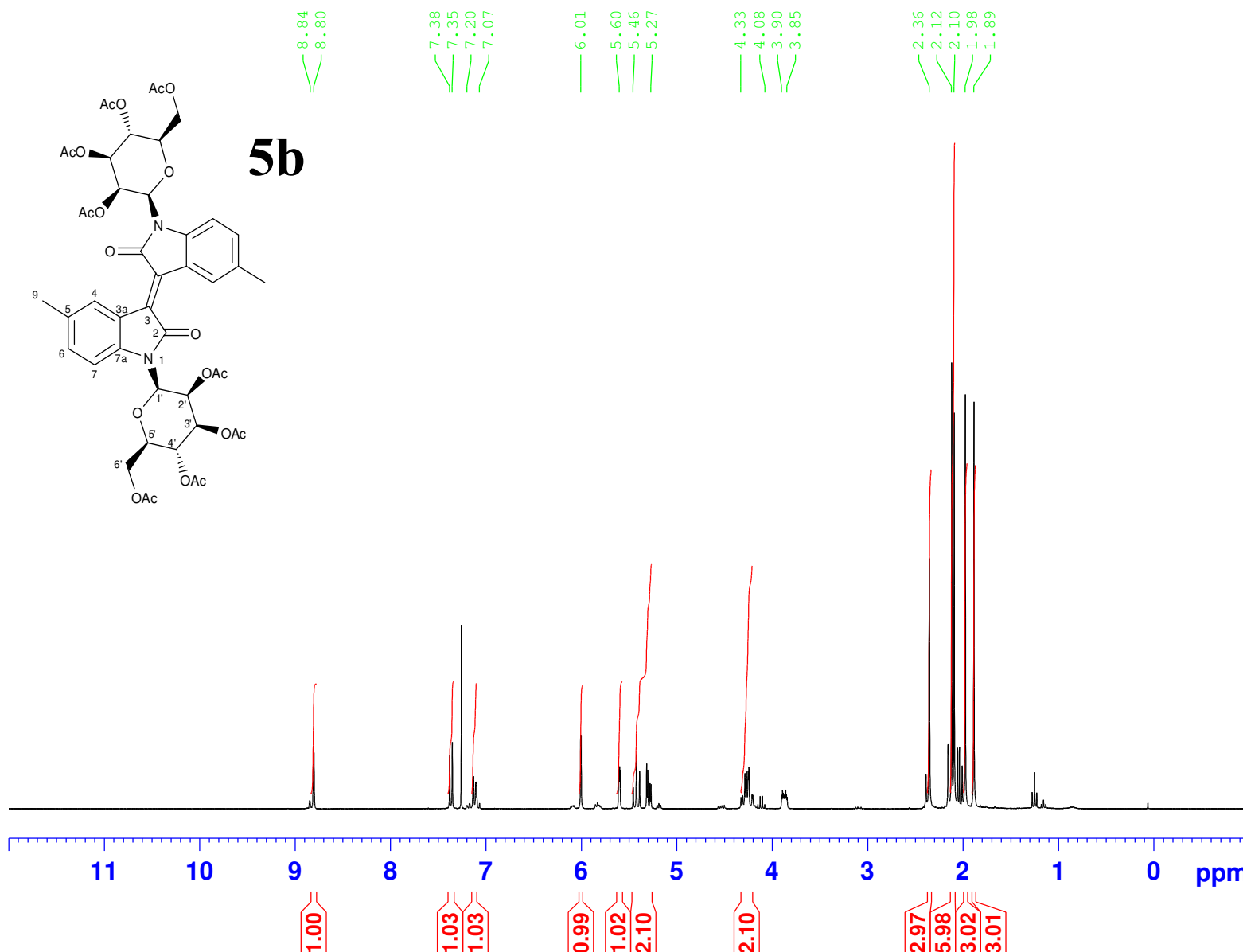
```

===== CHANNEL f1 =====
NUC1             13C
P1              10.00 usec
PL1             -1.00 dB
SFO1            62.9015280 MHz
    
```

```

===== CHANNEL f2 =====
CPDPRG2          waltz16
NUC2             1H
PCPD2           70.00 usec
PL12            15.00 dB
PL13            15.00 dB
PL2             -2.50 dB
SFO2            250.1310005 MHz
SI              32768
SF             62.8952383 MHz
WDW             EM
SSB             0
LB              1.00 Hz
GB              0
PC              1.40
    
```

Kleeblatt, DKP105, CDC13, 1 H



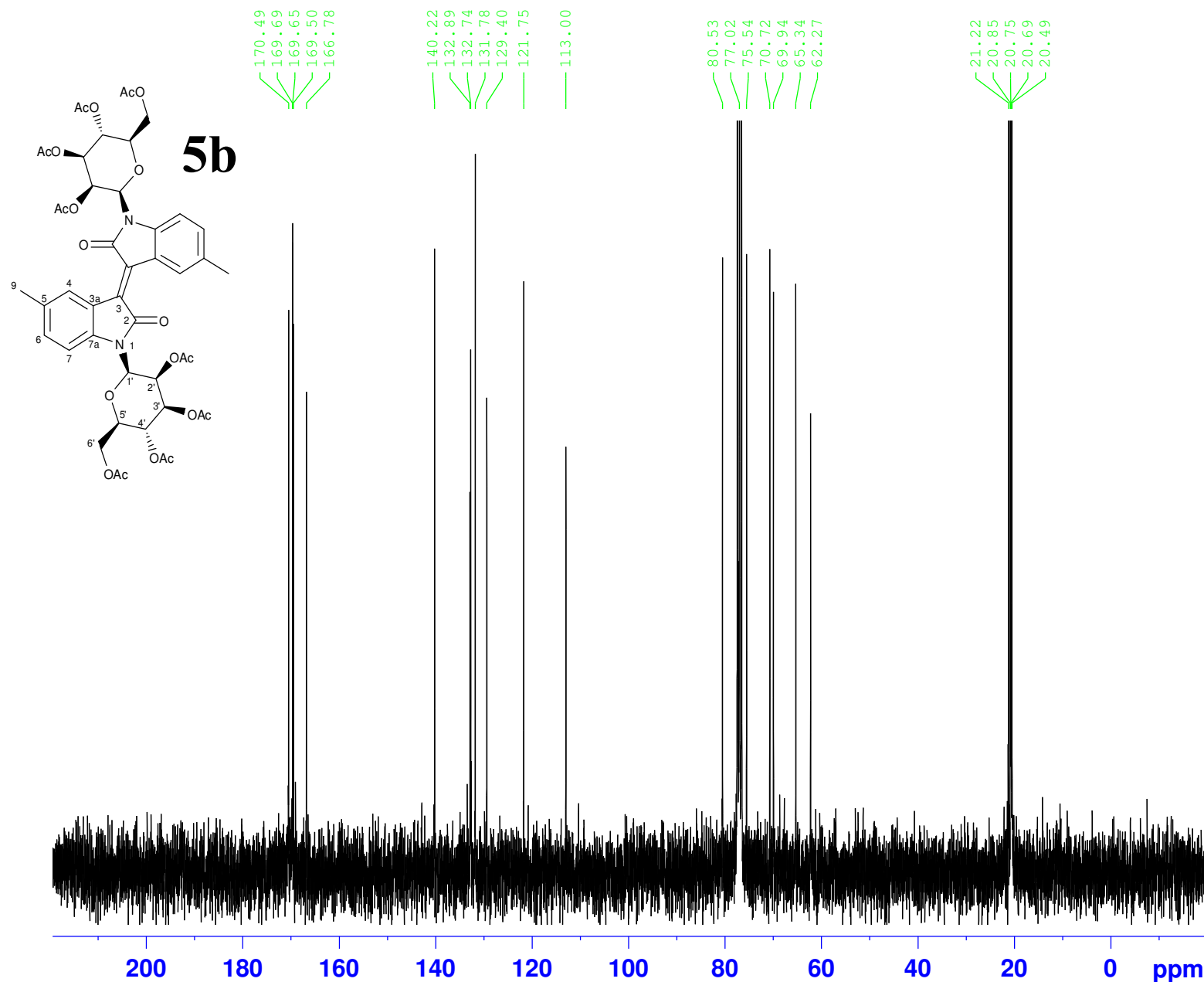
```

NAME      101210.u324
EXPNO     10
PROCNO    1
Date_     20101210
Time      11.50
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zg30
TD        65536
SOLVENT   CDC13
NS        16
DS        2
SWH       6188.119 Hz
FIDRES    0.094423 Hz
AQ        5.2953587 sec
RG        128
DW        80.800 usec
DE        10.00 usec
TE        296.1 K
D1        1.00000000 sec
TD0       1
    
```

```

===== CHANNEL f1 =====
NUC1      1H
P1        10.00 usec
PL1       0.00 dB
PL1W      11.25325108 W
SFO1      300.1318534 MHz
SI        32768
SF        300.1300081 MHz
WDW       EM
SSB       0
LB        0.30 Hz
GB        0
PC        1.00
    
```

Kleeblatt, DKP105, CDCl₃, ¹³C



```

NAME      101210.u324
EXPNO     11
PROCNO    1
Date_     20101210
Time      20.50
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD        65536
SOLVENT   CDCl3
NS        1024
DS        4
SWH       18028.846 Hz
FIDRES    0.275098 Hz
AQ        1.8175818 sec
RG        2050
DW        27.733 usec
DE        10.00 usec
TE        298.2 K
D1        2.00000000 sec
D11       0.03000000 sec
TD0       1
  
```

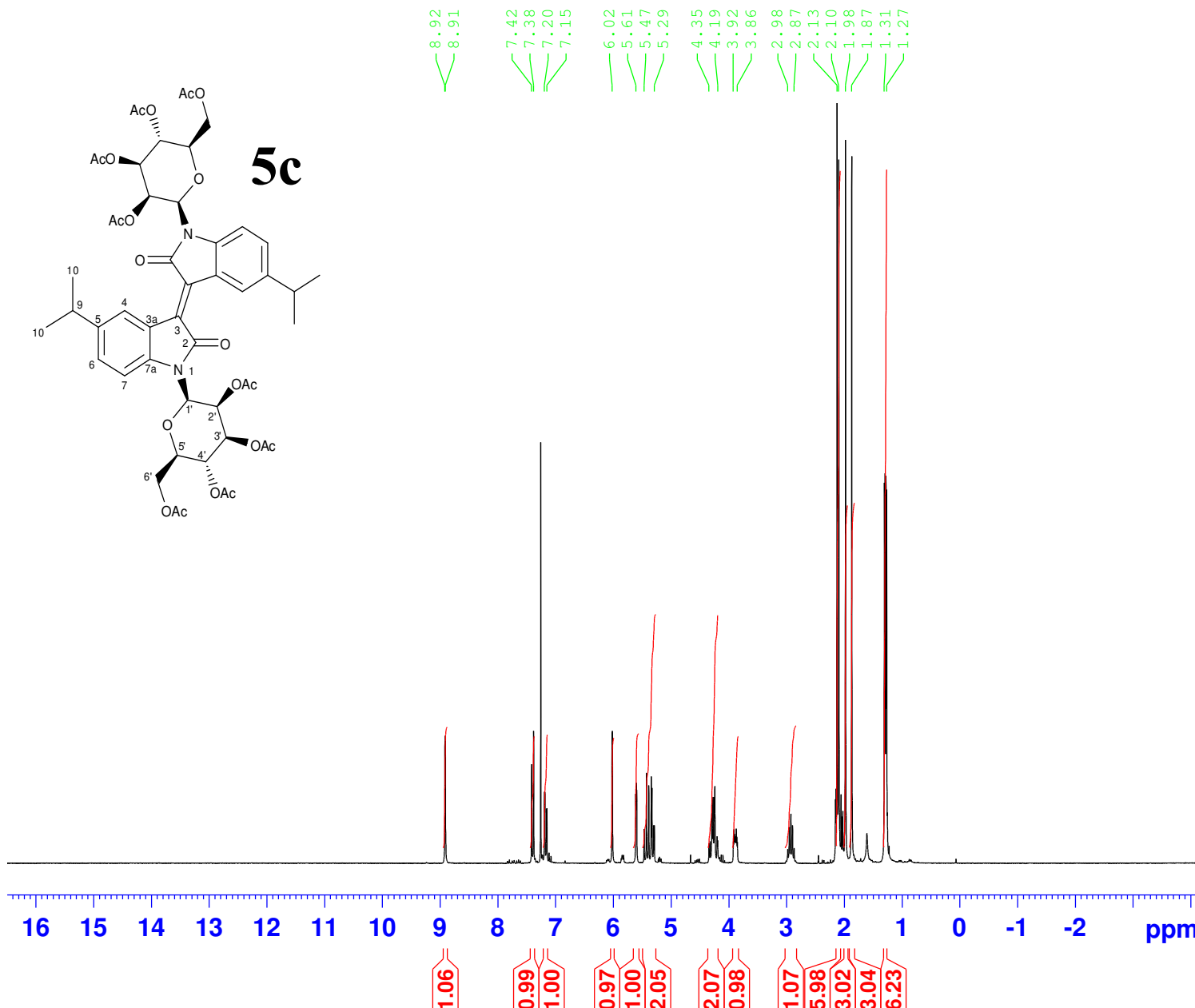
```

===== CHANNEL f1 =====
NUC1      13C
P1        10.00 usec
PL1       -0.50 dB
PL1W      33.25691986 W
SFO1      75.4752953 MHz
  
```

```

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2      1H
PCPD2     72.00 usec
PL2       0.00 dB
PL12      17.00 dB
PL13      17.00 dB
PL2W      11.25325108 W
PL12W     0.22453187 W
PL13W     0.22453187 W
SFO2      300.1312005 MHz
SI        32768
SF        75.4677503 MHz
WDW       EM
SSB       0
LB        1.00 Hz
GB        0
PC        1.40
  
```

Kleeblatt, DKP106, CDCl₃, 1H



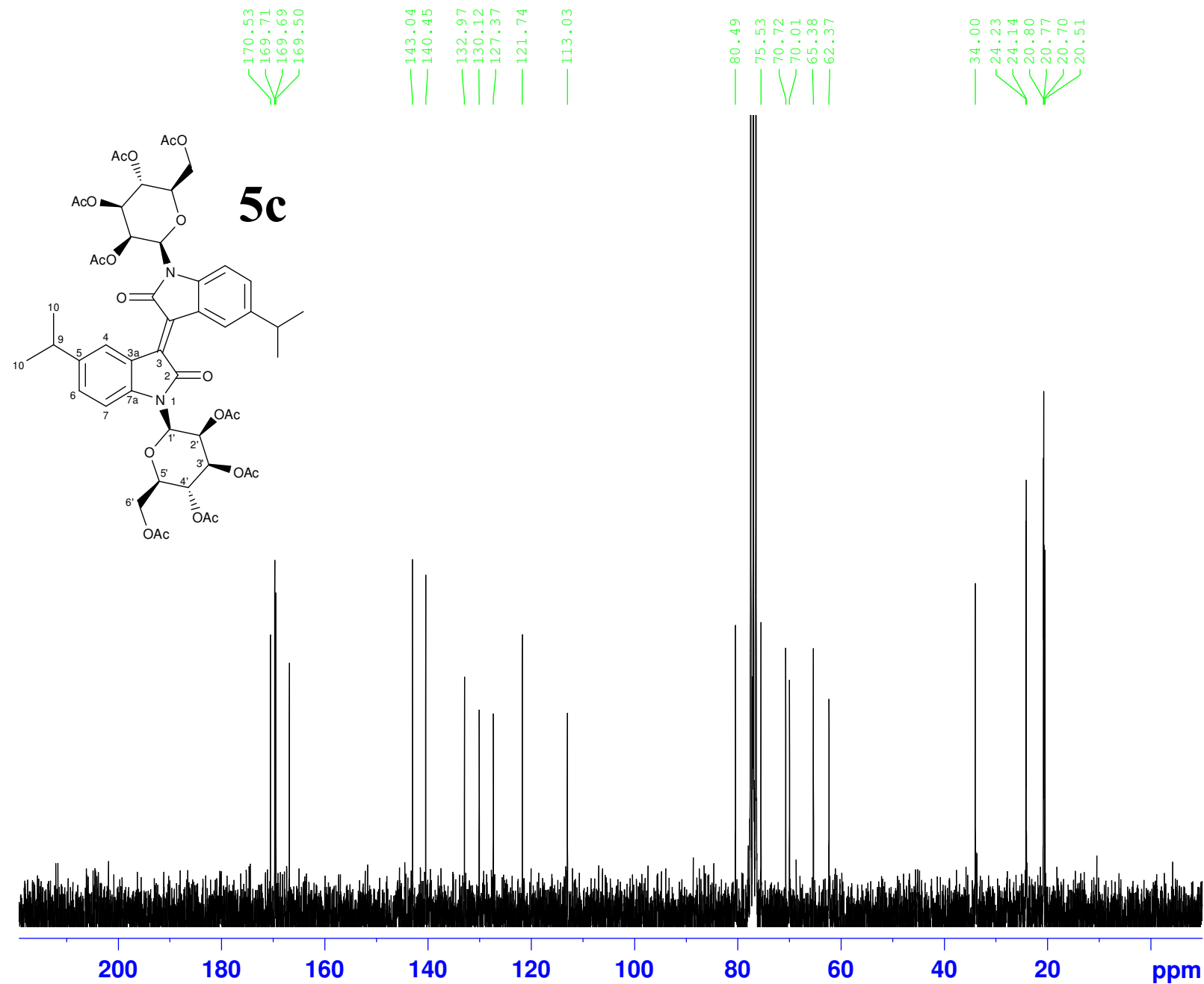
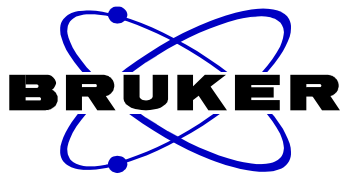
```

NAME          101210.233
EXPNO         10
PROCNO        1
Date_         20101213
Time          9.42
INSTRUM       spect
PROBHD        5 mm PABBO BB-
PULPROG       zg30
TD            65536
SOLVENT       CDCl3
NS            16
DS            2
SWH           5165.289 Hz
FIDRES        0.078816 Hz
AQ            6.3439350 sec
RG            724
DW            96.800 usec
DE            10.00 usec
TE            298.0 K
D1            1.00000000 sec
TD0           1
    
```

```

===== CHANNEL f1 =====
NUC1          1H
P1            10.00 usec
PL1           -2.50 dB
SFO1          250.1315447 MHz
SI            32768
SF            250.1300006 MHz
WDW           EM
SSB           0
LB            0.30 Hz
GB            0
PC            1.00
    
```

