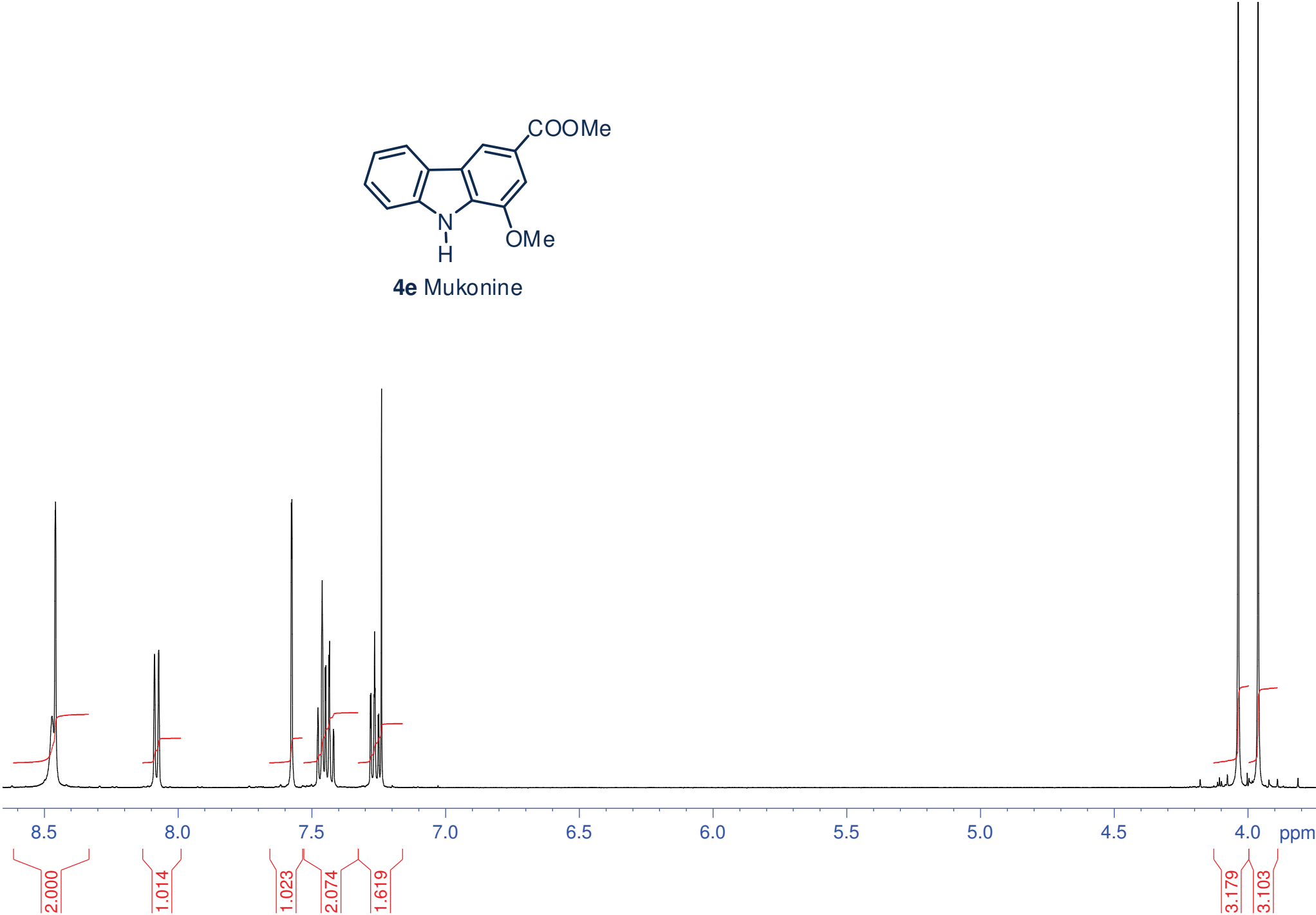
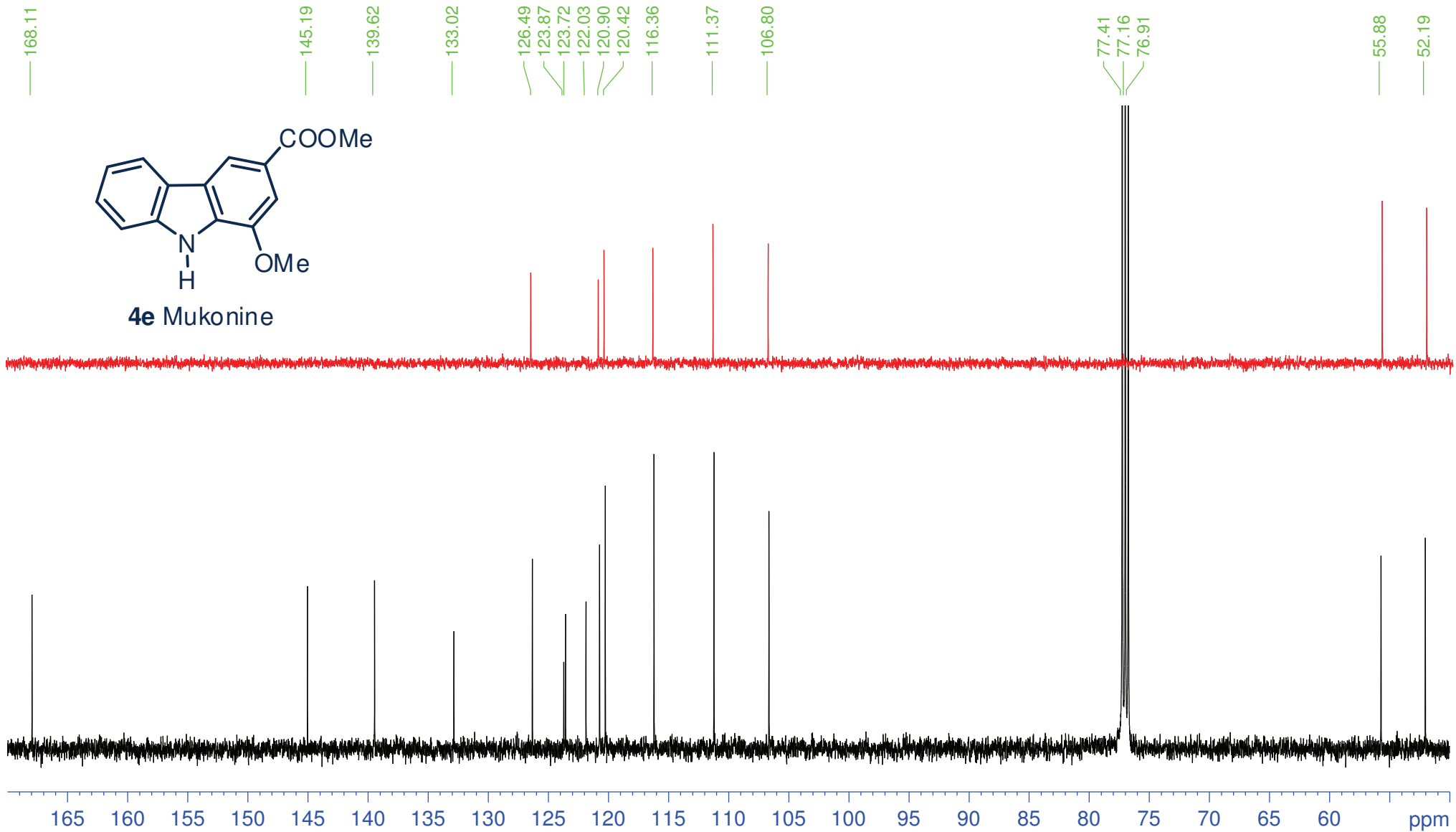
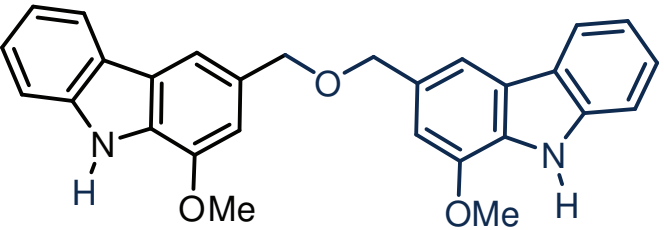


