

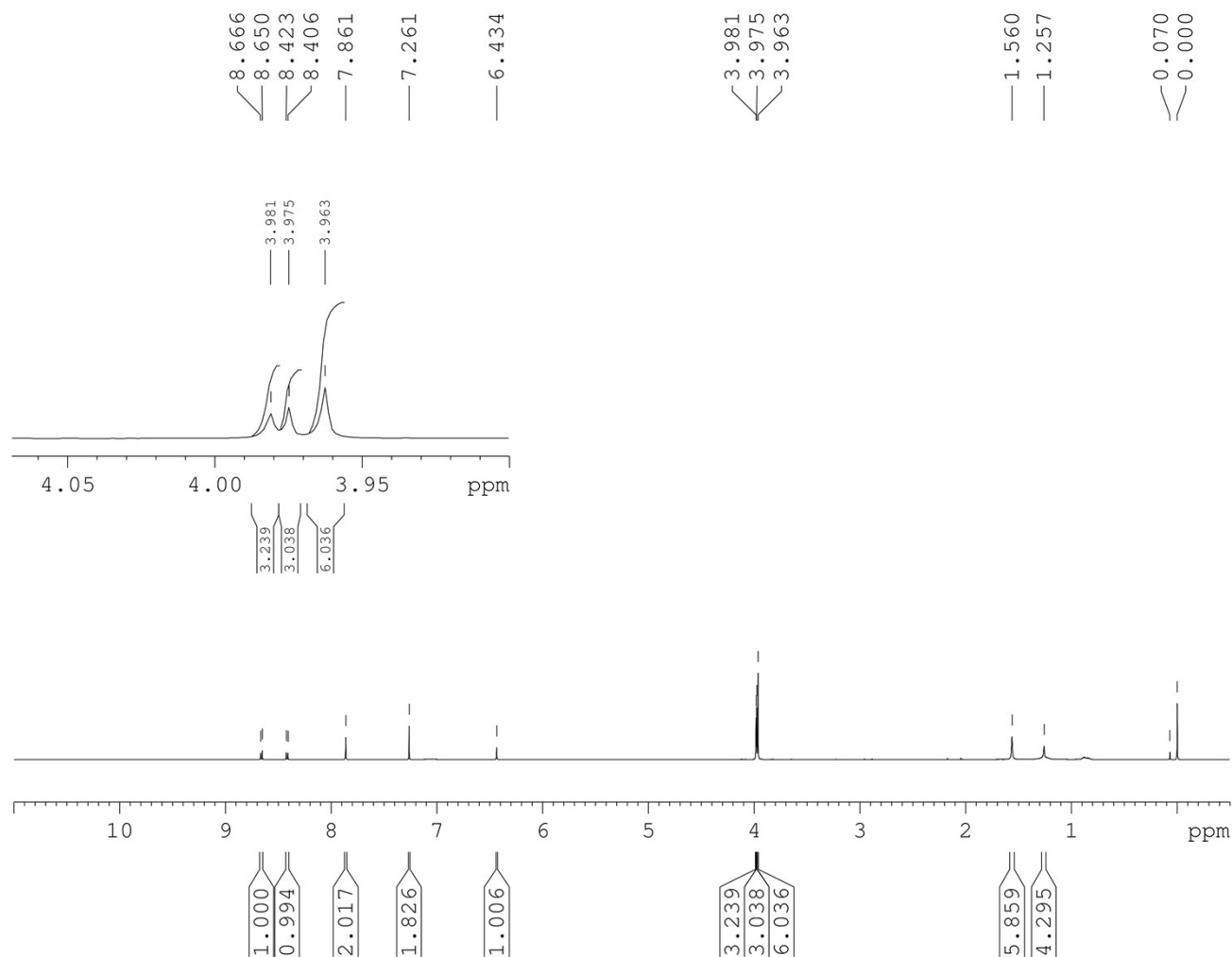
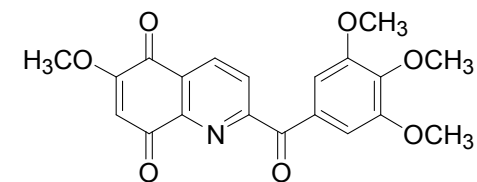
Support Information

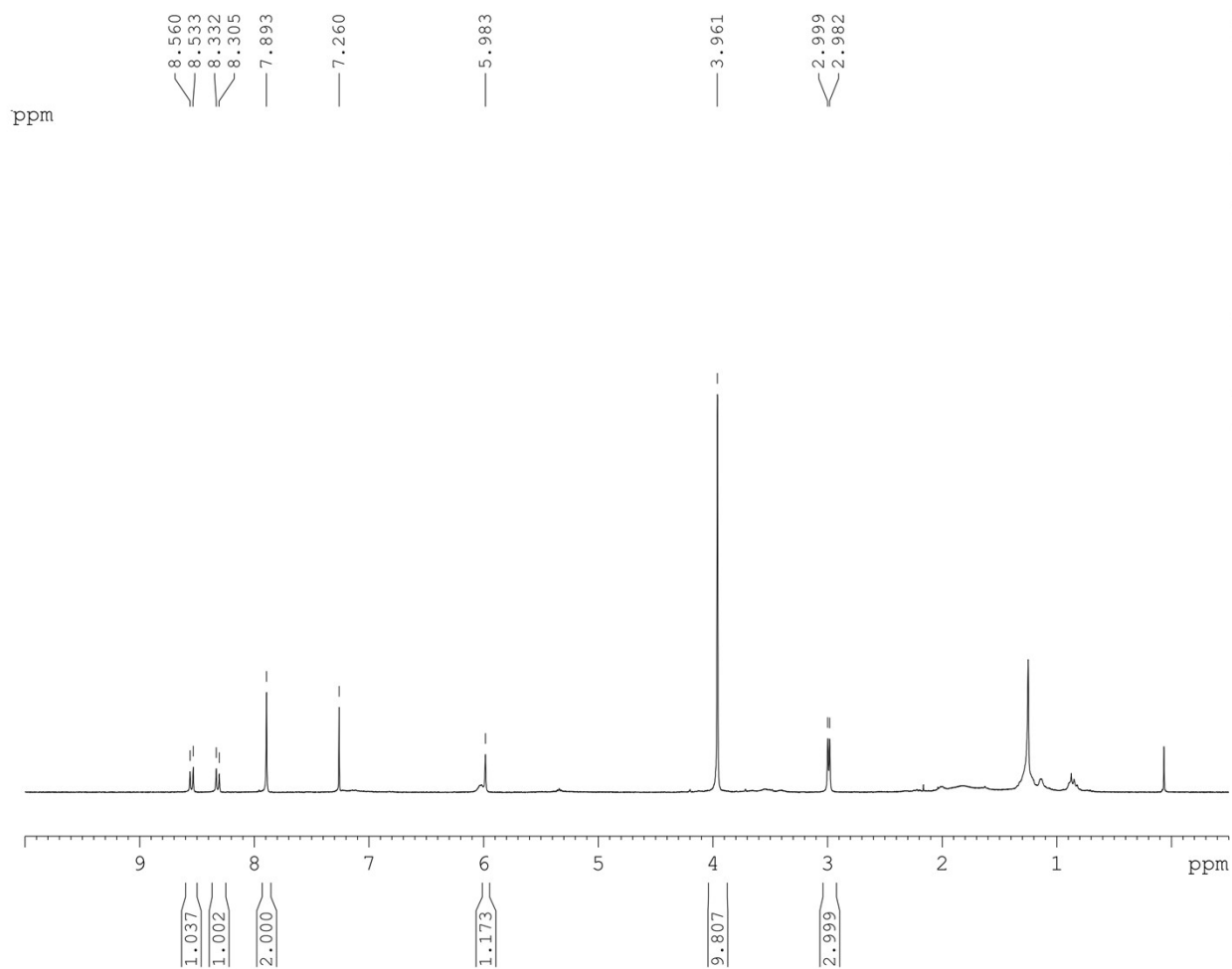
2-Aroylquinoline-5,8-diones as Potent Anticancer Agents Displaying Tubulin and Heat Shock Protein 90 (HSP90) Inhibition

Contents:

NMR Spectra for compounds 11-23	SI-2
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¹H Spectra for compound 11

[illegible]

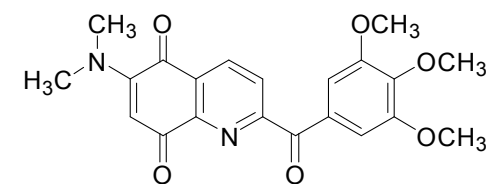
¹H Spectra for compound 12

Current Data Parameters
NAME 0508-21-166
EXPNO 1
PROCNO 1

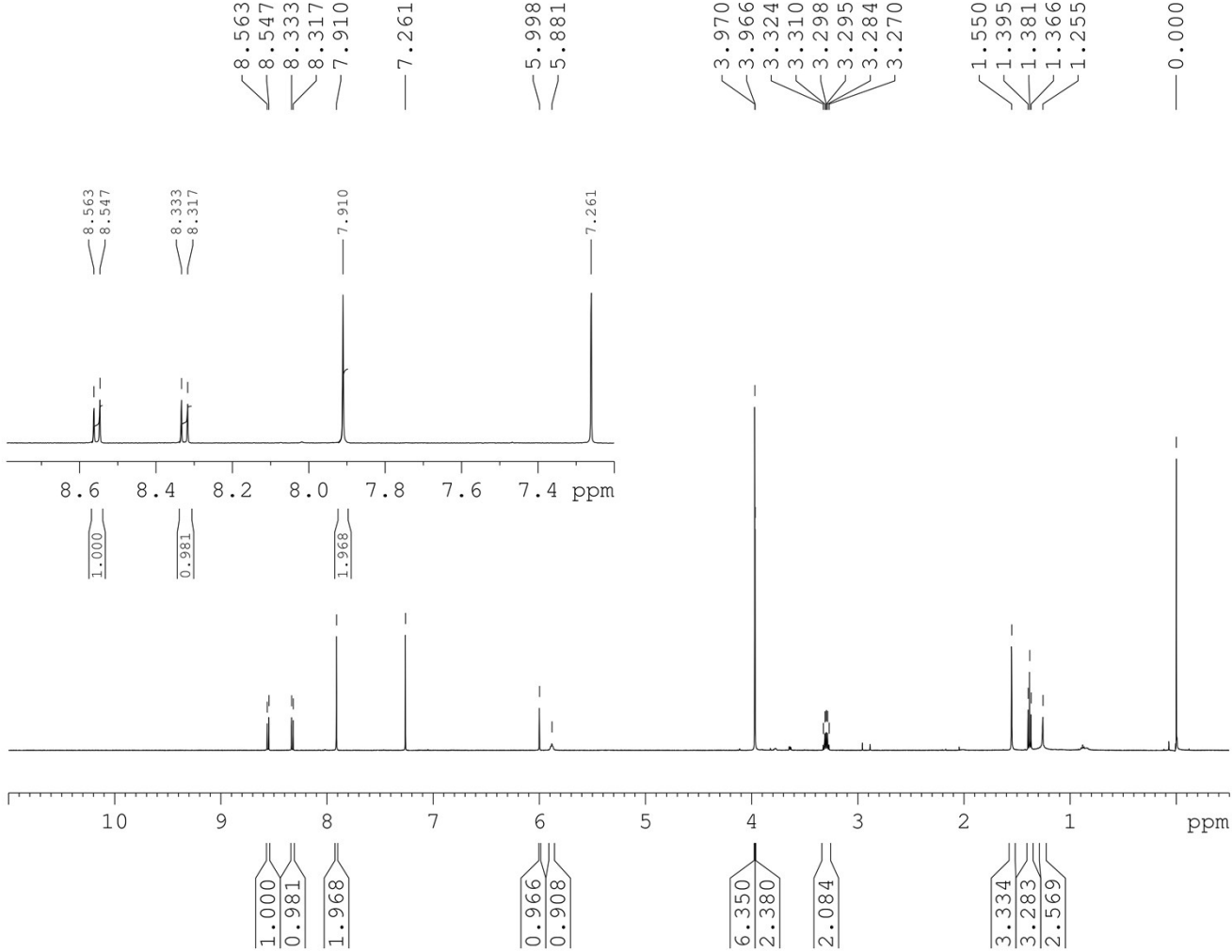
F2 - Acquisition Parameters
Date 20150508
Time 17.51
INSTRUM FOURIER300
PROBHD 5 mm DUL 13C-1
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 8
DS 0
SWH 6103.516 Hz
FIDRES 0.186265 Hz
AQ 2.6844046 sec
RG 32
DM 81.920 usec
DE 6.50 usec
TE 300.0 K
D1 2.00000000 sec
TDO 1

===== CHANNEL f1 =====
SF01 300.1818011 MHz
NUC1 1H
P1 9.50 usec
PLW1 14.09200001 W

