Supporting Information

DPhil Dissertation

Development of Small Molecule Inhibitors of the Bromodomain-Histone Interaction

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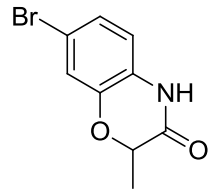
Contents

NMR data for Chapter 2 compounds S3

NMR data for Chapter 3 compounds S21

NMR data for Chapter 4 compounds S84

7-Bromo-2-methyl-2*H*-1,4-benzoxazin-3(4H)-one (33)



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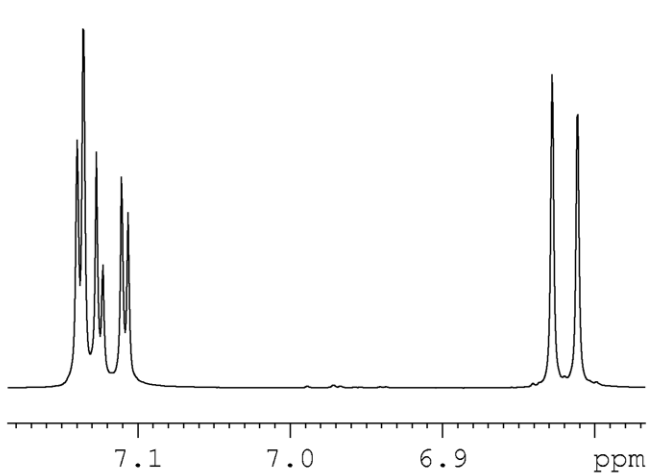
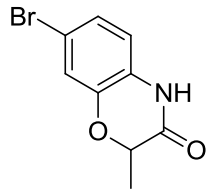
Date_	20110214
Time	0.22
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zg30
TD	65536
SOLVENT	MeOD
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.157632 Hz
AQ	3.1719923 sec
RG	4
DW	48.400 usec
DE	6.00 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	1H
P1	9.60 usec
PL1	-6.00 dB
PL1W	15.19999981 W
SFO1	500.3030896 MHz
SI	32768
SF	500.3000000 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



7-Bromo-2-methyl-2*H*-1,4-benzoxazin-3(4H)-one (33)

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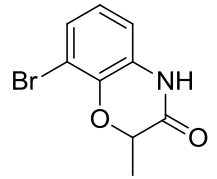
Date_             20110214
Time                 1.31
INSTRUM            avc500
PROBHD    5 mm CPDUL 13C
PULPROG            zgpg30
TD                  65536
SOLVENT               MeOD
NS                    1024
DS                       2
SWH              31250.000 Hz
FIDRES            0.476837 Hz
AQ               1.0486259 sec
RG                    1820
DW                  16.000 usec
DE                  20.00 usec
TE                  298.0 K
D1              2.00000000 sec
D11             0.03000000 sec
TD0                      1

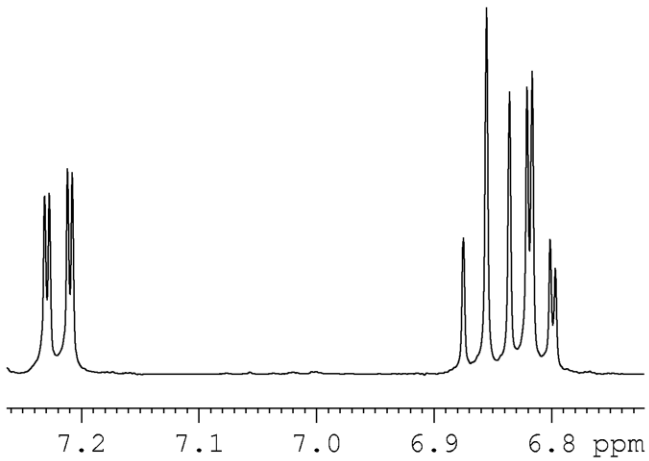
======== CHANNEL f1 ========
NUC1                   13C
P1                    9.50 usec
PL1                  -4.40 dB
PL1W           28.15752029 W
SFO1           125.8131151 MHz