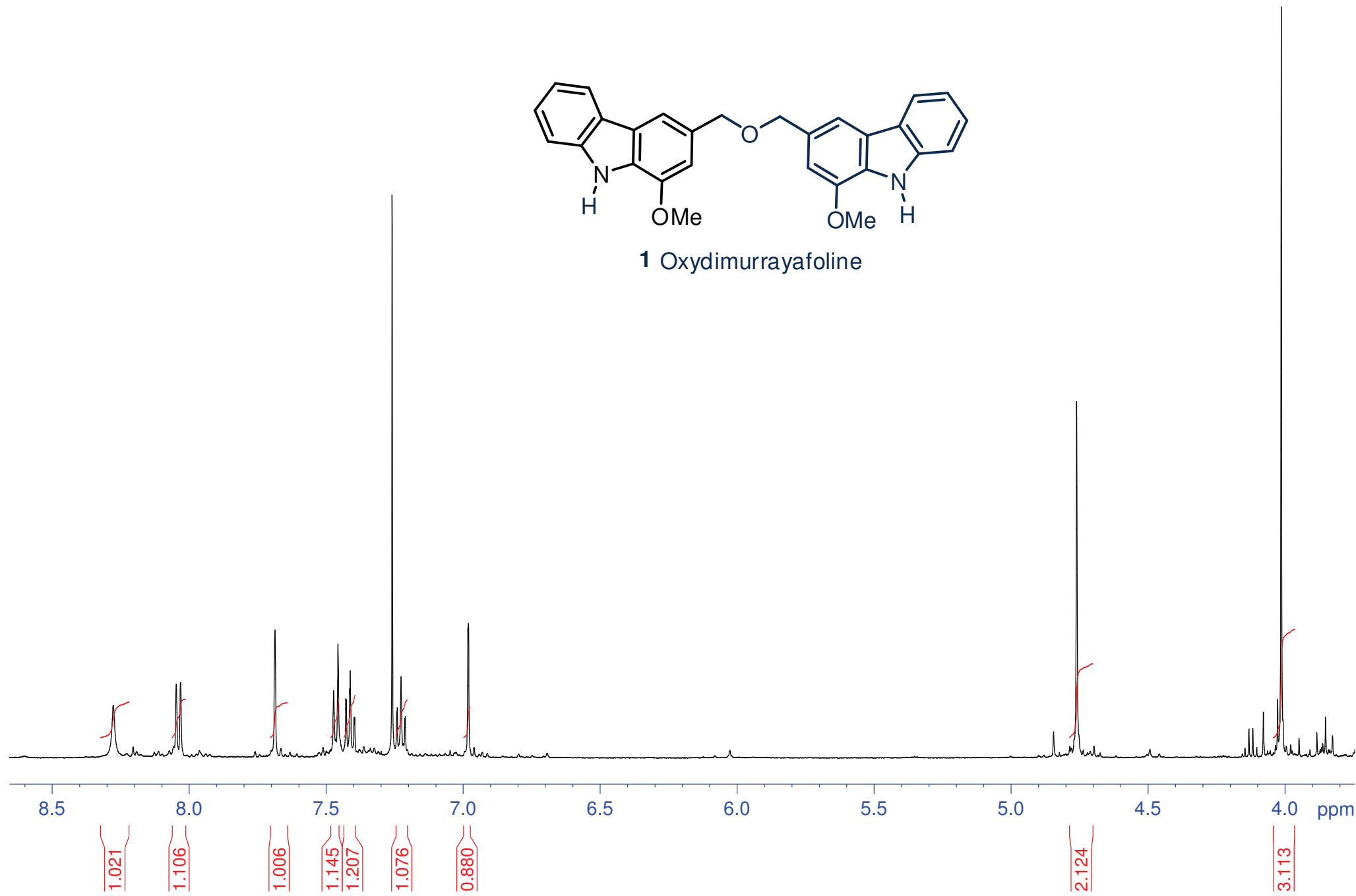
4e Mukonine

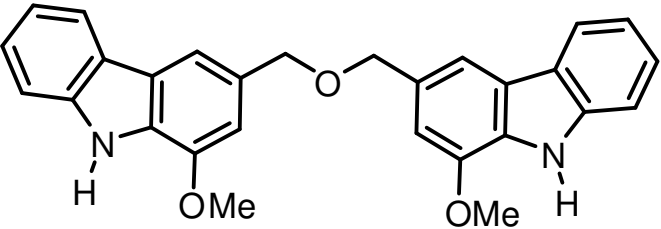




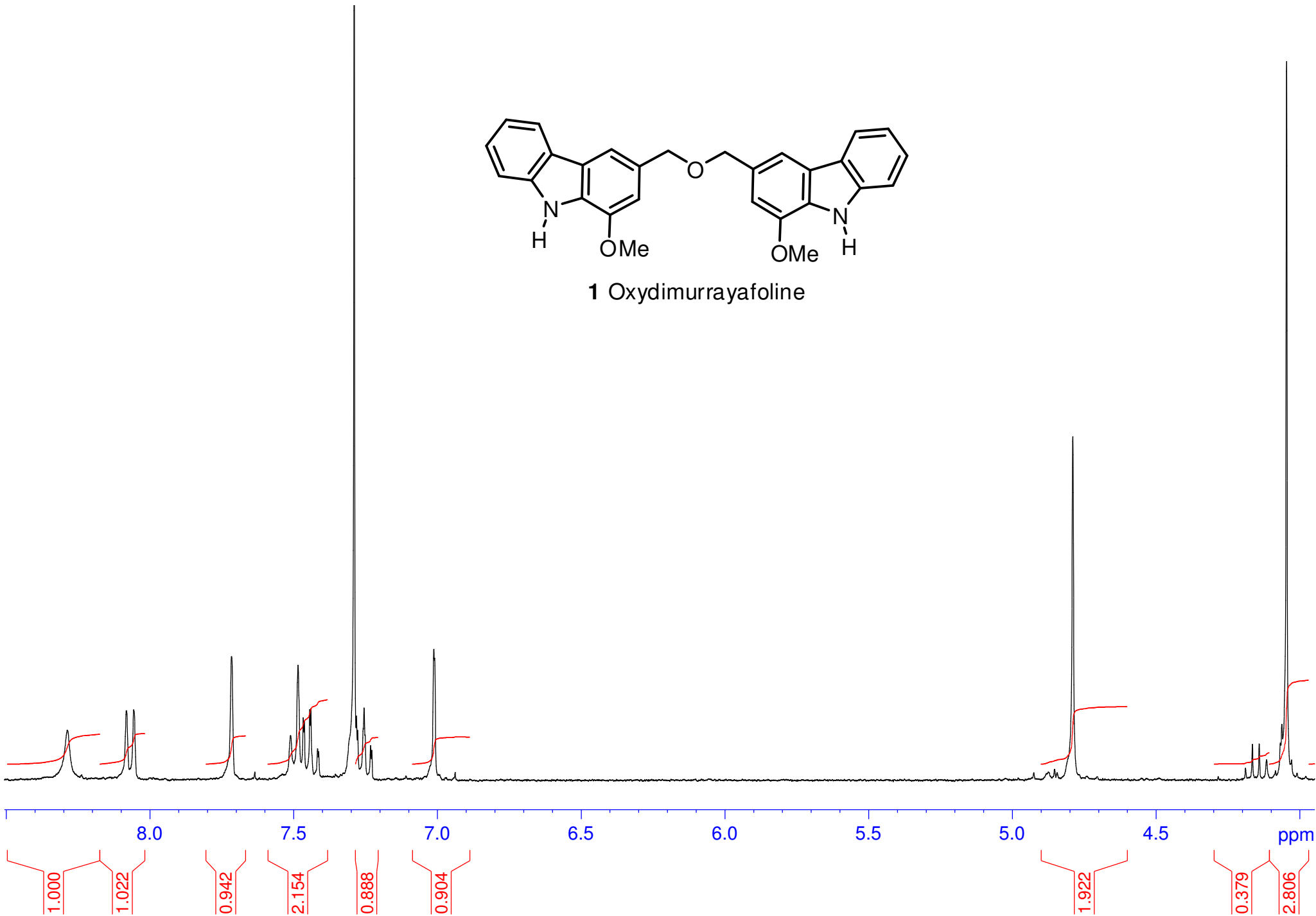