Kleeblatt DKP106 13C CDC13

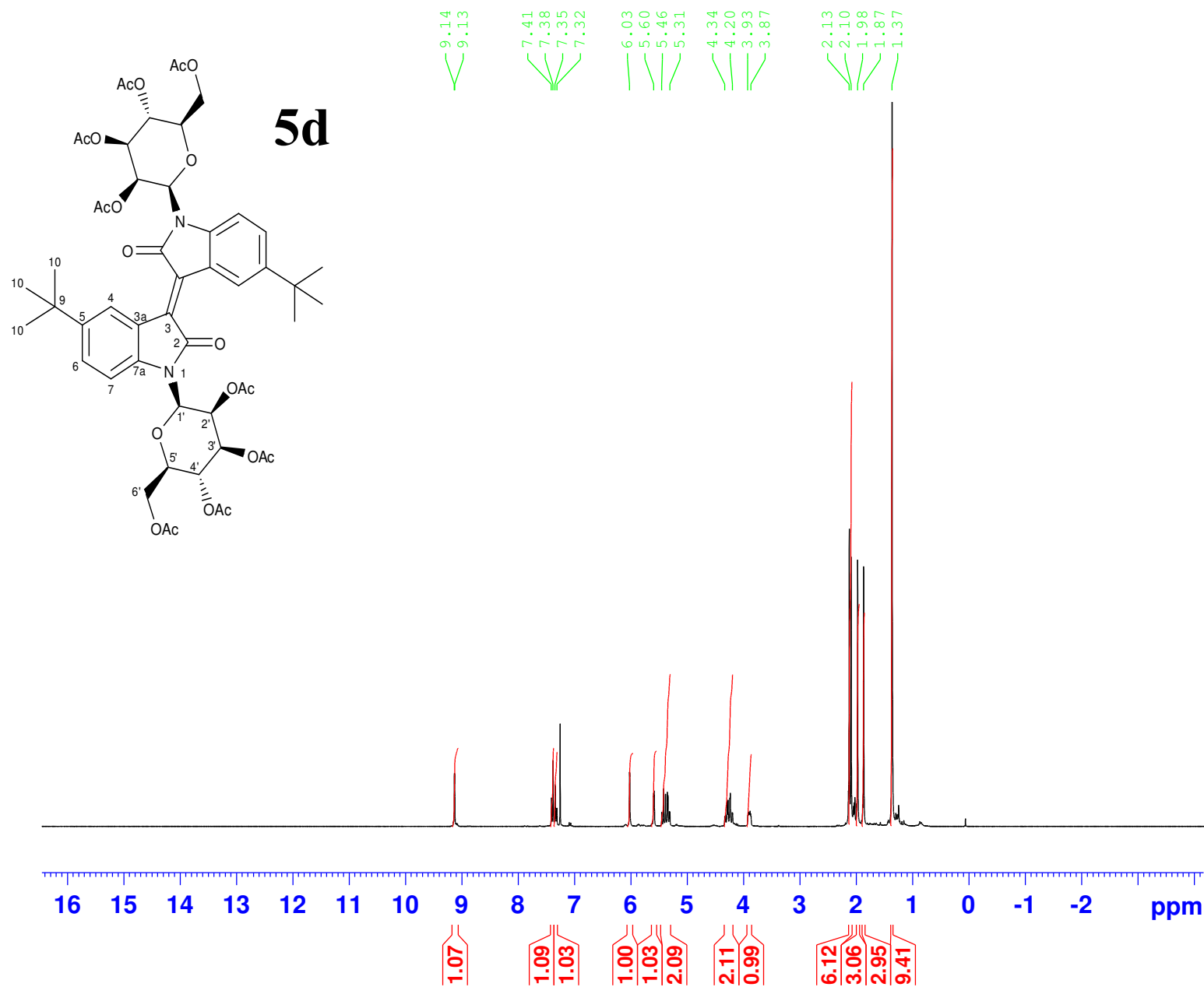
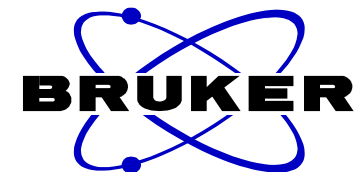


NAME 101215.205
EXPNO 10
PROCNO 1
Date_ 20101215
Time 18.09
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 1200
DS 4
SWH 15000.000 Hz
FIDRES 0.228882 Hz
AQ 2.1845834 sec
RG 2050
DW 33.333 usec
DE 10.00 usec
TE 297.9 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PL1 -1.00 dB
SFO1 62.9015280 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 70.00 usec
PL12 15.00 dB
PL13 15.00 dB
PL2 -2.50 dB
SFO2 250.1310005 MHz
SI 32768
SF 62.8952390 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

Kleeblatt, DKP101, CDCl₃, 1 H

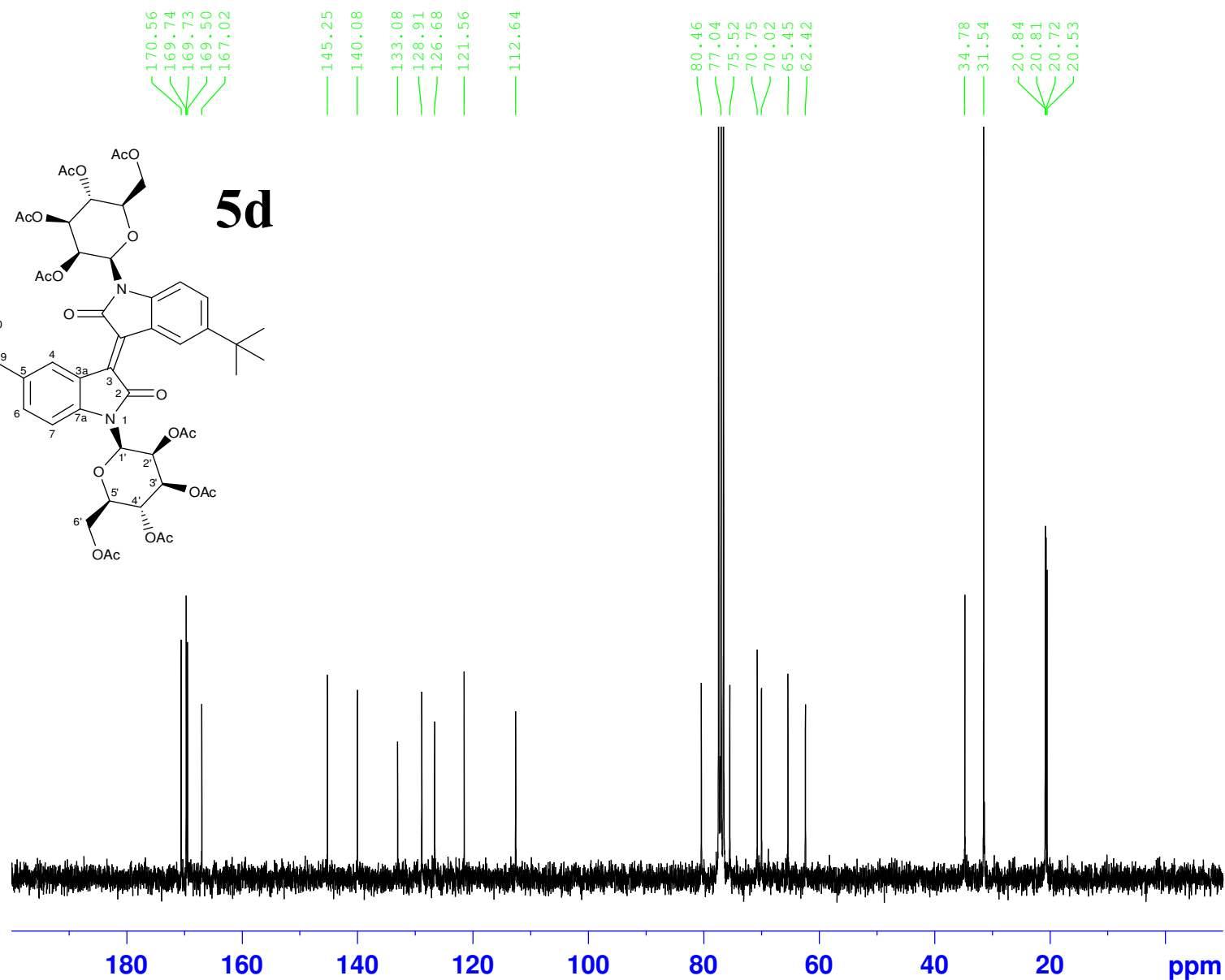
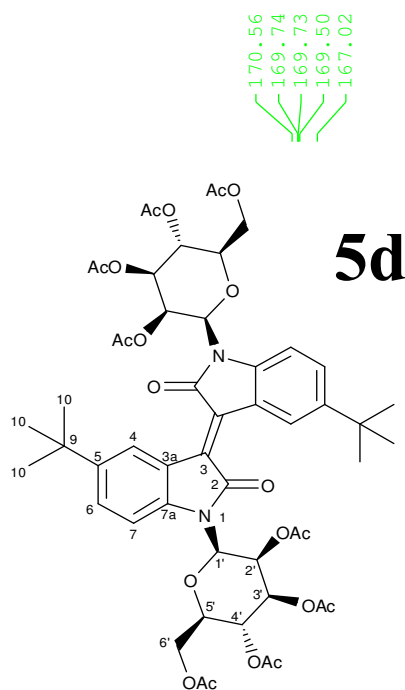


```

NAME      101210.u323
EXPNO      10
PROCNO      1
Date_      20101210
Time       11.44
INSTRUM    spect
PROBHD     5 mm PABBO BB-
PULPROG    zg30
TD         65536
SOLVENT    CDCl3
NS         16
DS         2
SWH        6188.119 Hz
FIDRES     0.094423 Hz
AQ         5.2953587 sec
RG         114
DW         80.800 usec
DE         10.00 usec
TE         296.0 K
D1         1.00000000 sec
TD0        1
  
```

```

===== CHANNEL f1 =====
NUC1       1H
P1         10.00 usec
PL1        0.00 dB
PL1W       11.25325108 W
SFO1       300.1318534 MHz
SI         32768
SF         300.1300088 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00
  
```



NAME	101210.u323		
EXPNO	11		
PROCNO	1		
Date_	20101210		
Time	19.21		
INSTRUM	spect		
PROBHD	5 mm	PABBO	BB-
PULPROG	zgpg30		
TD	65536		
SOLVENT	CDC13		
NS	1024		
DS	4		
SWH	18028.846	Hz	
FIDRES	0.275098	Hz	
AQ	1.8175818	sec	
RG	2050		
DW	27.733	usec	
DE	10.00	usec	
TE	298.2	K	
D1	2.00000000	sec	
D11	0.03000000	sec	
TD0	1		

```

===== CHANNEL f1 =====
NUC1                13C
P1                  10.00 usec
PL1                 -0.50 dB
PL1W                33.25691986 W
SFO1                75.4752953 MHz

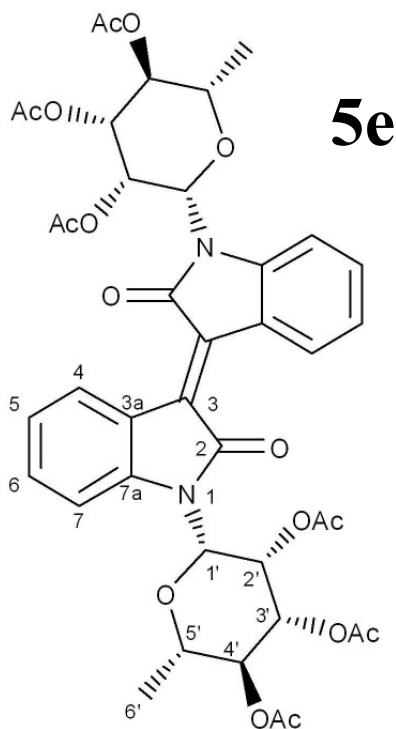
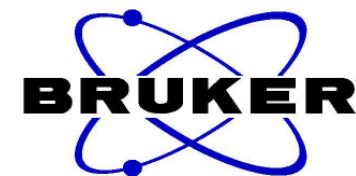
```

```

===== CHANNEL f2 =====
CPDPRG2                waltz16
NUC2                    1H
PCPD2                   72.00   usec
PL2                     0.00   dB
PL12                    17.00   dB
PL13                    17.00   dB
PL2W                   11.25325108 W
PL12W                   0.22453187 W
PL13W                   0.22453187 W
SFO2                   300.1312005 MHz
SI                      32768
SF                      75.4677490 MHz
WDW                     EM
SSB                     0
LB                      1.00   Hz
GB                      0
PC                      1.40

```

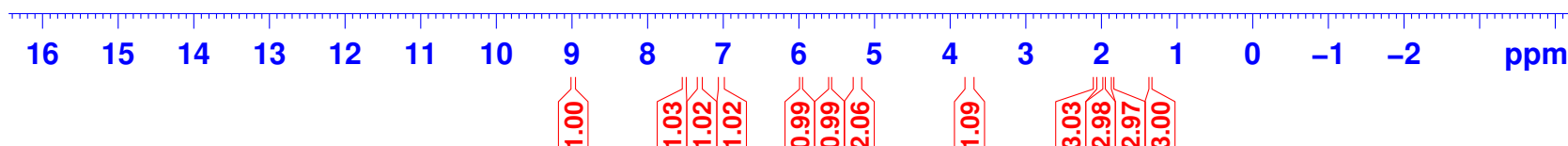

Kleeblatt DKP085 1H CDC13

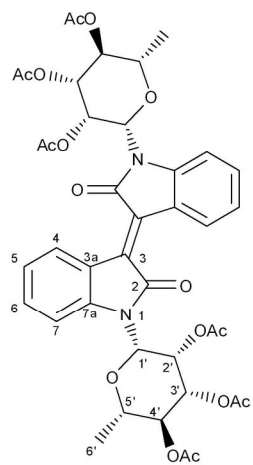
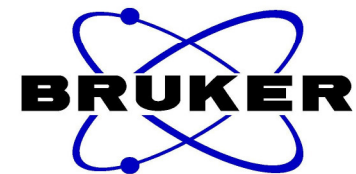


9.00
8.97
7.53
7.50
7.34
7.28
7.25
7.05
6.99
5.97
5.59
5.29
5.18
3.79
3.69
2.09
1.97
1.86
1.36

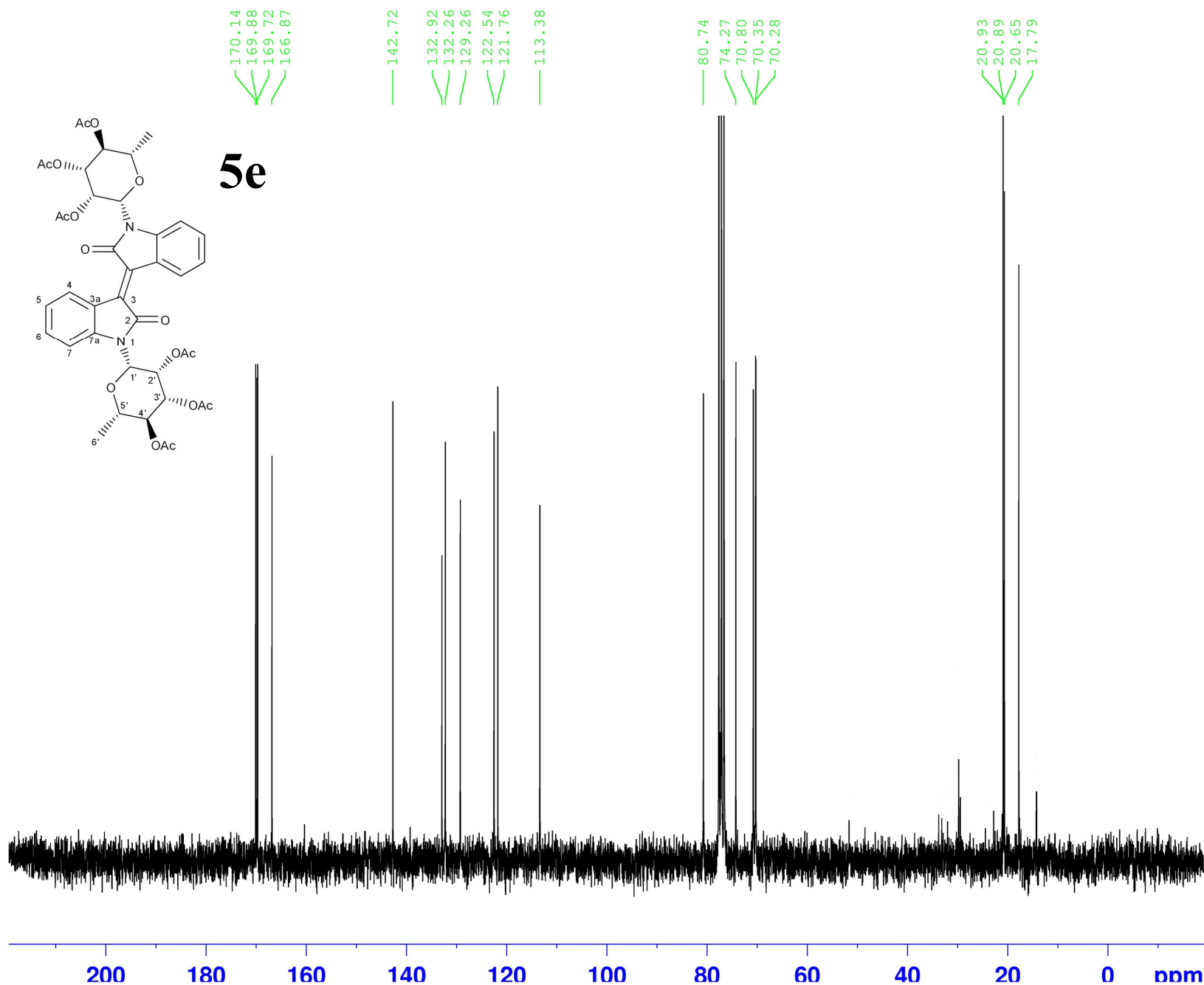
NAME 100930.u330
EXPNO 10
PROCNO 1
Date_ 20100930
Time 19.49
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 6188.119 Hz
FIDRES 0.094423 Hz
AQ 5.2953587 se
RG 101
DW 80.800 us
DE 10.00 us
TE 298.2 K
D1 1.00000000 se
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.00 us
PL1 0.00 dB
PL1W 11.25325108 W
SFO1 300.1318534 MH
SI 32768
SF 300.1300108 MH
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





5e



```

NAME          101001.202
EXPNO          10
PROCNO         1
Date_          20101001
Time           13.59
INSTRUM        spect
PROBHD         5 mm PABBO BB-
PULPROG        zgpg30
TD             65536
SOLVENT        CDCl3
NS             1440
DS             4
SWH            15000.000 Hz
FIDRES         0.228882 Hz
AQ             2.1845834 sec
RG             2050
DW             33.333 usec
DE             10.00 usec
TE             297.4 K
D1             2.00000000 sec
d11            0.03000000 sec
DELTA          1.89999998 sec
TD0            1
  