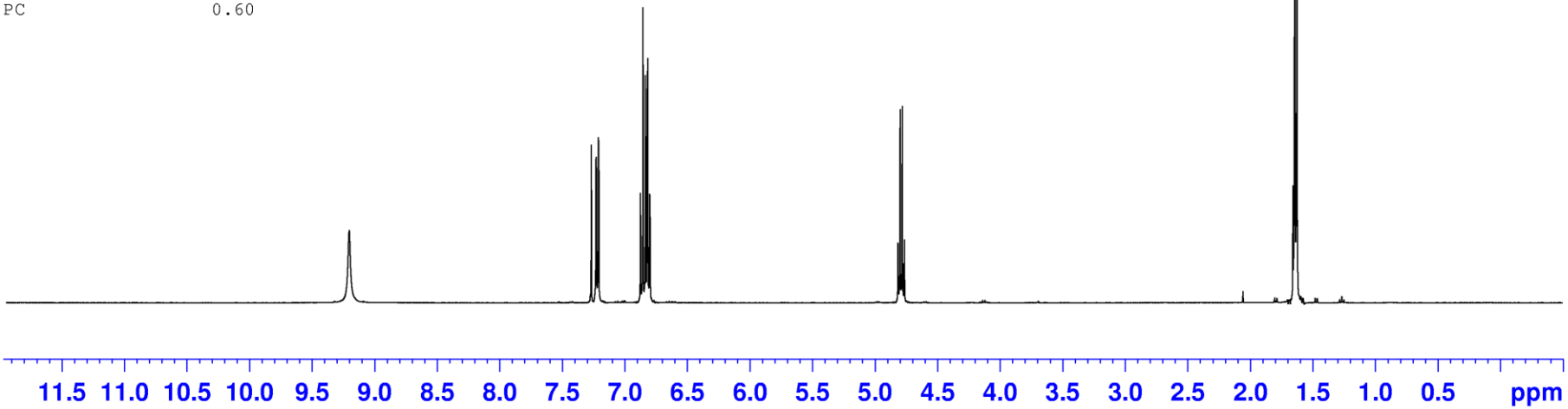
======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2                80.00 usec
PL2                  -6.00 dB
PL2                  12.42 dB
PL13                 18.42 dB
PL2W           15.19999981 W
PL12W           0.21869738 W
PL13W           0.05493430 W
SFO2           500.3020012 MHz
SI                   32768
SF             125.8003564 MHz
WDW                     EM
SSB                      0
LB                    1.00 Hz
GB                       0
PC                    1.40
```

8-Bromo-2-methyl-2*H*-1,4-benzoxazin-3(4H)-one (34)

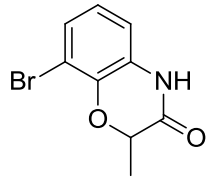


NAME	tr1003
EXPNO	1
PROCNO	1
Date_	20110127
Time	21.22
INSTRUM	dpx400
PROBHD	5 mm Dual 1H/1
PULPROG	zg60
TD	32768
SOLVENT	CDCl3
NS	16
DS	2
SWH	5592.841 Hz
FIDRES	0.170680 Hz
AQ	2.9295092 sec
RG	203.2
DW	89.400 usec
DE	17.00 usec
TE	300.0 K
D1	1.00000000 sec
======== CHANNEL f1 ========	