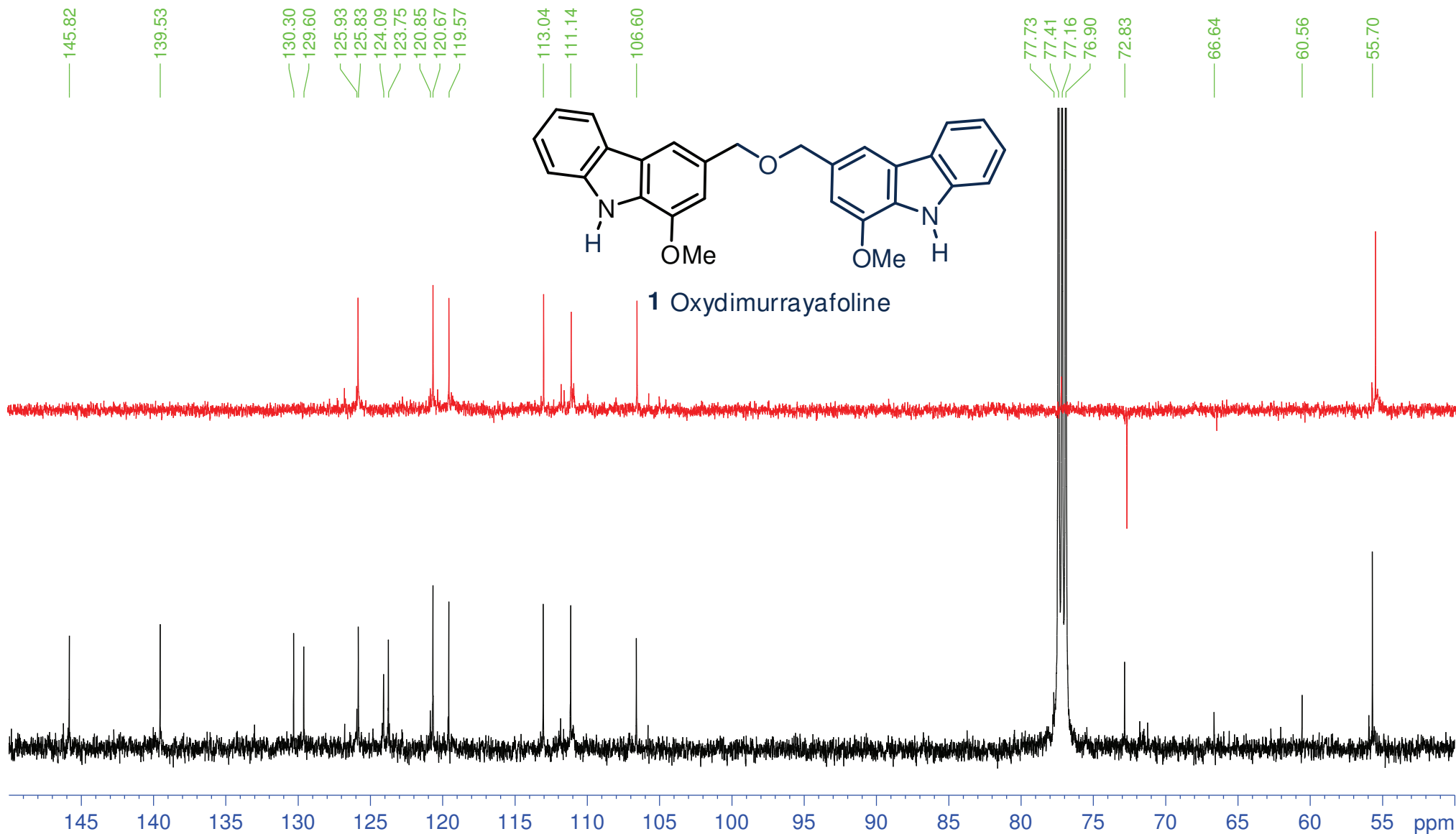
1 Oxydimurrayafoline

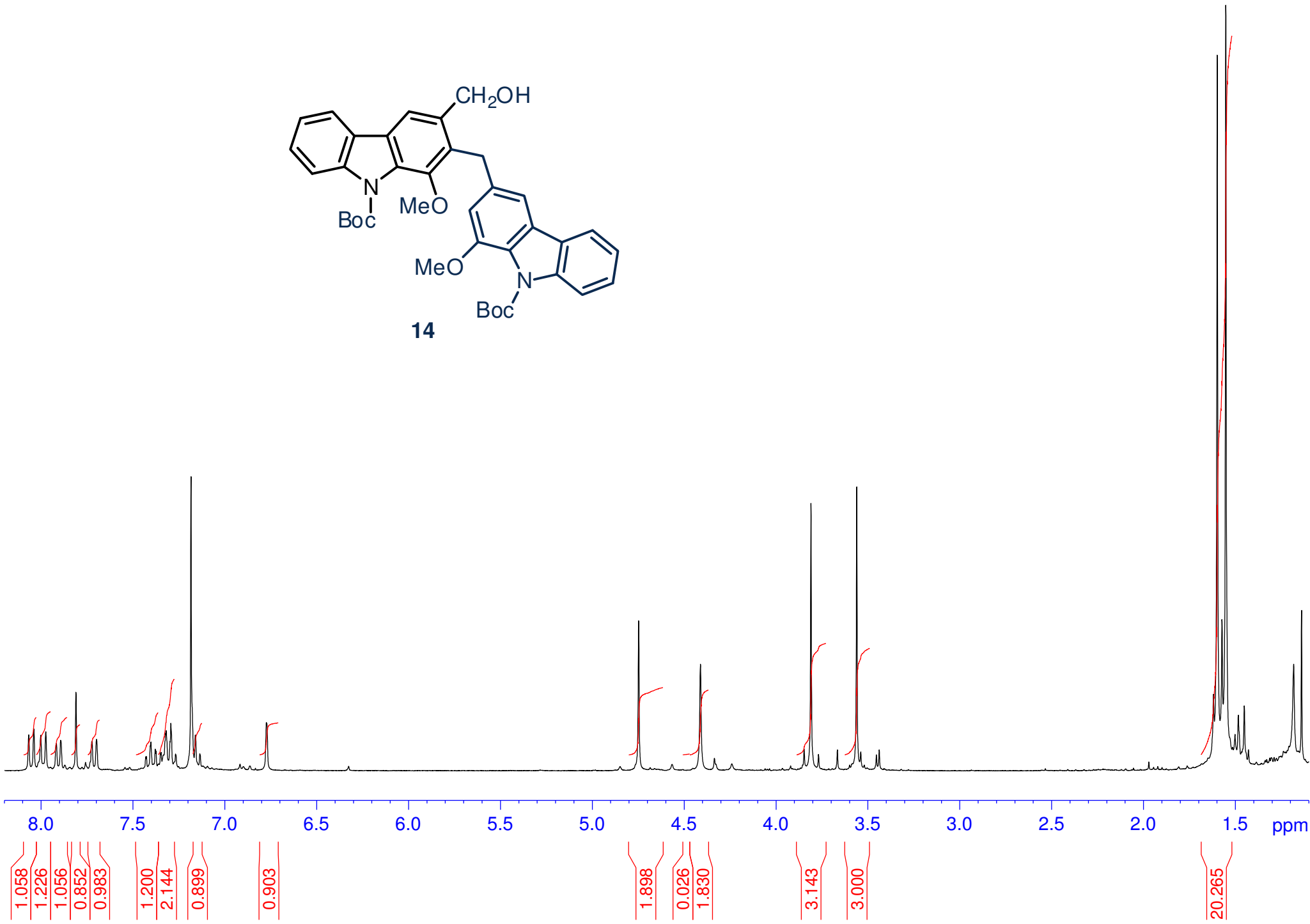
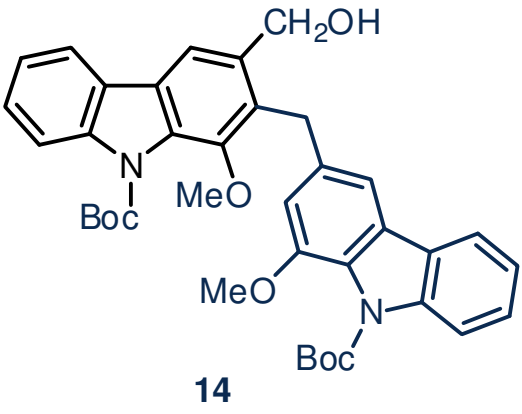