F2 - Processing parameters
SI 16384
SF 300.1800112 MHz
WDW no
SSB 0
LB 0 Hz
GB 0
PC 1.00



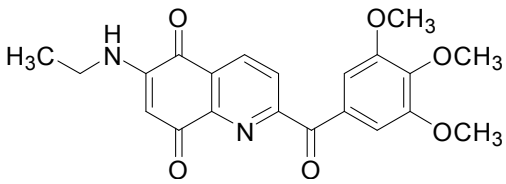
¹H Spectra for compound 13



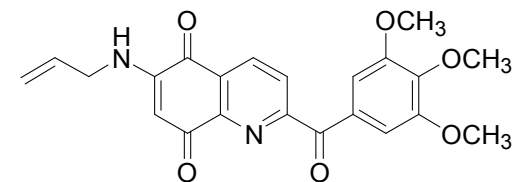
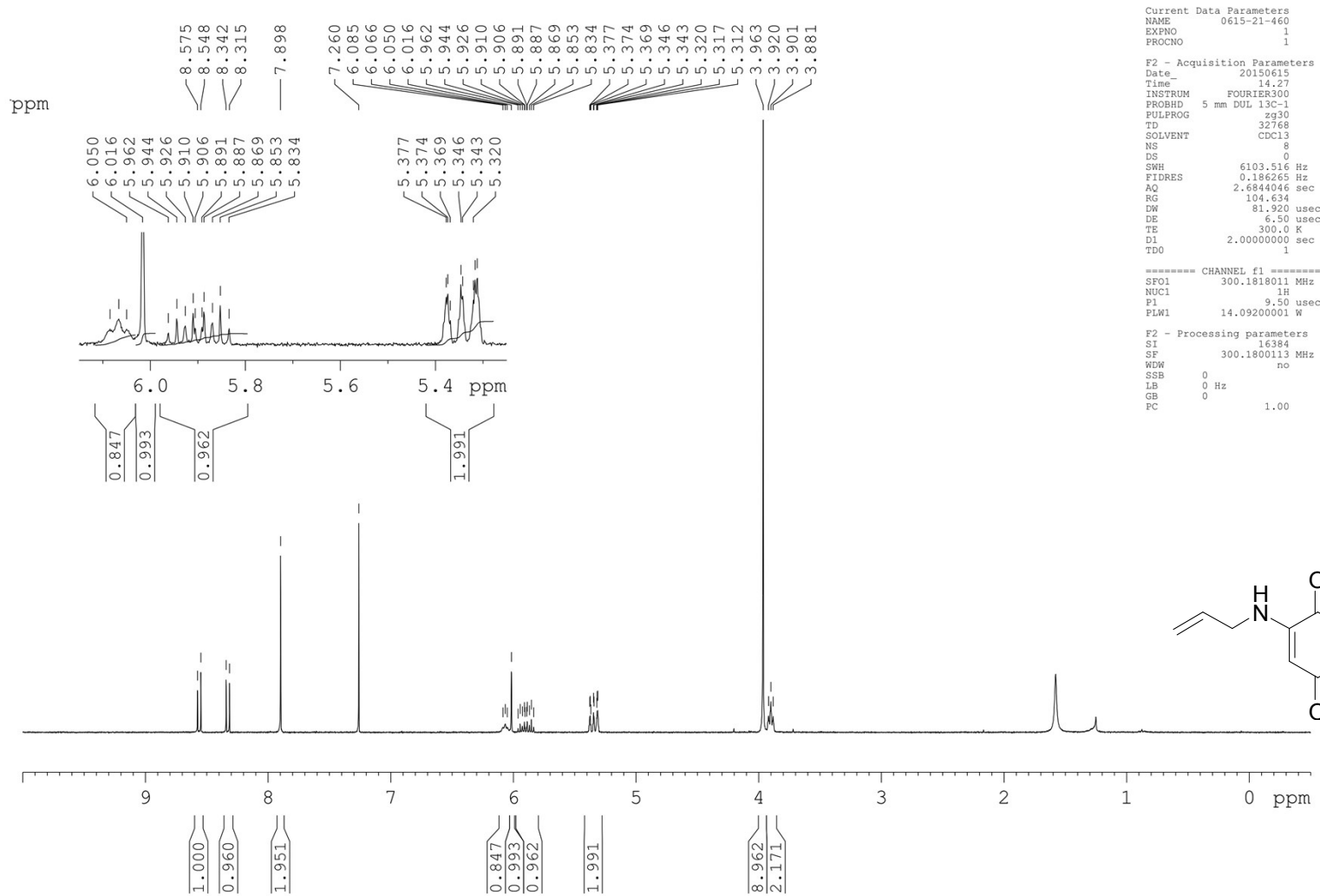
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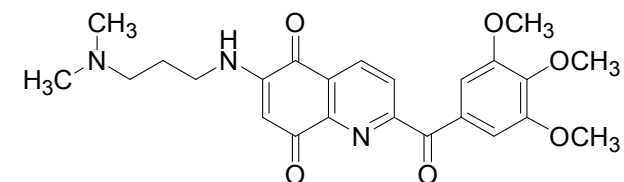
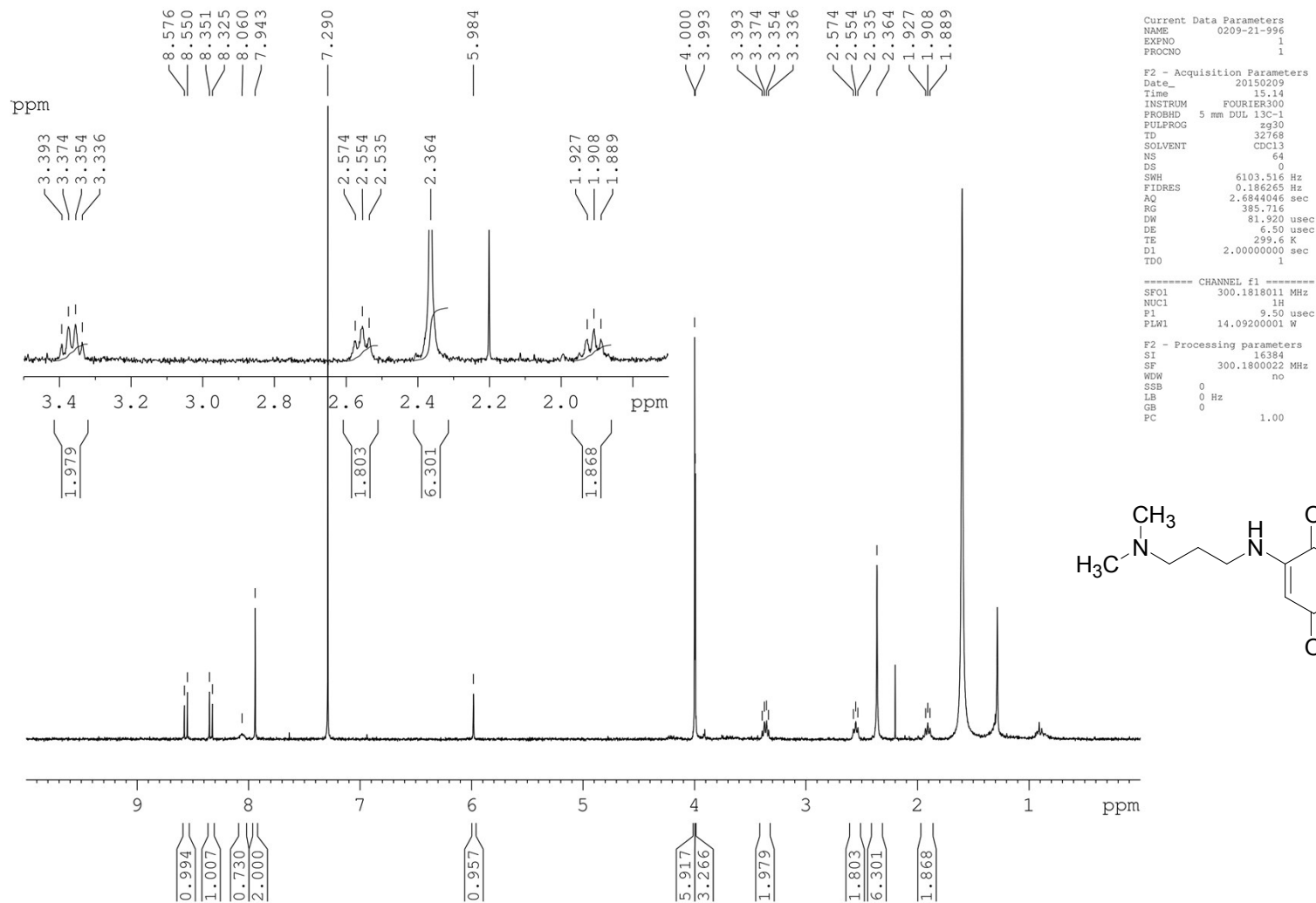
NAME      1207-21496
EXPNO     1
PROCNO    1
Date_     20101207
Time      14.29
INSTRUM   spect
PROBHD    5 mm Dual 13C/
PULPROG   zg30
TD        32768
SOLVENT   CDCl3
NS        16
DS        0
SWH       10000.000 Hz
FIDRES    0.305176 Hz
AQ        1.6385000 sec
RG        1024
DW        50.000 usec
DE        6.50 usec
TE        300.0 K
D1        2.00000000 sec
TD0       1

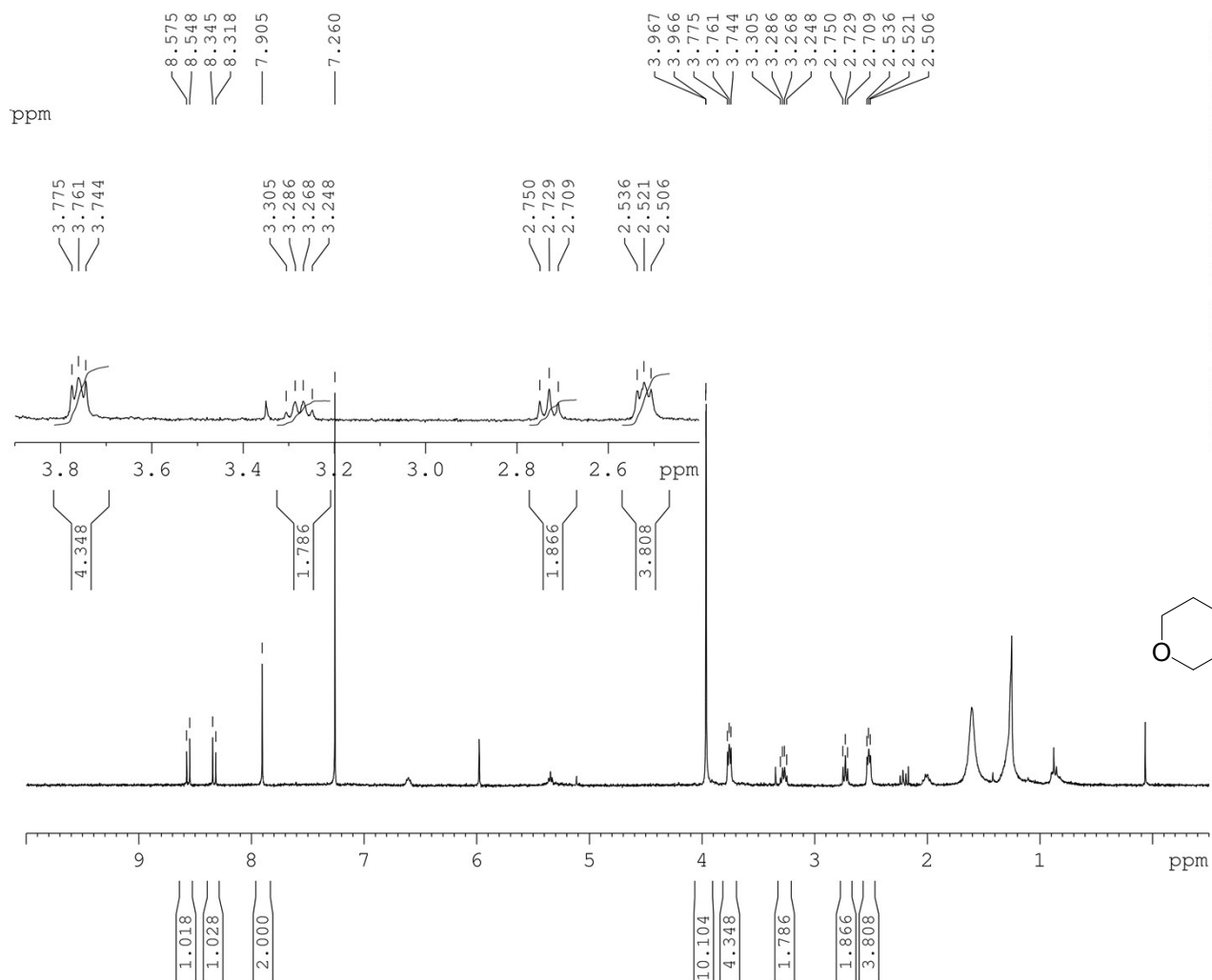
===== CHANNEL f1 =====
NUC1      1H
P1        13.40 usec
PL1       -5.00 dB
SFO1      500.1330008 MHz
SI        16384
SF        500.1300128 MHz
WDW       EM
SSB       0
LB        0.00 Hz
GB        0
PC        1.00
    