```

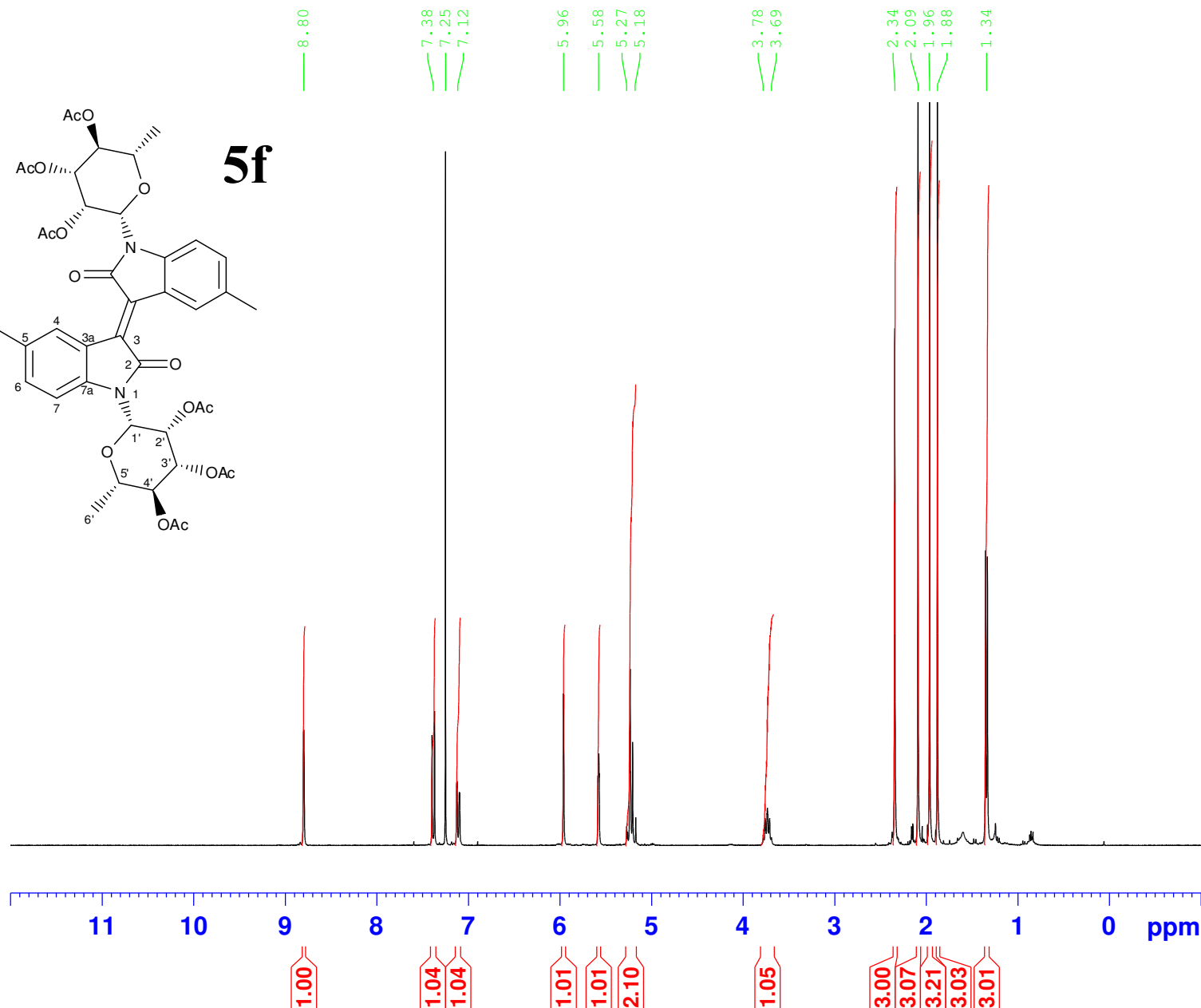
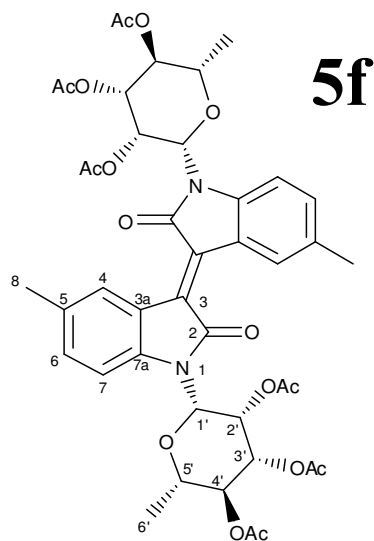
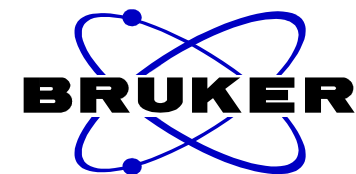
```

===== CHANNEL f1 =====
NUC1            13C
P1              10.00 usec
PL1             -1.00 dB
SFO1            62.9015280 MHz
  
```

```

===== CHANNEL f2 =====
CPDPRG2         waltz16
NUC2            1H
PCPD2           70.00 usec
PL12            15.00 dB
PL13            15.00 dB
PL2             -2.50 dB
SFO2            250.1310005 MHz
SI              32768
SF              62.8952311 MHz
WDW             EM
SSB             0
LB              1.00 Hz
GB              0
PC              1.40
  
```

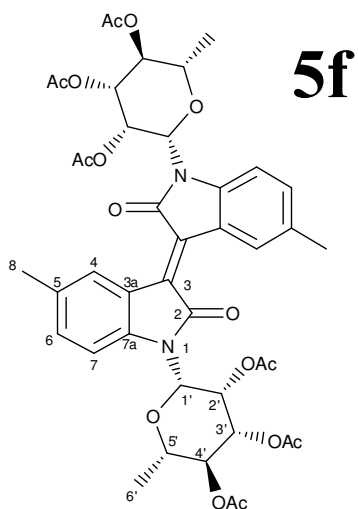
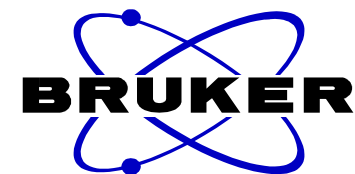
Kleeblatt DKP104 1H CDC13



NAME 110419.u301
EXPNO 10
PROCNO 1
Date_ 20110419
Time 8.12
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 16
DS 2
SWH 6188.119 Hz
FIDRES 0.094423 Hz
AQ 5.2953587 sec
RG 144
DW 80.800 usec
DE 10.00 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.00 usec
PL1 0.00 dB
PL1W 11.25325108 W
SFO1 300.1318534 MHz
SI 32768
SF 300.1300107 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

Kleeblatt DKP104 13C CDC13



169.98
169.75
169.60
166.87

140.37
132.93
132.76
131.71
129.38
121.81
113.04

80.48
74.13
70.80
70.35
70.22

21.27
20.94
20.85
20.63
17.72

```

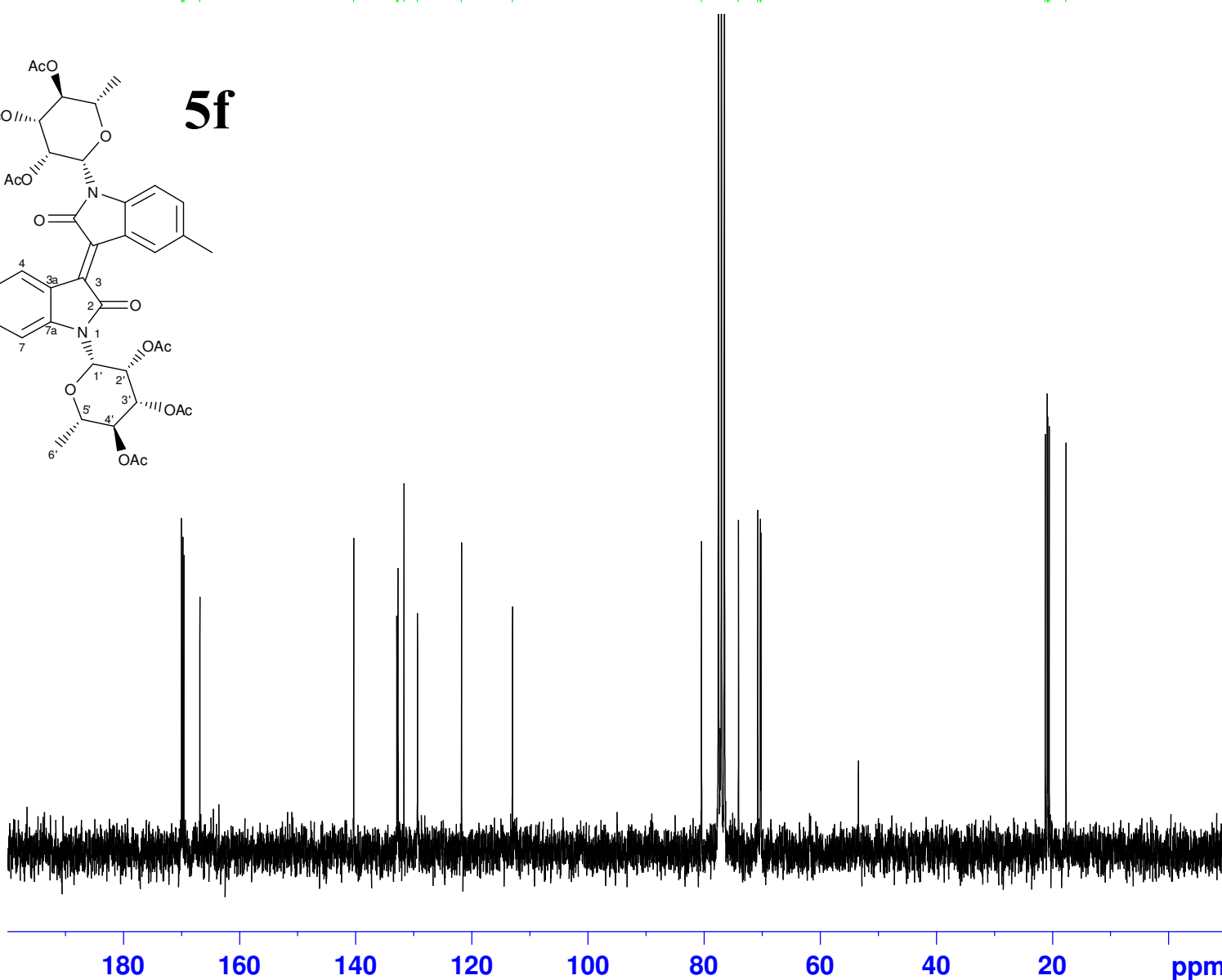
NAME      110325.226
EXPNO      10
PROCNO      1
Date_      20110326
Time        4.32
INSTRUM     spect
PROBHD      5 mm PABBO BB-
PULPROG     zgpg30
TD          65536
SOLVENT     CDC13
NS          1024
DS           4
SWH         15000.000 Hz
FIDRES      0.228882 Hz
AQ          2.1845834 sec
RG          2050
DW          33.333 usec
DE          10.00 usec
TE          298.1 K
D1          2.00000000 sec
d11         0.03000000 sec
DELTA       1.89999998 sec
TD0         1
    
```

```

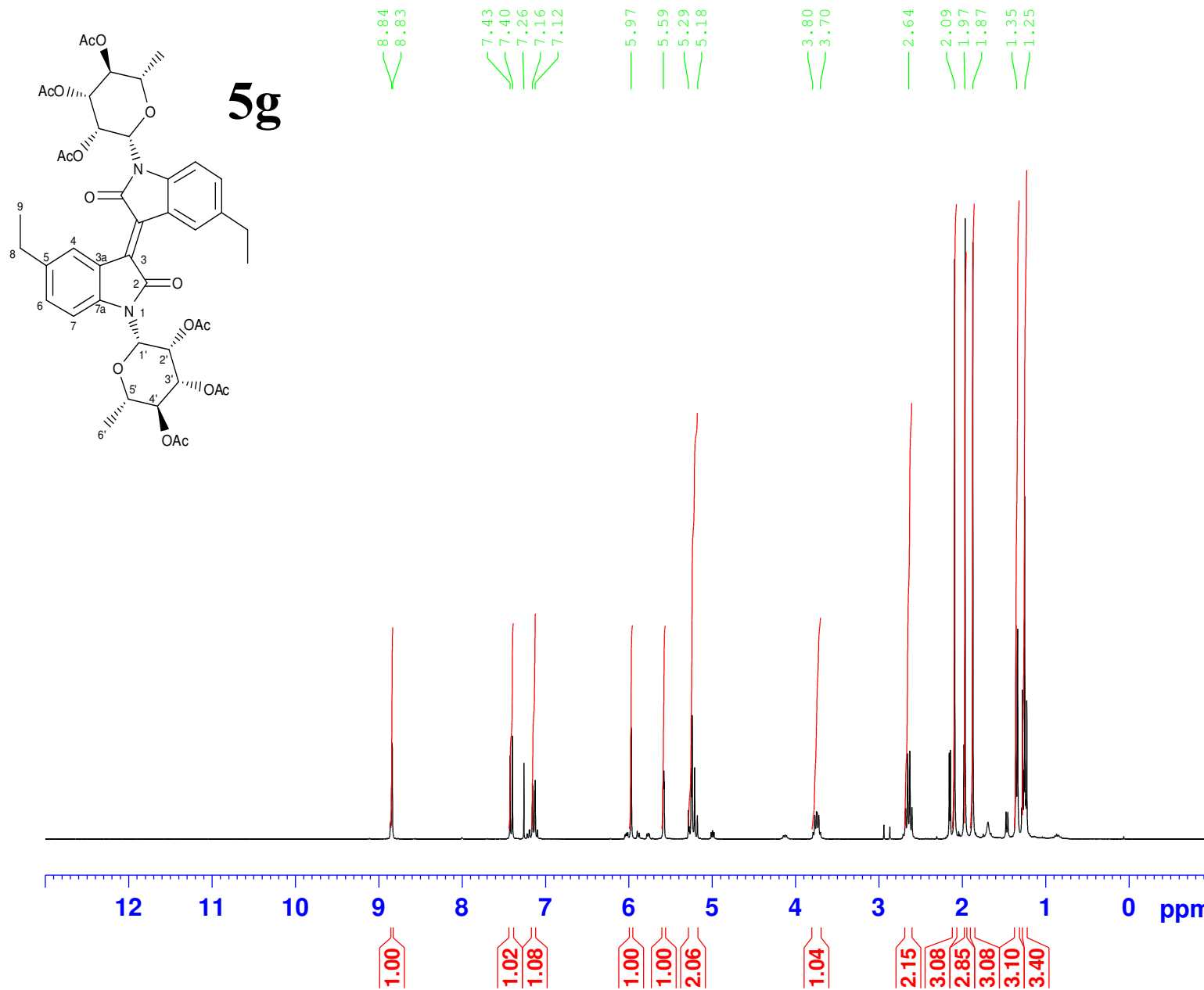
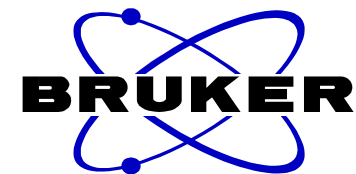
===== CHANNEL f1 =====
NUC1      13C
P1        10.00 usec
PL1       -1.00 dB
SFO1      62.9015280 MHz
    
```

```

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2      1H
PCPD2     70.00 usec
PL12      15.00 dB
PL13      15.00 dB
PL2       -2.50 dB
SFO2      250.1310005 MHz
SI         32768
SF         62.8952363 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         1.40
    
```



Kleeblatt, DKP099, CDCl₃, 1H



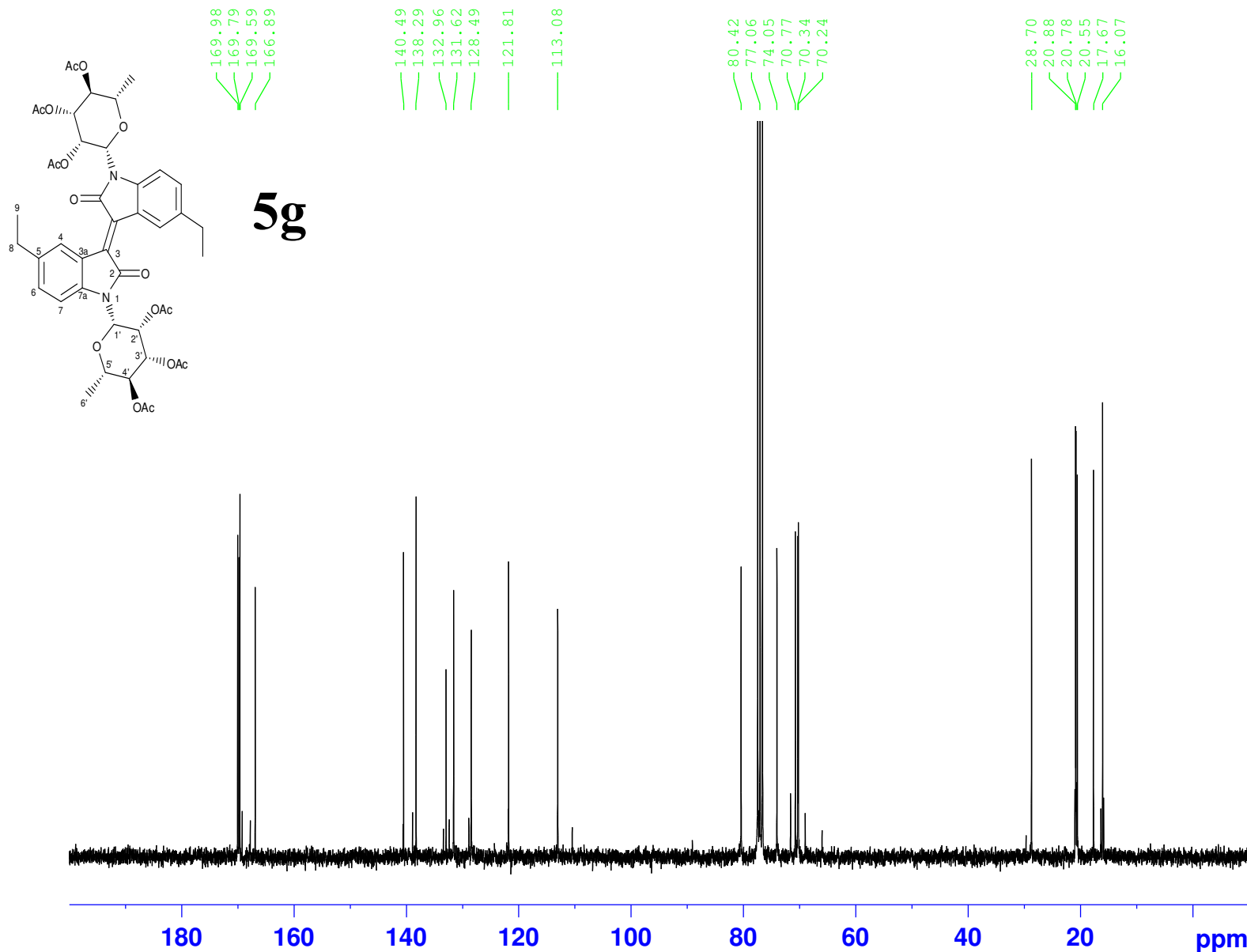
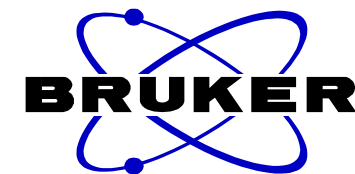
```

NAME      101014.u323
EXPNO     10
PROCNO    1
Date_     20101014
Time      13.34
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zg30
TD        65536
SOLVENT   CDCl3
NS         16
DS         2
SWH        6188.119 Hz
FIDRES     0.094423 Hz
AQ         5.2953587 sec
RG         80.6
DW         80.800 usec
DE         10.00 usec
TE         298.3 K
D1         1.00000000 sec
TD0        1
    
```

```

===== CHANNEL f1 =====
NUC1      1H
P1        10.00 usec
PL1       0.00 dB
PL1W      11.25325108 W
SFO1      300.1318534 MHz
SI        32768
SF        300.1300086 MHz
WDW       EM
SSB       0
LB        0.30 Hz
GB        0
PC        1.00
    
```

Kleeblatt, DKP099, CDCl₃, ¹³C



```

NAME      101014.u323
EXPNO     11
PROCNO    1
Date_     20101015
Time      2.47
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD        65536
SOLVENT   CDCl3
NS        1024
DS         4
SWH        18028.846 Hz
FIDRES     0.275098 Hz
AQ         1.8175818 sec
RG         2050
DW         27.733 usec
DE         10.00 usec
TE         298.7 K
D1         2.00000000 sec
D11        0.03000000 sec
TD0        1
  
```

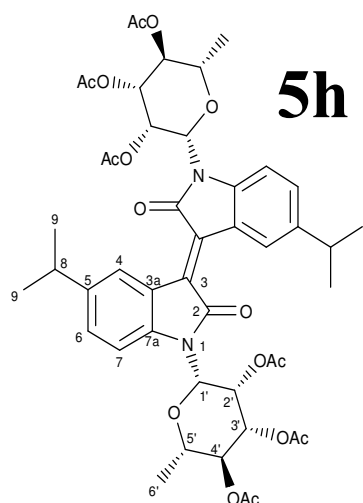
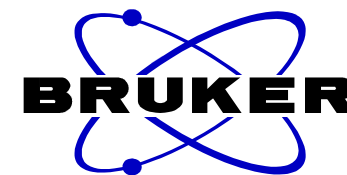
```

===== CHANNEL f1 =====
NUC1       13C
P1         10.00 usec
PL1        -0.50 dB
PL1W       33.25691986 W
SFO1       75.4752953 MHz
  
```

```

===== CHANNEL f2 =====
CPDPRG2    waltz16
NUC2       1H
PCPD2      72.00 usec
PL2        0.00 dB
PL12       17.00 dB
PL13       17.00 dB
PL2W       11.25325108 W
PL12W      0.22453187 W
PL13W      0.22453187 W
SFO2       300.1312005 MHz
SI         32768
SF         75.4677488 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         1.40
  