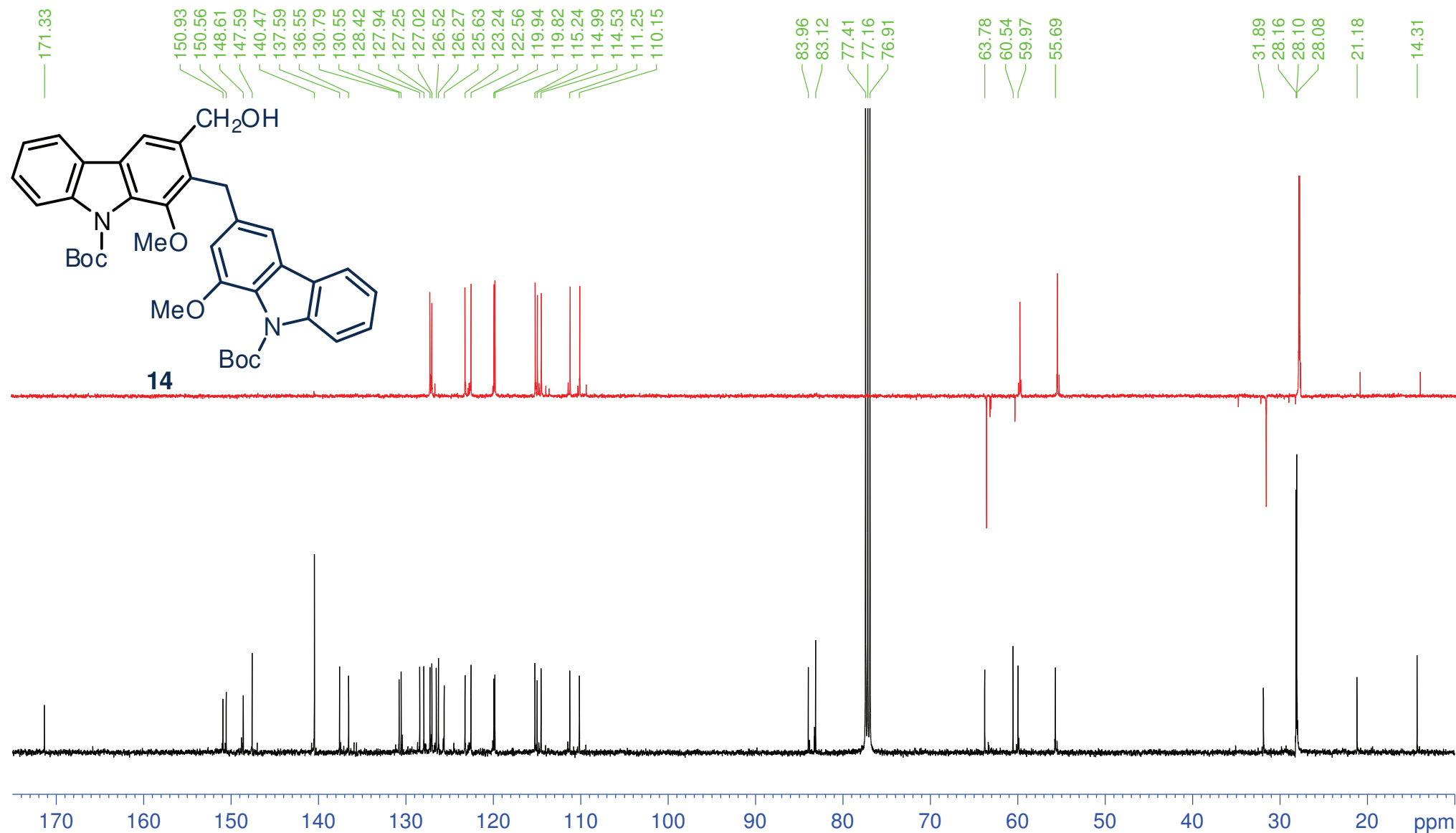


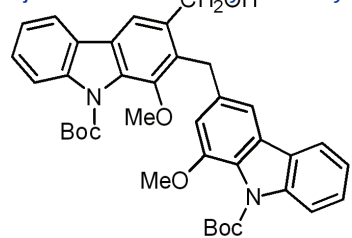
1 Oxydimurrayafoline



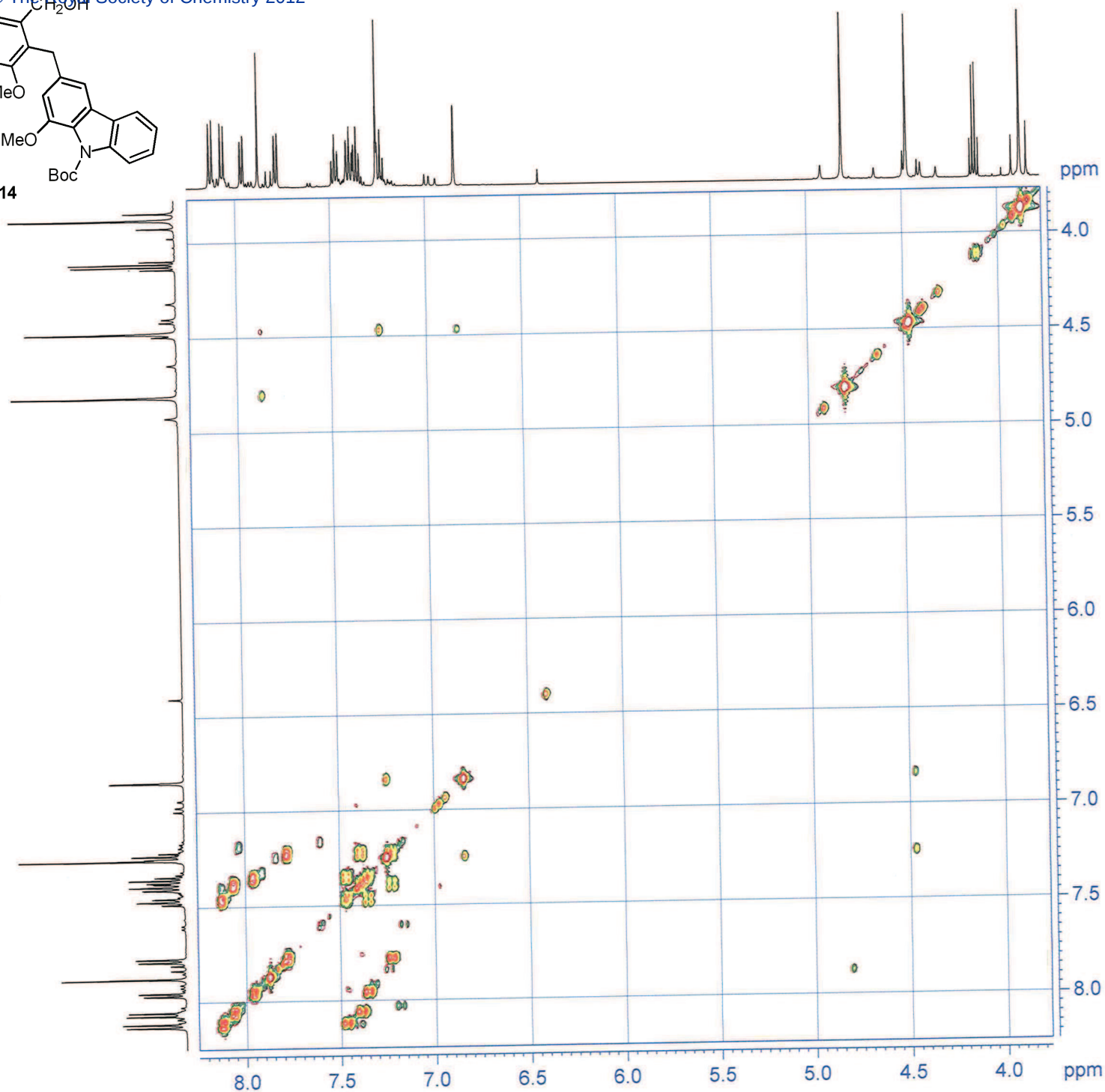








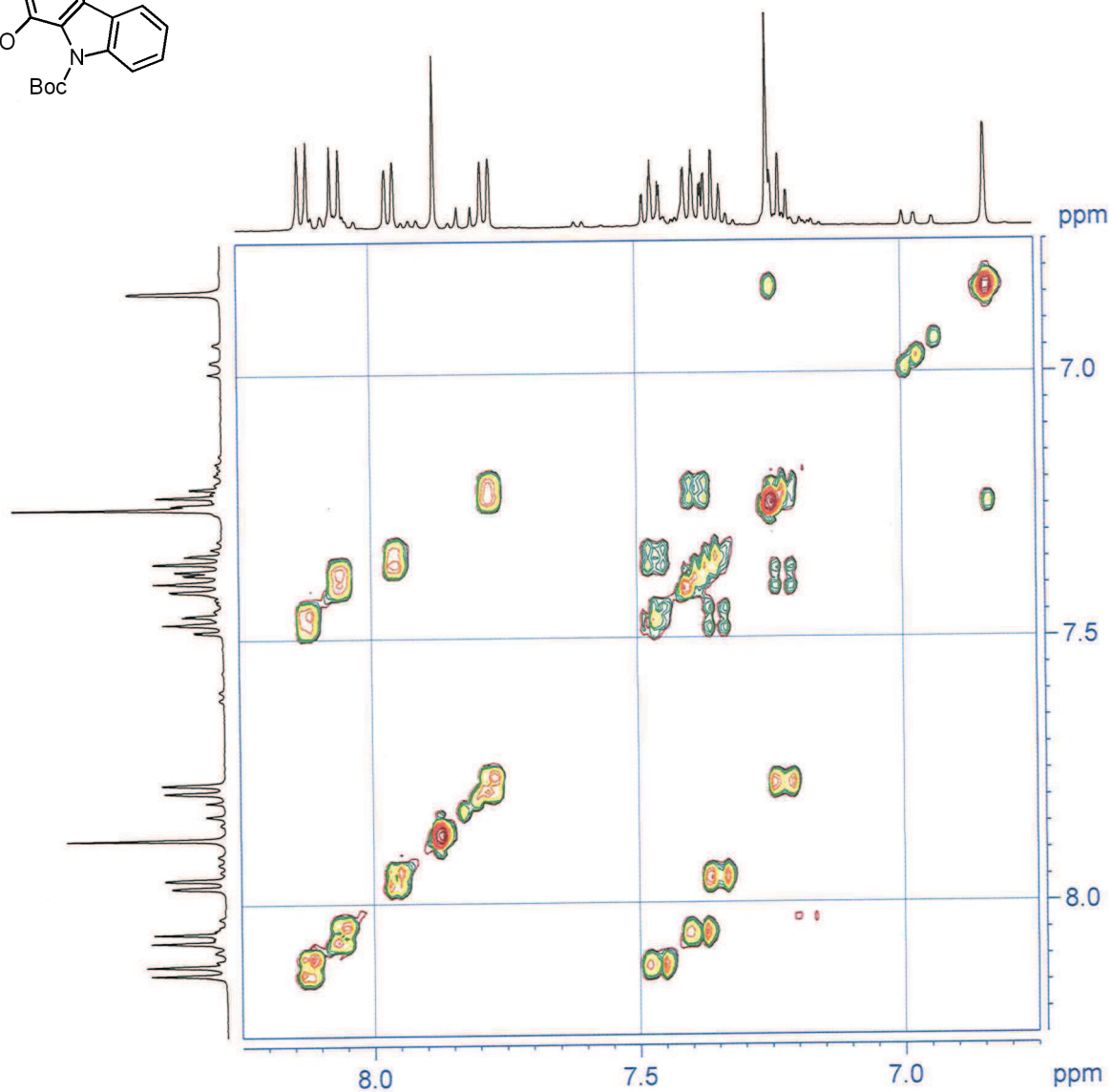
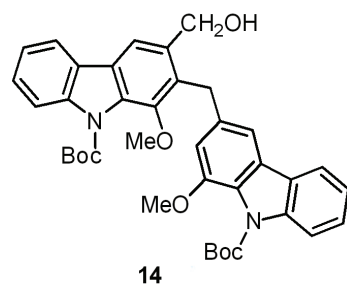
14



NAME CB50142
EXPNO 13
PROCNO 1
Date_ 20090613
Time 22.10
INSTRUM spect
PROBHD 5 mm BBO multi
PULPROG cosygs
TD 2048
SOLVENT CDCl3
NS 4
DS 8
SWH 5000.000 Hz
FIDRES 2.441406 Hz
AQ 0.2048500 sec
RG 181
DW 100.000 usec
DE 6.00 usec
TE 678.7 K
D0 0.0000300 sec
D1 1.48689198 sec
D13 0.0000300 sec
D16 0.00020000 sec
IN0 0.00019995 sec

===== CHANNEL f1 =====
NUC1 1H
P0 9.50 usec
P1 9.50 usec
PL1 0.00 dB