```



¹H Spectra for compound 14



¹H Spectra for compound15

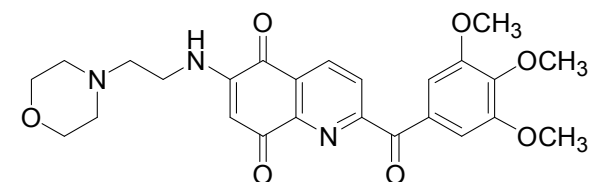
¹H Spectra for compound 16

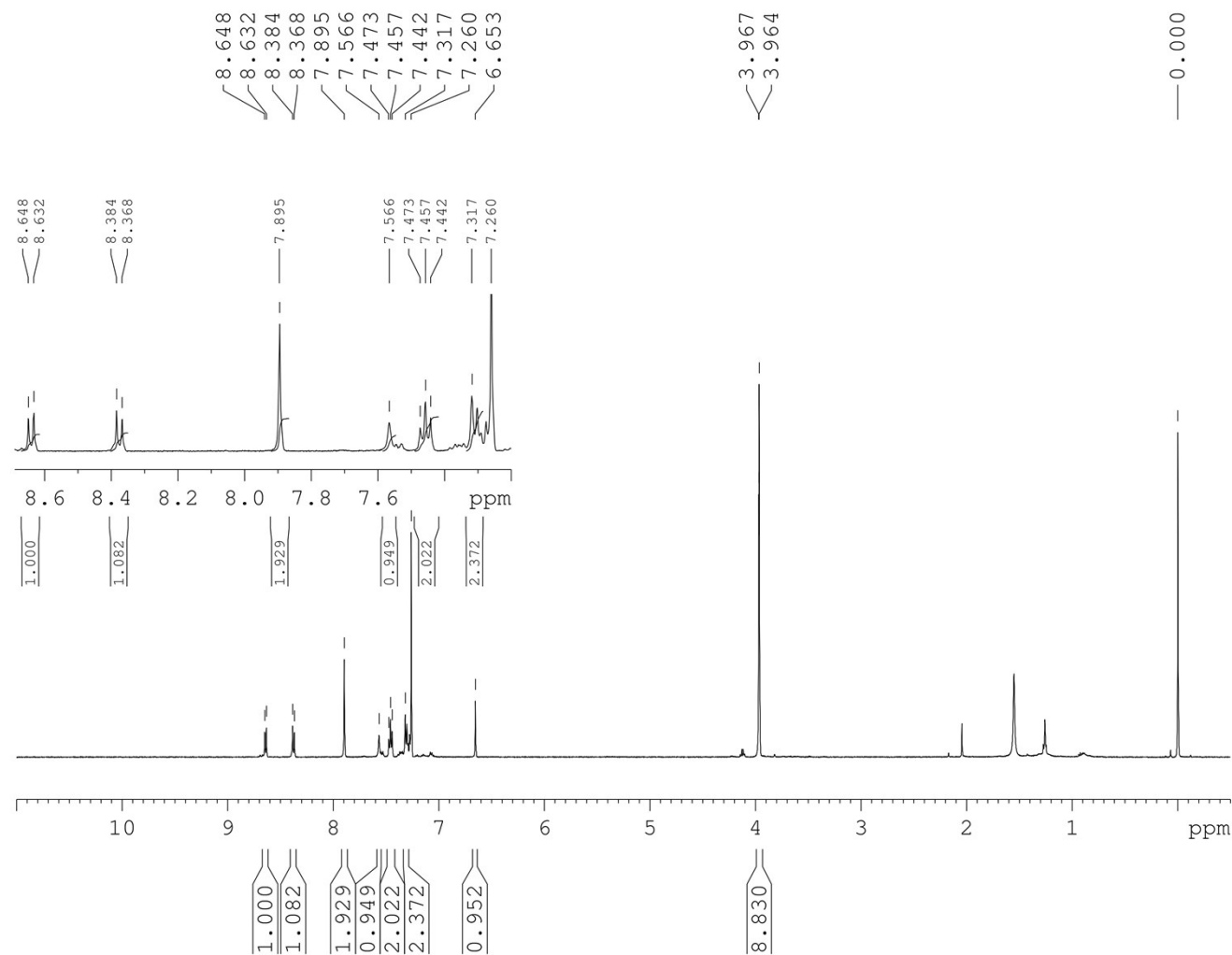
Current Data Parameters
NAME 0210-21-989
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150210
Time 15.23
INSTRUM FOURIER300
PROBHD 5 mm DUL 13C-1
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 16
DS 0
SWH 6103.516 Hz
FIDRES 0.186265 Hz
AQ 2.6844046 sec
RG 281.838
DW 81.920 usec
DE 6.50 usec
TE 300.0 K
D1 2.00000000 sec
TD0 1

===== CHANNEL f1 =====
SFO1 300.1818011 MHz
NUC1 1H
P1 9.50 usec
PLW1 14.09200001 W

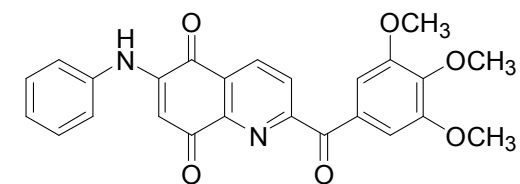
F2 - Processing parameters
SI 16384
SF 300.1800116 MHz
WDW no
SSB 0
LB 0 Hz
GB 0
PC 1.00

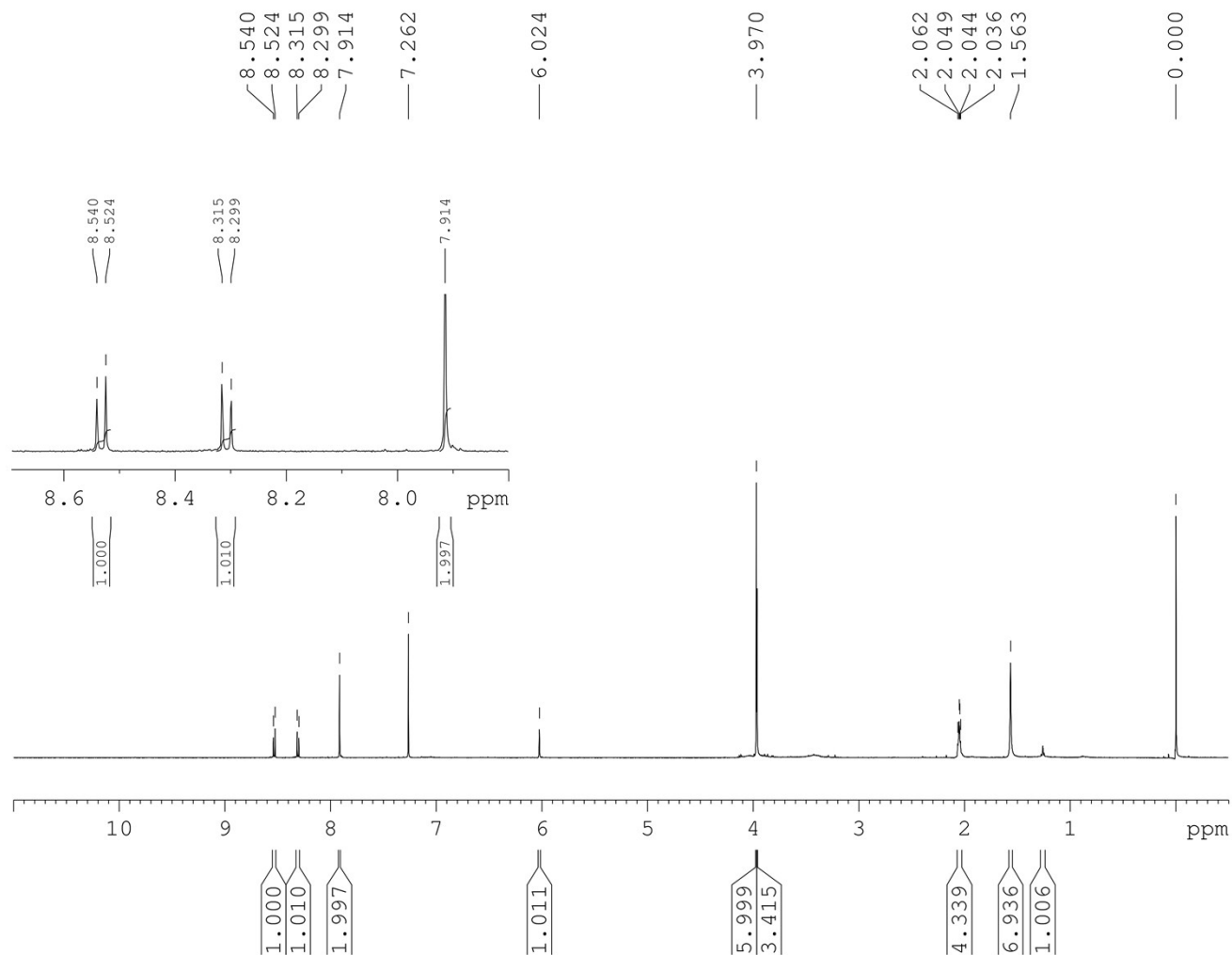


¹H Spectra for compound 17

```
NAME          0723-21216
EXPNO          1
PROCNO         1
Date_          20100723
Time           16.24
INSTRUM        spect
PROBHD         5 mm TXI 13C Z
PULPROG        zg30
TD             32768
SOLVENT        CDCl3
NS             16
DS             0
SWH            10000.000 Hz
FIDRES         0.305176 Hz
AQ             1.6385000 sec
RG             2048
DW             50.000 usec
DE             6.50 usec
TE             300.0 K
D1             2.00000000 sec
TDO            1

===== CHANNEL f1 =====
NUC1            1H
P1             14.50 usec
PL1            -5.00 dB
SFO1           500.1330008 MHz
SI             16384
SF            500.1300134 MHz
WDW            EM
SSB            0
LB             0.00 Hz
GB             0
PC             1.00
```



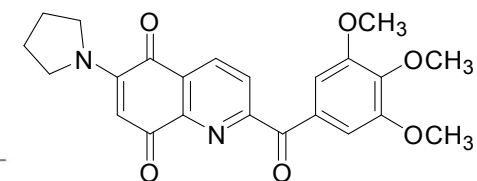
¹H Spectra for compound 18

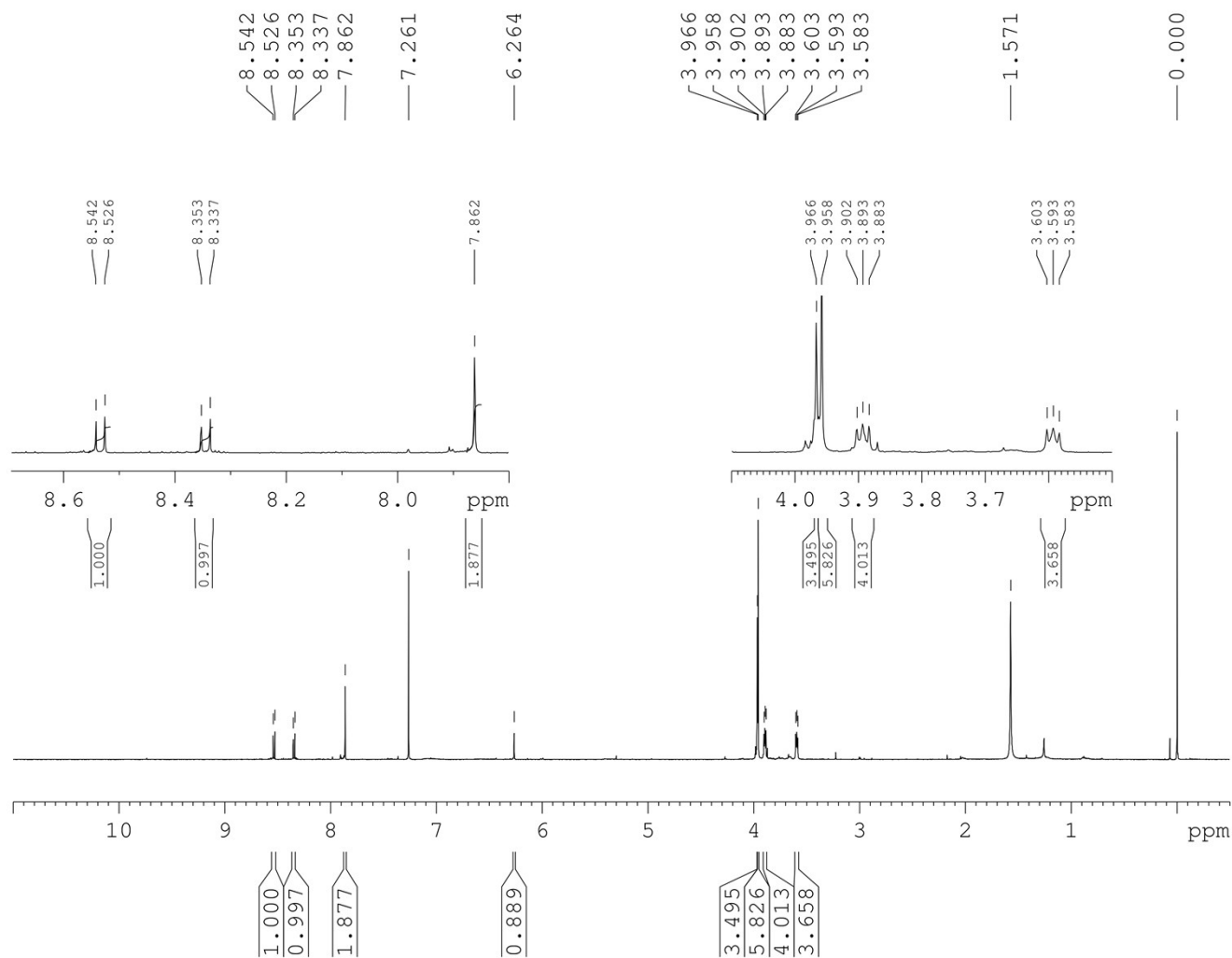
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NAME      0604-21179
EXPNO     1
PROCNO    1
Date_     20100604
Time      14.02
INSTRUM   spect
PROBHD    5 mm Dual 13C/
PULPROG   zg30
TD         32768
SOLVENT   CDCl3
NS         16
DS         0
SWH        10000.000 Hz
FIDRES     0.305176 Hz
AQ         1.6385000 sec
RG         1149.4
DW         50.000 usec
DE         6.50 usec
TE         300.0 K
D1         2.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       1H
P1         14.50 usec
PL1        -5.00 dB
SFO1       500.1330008 MHz
SI         16384
SF         500.1300122 MHz
WDW        EM
SSB        0
LB         0.00 Hz
GB         0
PC         1.00