```

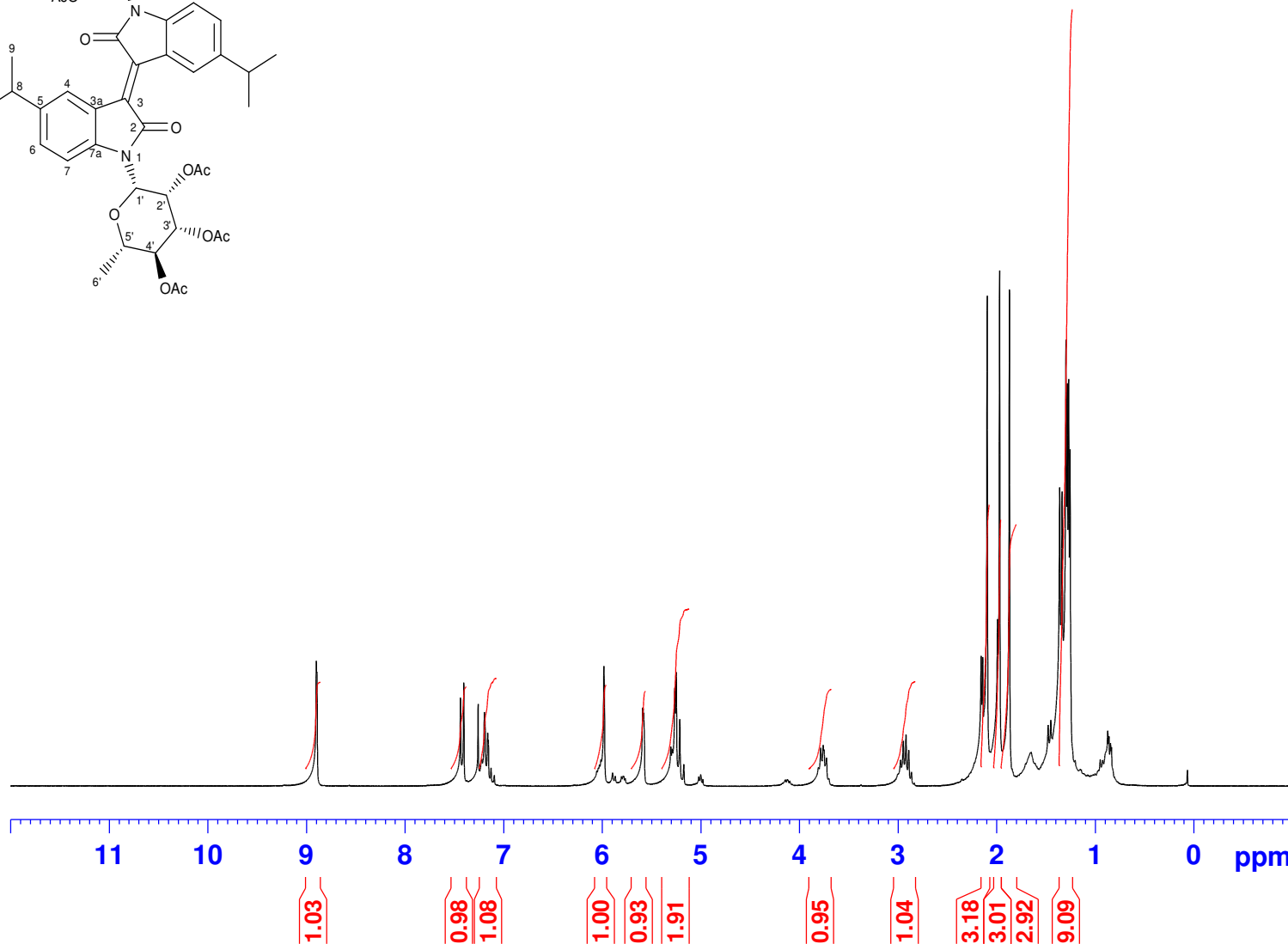
Kleeblatt DKP107 1H CDC13



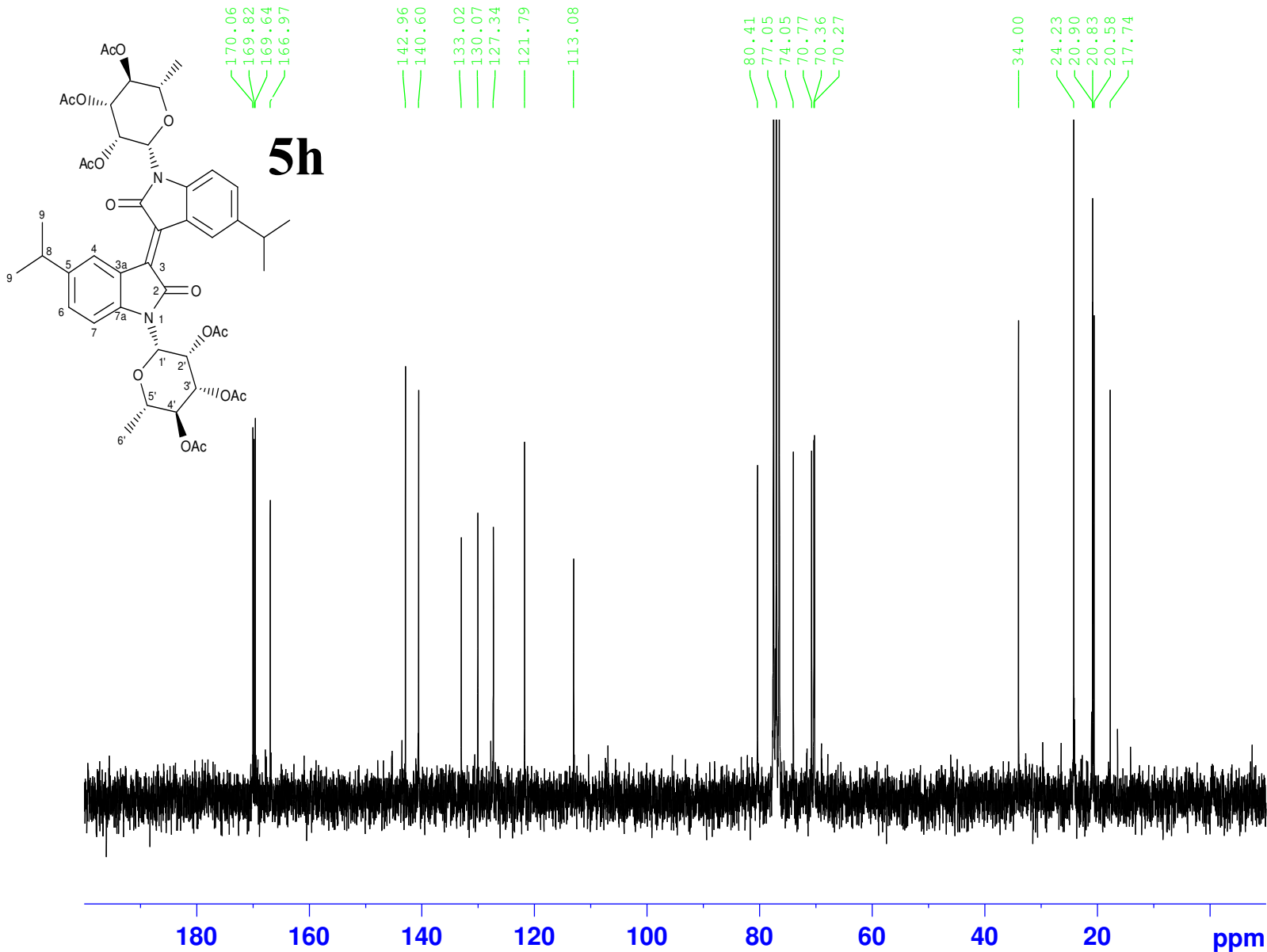
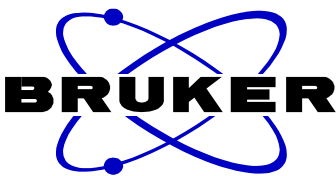
8.90
8.89
7.49
7.39
7.26
7.23
7.09
5.99
5.59
5.35
5.17
3.84
3.67
3.04
2.84
2.10
1.97
1.87
1.47
1.26

NAME 101125.217
EXPNO 10
PROCNO 1
Date_ 20101125
Time 13.38
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDC13
NS 16
DS 2
SWH 5165.289 Hz
FIDRES 0.078816 Hz
AQ 6.3439350 sec
RG 362
DW 96.800 usec
DE 10.00 usec
TE 298.1 K
D1 1.0000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.00 usec
PL1 -2.50 dB
SFO1 250.1315447 MHz
SI 32768
SF 250.1300002 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



Kleeblatt DKP107 ¹³C CDC13

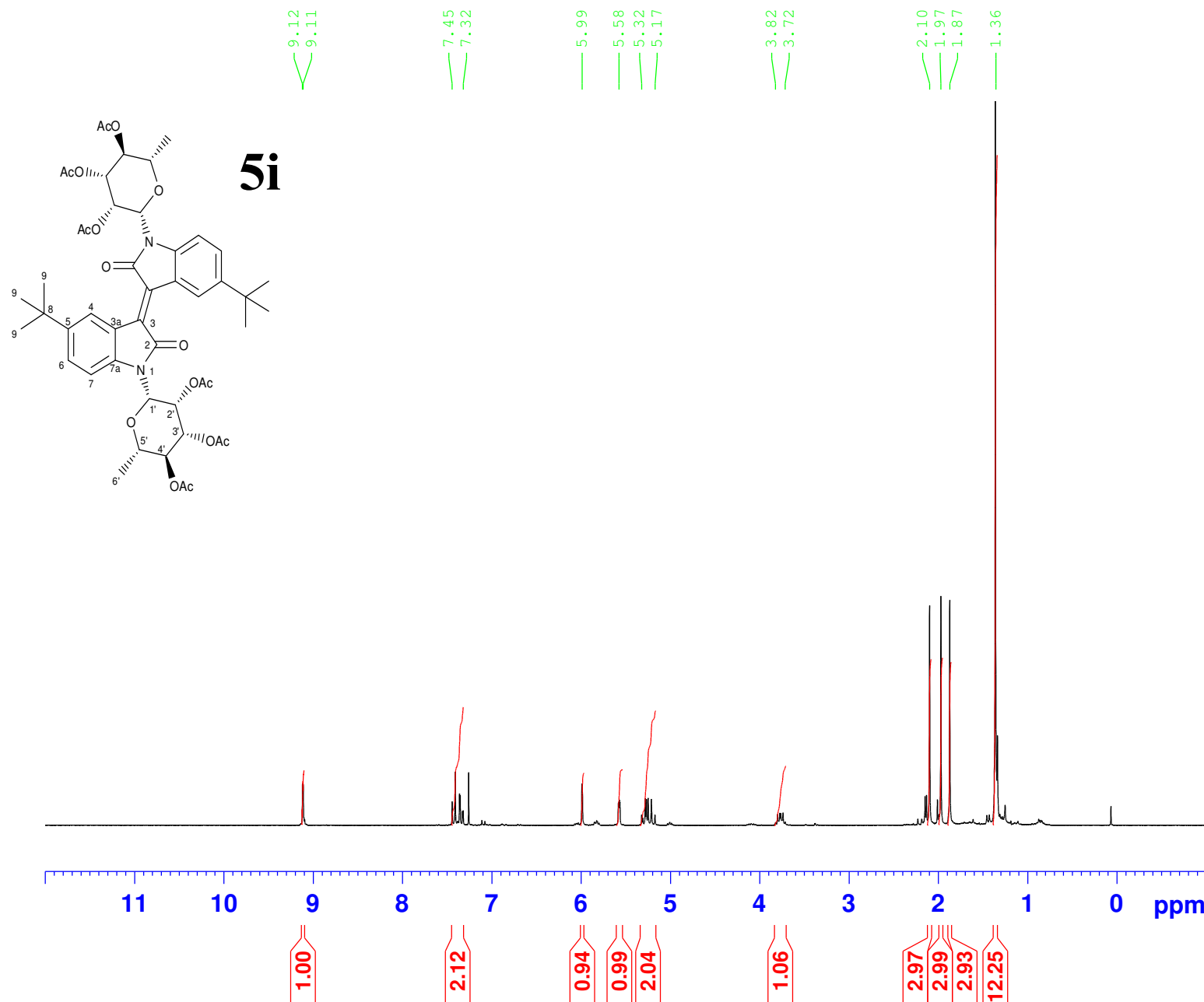
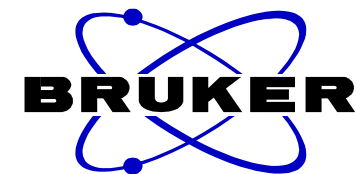


NAME 101129.212
EXPNO 10
PROCNO 1
Date_ 20101130
Time 6.52
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 1024
DS 4
SWH 15000.000 Hz
FIDRES 0.228882 Hz
AQ 2.1845834 sec
RG 2050
DW 33.333 usec
DE 10.00 usec
TE 297.9 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1

===== CHANNEL f1 =====
NUC1 ¹³C
P1 10.00 usec
PL1 -1.00 dB
SFO1 62.9015280 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 ¹H
PCPD2 70.00 usec
PL12 15.00 dB
PL13 15.00 dB
PL2 -2.50 dB
SFO2 250.1310005 MHz
SI 32768
SF 62.8952368 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

Kleeblatt, DKP100, CDCL₃, 1H



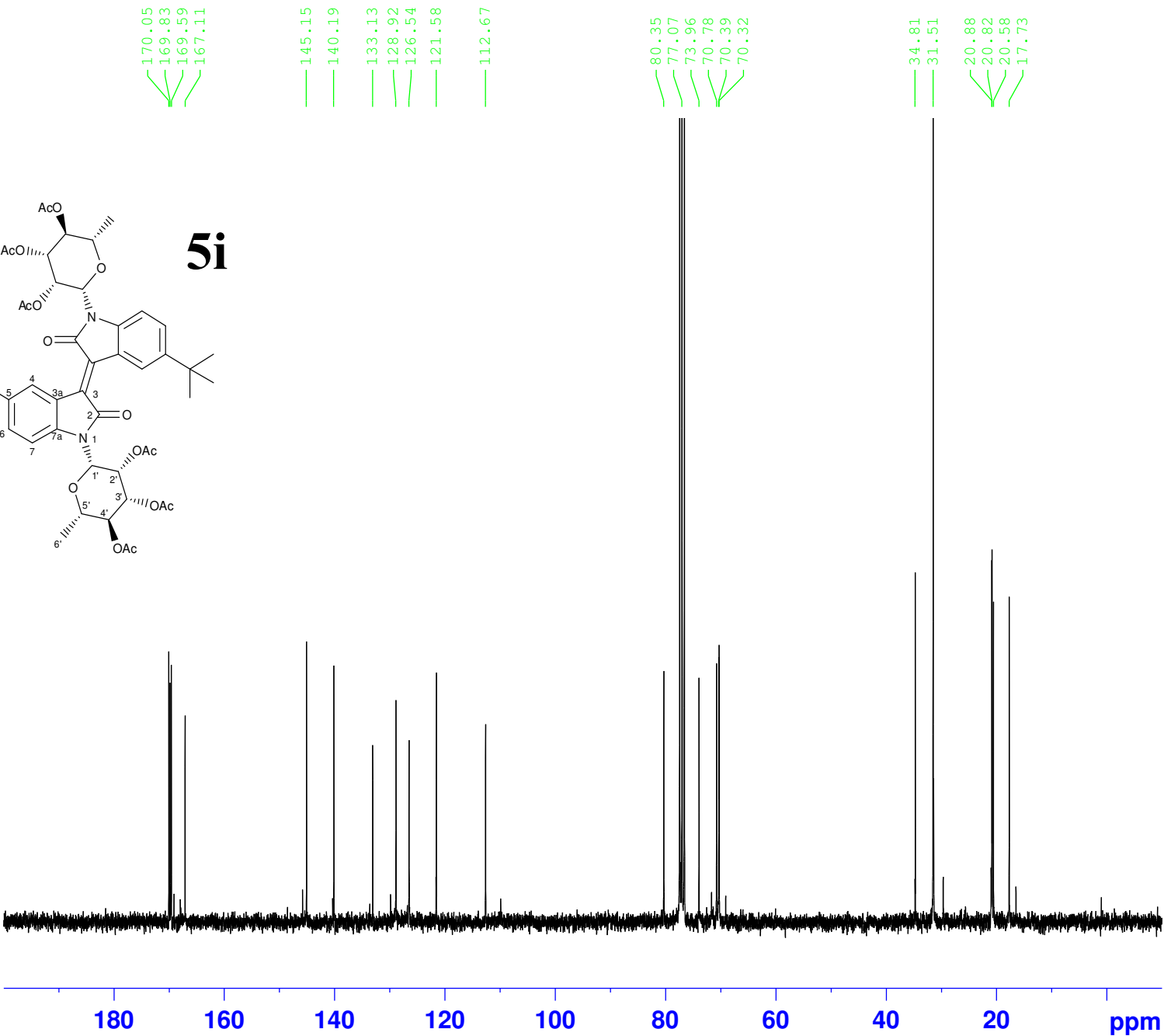
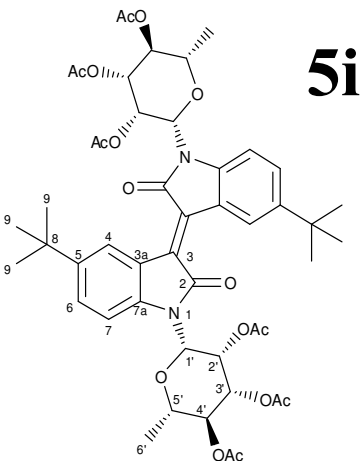
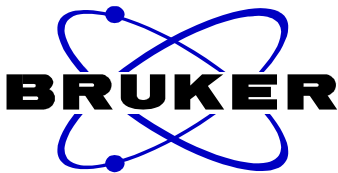
```

NAME          101027.214
EXPNO          10
PROCNO         1
Date_          20101027
Time           13.17
INSTRUM        spect
PROBHD         5 mm PABBO BB-
PULPROG        zg30
TD             65536
SOLVENT        CDCl3
NS             16
DS             2
SWH            5165.289 Hz
FIDRES         0.078816 Hz
AQ            6.3439350 sec
RG             575
DW            96.800 usec
DE            10.00 usec
TE            298.1 K
D1            1.00000000 sec
TD0            1
    
```

```

===== CHANNEL f1 =====
NUC1            1H
P1             10.00 usec
PL1            -2.50 dB
SFO1           250.1315447 MHz
SI             32768
SF            250.1300006 MHz
WDW            EM
SSB            0
LB            0.30 Hz
GB            0
PC            1.00
    
```

Kleeblatt DKP100 13C CDC13

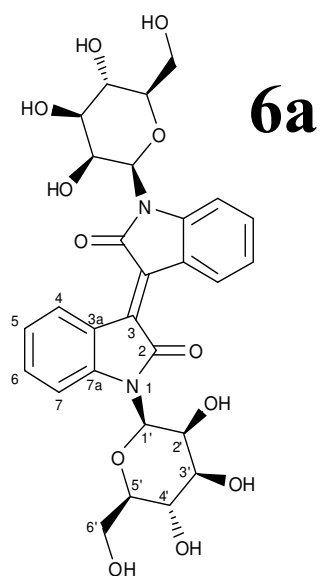
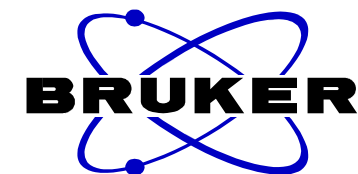


NAME 101102.u356
EXPNO 10
PROCNO 1
Date_ 20101103
Time 0.12
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 1024
DS 4
SWH 18028.846 Hz
FIDRES 0.275098 Hz
AQ 1.8175818 sec
RG 2050
DW 27.733 usec
DE 10.00 usec
TE 298.2 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PL1 -0.50 dB
PL1W 33.25691986 W
SFO1 75.4752953 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 72.00 usec
PL2 0.00 dB
PL12 17.00 dB
PL13 17.00 dB
PL2W 11.25325108 W
PL12W 0.22453187 W
PL13W 0.22453187 W
SFO2 300.1312005 MHz
SI 32768
SF 75.4677484 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