SFO1 500.1325007 MHz

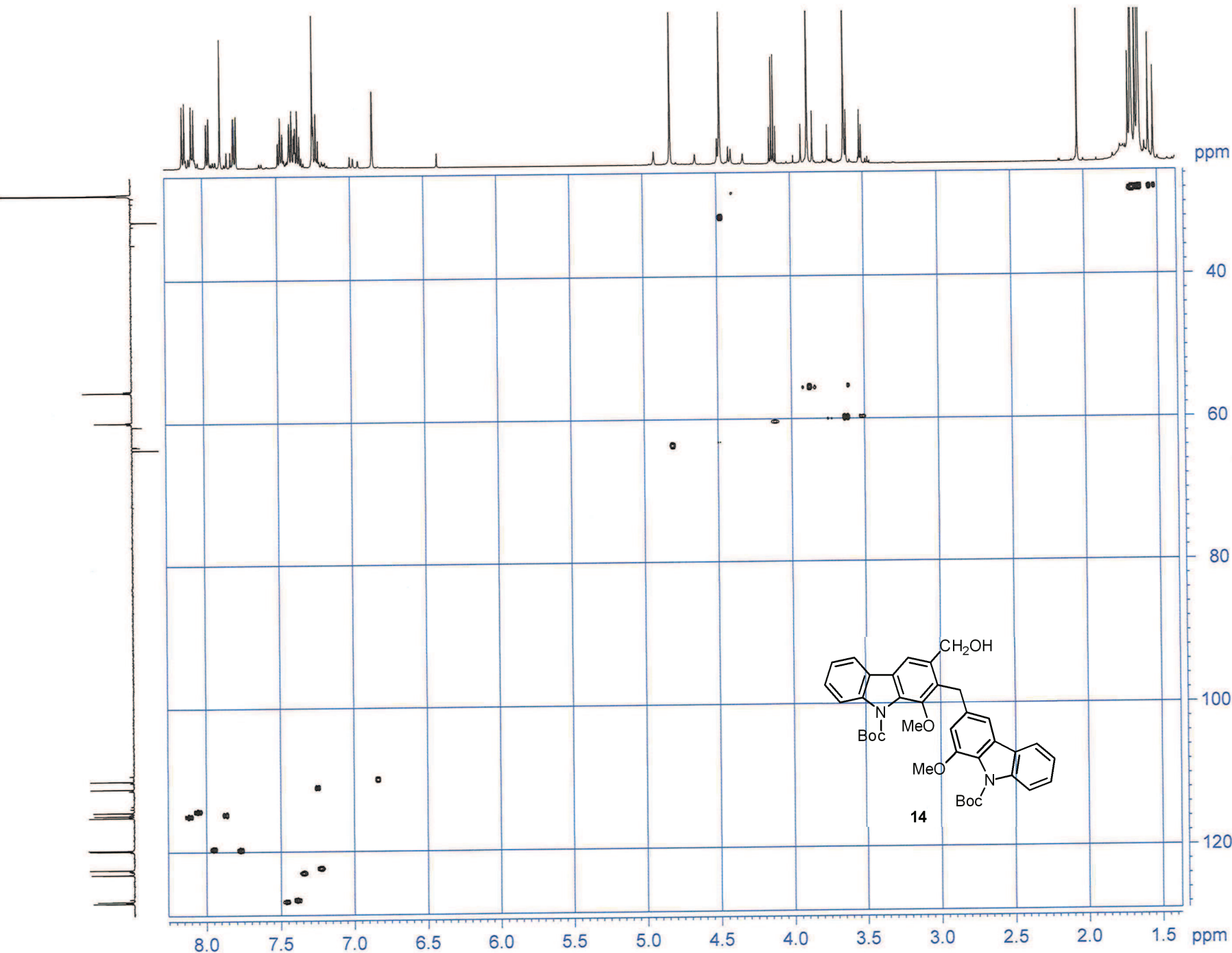
===== GRADIENT CHANNEL =====
P16 1000.00 usec
ND0 1
TD 400
SFO1 500.1325 MHz
FIDRES 12.503126 Hz
SW 10.000 ppm
FnMODE undefined
SI 1024
SF 500.1300232 MHz
WDW SINE
SSB 0
LB 0.00 Hz
GB 0
PC 1.40
SI 1024
MC2 QF
SF 500.1300233 MHz
WDW SINE
SSB 0
LB 0.00 Hz
GB 0



NAME CB50142
EXPNO 13
PROCNO 1
Date_ 20090613
Time 22.10
INSTRUM spect
PROBHD 5 mm BBO multi
PULPROG cosygs
TD 2048
SOLVENT CDCl3
NS 4
DS 8
SWH 5000.000 Hz
FIDRES 2.441406 Hz
AQ 0.2048500 sec
RG 181
DW 100.000 usec
DE 6.00 usec
TE 678.7 K
D0 0.00000300 sec
D1 1.48689198 sec
D13 0.00000300 sec
D16 0.00020000 sec
IN0 0.00019995 sec