```



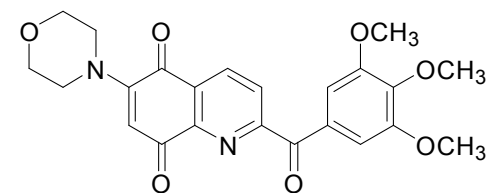
¹H Spectra for compound 19

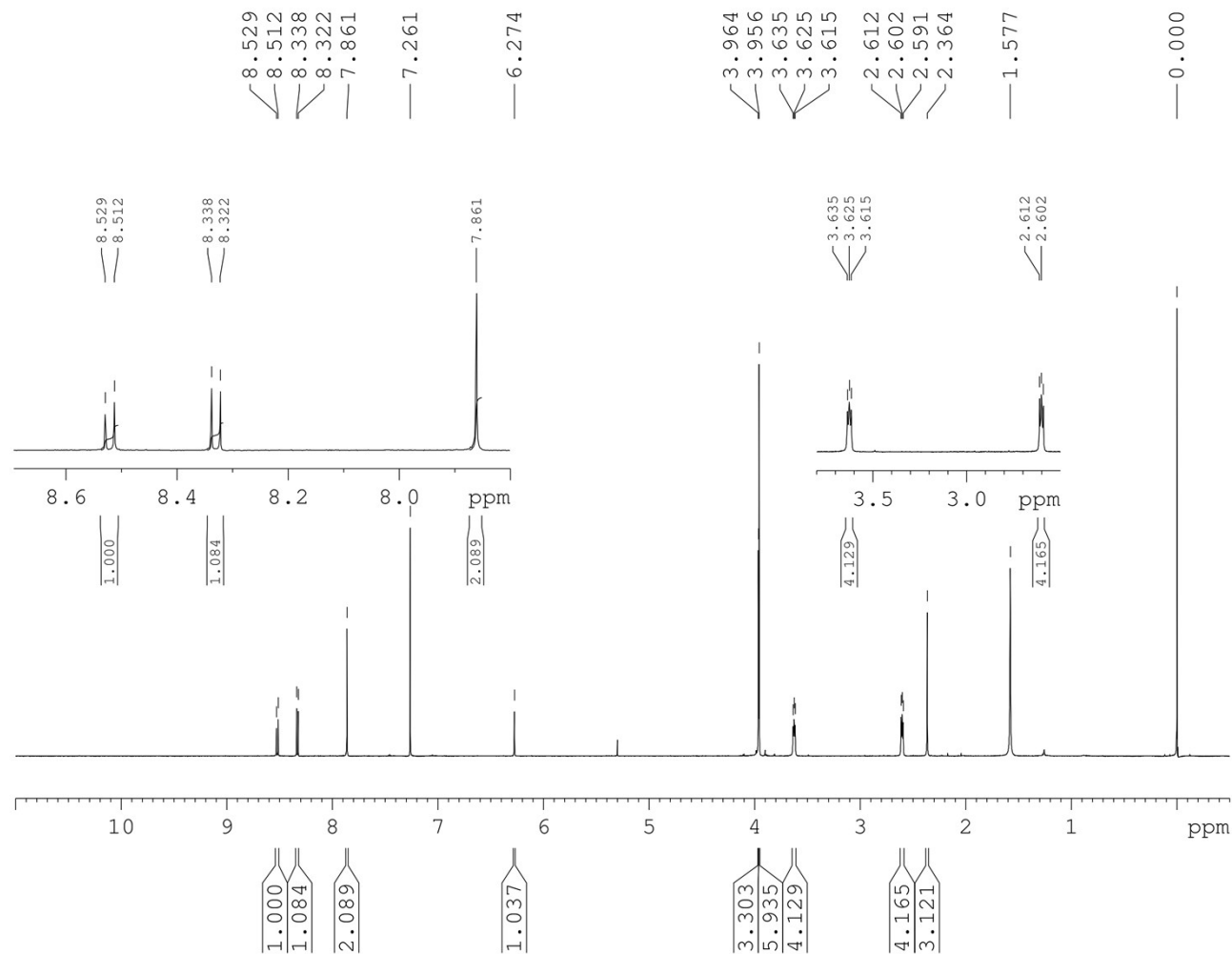
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NAME      0617-21192
EXPNO     1
PROCNO    1
Date_     20100617
Time      14.19
INSTRUM   spect
PROBHD    5 mm Dual 13C/
PULPROG   zg30
TD         32768
SOLVENT   CDCl3
NS         16
DS         0
SWH        10000.000 Hz
FIDRES     0.305176 Hz
AQ         1.6385000 sec
RG         1024
DW         50.000 usec
DE         6.50 usec
TE         300.0 K
D1         2.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       1H
P1         14.50 usec
PL1        -5.00 dB
SFO1       500.1330008 MHz
SI         16384
SF         500.1300122 MHz
WDW        EM
SSB        0
LB         0.00 Hz
GB         0
PC         1.00

```

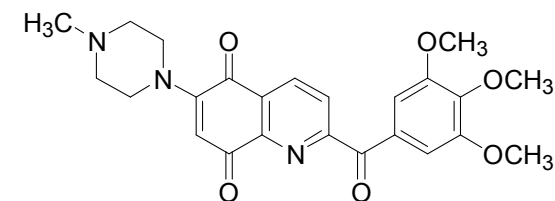


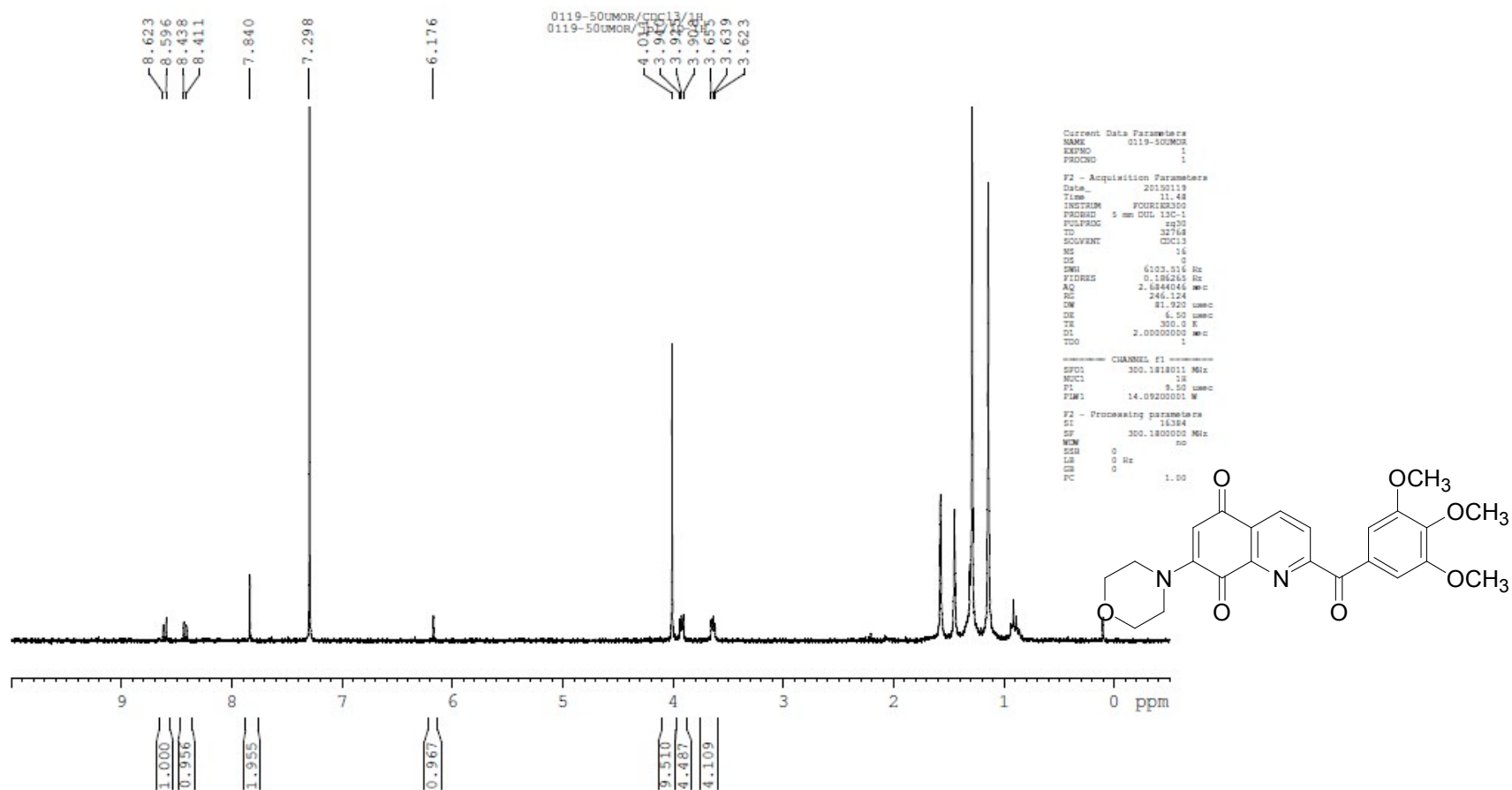
¹H Spectra for compound 20

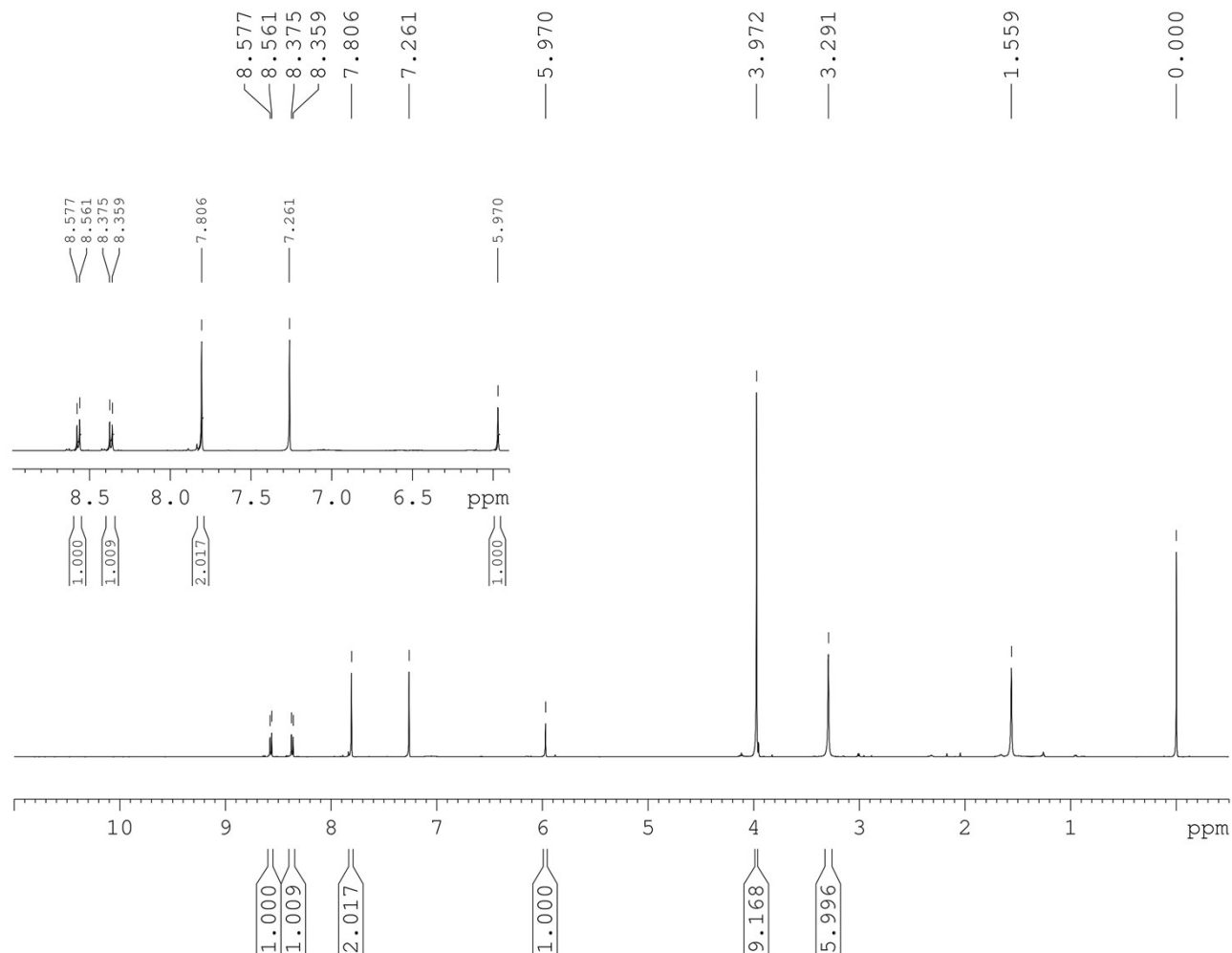
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NAME      0617-21200
EXPNO     1
PROCNO    1
Date_     20100617
Time      14.26
INSTRUM   spect
PROBHD    5 mm Dual 13C/
PULPROG   zg30
TD        32768
SOLVENT   CDCl3
NS         16
DS         0
SWH        10000.000 Hz
FIDRES     0.305176 Hz
AQ         1.6385000 sec
RG         1149.4
DW         50.000 usec
DE         6.50 usec
TE         300.0 K
D1         2.00000000 sec
TD0        1
===== CHANNEL f1 =====
NUC1       1H
P1         14.50 usec
PL1        -5.00 dB
SFO1       500.1330008 MHz
SI         16384
SF         500.1300122 MHz
WDW        EM
SSB        0
LB         0.00 Hz
GB         0
PC         1.00