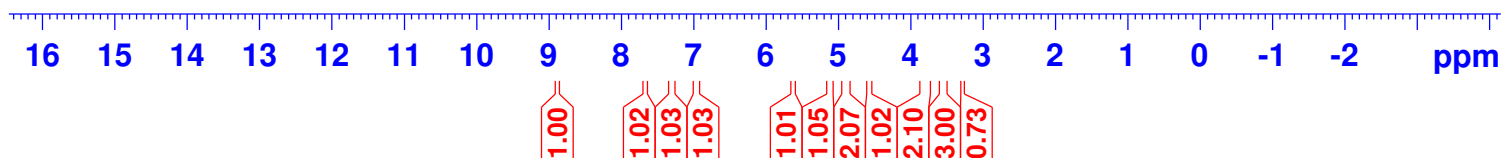
Kleeblatt DKP146 1H DMSO



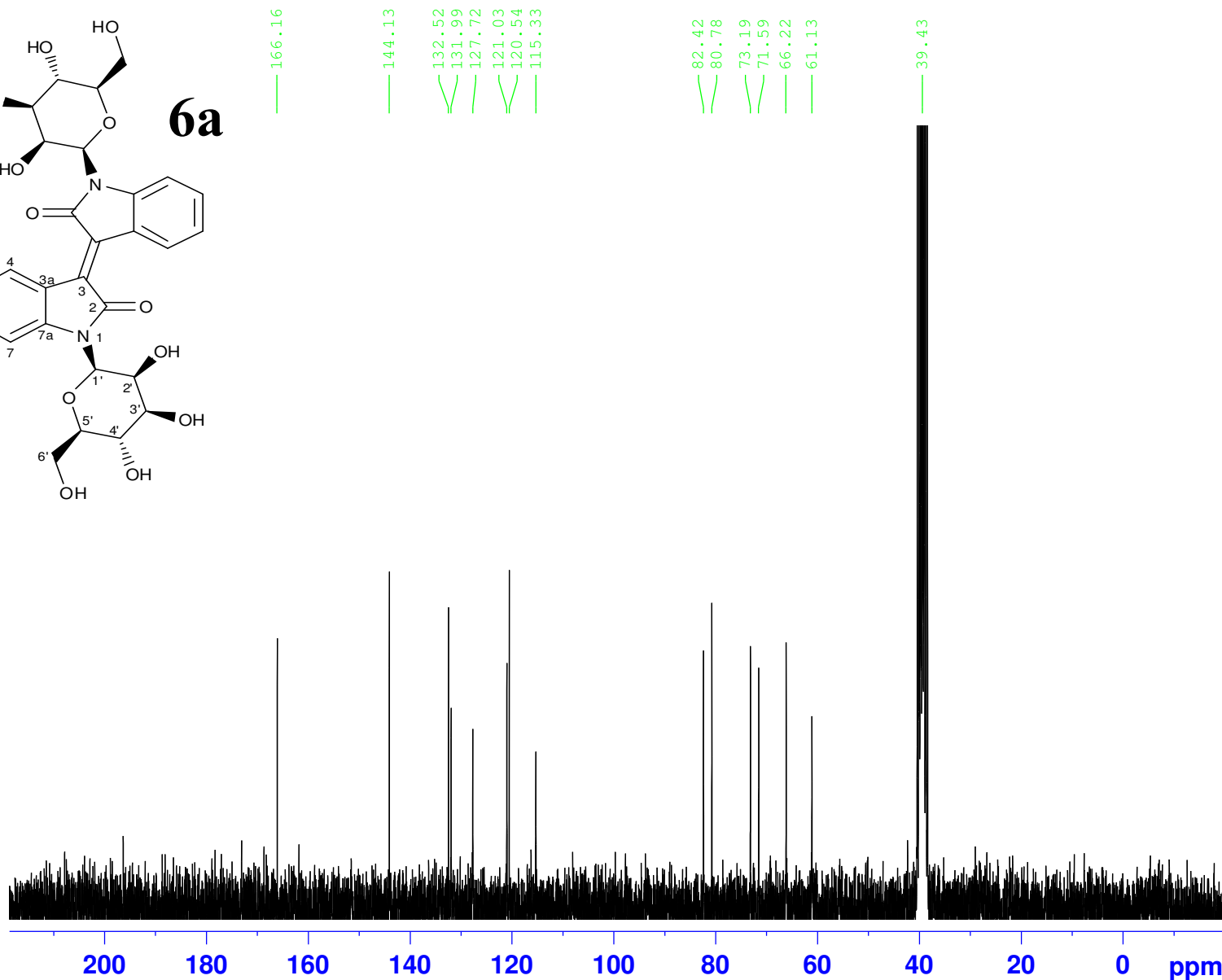
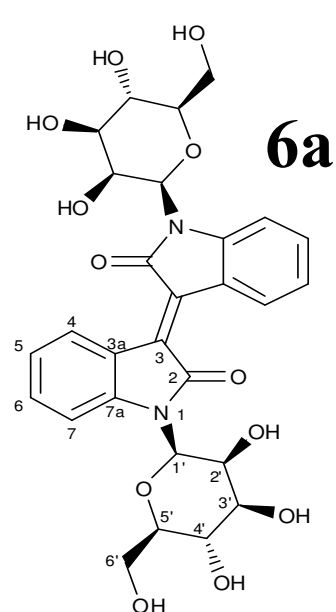
8.90
8.87
7.68
7.65
7.33
7.28
6.99
6.93
5.63
5.12
4.93
4.86
4.59
4.56
3.85
3.75
3.60
3.48
3.30
3.26
2.50

NAME 110401.u341
EXPNO 10
PROCNO 1
Date_ 20110401
Time 14.39
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 6188.119 Hz
FIDRES 0.094423 Hz
AQ 5.2953587 sec
RG 203
DW 80.800 usec
DE 10.00 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.00 usec
PL1 0.00 dB
PL1W 11.25325108 W
SFO1 300.1318534 MHz
SI 32768
SF 300.1300062 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



Kleeblatt DKP146 ¹³C DMSO



```

NAME          110404.202
EXPNO          10
PROCNO         1
Date_          20110404
Time           13.30
INSTRUM        spect
PROBHD         5 mm PABBO BB-
PULPROG        zgpg30
TD             65536
SOLVENT        DMSO
NS             1024
DS             4
SWH            15000.000 Hz
FIDRES         0.228882 Hz
AQ             2.1845834 sec
RG             2050
DW             33.333 usec
DE             10.00 usec
TE             297.9 K
D1             2.00000000 sec
d11            0.03000000 sec
DELTA          1.89999998 sec
TD0            1
  
```

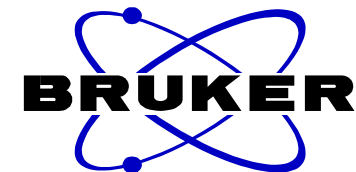
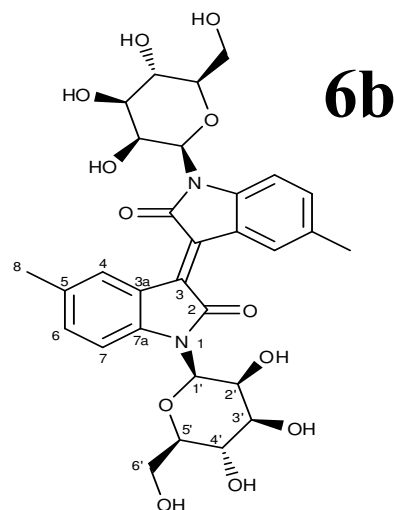
```

===== CHANNEL f1 =====
NUC1           13C
P1             10.00 usec
PL1            -1.00 dB
SFO1           62.9015280 MHz
  
```

```

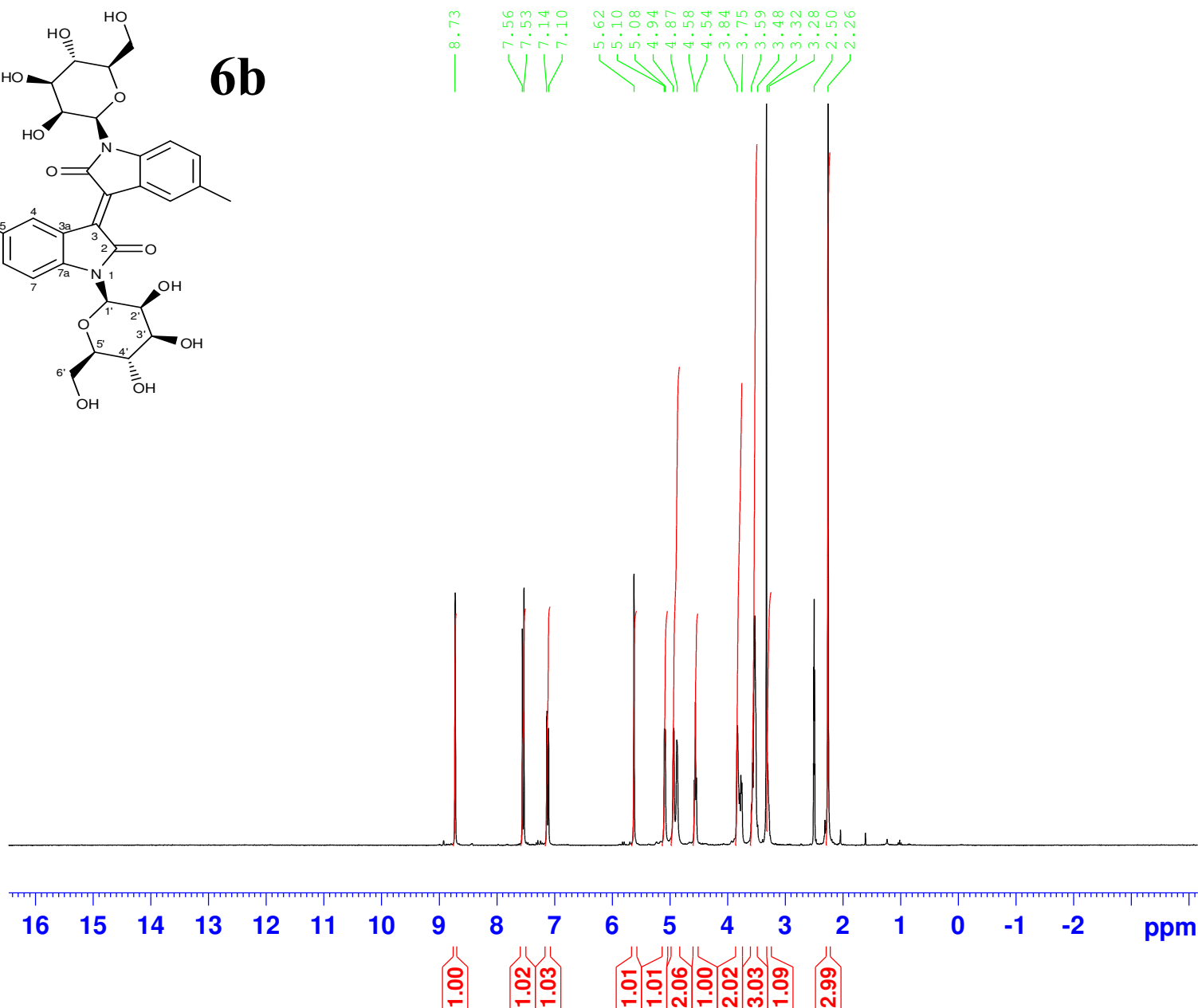
===== CHANNEL f2 =====
CPDPRG2        waltz16
NUC2           1H
PCPD2          70.00 usec
PL12           15.00 dB
PL13           15.00 dB
PL2            -2.50 dB
SFO2           250.1310005 MHz
SI             32768
SF             62.8952732 MHz
WDW            EM
SSB            0
LB             1.00 Hz
GB            0
PC            1.40
  
```

Kleeblatt DKP 148 1H DMSO

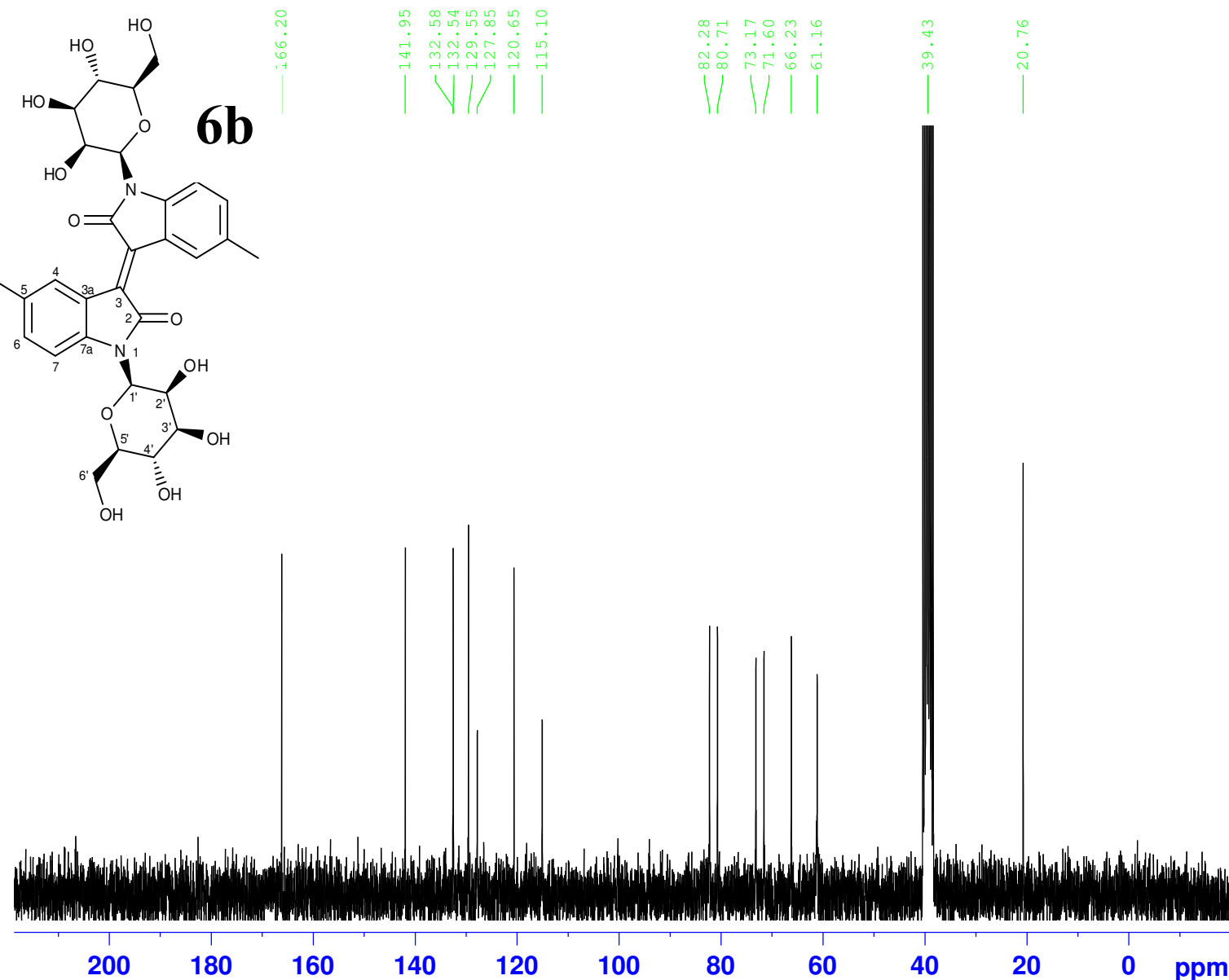
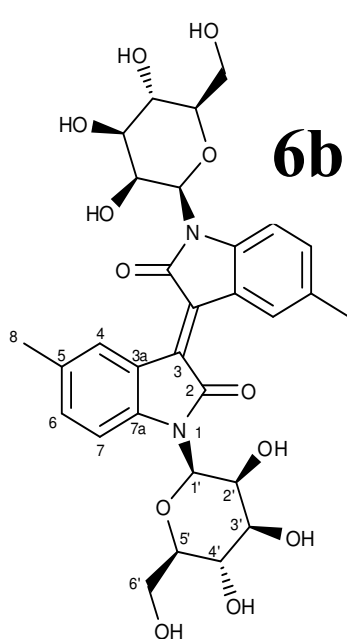


NAME 110408.u346
EXPNO 10
PROCNO 1
Date_ 20110408
Time 16.57
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 6188.119 Hz
FIDRES 0.094423 Hz
AQ 5.2953587 sec
RG 161
DW 80.800 usec
DE 10.00 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.00 usec
PL1 0.00 dB
PL1W 11.25325108 W
SFO1 300.1318534 MHz
SI 32768
SF 300.1300059 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



Kleeblatt DKP148 ¹³C DMSO



```

NAME      110404.204
EXPNO     10
PROCNO     1
Date_      20110404
Time       17.08
INSTRUM    spect
PROBHD     5 mm PABBO BB-
PULPROG    zgpg30
TD         65536
SOLVENT    DMSO
NS         1024
DS         4
SWH        15000.000 Hz
FIDRES     0.228882 Hz
AQ         2.1845834 sec
RG         2050
DW         33.333 usec
DE         10.00 usec
TE         298.5 K
D1         2.00000000 sec
d11        0.03000000 sec
DELTA      1.89999998 sec
TD0        1
  
```

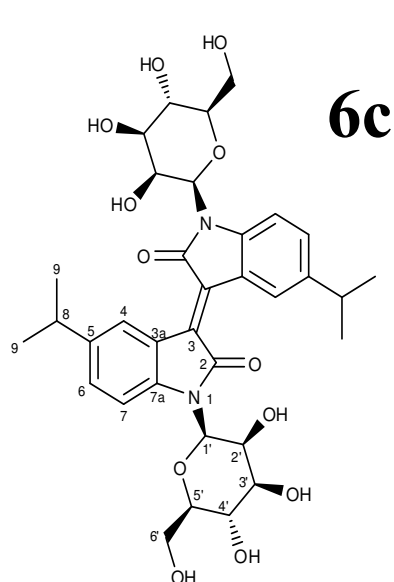
```

===== CHANNEL f1 =====
NUC1      13C
P1        10.00 usec
PL1       -1.00 dB
SFO1      62.9015280 MHz
  