NUC1	1H
P1	7.30 usec
PL1	0.00 dB
SFO1	400.1320007 MHz
SI	32768
SF	400.1300182 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	0.60





8-Bromo-2-methyl-2*H*-1,4-benzoxazin-3(4H)-one (34)

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PROCNO                 1
Date_           20101124
Time                4.39
INSTRUM            av400
PROBHD   5 mm QNP 1H/13
PULPROG          zgpg30
TD                 32768
SOLVENT            CDCl3
NS                   256
DS                     4
SWH            26178.010 Hz
FIDRES             0.798889 Hz
AQ              0.6259188 sec
RG                 32768
DW                19.100 usec
DE                 7.50 usec
TE                 300.0 K
D1            1.00000000 sec
D11           0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                  13C
P1                  9.50 usec
PL1                 0.00 dB
SFO1         100.6403931 MHz

======== CHANNEL f2 ========
CPDPRG2           waltz16
NUC2                  1H
PCPD2              80.00 usec
PL2                 0.00 dB
PL12               19.00 dB
PL13               25.00 dB
SFO2         400.2016008 MHz
SI                 32768
SF           100.6303718 MHz
WDW                   EM
SSB                    0
LB                  1.00 Hz
GB                     0
PC                  1.40
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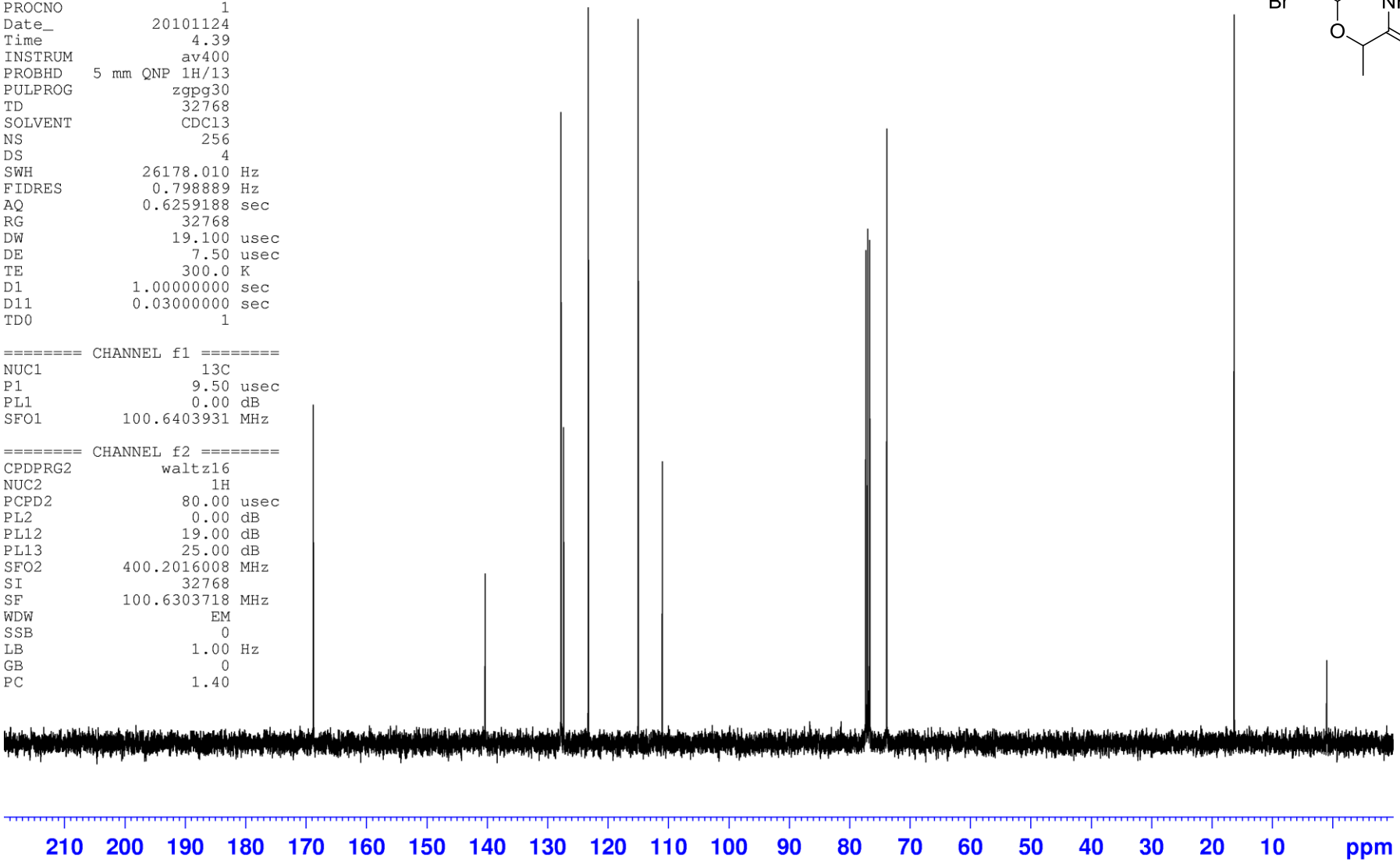
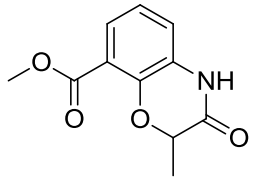
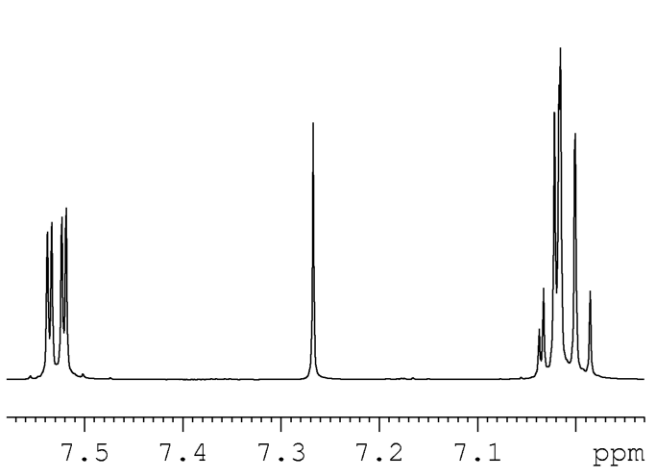


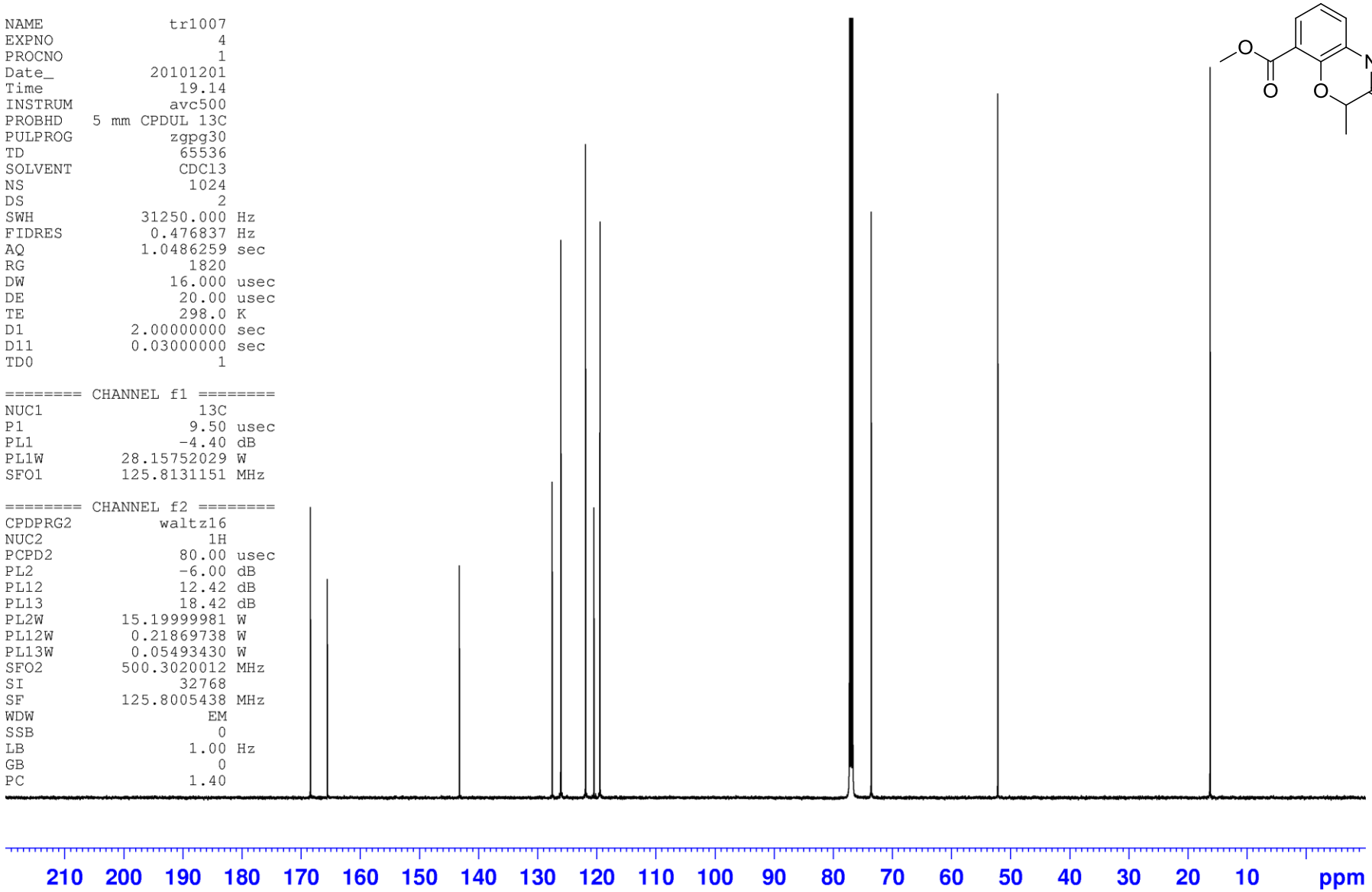
Methyl 2-methyl-3-oxo-3,4-dihydro-2*H*-1,4benzoxazine-8-carboxylate (35)



NAME	tr1007	
EXPNO	1	
PROCNO	1	
Date_	20101201	
Time	18.04	
INSTRUM	avc500	
PROBHD	5 mm CPDUL 13C	
PULPROG	zg30	
TD	65536	
SOLVENT	CDCl3	
NS	16	
DS	2	
SWH	10330.578	Hz
FIDRES	0.157632	Hz
AQ	3.1719923	sec
RG	4	
DW	48.400	usec
DE	6.00	usec