```

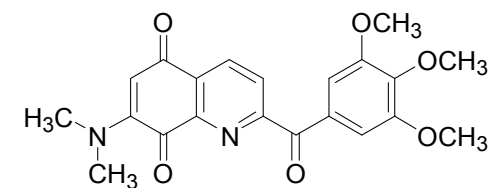


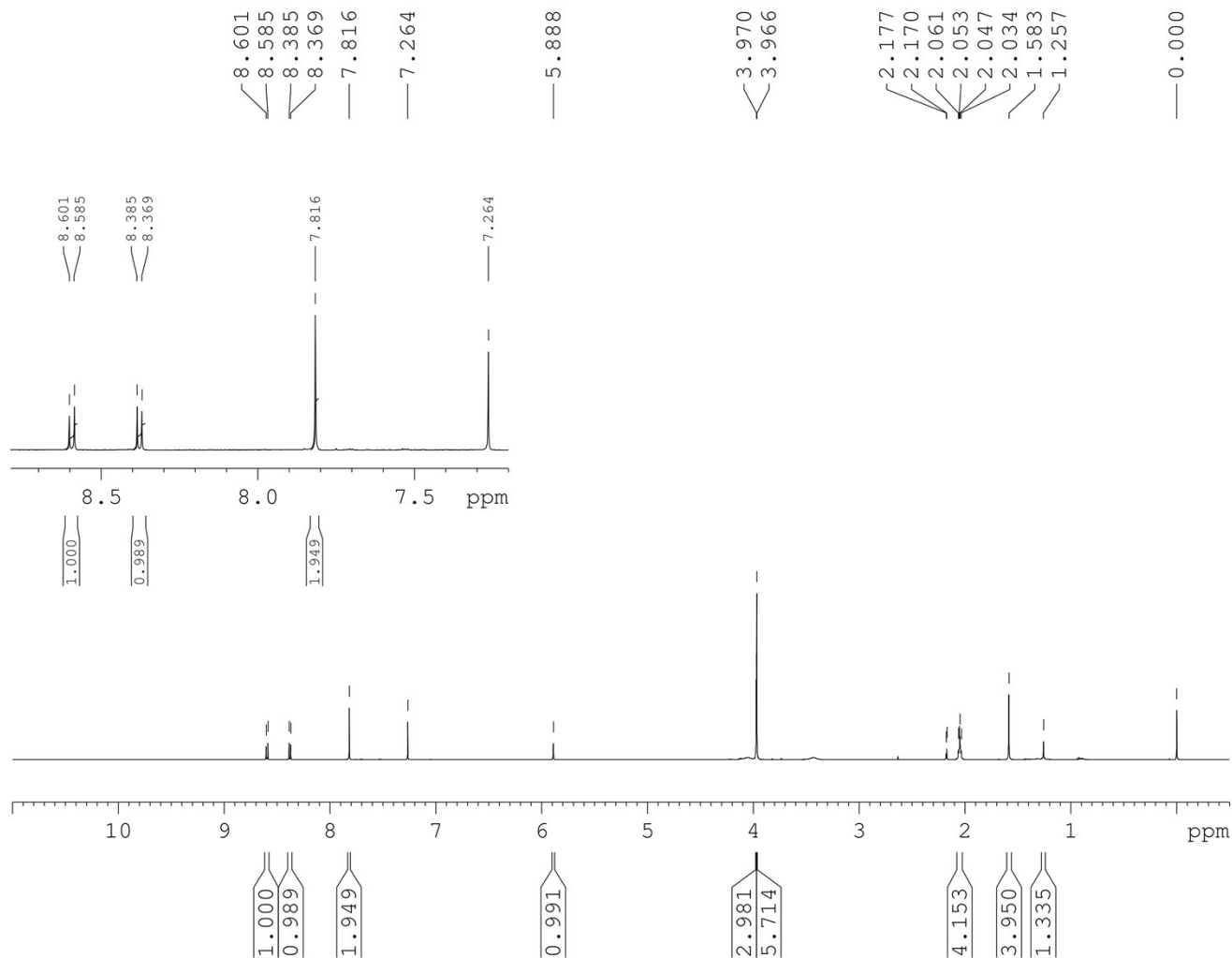
¹H Spectra for compound 21

¹H Spectra for compound 22

```
NAME          0625-21231
EXPNO          1
PROCNO         1
Date_          20100625
Time           15.27
INSTRUM        spect
PROBHD         5 mm TXI 13C Z
PULPROG        zg30
TD             32768
SOLVENT        CDCl3
NS             16
DS             0
SWH            10000.000 Hz
FIDRES         0.305176 Hz
AQ             1.6385000 sec
RG             574.7
DW             50.000 usec
DE             6.50 usec
TE             300.0 K
D1             2.00000000 sec
TD0            1

===== CHANNEL f1 =====
NUC1           1H
P1             10.80 usec
PL1           -2.00 dB
SFO1          500.1330008 MHz
SI            16384
SF            500.1300122 MHz
WDW            EM
SSB            0
LB            0.00 Hz
GB            0
PC            1.00
```