===== CHANNEL f1 =====
NUC1 1H
P0 9.50 usec
P1 9.50 usec
PL1 0.00 dB
SFO1 500.1325007 MHz

===== GRADIENT CHANNEL =====
P16 1000.00 usec
ND0 1
TD 400
SFO1 500.1325 MHz
FIDRES 12.503126 Hz
SW 10.000 ppm
FnMODE undefined
SI 1024
SF 500.1300232 MHz
WDW SINE
SSB 0
LB 0.00 Hz
GB 0
PC 1.40
SI 1024
MC2 QF
SF 500.1300233 MHz
WDW SINE
SSB 0
LB 0.00 Hz
GB 0

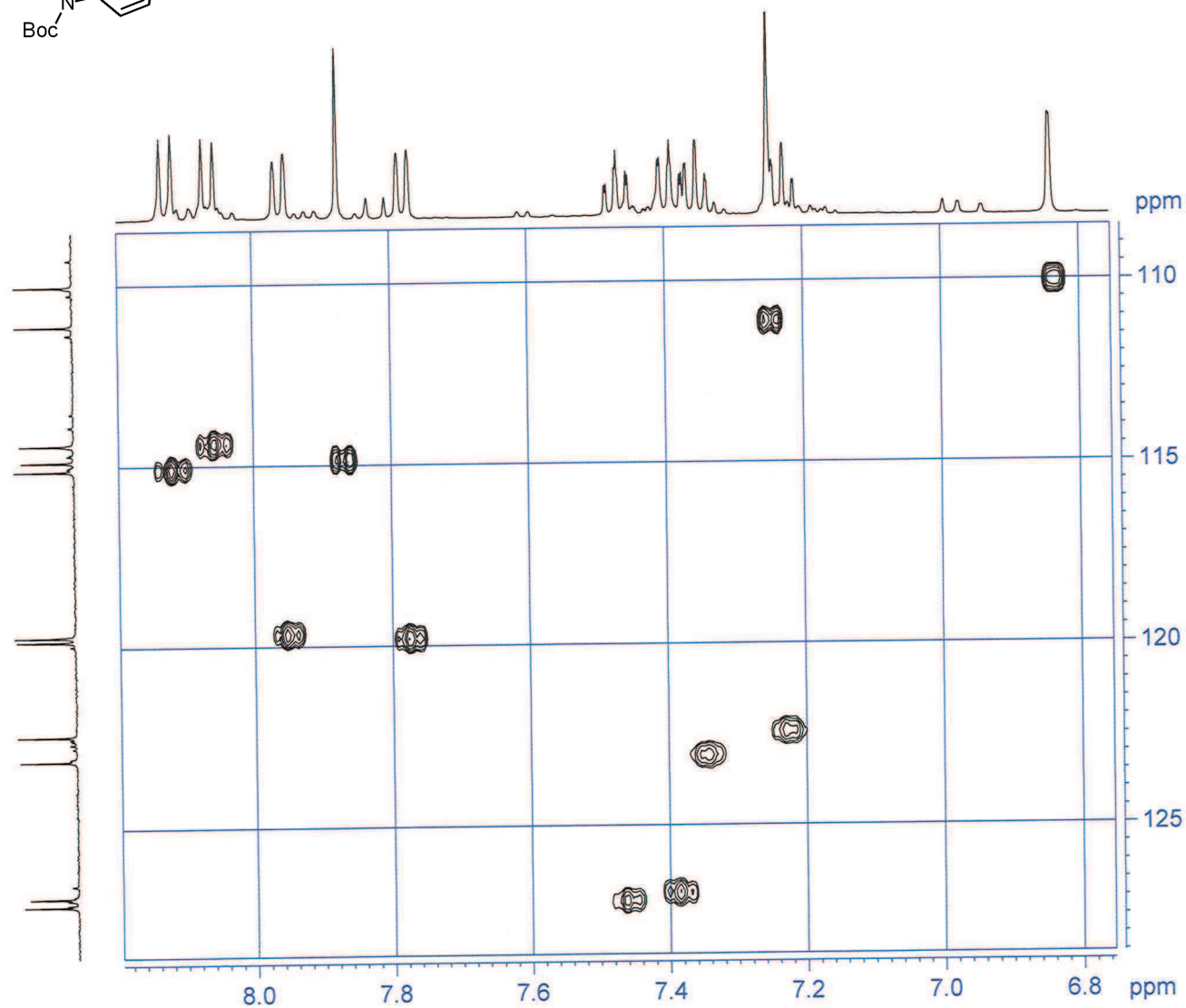
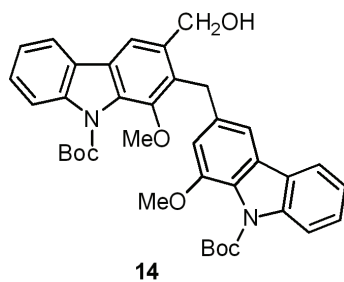


NAME CB50142
EXPNO 14
PROCNO 1
Date_ 20090613
Time_ 22.57
INSTRUM spect
PROBHD 5 mm BBO multi
PULPROG invigstg
TD 2048
SOLVENT CDCl3
NS 4
DS 8
SWH 5482.456 Hz
FIDRES 2.676980 Hz
AQ 0.1868276 sec
RG 7298.2
DW 91.200 usec
DE 6.00 usec
TE 678.6 K
D0 0.00000300 sec
D1 2.00000000 sec
D4 0.00172500 sec
D11 0.03000000 sec
D13 0.00000300 sec
D16 0.00020000 sec
d20 0.00120000 sec
d21 0.00051800 sec
IN0 0.00001190 sec

===== CHANNEL f1 =====
NUC1 1H
P1 9.50 usec
P2 19.00 usec
PL1 0.00 dB
SFO1 500.1325007 MHz

===== CHANNEL f2 =====
CPDPRG2 garp
NUC2 13C
P3 7.40 usec
P4 14.80 usec
PCPD2 80.00 usec
PL2 3.00 dB
PL12 14.00 dB
SFO2 125.7671198 MHz

===== GRADIENT CHANNEL =====
P16 1000.00 usec
ND0 4
TD 350
SFO1 125.7671 MHz
FIDRES 60.024010 Hz
SW 167.042 ppm
FnMODE undefined
SI 2048
SF 500.1300264 MHz
WDW QSINE
SSB 3
LB 0.00 Hz
GB 0
PC 1.40
SI 1024
MC2 TPPI
SF 125.7577887 MHz
WDW QSINE
SSB 3
LB 0.00 Hz
GB 0

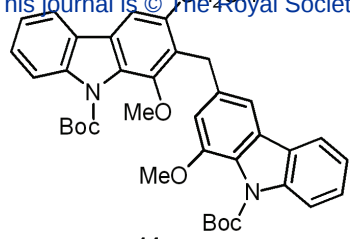


NAME CB50142
EXPNO 14
PROCNO 1
Date_ 20090613
Time 22.57
INSTRUM spect
PROBHD 5 mm BBO multi
PULPROG invgtp
TD 2048
SOLVENT CDCl3
NS 4
DS 8
SWH 5482.456 Hz
FIDRES 2.676980 Hz
AQ 0.1868276 sec
RG 7298.2
DW 91.200 usec
DE 6.00 usec
TE 678.6 K
D0 0.00000300 sec
D1 2.00000000 sec
D4 0.00172500 sec
D11 0.03000000 sec
D13 0.00000300 sec
D16 0.00020000 sec
d20 0.00120000 sec
d21 0.00051800 sec
INO 0.0001190 sec