TE	298.0	K
D1	1.00000000	sec
TD0	1	
======== CHANNEL f1 ========		
NUC1	1H	
P1	9.60	usec
PL1	-6.00	dB
PL1W	15.19999981	W
SFO1	500.3030896	MHz
SI	32768	
SF	500.3000240	MHz
WDW	EM	
SSB	0	
LB	0.30	Hz
GB	0	
PC	1.00	

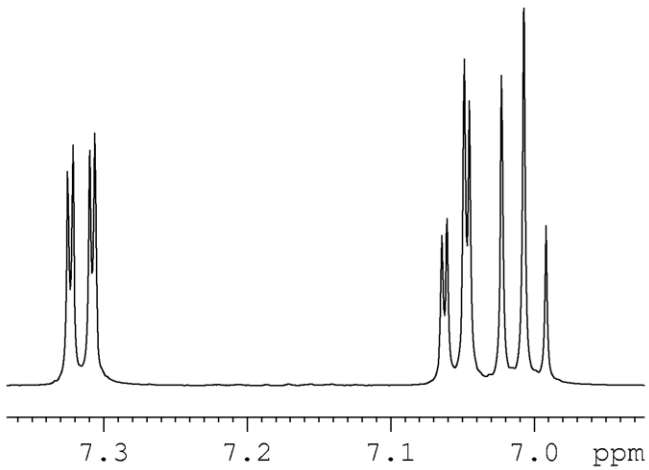


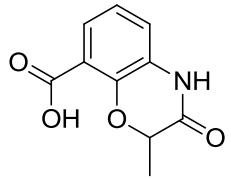
Methyl 2-methyl-3-oxo-3,4-dihydro-2*H*-1,4benzoxazine-8-carboxylate (35)



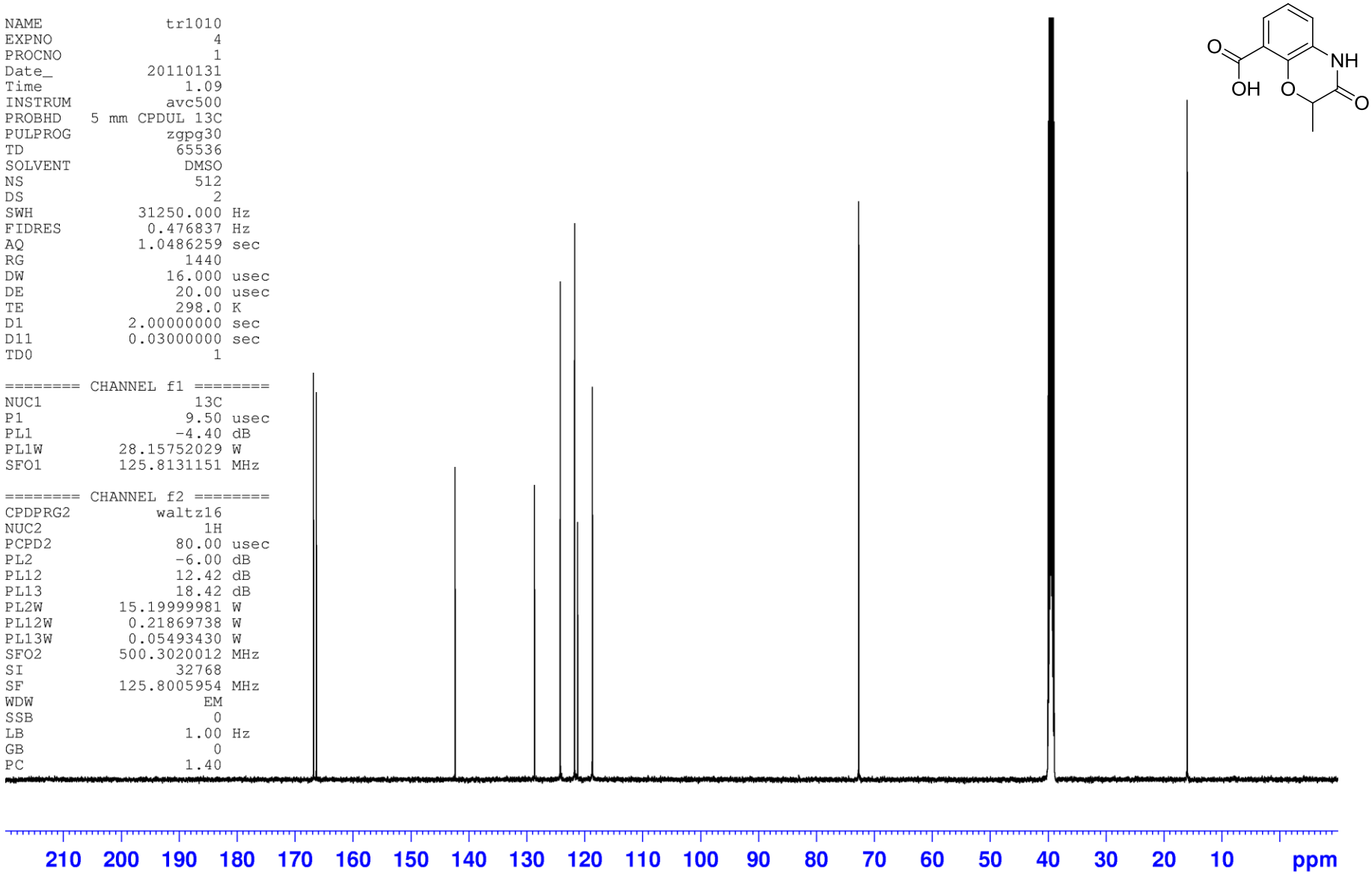
2-Methyl-3-oxo-3,4-dihydro-2*H*-1,4benzoxazine-8-carboxylic acid (36)

NAME	tr1010
EXPNO	1
PROCNO	1
Date_	20110131
Time	0.25
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zg30
TD	65536
SOLVENT	DMSO
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.157632 Hz
AQ	3.1719923 sec
RG	4
DW	48.400 usec
DE	6.00 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	1H
P1	9.60 usec
PL1	-6.00 dB
PL1W	15.19999981 W
SFO1	500.3030896 MHz
SI	32768
SF	500.3000000 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