¹H Spectra for compound 23

```

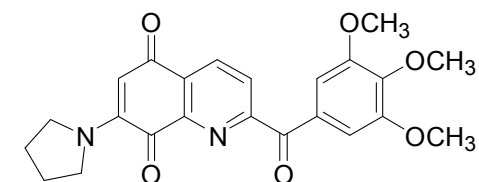
NAME      0708-21253
EXPNO     1
PROCNO    1
Date_     20100708
Time      14.31
INSTRUM   spect
PROBHD    5 mm Dual 13C/
PULPROG   zg30
TD        32768
SOLVENT   CDCl3
NS        16
DS        0
SWH       10000.000 Hz
FIDRES    0.305176 Hz
AQ        1.6385000 sec
RG        512
DW        50.000 usec
DE        6.50 usec
TE        300.0 K
D1        2.00000000 sec
TD0       1

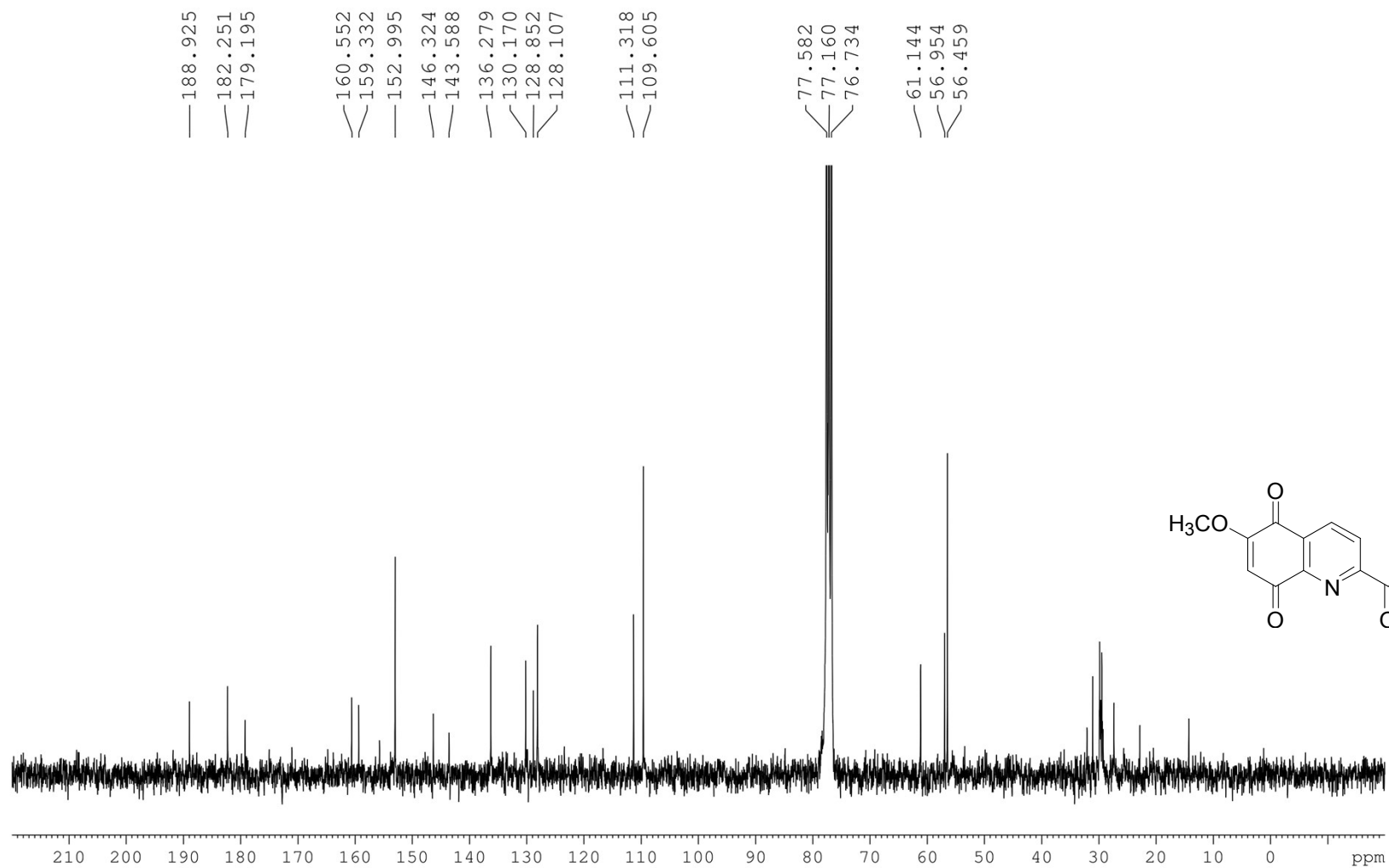