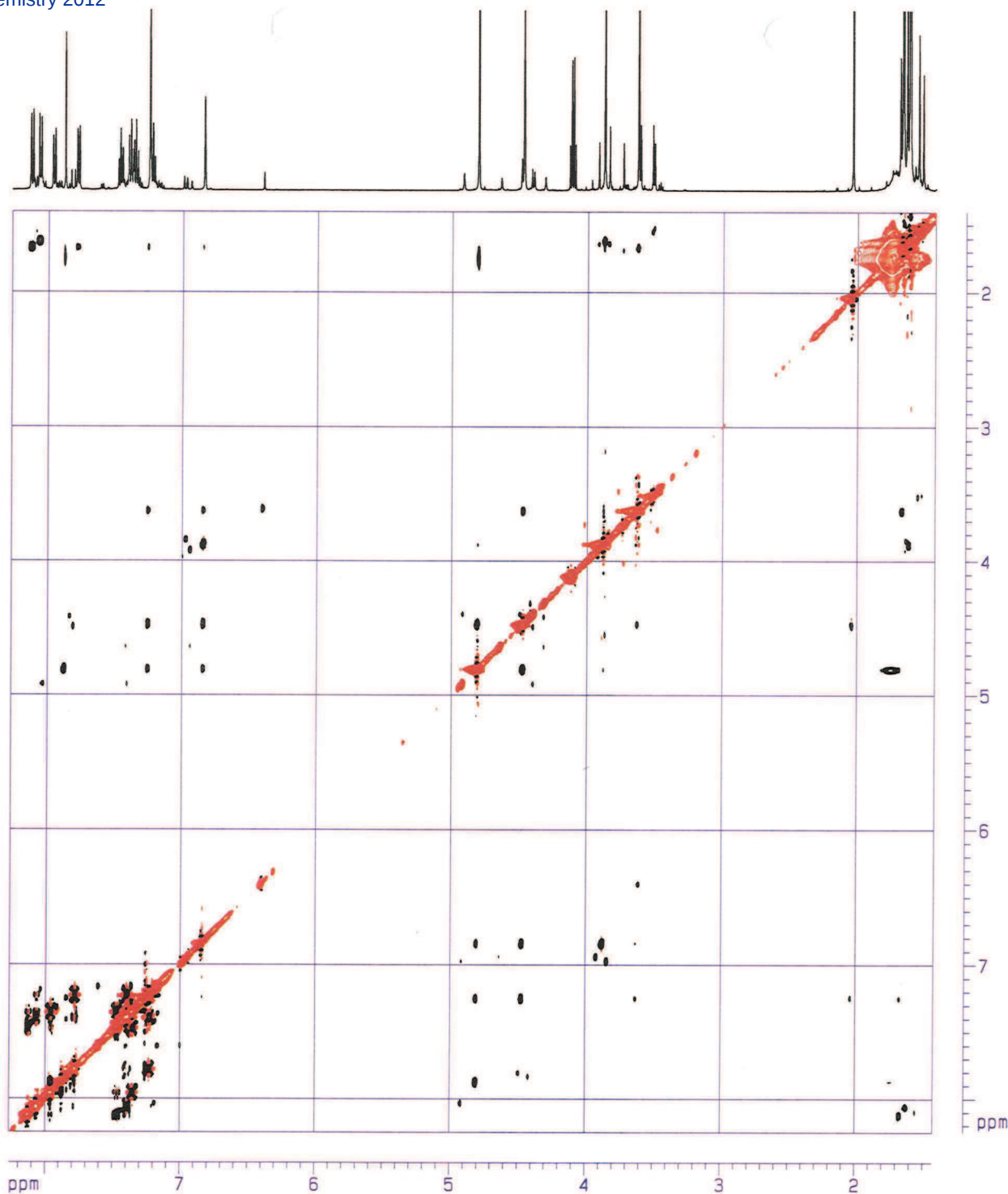
===== CHANNEL f1 =====
NUC1 1H
P1 9.50 usec
P2 19.00 usec
PL1 0.00 dB
SFO1 500.1325007 MHz

===== CHANNEL f2 =====
CPDPRG2 garp
NUC2 13C
P3 7.40 usec
P4 14.80 usec
PCPD2 80.00 usec
PL2 3.00 dB
PL12 14.00 dB
SFO2 125.7671198 MHz

===== GRADIENT CHANNEL =====
P16 1000.00 usec
ND0 4
TD 350
SFO1 125.7671 MHz
FIDRES 60.024010 Hz
SW 167.042 ppm
FnMODE undefined
SI 2048
SF 500.1300264 MHz
WDW QSINE
SSB 3
LB 0.00 Hz
GB 0
PC 1.40
SI 1024
MC2 TPPI
SF 125.7577887 MHz
WDW QSINE
SSB 3
LB 0.00 Hz
GB 0



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Current Data Parameters
NAME CB50142
EXPNO 16
PROCNO 1

F2 - Acquisition Parameters
Date_ 20090613
Time 23.50
INSTRUM spect
PROBHD 5 mm BBO multi
PULPROG noesygptp
TD 2048
SOLVENT CDCl3
NS 16
DS 4
SWH 5122.951 Hz
FIDRES 2.501441 Hz
AQ 0.1999348 sec
RG 40
DW 97.600 usec
DE 5.00 usec
TE 678.8 K
D0 0.00000300 sec
D1 2.00000000 sec
D8 0.80000001 sec
D16 0.00020000 sec
d20 0.39880002 sec
IN0 0.0009750 sec

===== CHANNEL f1 =====
NUC1 1H
P1 9.50 usec
P2 19.00 usec
PL1 0.00 dB
SF01 500.132022 MHz

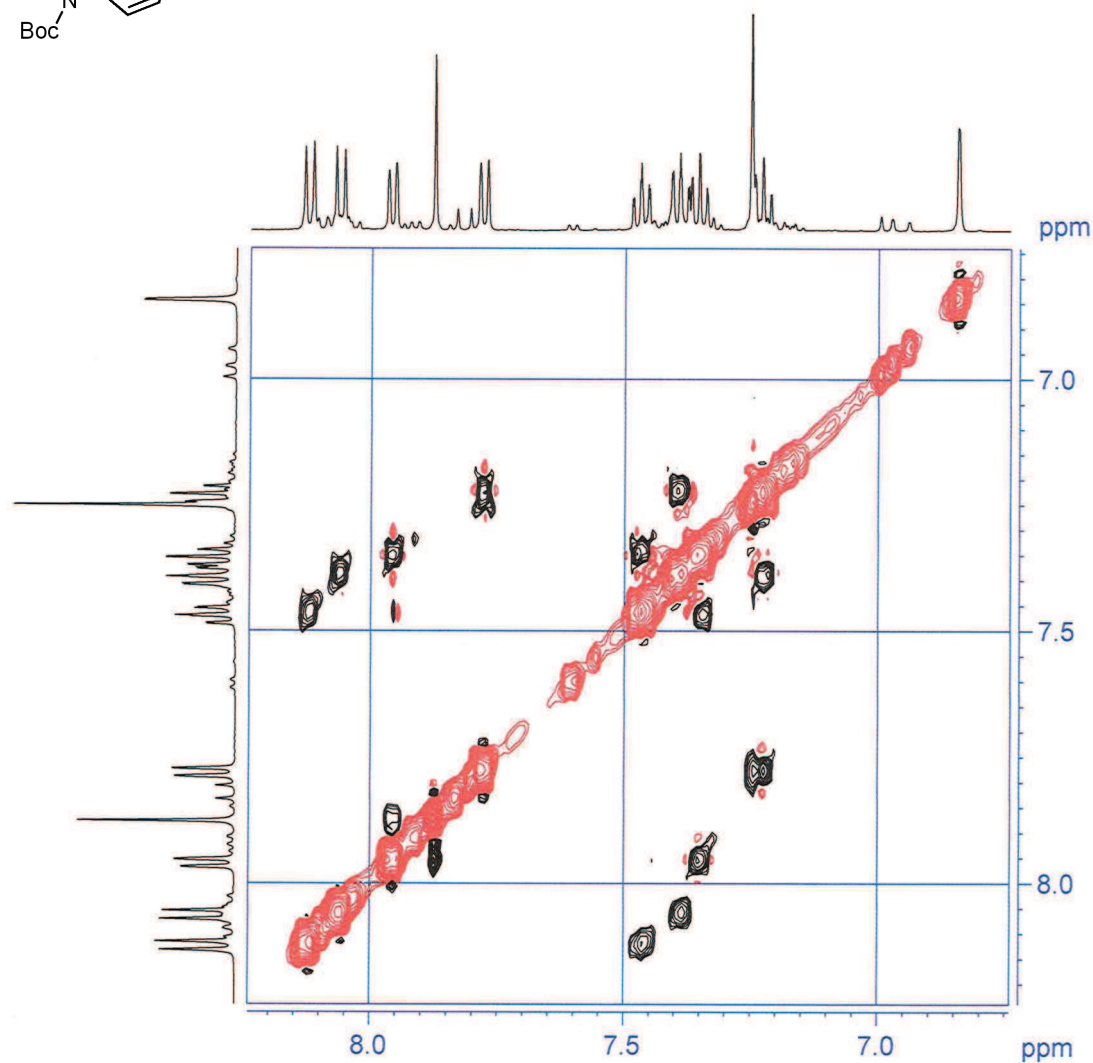
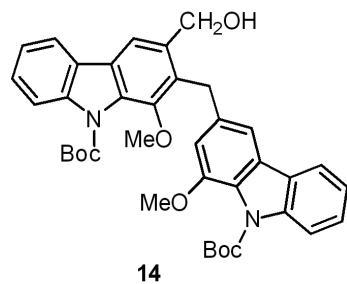
===== GRADIENT CHANNEL =====
GPNAM1 sine.100
GPNAM2 sine.100
GPX1 0.00 %
GPX2 0.00 %
GPY1 0.00 %
GPY2 0.00 %
GPZ1 40.00 %
GPZ2 -40.00 %
P16 1000.00 usec