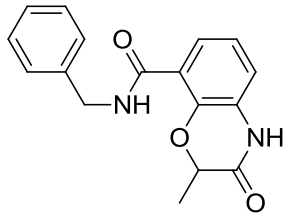




2-Methyl-3-oxo-3,4-dihydro-2*H*-1,4benzoxazine-8-carboxylic acid (36)



N-benzyl-2-methyl-3-oxo-3,4-dihydro-2*H*-1,4-benzoxazine-8-carboxamide (37)



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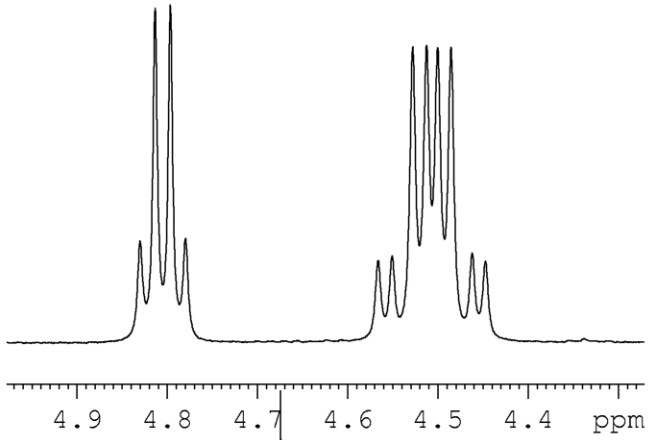
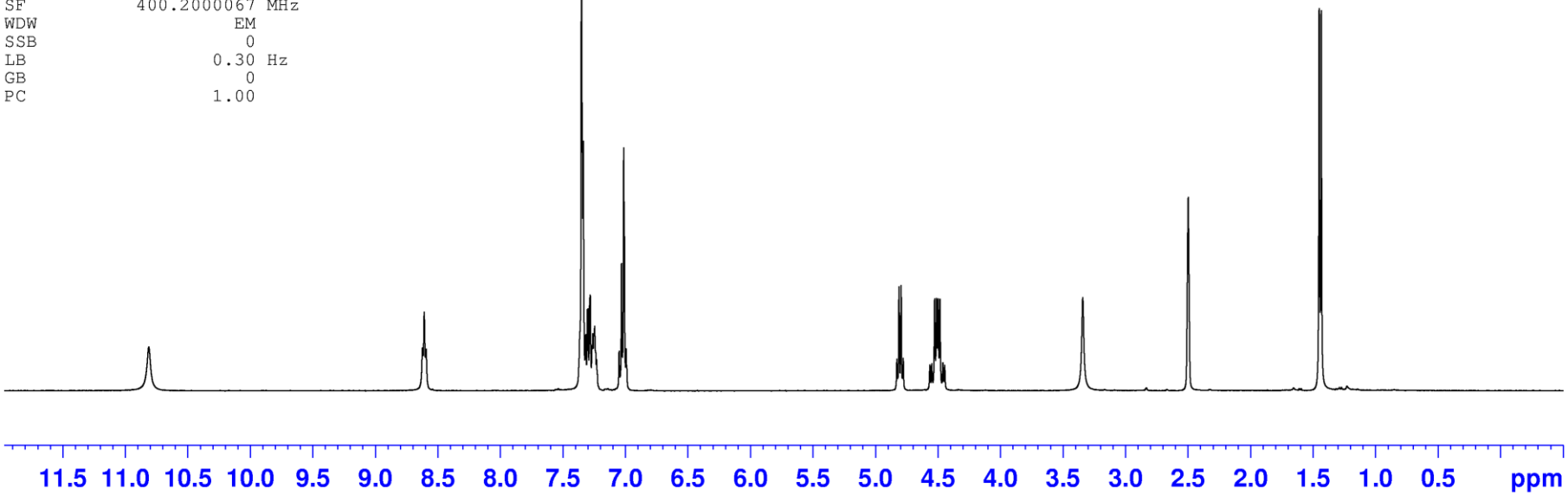
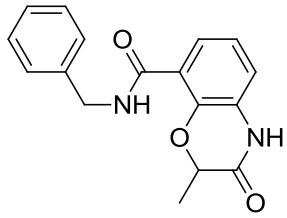
EXPNO	1
PROCNO	1
Date_	20131124
Time	19.43
INSTRUM	avg400
PROBHD	5 mm QNP 1H/13
PULPROG	zg30
TD	65536
SOLVENT	DMSO
NS	16
DS	2
SWH	10000.000 Hz
FIDRES	0.152588 Hz
AQ	3.2768500 sec
RG	359.87
DW	50.000 usec
DE	6.50 usec
TE	294.9 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
SFO1	400.2024714 MHz
NUC1	1H
P1	12.23 usec
SI	65536
SF	400.2000067 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00





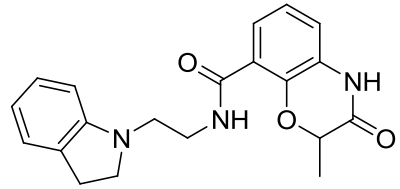
N-benzyl-2-methyl-3-oxo-3,4-dihydro-2*H*-1,4-benzoxazine-8-carboxamide (37)