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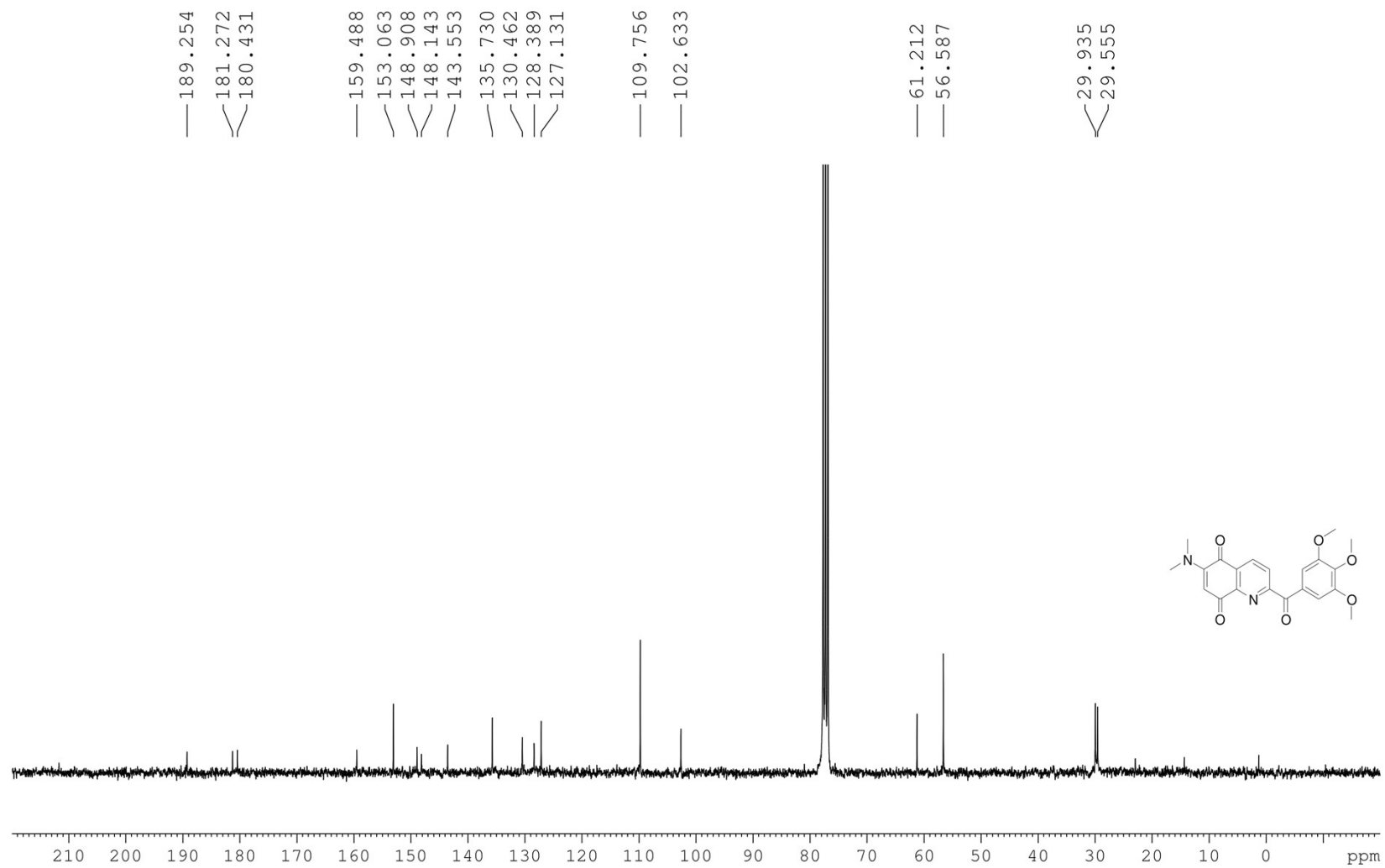
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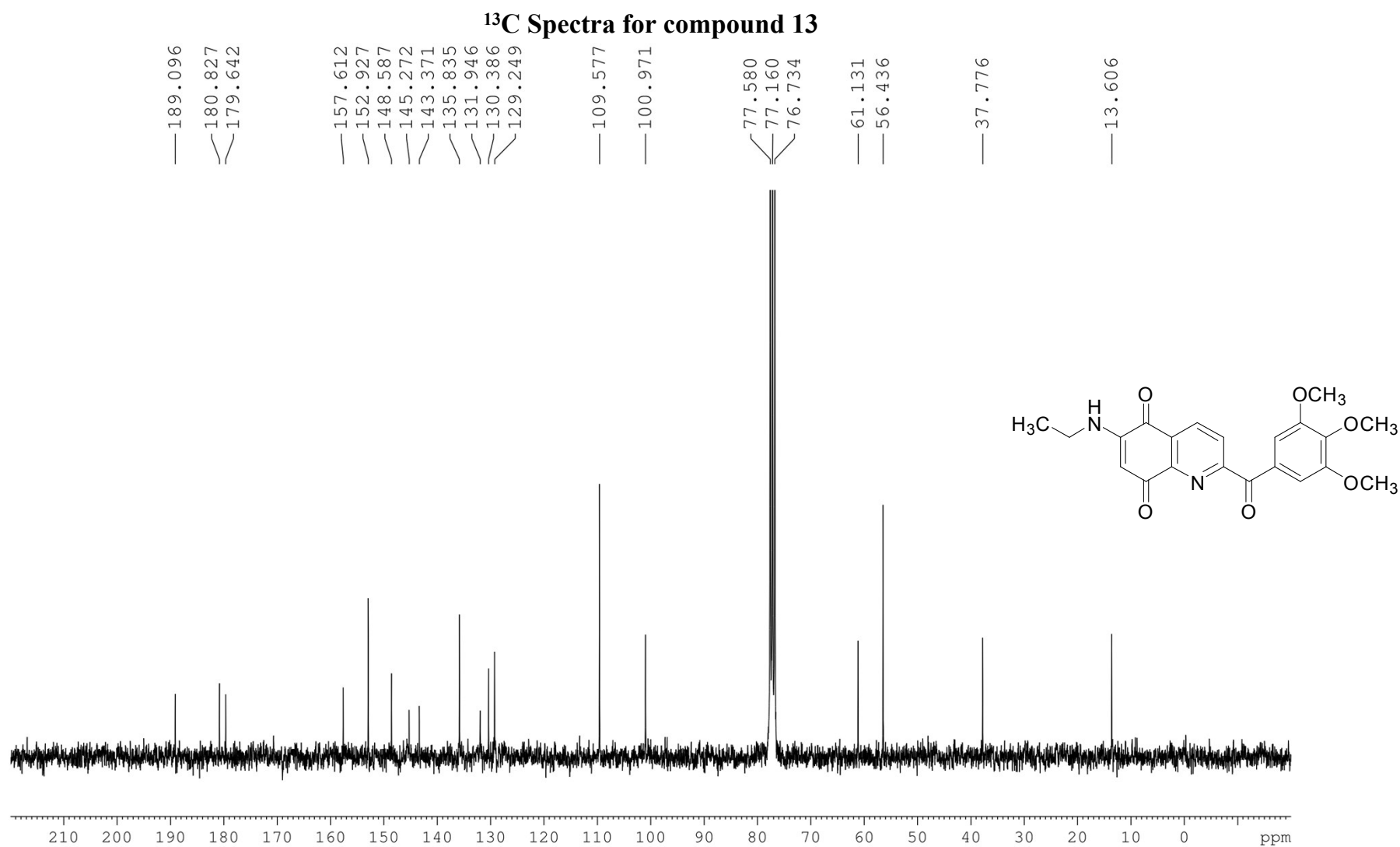
===== CHANNEL f1 =====
NUC1      1H
P1        14.50 usec
PL1       -5.00 dB
SFO1      500.1330008 MHz
SI        16384
SF        500.1300110 MHz
WDW       EM
SSB       0
LB        0.00 Hz
GB        0
PC        1.00

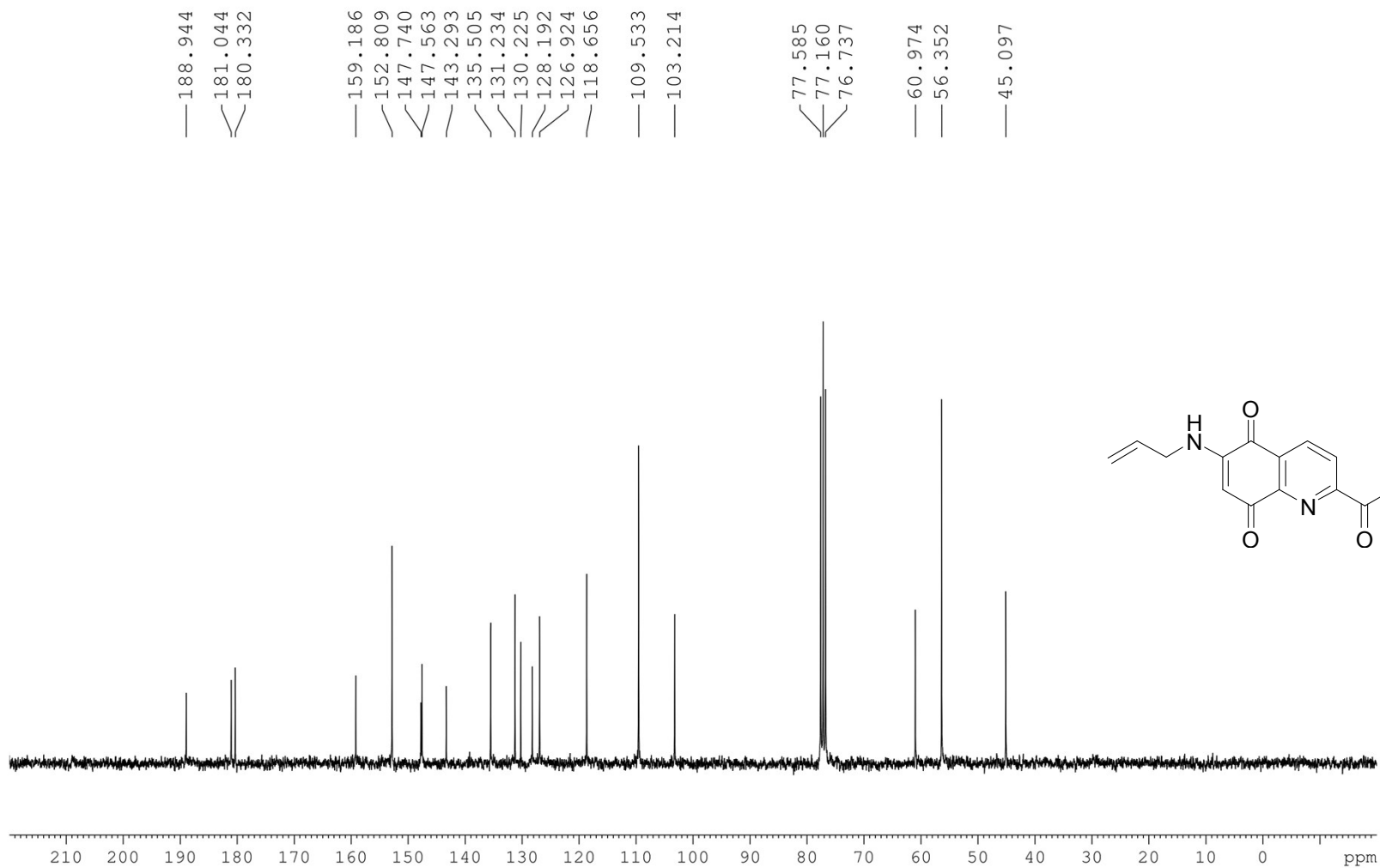
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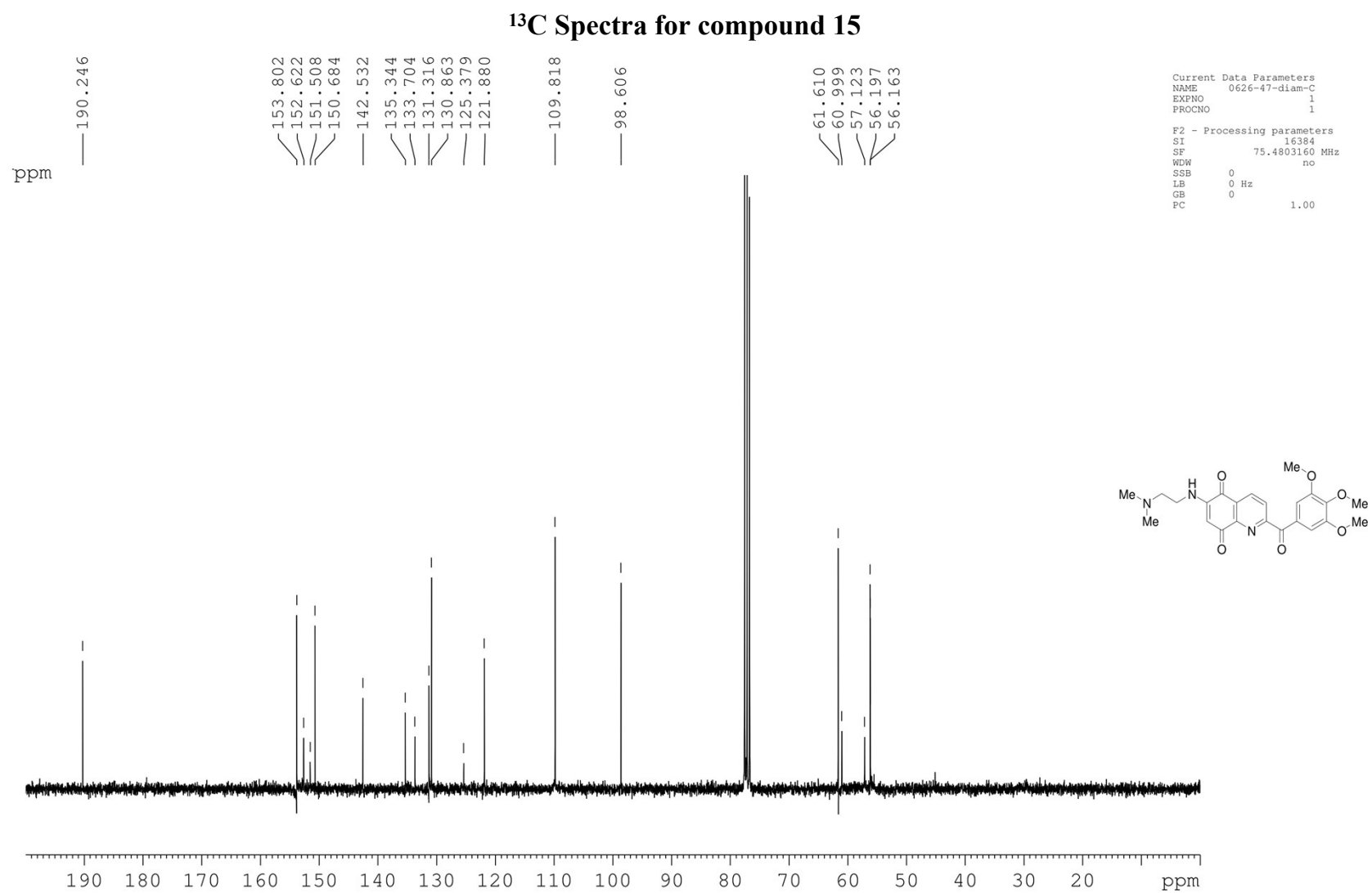