F1 - Acquisition parameters
ND0 2
TD 350
SF01 500.1323 MHz
FIDRES 14.652015 Hz
SW 10.254 ppm

F2 - Processing parameters
SI 1024
SF 500.1300224 MHz
WDW QSINE
SSB 2
LB 0.00 Hz
GB 0
PC 1.40

F1 - Processing parameters
SI 1024
MC2 TPPI
SF 500.1300232 MHz
WDW QSINE
SSB 2
LB 0.00 Hz
GB 0

2D NMR plot parameters
CX2 15.00 cm
CX1 15.00 cm
F2PLO 8.270 ppm
F2LO 4135.88 Hz
F2PHI 1.427 ppm
F2HI 713.91 Hz
F1PLO 8.252 ppm
F1LO 4126.95 Hz
F1PHI 1.403 ppm
F1HI 701.47 Hz
F2PPMCM 0.45614 ppm/cm
F2HZCM 228.13141 Hz/cm
F1PPMCM 0.45651 ppm/cm
F1HZCM 228.36540 Hz/cm



```

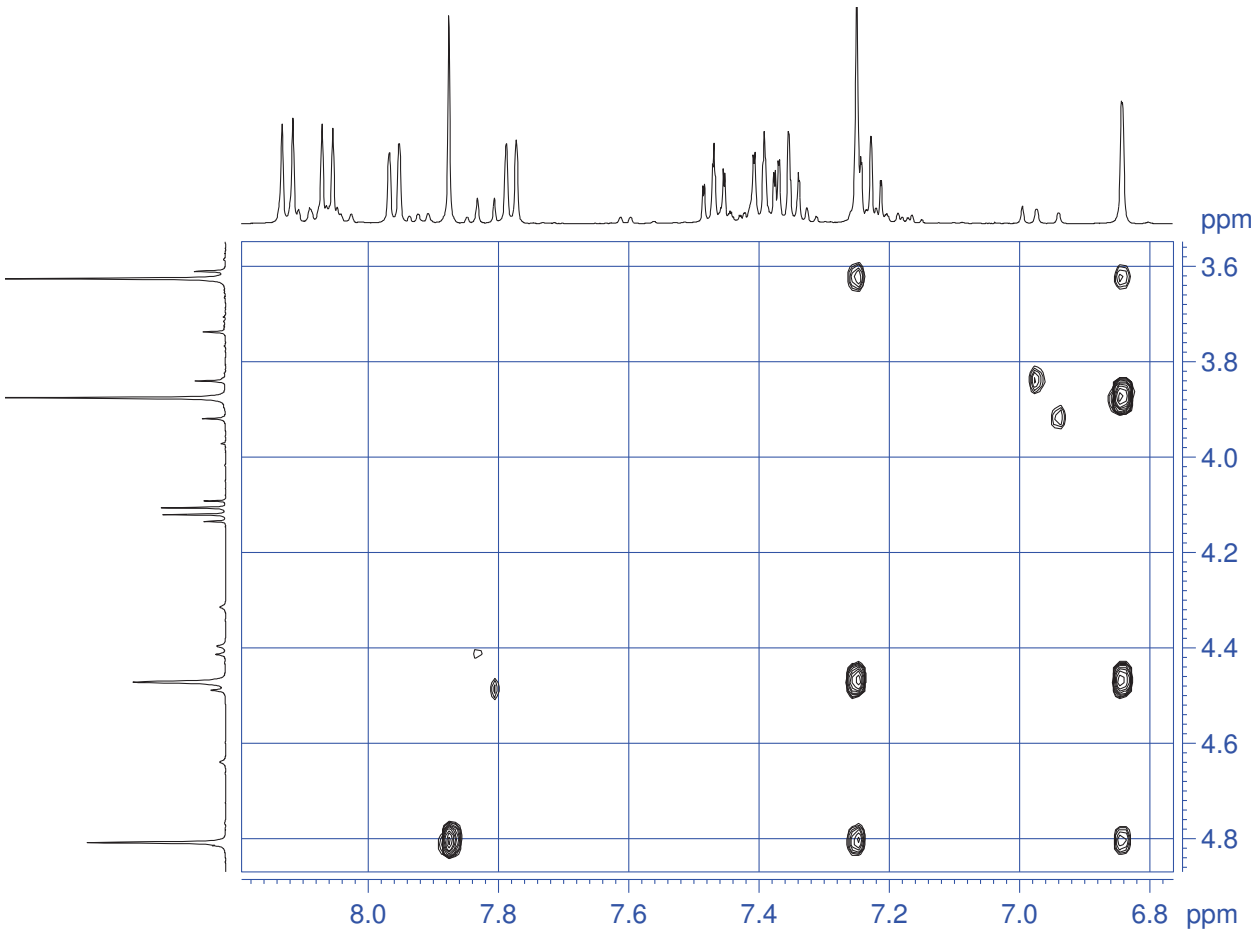
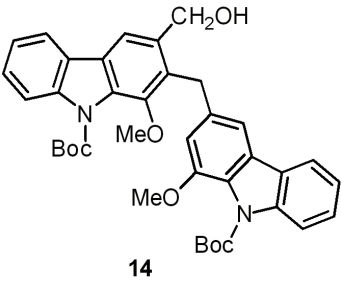
NAME      CB50142
EXPNO     16
PROCNO    1
Date_     20090613
Time      23.50
INSTRUM    spect
PROBHD     5 mm BBO multi
PULPROG    noesygptp
TD         2048
SOLVENT    CDCl3
NS         16
DS         4
SWH        5122.951 Hz
FIDRES     2.501441 Hz
AQ         0.1999348 sec
RG         40
DW         97.600 usec
DE         5.00 usec
TE         678.8 K
D0         0.00000300 sec
D1         2.00000000 sec
D8         0.80000001 sec
D16        0.00020000 sec
d20        0.39880002 sec
IN0        0.00009750 sec
  
```

```

===== CHANNEL f1 =====
NUC1      1H
P1        9.50 usec
P2        19.00 usec
PL1       0.00 dB
SFO1      500.1323022 MHz
  
```

```

===== GRADIENT CHANNEL =====
GPNAM1    sine.100
GPNAM2    sine.100
GPX1      0.00 %
GPX2      0.00 %
GPY1      0.00 %
GPY2      0.00 %
GPZ1      40.00 %
GPZ2      -40.00 %
P16       1000.00 usec
ND0       2
TD         350
SFO1      500.1323 MHz
FIDRES     14.652015 Hz
SW         10.254 ppm
FnMODE     undefined
SI         1024
SF         500.1300224 MHz
WDW        QSINE
SSB        2
LB         0.00 Hz
GB         0
PC         1.40
SI         1024
MC2        TPPI
  
```



NAME CB50142
EXPNO 16
PROCNO 1
Date_ 20090613
Time 23.50
INSTRUM spect
PROBHD 5 mm BBO multi
PULPROG noesygptp
TD 2048
SOLVENT CDCl3
NS 16
DS 4
SWH 5122.951 Hz
FIDRES 2.501441 Hz
AQ 0.1999348 sec
RG 40
DW 97.600 usec
DE 5.00 usec
TE 678.8 K
D0 0.00000300 sec
D1 2.00000000 sec
D8 0.80000001 sec
D16 0.00020000 sec
d20 0.39880002 sec
IN0 0.00009750 sec

===== CHANNEL f1 =====
NUC1 1H
P1 9.50 usec
P2 19.00 usec
PL1 0.00 dB
SFO1 500.1323022 MHz

===== GRADIENT CHANNEL =====
GPNAM1 sine.100
GPNAM2 sine.100
GPX1 0.00 %
GPX2 0.00 %
GPY1 0.00 %
GPY2 0.00 %
GPZ1 40.00 %
GPZ2 -40.00 %
P16 1000.00 usec
ND0 2
TD 350
SFO1 500.1323 MHz
FIDRES 14.652015 Hz
SW 10.254 ppm
FnMODE undefined
SI 1024
SF 500.1300224 MHz
WDW QSINE
SSB 2
LB 0.00 Hz
GB 0
PC 1.40
SI 1024
MC2 TPPI