```
NAME                tr1020
EXPNO                    2
PROCNO                   1
Date_             20131124
Time                 16.18
INSTRUM              avb400
PROBHD    5 mm PABBO BB/
PULPROG              zgpg30
TD                    65536
SOLVENT                DMSO
NS                     2048
DS                        4
SWH              24038.461 Hz
FIDRES            0.366798 Hz
AQ                1.3631988 sec
RG                   197.74
DW                   20.800 usec
DE                    6.50 usec
TE                   298.0 K
D1             2.00000000 sec
D11            0.03000000 sec
TD0                       1

======== CHANNEL f1 ========
SFO1           100.6228303 MHz
NUC1                   13C
P1                   10.00 usec
SI                    32768
SF             100.6128198 MHz
WDW                      EM
SSB                       0
LB                    1.00 Hz
GB                        0
PC                    1.40
```

N-[2-(2,3-Dihydro-1*H*-indol-1-yl)ethyl]-2-methyl-3-oxo-3,4-dihydro-2*H*-1,4-benzoxazine-8-carboxamide (75)



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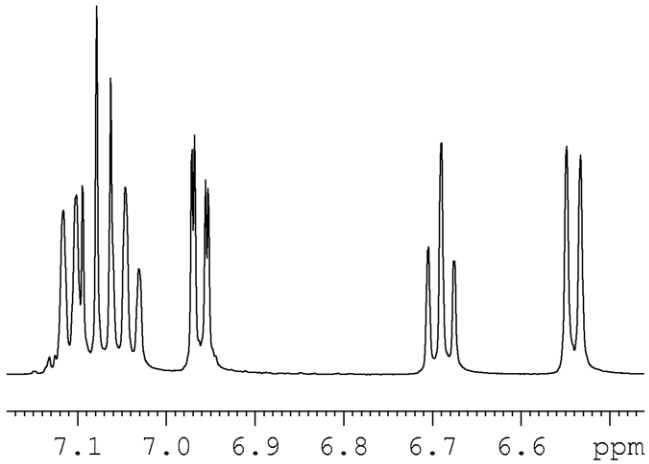
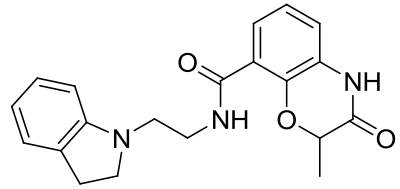
EXPNO	1	
PROCNO	1	
Date_	20110705	
Time	14.06	
INSTRUM	avc500	
PROBHD	5 mm CPDUL 13C	
PULPROG	zg30	
TD	65536	
SOLVENT	CDCl3	
NS	16	
DS	2	
SWH	10330.578	Hz
FIDRES	0.157632	Hz
AQ	3.1719923	sec
RG	4	
DW	48.400	usec
DE	6.00	usec
TE	298.0	K
D1	1.00000000	sec
TD0	1	
======== CHANNEL f1 ========		
NUC1	1H	
P1	9.60	usec
PL1	-6.00	dB
PL1W	15.19999981	W
SFO1	500.3030896	MHz
SI	32768	
SF	500.3000240	MHz
WDW	EM	
SSB	0	
LB	0.30	Hz
GB	0	
PC	1.00	



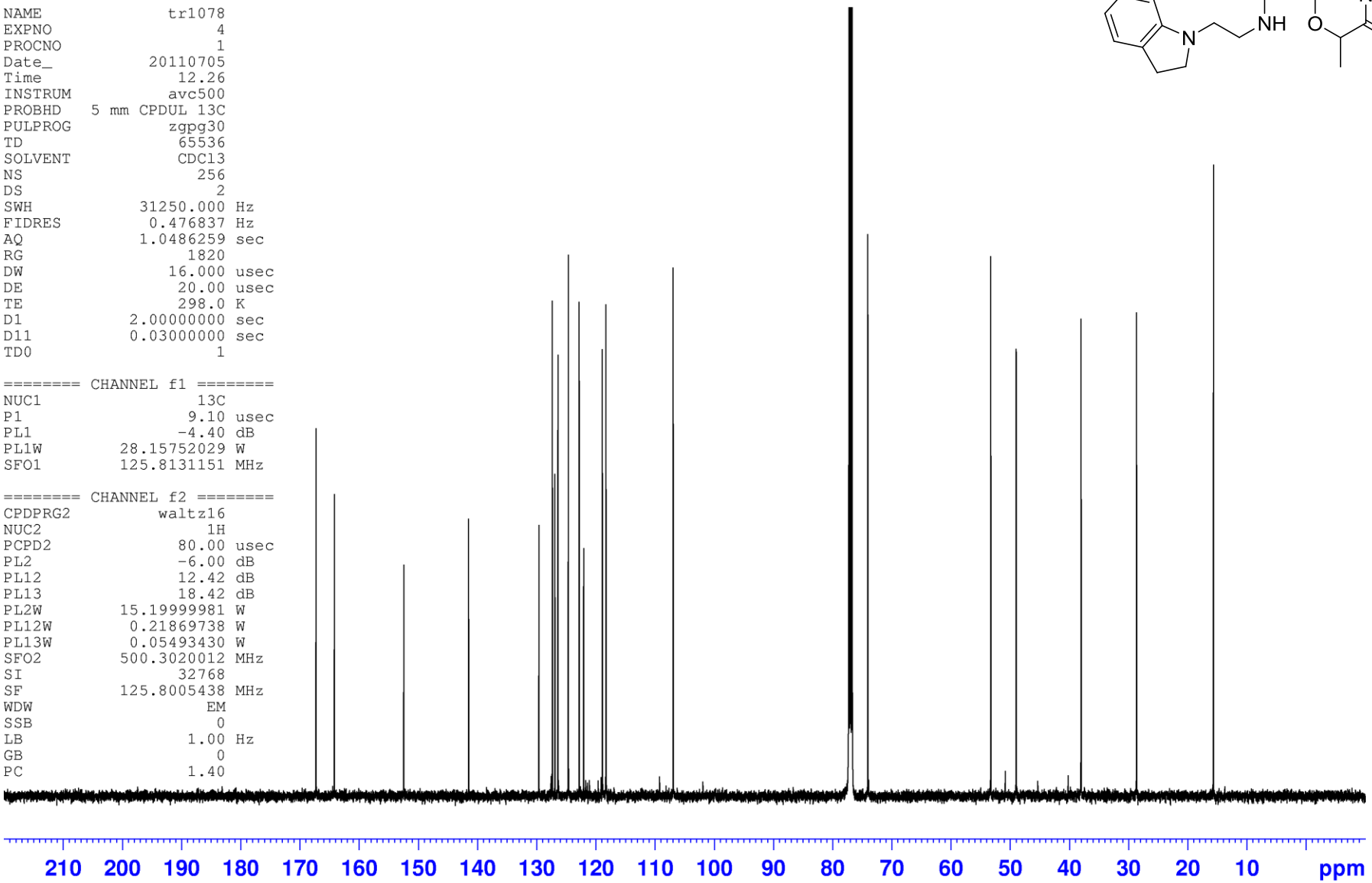
N-[2-(2,3-Dihydro-1*H*-indol-1-yl)ethyl]-2-methyl-3-oxo-3,4-dihydro-2*H*-1,4-benzoxazine-8-carboxamide (75)



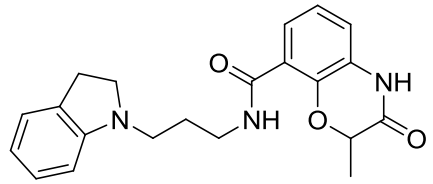