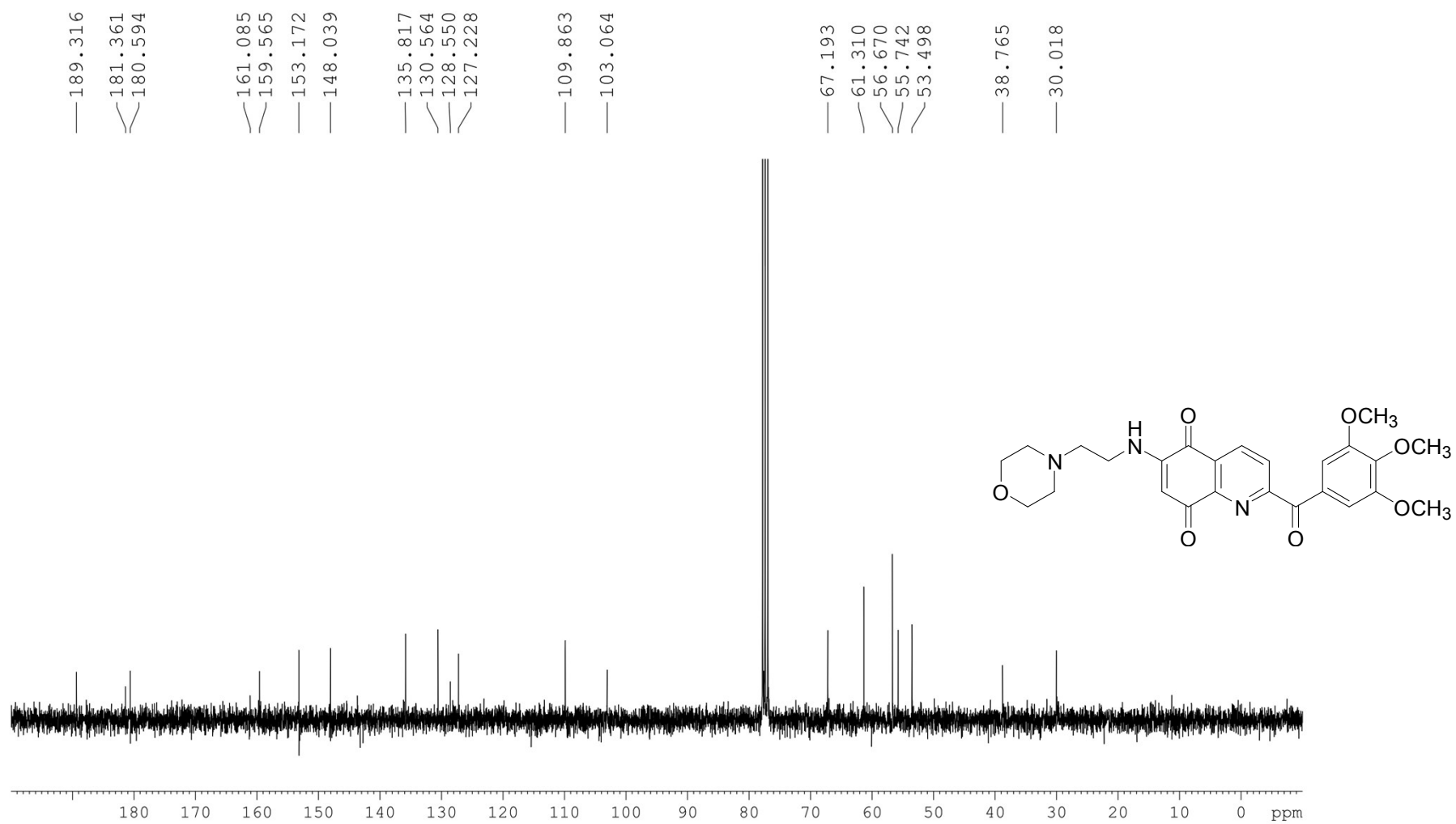
^{13}C Spectra for compound 11

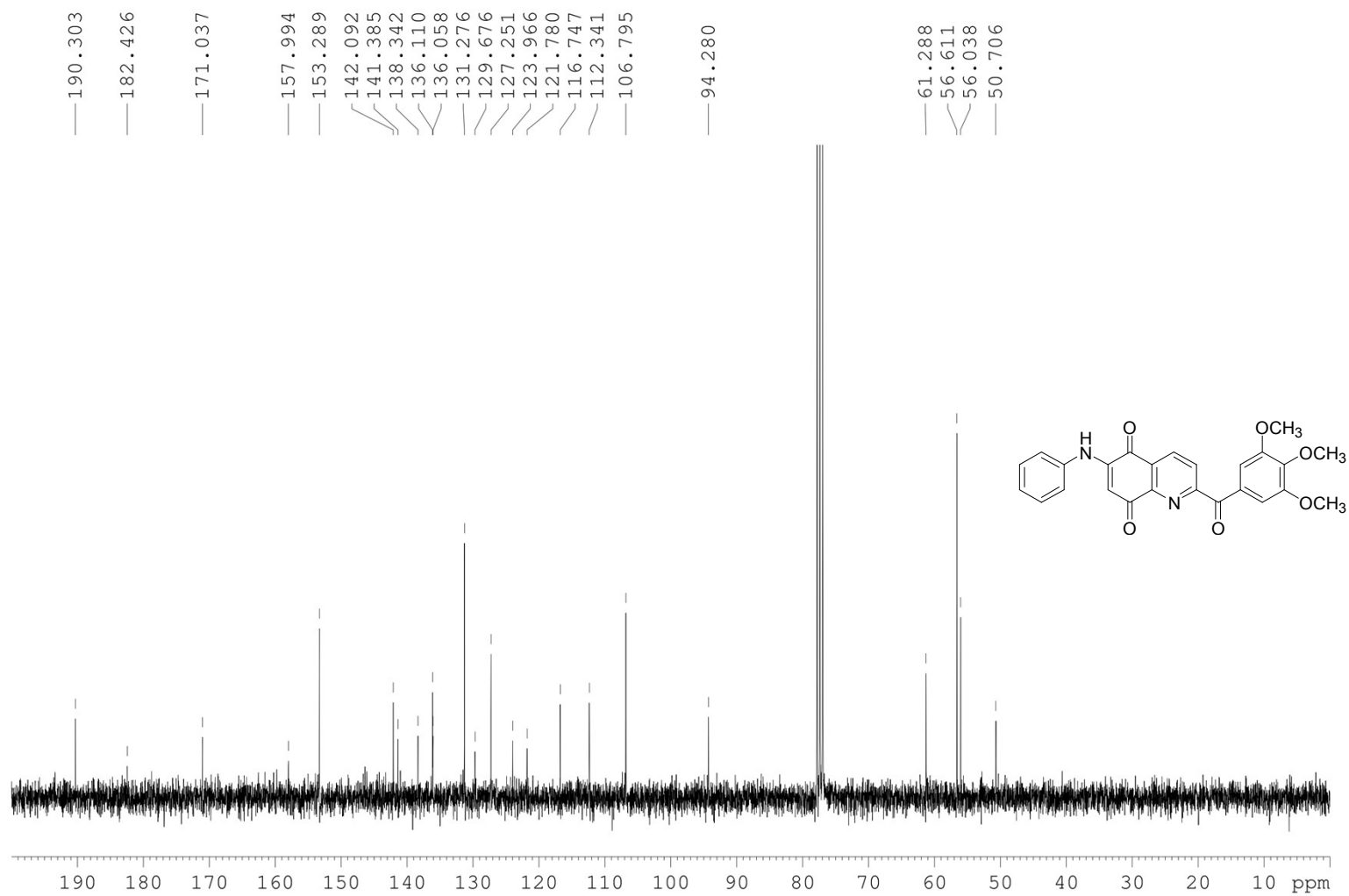
^{13}C Spectra for compound 12

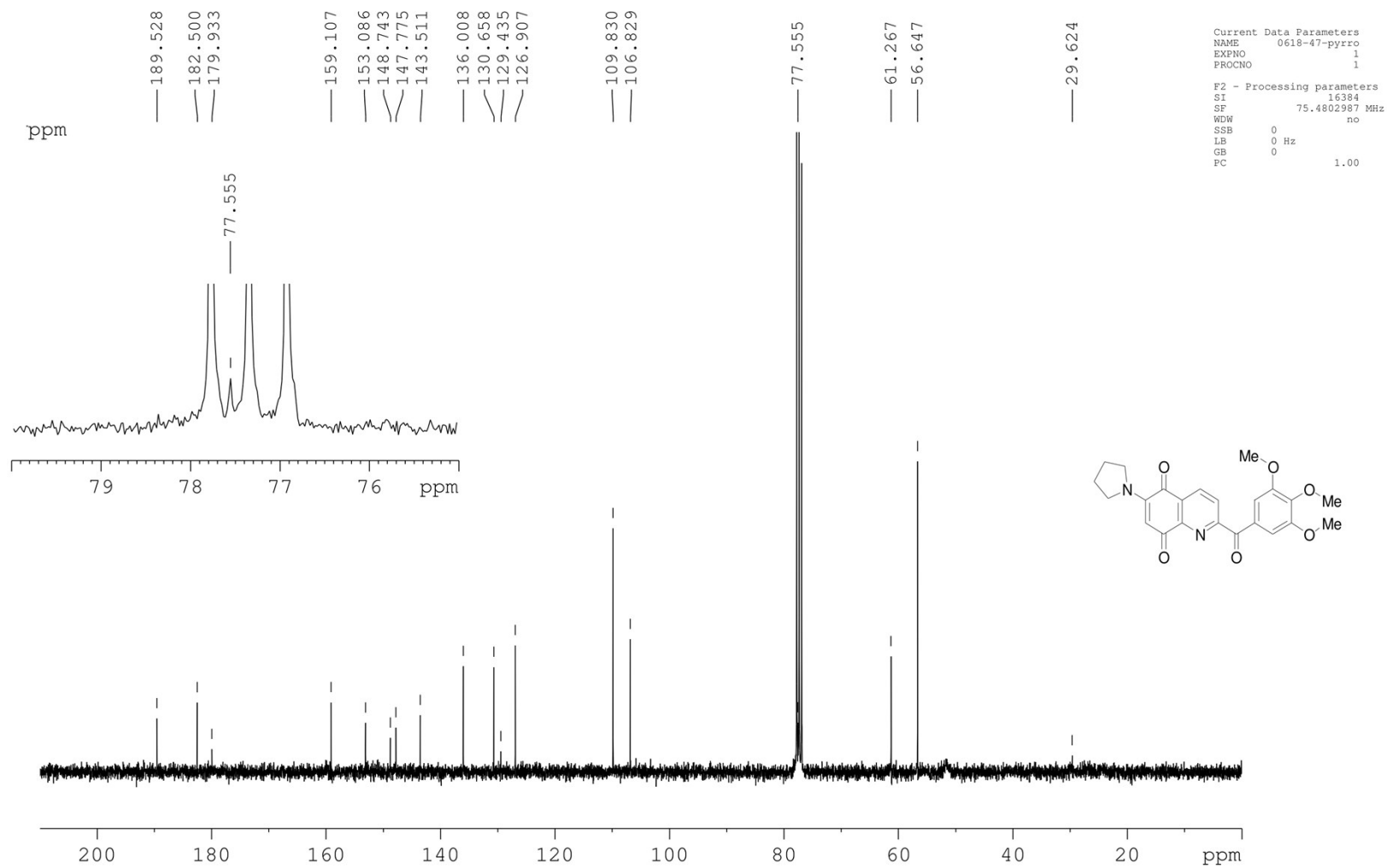


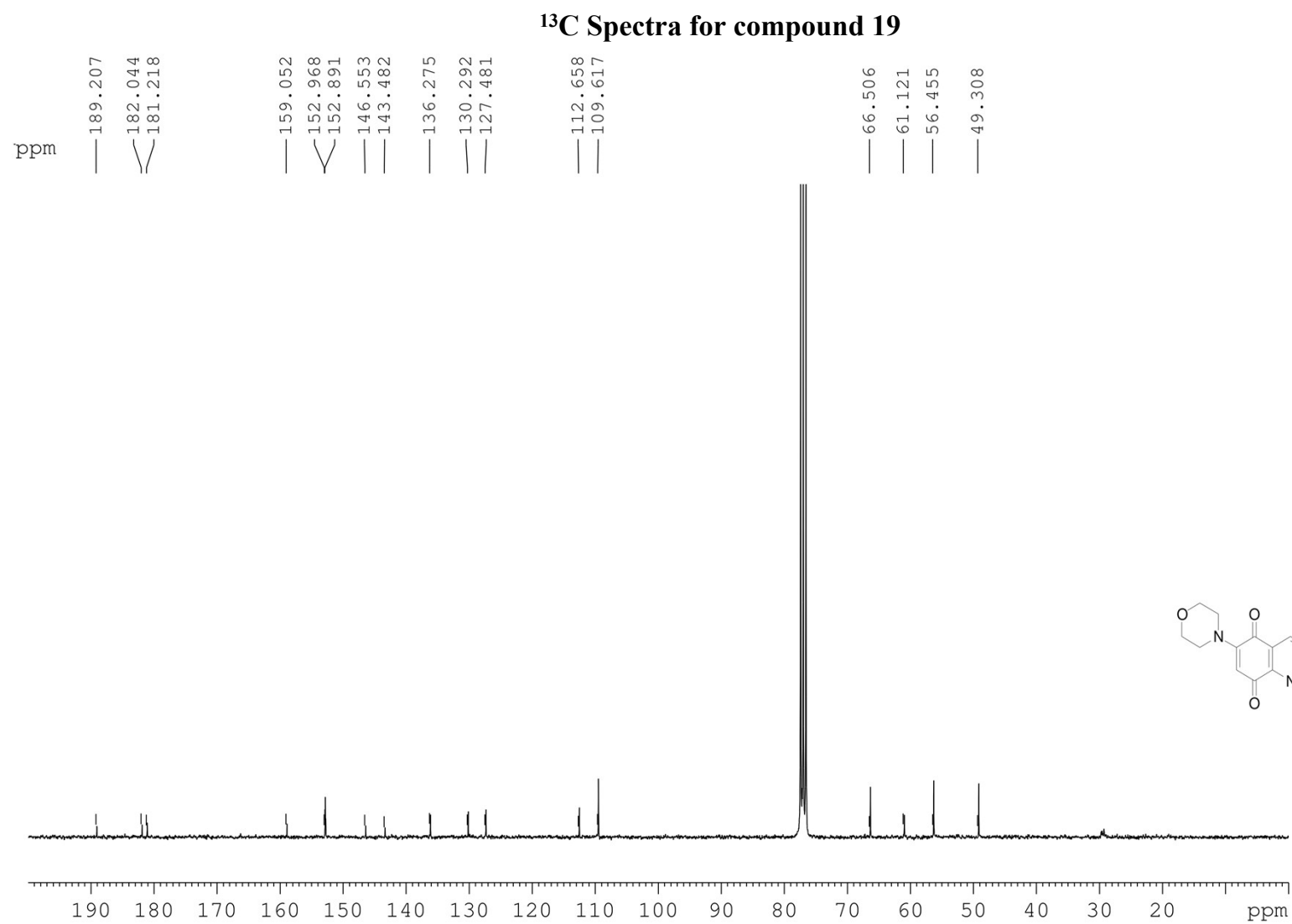
^{13}C Spectra for compound 14

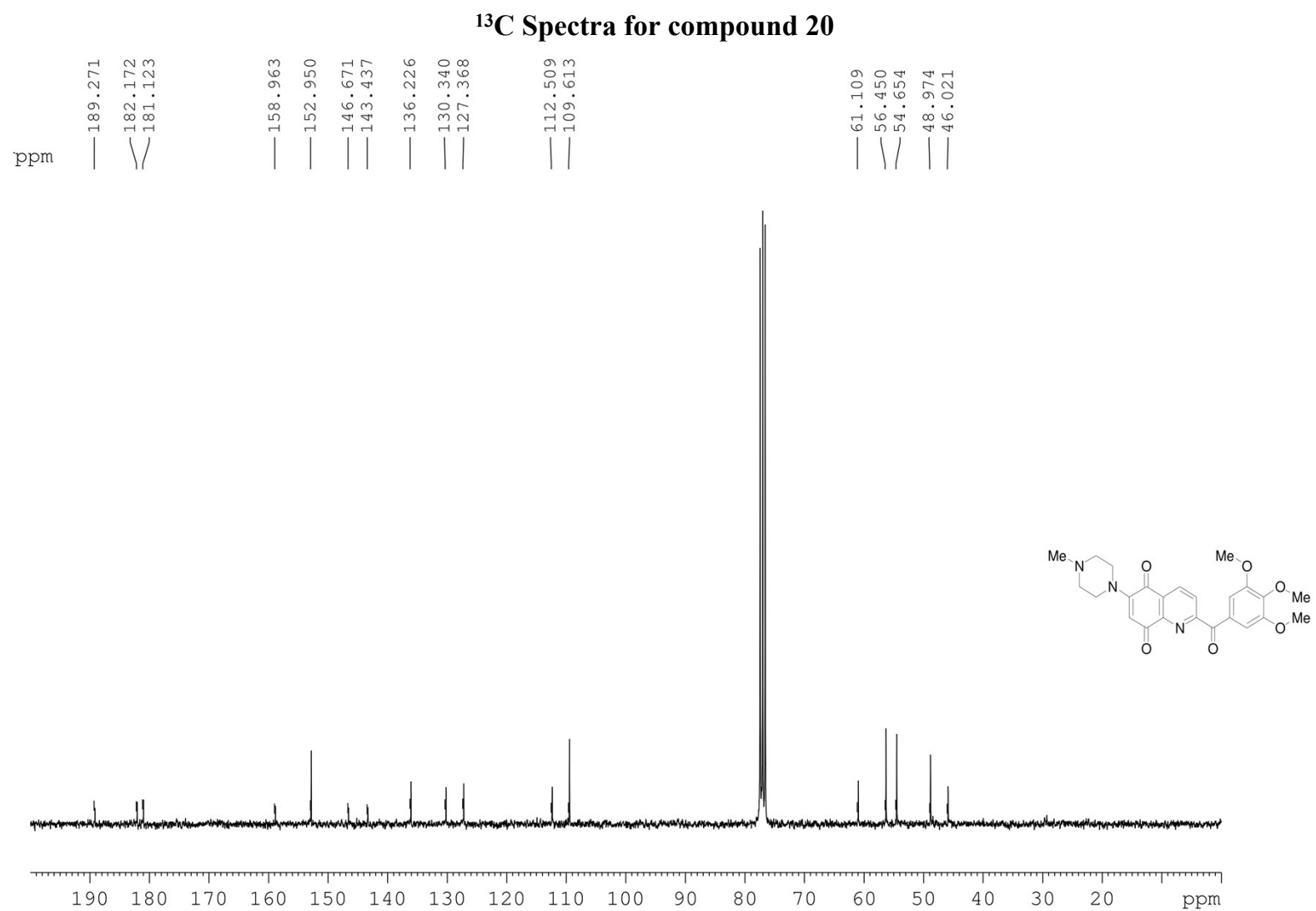


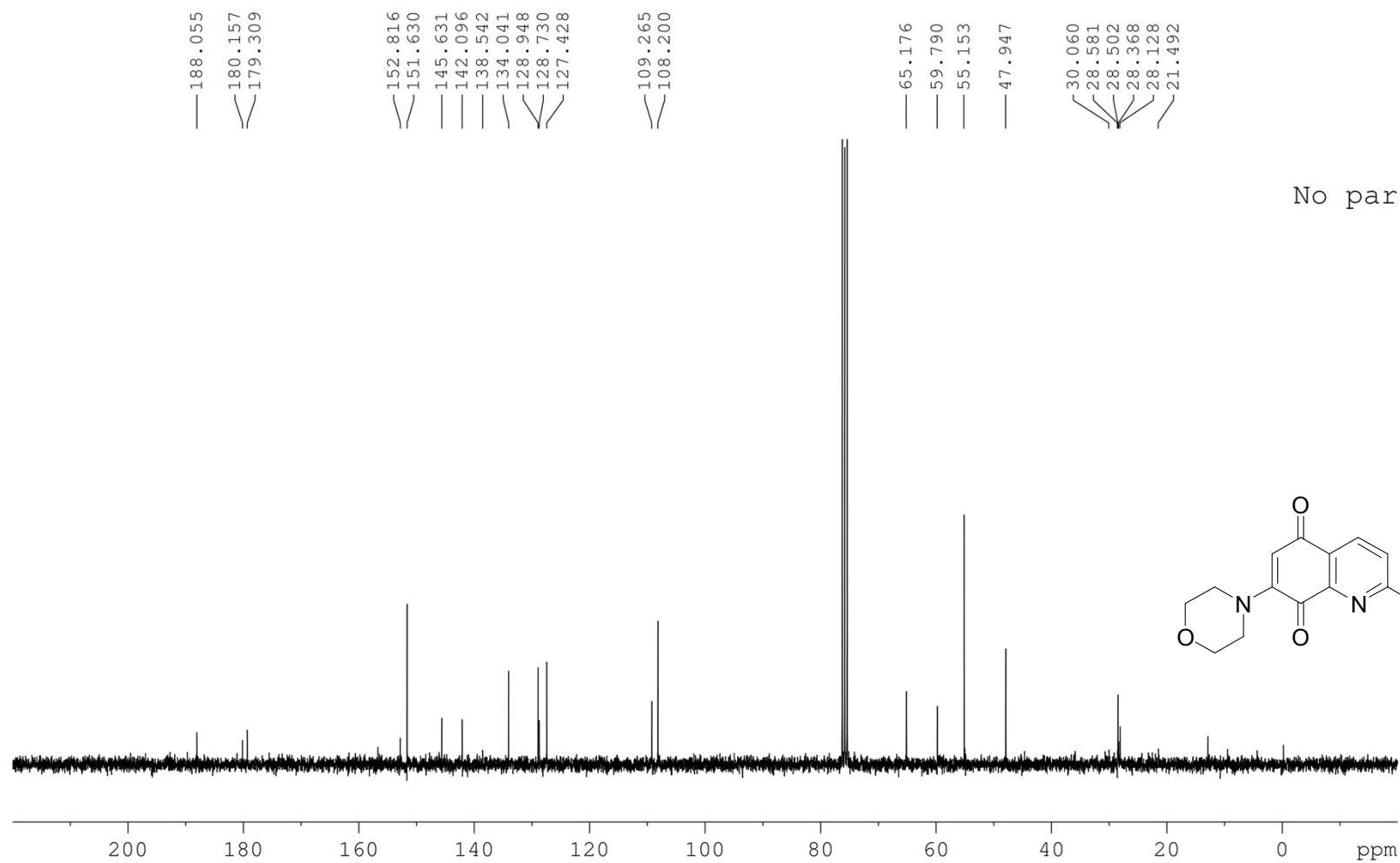
^{13}C Spectra for compound 16

^{13}C Spectra for compound 17

^{13}C Spectra for compound 18





^{13}C Spectra for compound 21

^{13}C Spectra for compound 22