```

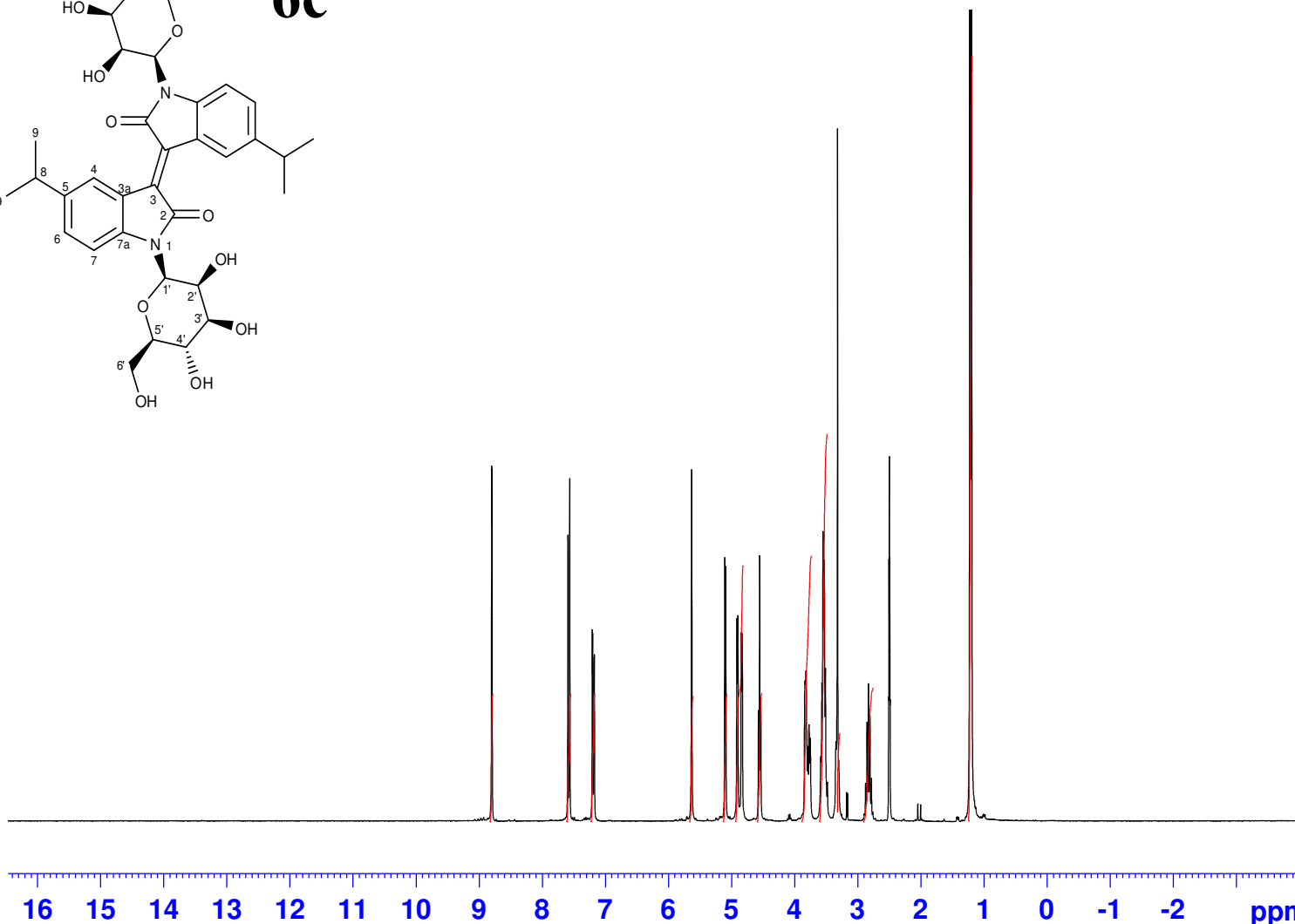
```

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2      1H
PCPD2     70.00 usec
PL12      15.00 dB
PL13      15.00 dB
PL2       -2.50 dB
SFO2      250.1310005 MHz
SI        32768
SF        62.8952737 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         1.40
  
```

Kleeblatt DKP147 1H DMSO



8.80
8.80
7.59
7.57
7.21
7.17
5.63
5.11
5.09
4.92
4.83
4.58
4.54
3.84
3.75
3.58
3.48
3.32
3.30
2.83
2.50
1.23
1.20

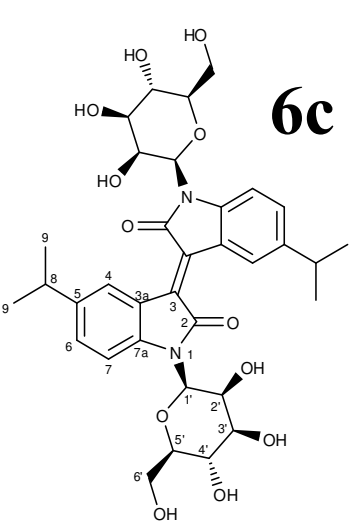
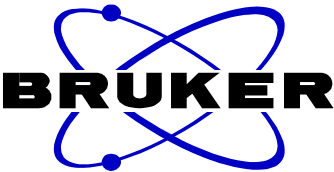


1.00
1.00
1.00
0.98
1.00
2.01
1.01
2.07
3.05
0.70
1.05
6.01

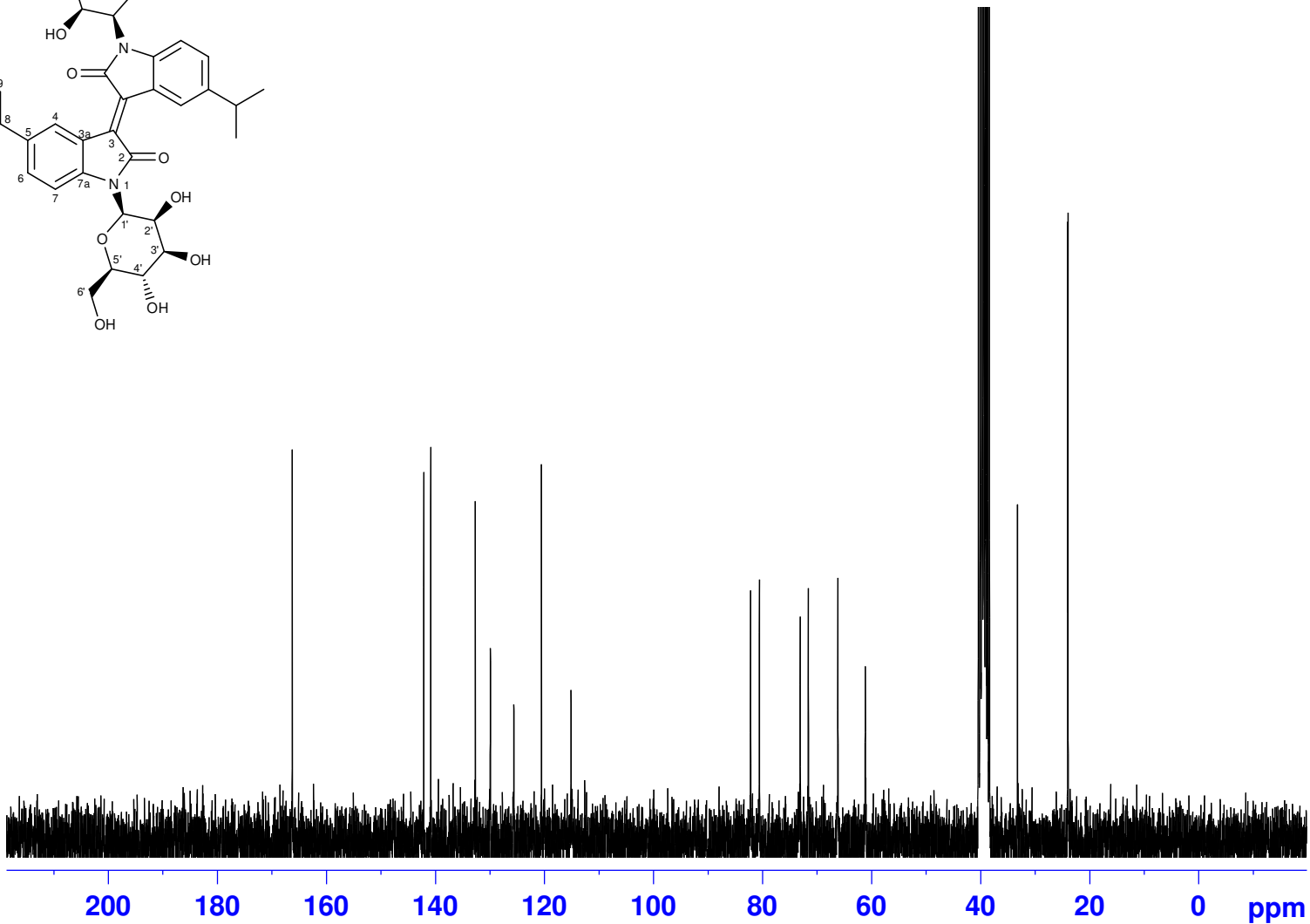
NAME 110401.u342
EXPNO 10
PROCNO 1
Date_ 20110401
Time 14.44
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 6188.119 Hz
FIDRES 0.094423 Hz
AQ 5.2953587 sec
RG 144
DW 80.800 usec
DE 10.00 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.00 usec
PL1 0.00 dB
PL1W 11.25325108 W
SFO1 300.1318534 MHz
SI 32768
SF 300.1300060 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

Kleeblatt DKP147 13C DMSO



6c

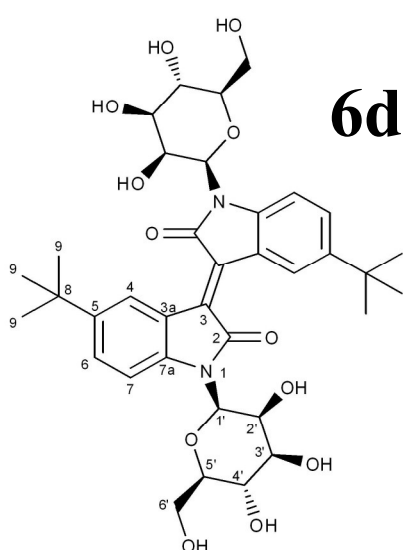


NAME 110404.203
EXPNO 10
PROCNO 1
Date_ 20110404
Time 15.29
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 15000.000 Hz
FIDRES 0.228882 Hz
AQ 2.1845834 sec
RG 2050
DW 33.333 usec
DE 10.00 usec
TE 297.9 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PL1 -1.00 dB
SFO1 62.9015280 MHz

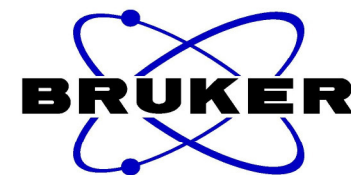
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 70.00 usec
PL12 15.00 dB
PL13 15.00 dB
PL2 -2.50 dB
SFO2 250.1310005 MHz
SI 32768
SF 62.8952740 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

Kleeblatt DKP145 ¹H DMSO



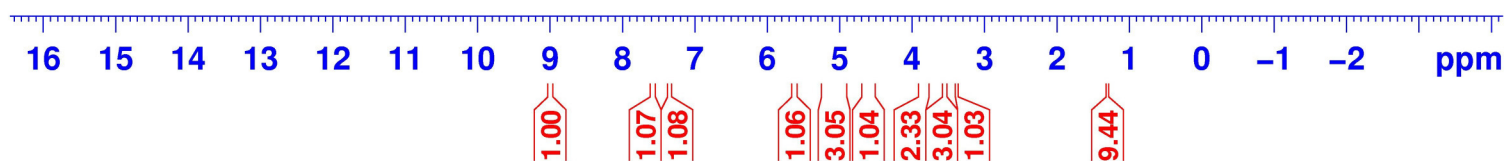
6d

9.00
8.99
7.60
7.57
7.36
7.33
5.63
5.26
4.87
4.70
4.52
3.94
3.73
3.62
3.43
3.39
3.37
2.50
1.30

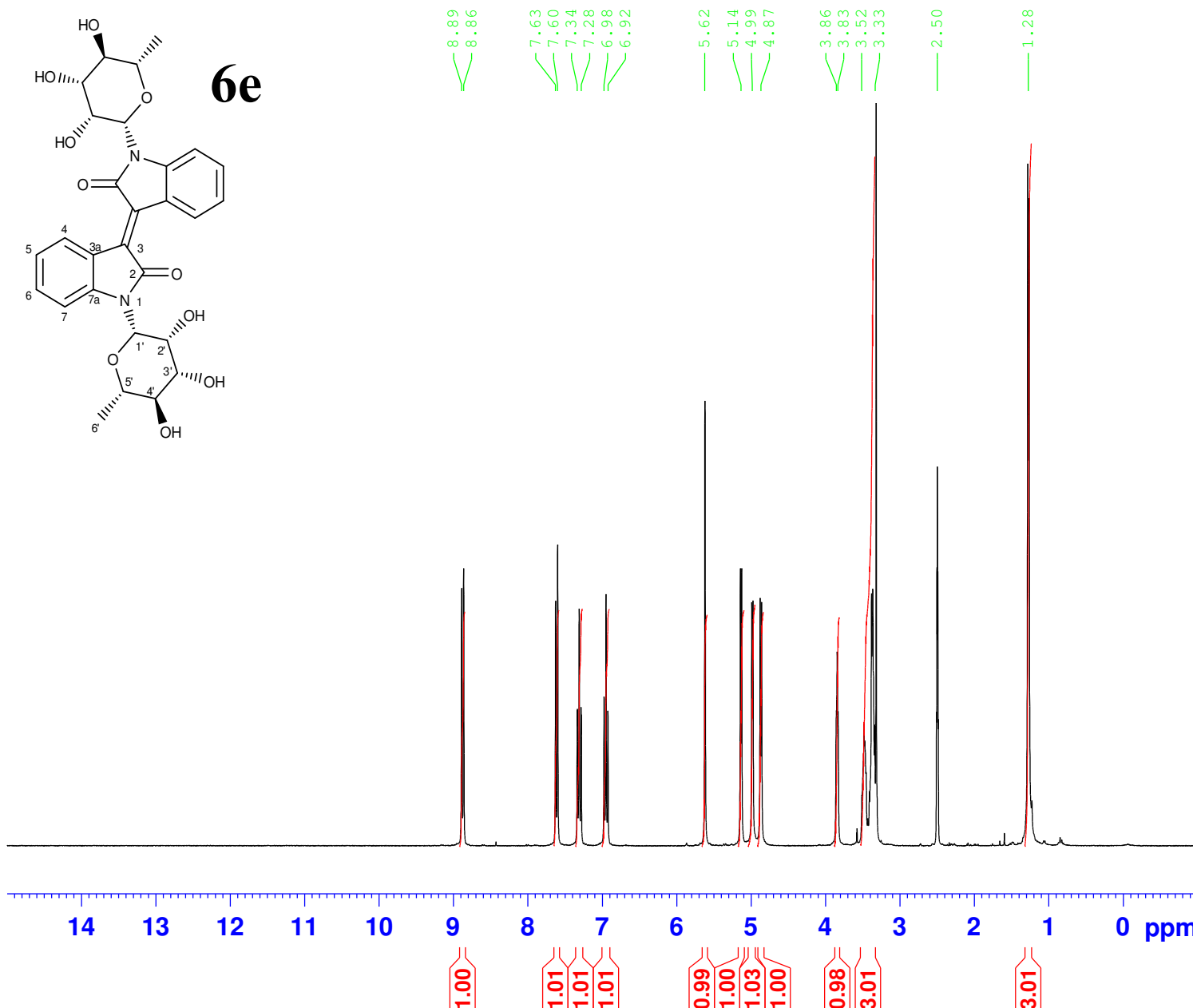


NAME 110524.u321
EXPNO 10
PROCNO 1
Date_ 20110524
Time 13.06
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 6188.119 Hz
FIDRES 0.094423 Hz
AQ 5.2953587 sec
RG 114
DW 80.800 usec
DE 10.00 usec
TE 298.3 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.00 usec
PL1 0.00 dB
PL1W 11.25325108 W
SFO1 300.1318534 MHz
SI 32768
SF 300.1300075 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



Kleeblatt DKP143 1H DMSO



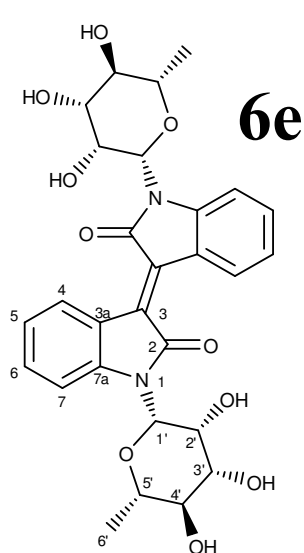
```

NAME      110401.u340
EXPNO      10
PROCNO      1
Date_      20110401
Time        14.34
INSTRUM     spect
PROBHD      5 mm PABBO BB-
PULPROG     zg30
TD          65536
SOLVENT      DMSO
NS           16
DS           2
SWH          6188.119 Hz
FIDRES       0.094423 Hz
AQ           5.2953587 sec
RG           144
DW           80.800 usec
DE           10.00 usec
TE           298.2 K
D1           1.00000000 sec
TD0          1
  
```

```

===== CHANNEL f1 =====
NUC1        1H
P1           10.00 usec
PL1          0.00 dB
PL1W        11.25325108 W
SFO1        300.1318534 MHz
SI           32768
SF          300.1300066 MHz
WDW          EM
SSB          0
LB           0.30 Hz
GB           0
PC           1.00
  
```

Kleeblatt DKP143 ¹³C DMSO



6e

166.12

144.06

132.45

131.93

127.84

121.05

120.62

114.89

82.40

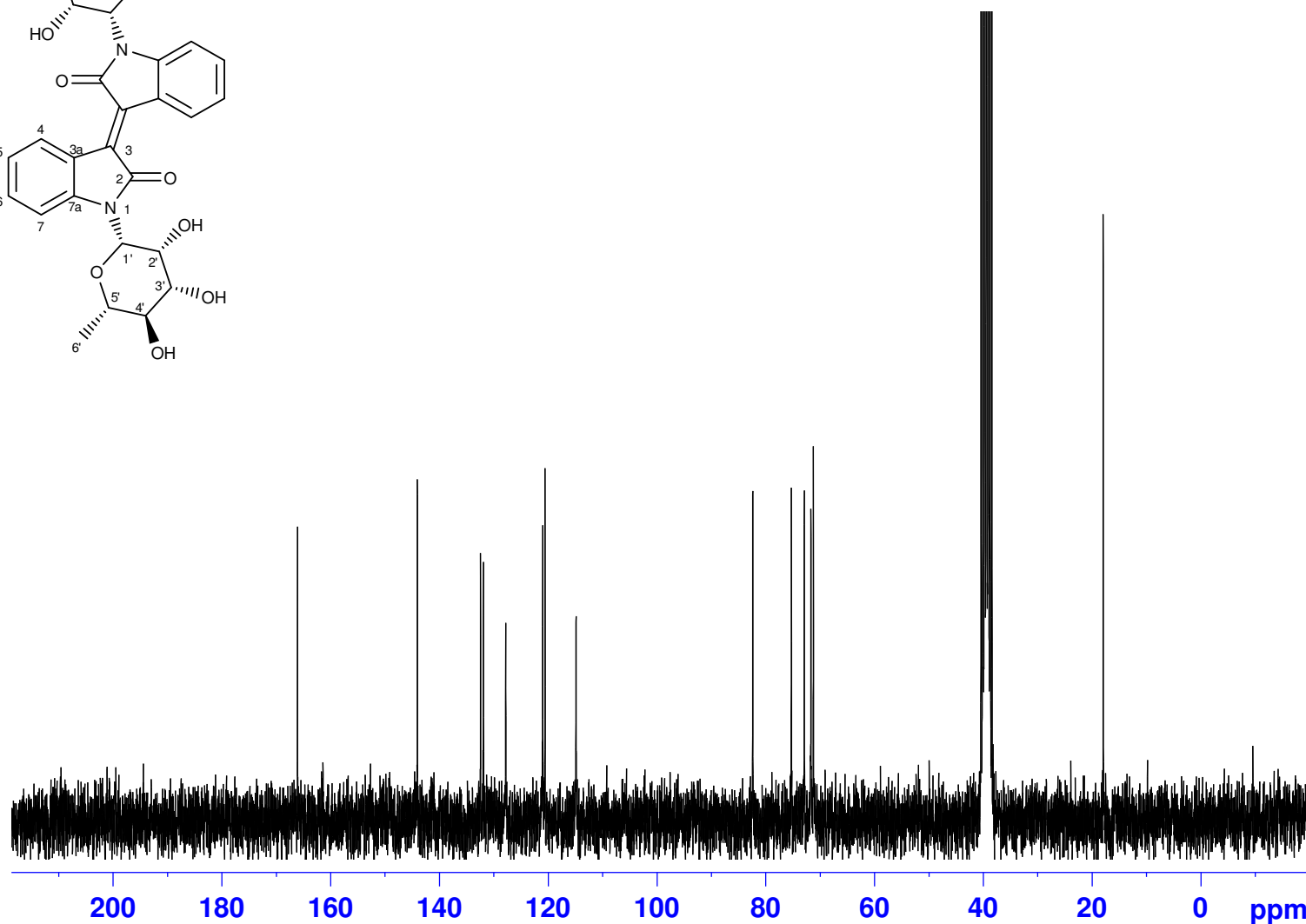
75.31

72.93

71.70

71.24

17.97



```

NAME          110404.201
EXPNO         10
PROCNO        1
Date_         20110404
Time          11.50
INSTRUM       spect
PROBHD        5 mm PABBO BB-
PULPROG       zgpg30
TD            65536
SOLVENT       DMSO
NS            1024
DS            4
SWH           15000.000 Hz
FIDRES        0.228882 Hz
AQ            2.1845834 sec
RG            2050
DW            33.333 usec
DE            10.00 usec
TE            297.9 K
D1            2.00000000 sec
d11           0.03000000 sec
DELTA         1.89999998 sec
TD0           1
  
```

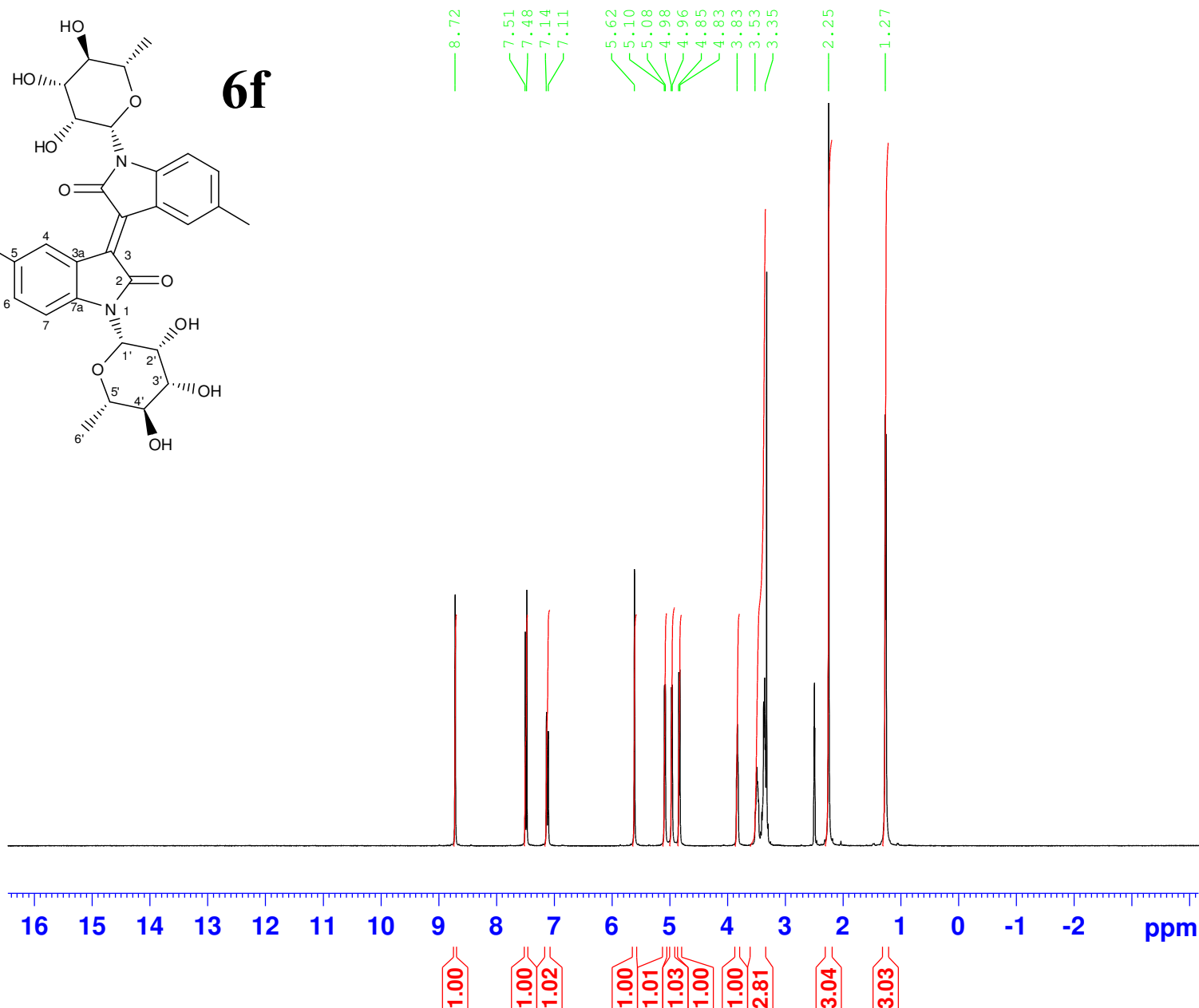
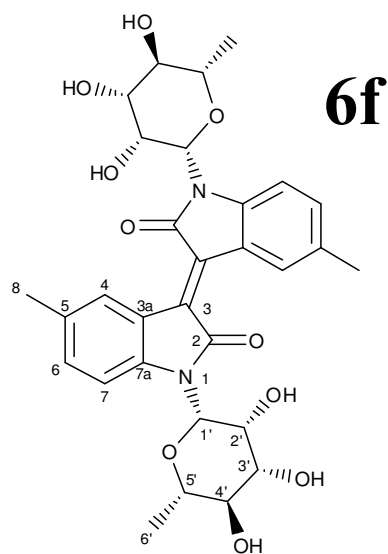
```

===== CHANNEL f1 =====
NUC1          13C
P1            10.00 usec
PL1           -1.00 dB
SFO1          62.9015280 MHz
  
```

```

===== CHANNEL f2 =====
CPDPRG2       waltz16
NUC2          1H
PCPD2         70.00 usec
PL12          15.00 dB
PL13          15.00 dB
PL2           -2.50 dB
SFO2          250.1310005 MHz
SI            32768
SF            62.8952737 MHz
WDW           EM
SSB           0
LB            1.00 Hz
GB            0
PC            1.40
  
```

Kleeblatt DKP161 1H DMSO



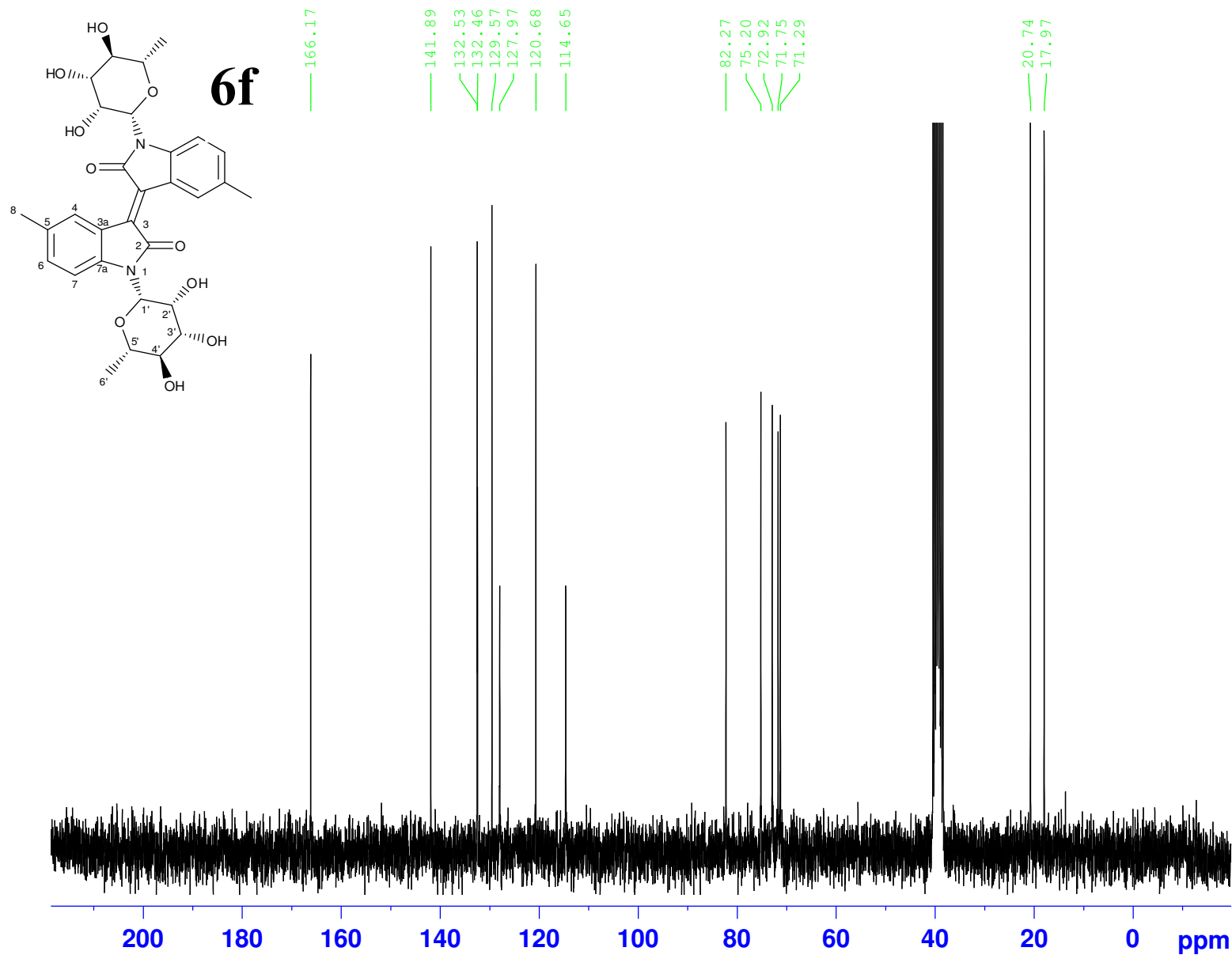
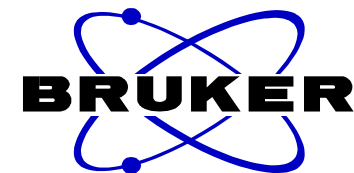
```

NAME      110513.u345
EXPNO     10
PROCNO    1
Date_     20110513
Time      13.48
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zg30
TD        65536
SOLVENT   DMSO
NS         16
DS         2
SWH        6188.119 Hz
FIDRES     0.094423 Hz
AQ         5.2953587 sec
RG         114
DW         80.800 usec
DE         10.00 usec
TE         298.2 K
D1         1.00000000 sec
TD0        1
    
```

```

===== CHANNEL f1 =====
NUC1      1H
P1        10.00 usec
PL1       0.00 dB
PL1W      11.25325108 W
SF01      300.1318534 MHz
SI        32768
SF        300.1300066 MHz
WDW       EM
SSB       0
LB        0.30 Hz
GB        0
PC        1.00
    
```

Kleeblatt DKP161 ¹³C DMSO



```

NAME      110516.205
EXPNO     10
PROCNO    1
Date_     20110516
Time      12.00
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD        65536
SOLVENT   DMSO
NS         1024
DS         4
SWH        15000.000 Hz
FIDRES     0.228882 Hz
AQ         2.1845834 sec
RG         2050
DW         33.333 usec
DE         10.00 usec
TE         300.0 K
D1         2.00000000 sec
d11        0.03000000 sec
DELTA     1.89999998 sec
TD0        1
  
```

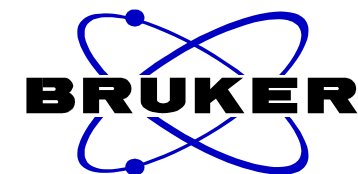
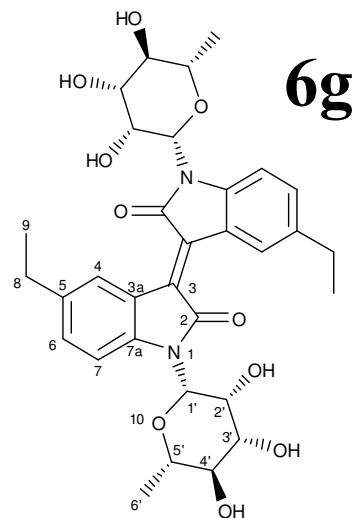
```

===== CHANNEL f1 =====
NUC1      13C
P1        10.00 usec
PL1       -1.00 dB
SF01      62.9015280 MHz
  
```

```

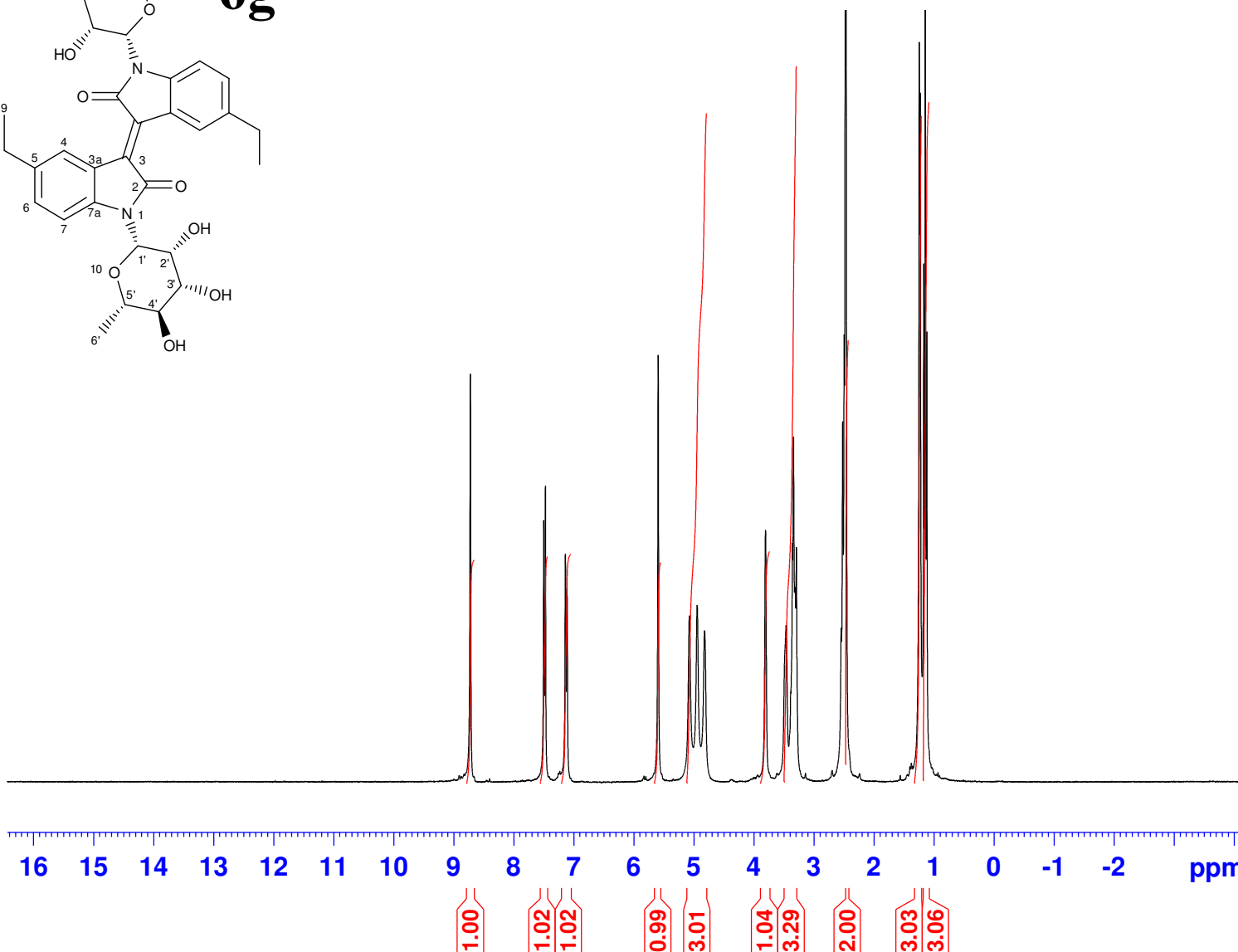
===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2      1H
PCPD2     70.00 usec
PL12      15.00 dB
PL13      15.00 dB
PL2       -2.50 dB
SF02      250.1310005 MHz
SI         32768
SF        62.8952739 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         1.40
  
```

Kleeblatt DKP130 1H DMSO

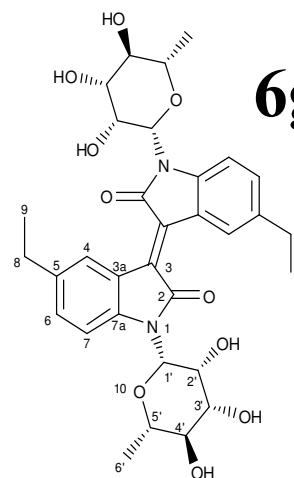


NAME 110131.u348
EXPNO 10
PROCNO 1
Date_ 20110131
Time 14.43
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 6188.119 Hz
FIDRES 0.094423 Hz
AQ 5.2953587 sec
RG 114
DW 80.800 usec
DE 10.00 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.00 usec
PL1 0.00 dB
PL1W 11.25325108 W
SF01 300.1318534 MHz
SI 32768
SF 300.1300148 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



Kleeblatt DKP130 ¹³C DMSO



6g

166.26

142.08

136.25

132.61

131.44

127.06

120.71

114.75

82.23

75.16

72.88

71.75

71.27

28.05

17.98

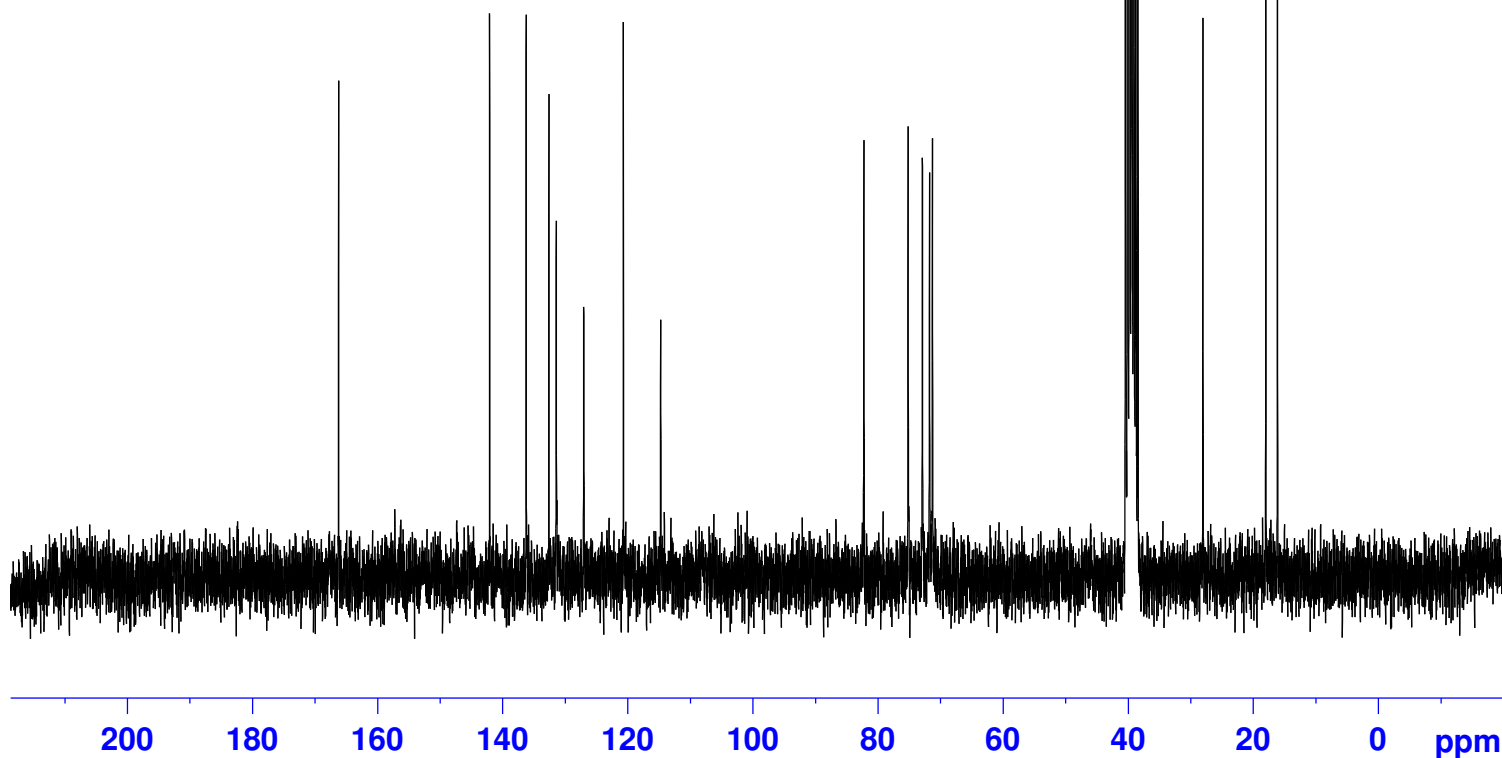
16.10



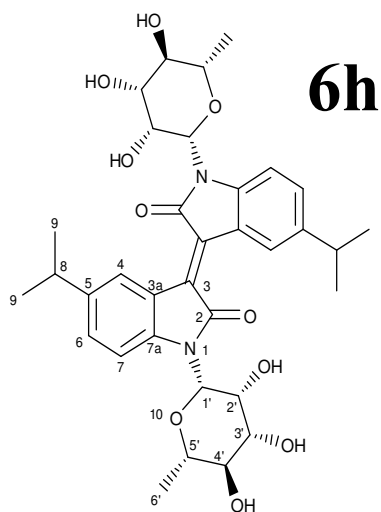
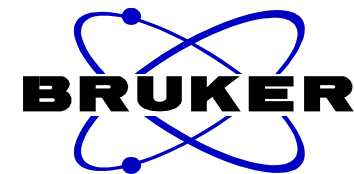
```
NAME 110201.229
EXPNO 10
PROCNO 1
Date_ 20110202
Time 6.03
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 15000.000 Hz
FIDRES 0.228882 Hz
AQ 2.1845834 sec
RG 2050
DW 33.333 usec
DE 10.00 usec
TE 297.9 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1
```

```
===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PL1 -1.00 dB
SFO1 62.9015280 MHz
```

```
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 70.00 usec
PL12 15.00 dB
PL13 15.00 dB
PL2 -2.50 dB
SFO2 250.1310005 MHz
SI 32768
SF 62.8952732 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40
```



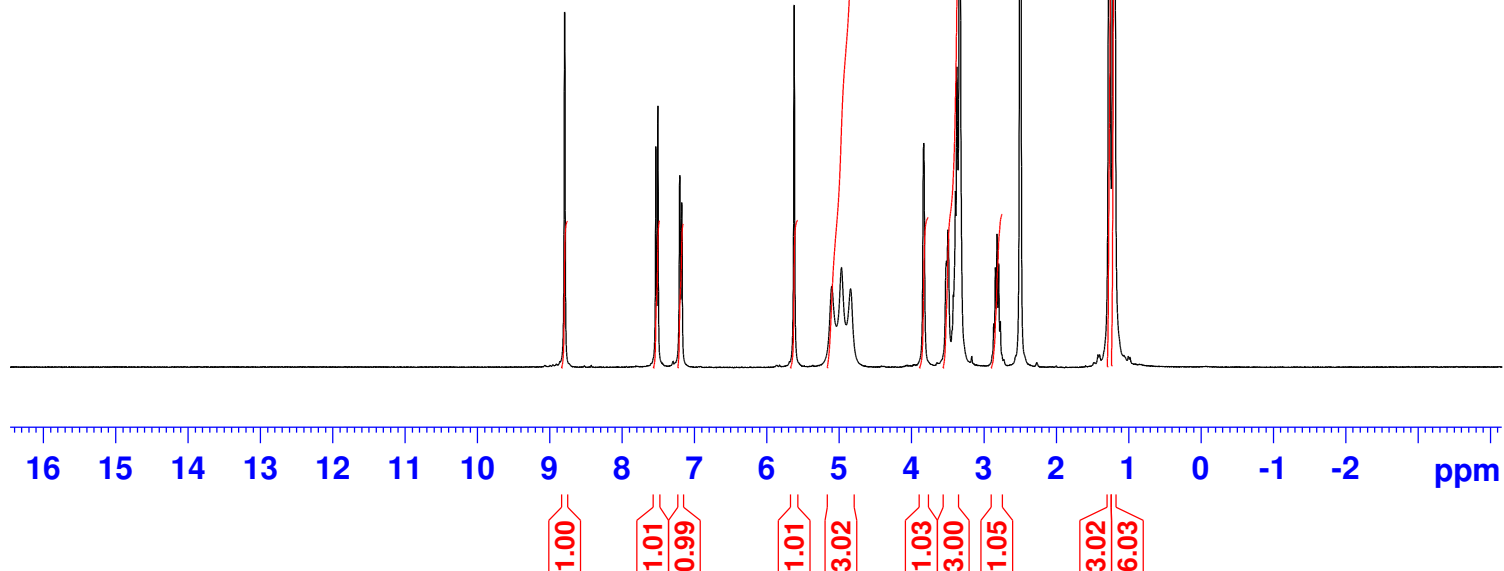
Kleeblatt DKP117 1H DMSO



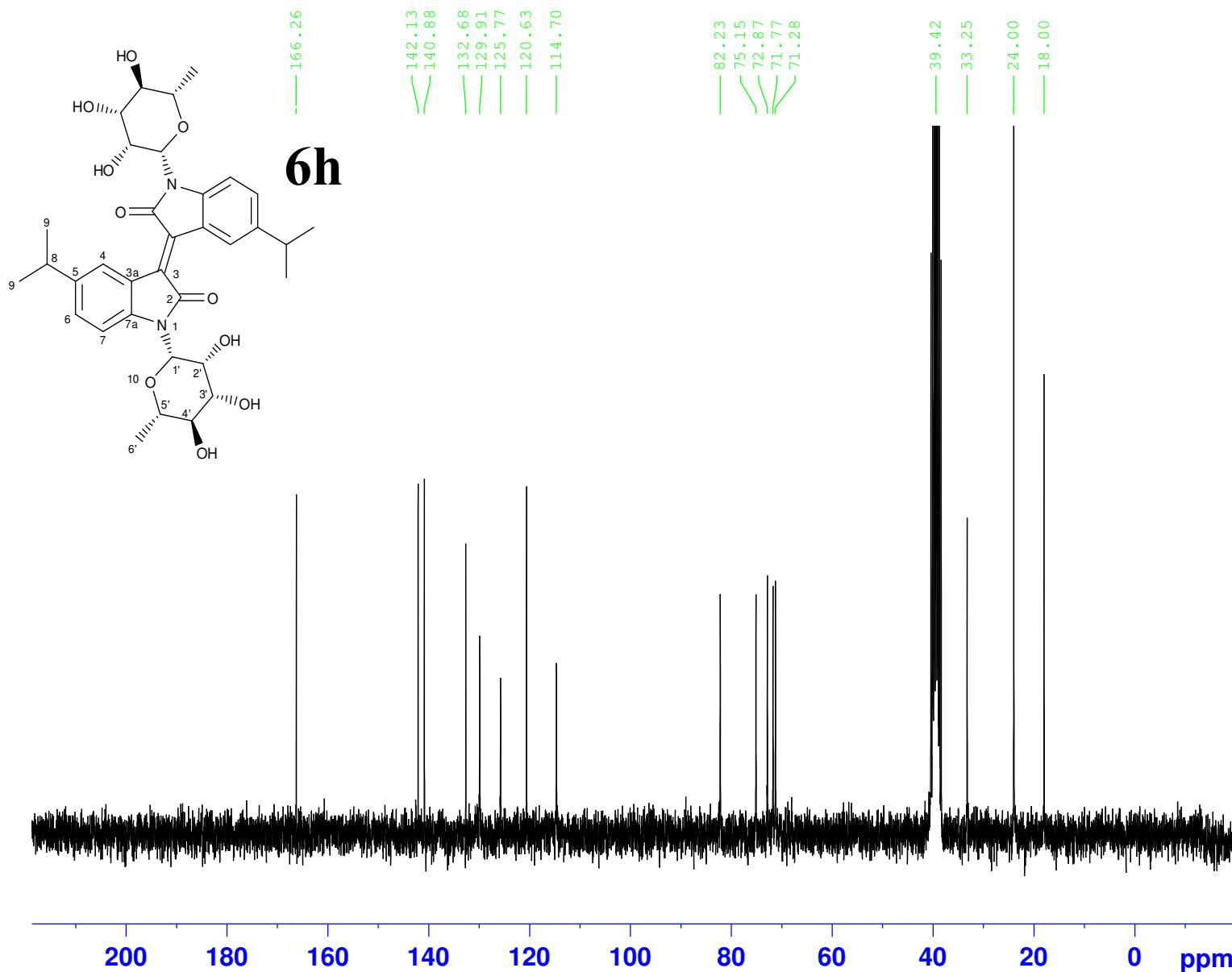
8.80
7.54
7.51
7.21
7.18
5.63
5.16
4.77
3.84
3.53
3.37
2.82
2.50
1.27
1.21

NAME 110120.u327
EXPNO 10
PROCNO 1
Date_ 20110120
Time 12.17
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 6188.119 Hz
FIDRES 0.094423 Hz
AQ 5.2953587 sec
RG 90.5
DW 80.800 usec
DE 10.00 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.00 usec
PL1 0.00 dB
PL1W 11.25325108 W
SFO1 300.1318534 MHz
SI 32768
SF 300.1300070 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



Kleeblatt DKP117 ¹³C DMSO



```

NAME          110121.218
EXPNO          10
PROCNO         1
Date_          20110122
Time           16.56
INSTRUM        spect
PROBHD         5 mm PABBO BB-
PULPROG        zgpg30
TD             65536
SOLVENT        DMSO
NS             1024
DS             4
SWH            15000.000 Hz
FIDRES         0.228882 Hz
AQ             2.1845834 sec
RG             2050
DW             33.333 usec
DE             10.00 usec
TE             297.9 K
D1             2.00000000 sec
d11            0.03000000 sec
DELTA          1.89999998 sec
TD0            1
  
```

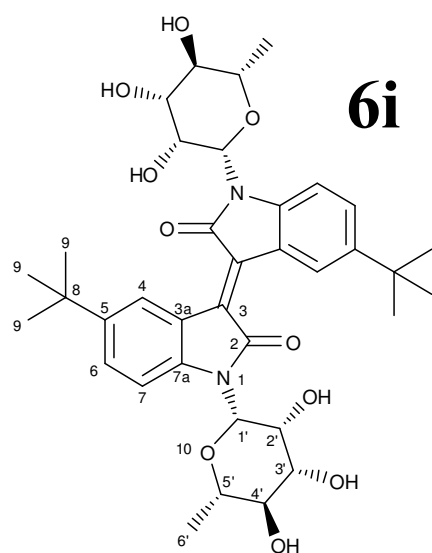
```

===== CHANNEL f1 =====
NUC1            13C
P1              10.00 usec
PL1             -1.00 dB
SFO1            62.9015280 MHz
  
```

```

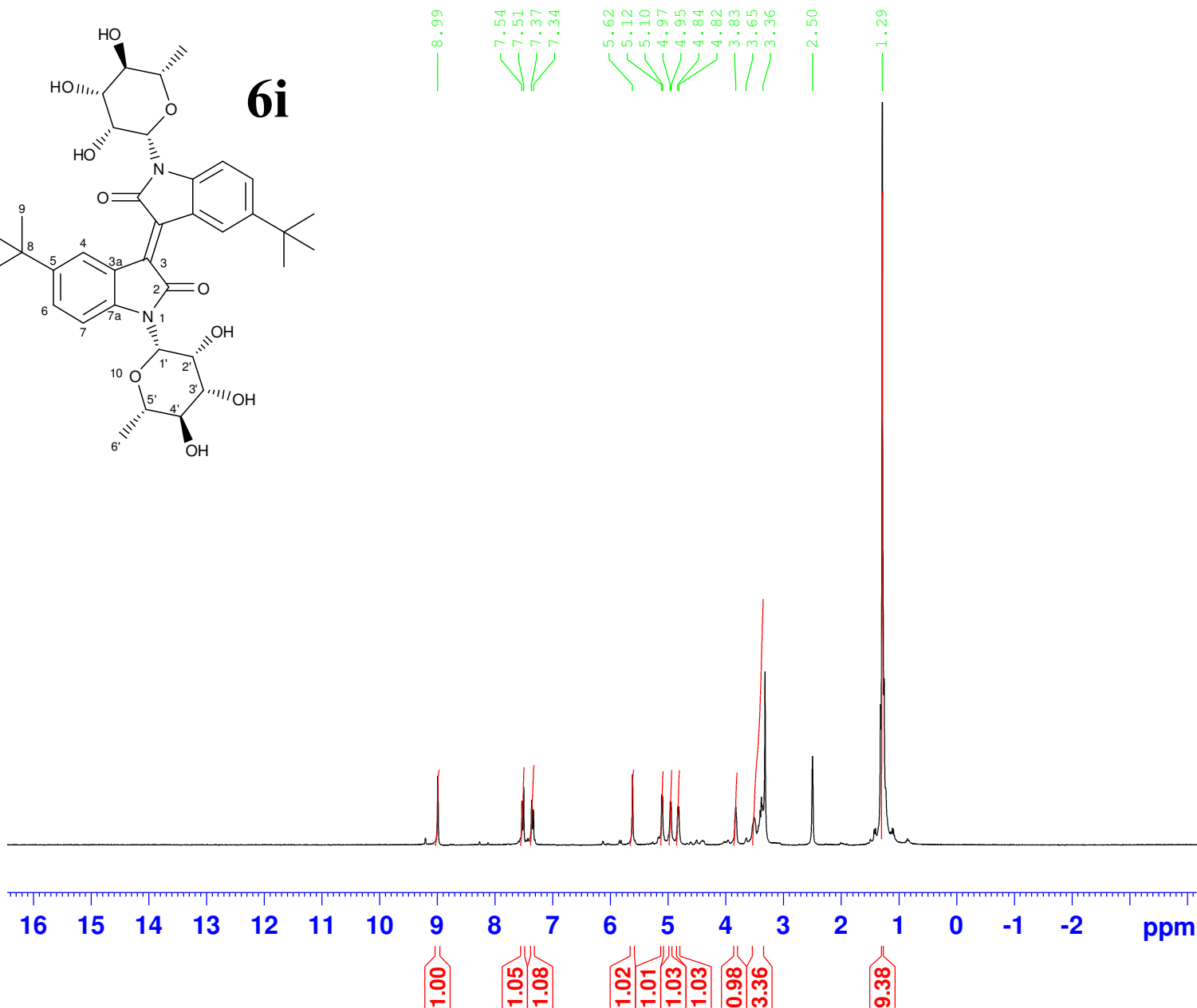
===== CHANNEL f2 =====
CPDPRG2         waltz16
NUC2             1H
PCPD2            70.00 usec
PL12             15.00 dB
PL13             15.00 dB
PL2              -2.50 dB
SFO2            250.1310005 MHz
SI              32768
SF              62.8952734 MHz
WDW              EM
SSB              0
LB              1.00 Hz
GB              0
PC              1.40
  
```

Kleeblatt DKP144 ¹H DMSO

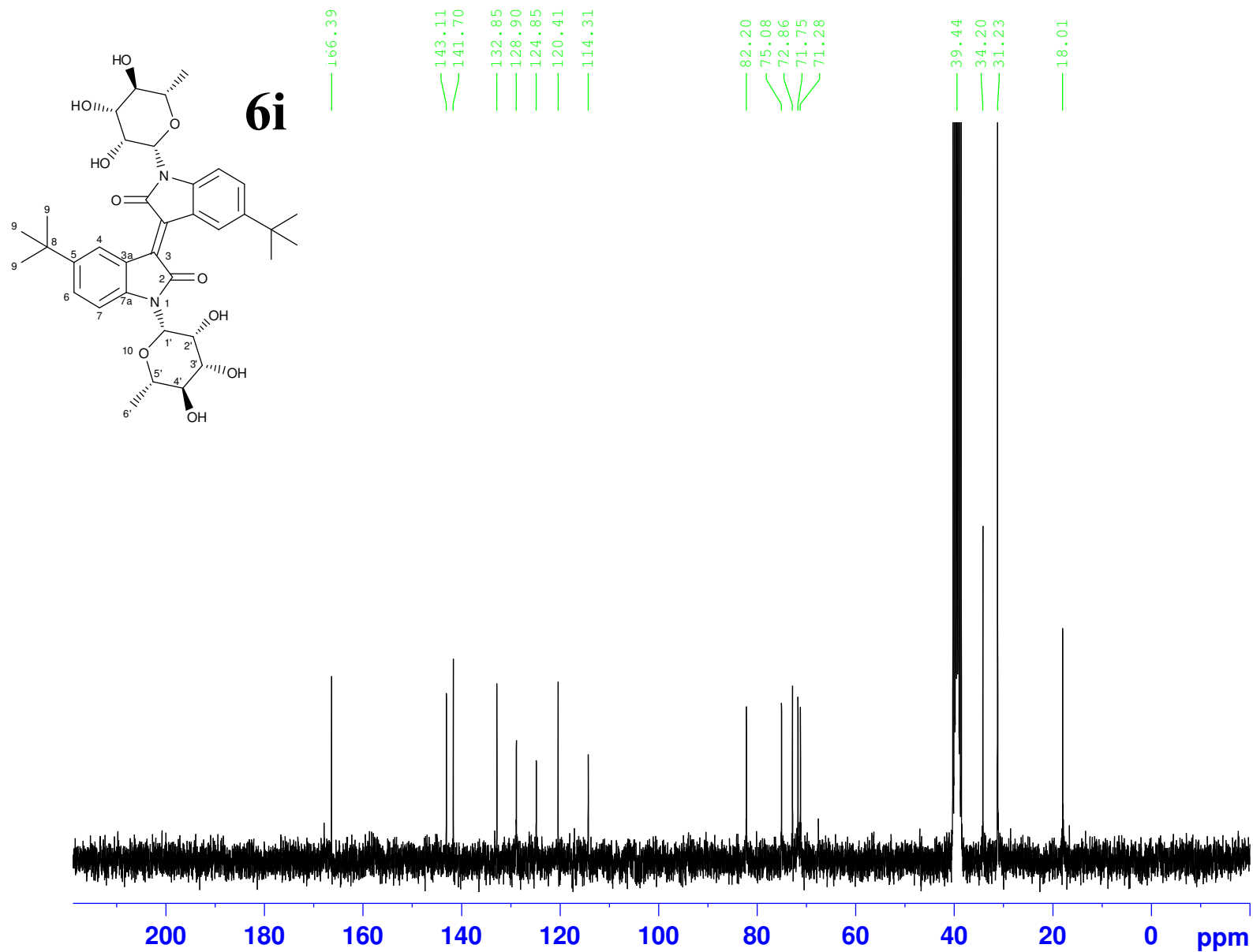
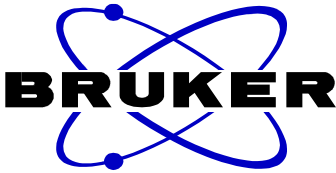


NAME 110516.u328
EXPNO 10
PROCNO 1
Date_ 20110516
Time 14.02
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 6188.119 Hz
FIDRES 0.094423 Hz
AQ 5.2953587 sec
RG 144
DW 80.800 usec
DE 10.00 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 ¹H
P1 10.00 usec
PL1 0.00 dB
PL1W 11.25325108 W
SFO1 300.1318534 MHz
SI 32768
SF 300.1300085 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



Kleeblatt DKP144 ¹³C DMSO



NAME 110516.u328
EXPNO 11
PROCNO 1
Date_ 20110517
Time 6.52
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT DMSO
NS 1024
DS 4
SWH 18028.846 Hz
FIDRES 0.275098 Hz
AQ 1.8175818 sec
RG 2050
DW 27.733 usec
DE 10.00 usec
TE 298.2 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 10.00 usec
PL1 -0.50 dB
PL1W 33.25691986 W
SFO1 75.4752953 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 72.00 usec
PL2 0.00 dB
PL12 17.00 dB
PL13 17.00 dB
PL2W 11.25325108 W
PL12W 0.22453187 W
PL13W 0.22453187 W
SFO2 300.1312005 MHz
SI 32768
SF 75.4677925 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40