```
NAME                tr1078
EXPNO                    4
PROCNO                   1
Date_             20110705
Time                 12.26
INSTRUM             avc500
PROBHD    5 mm CPDUL 13C
PULPROG             zgpg30
TD                   65536
SOLVENT              CDCl3
NS                     256
DS                       2
SWH              31250.000 Hz
FIDRES            0.476837 Hz
AQ               1.0486259 sec
RG                    1820
DW                  16.000 usec
DE                  20.00 usec
TE                  298.0 K
D1              2.00000000 sec
D11             0.03000000 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                   13C
P1                    9.10 usec
PL1                  -4.40 dB
PL1W           28.15752029 W
SFO1           125.8131151 MHz

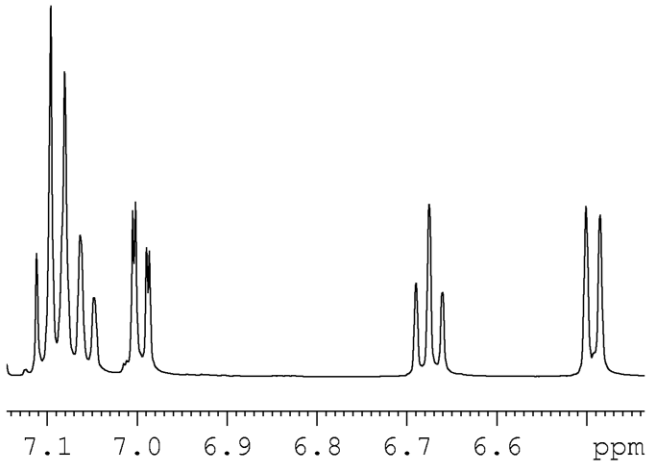
======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2                80.00 usec
PL2                  -6.00 dB
PL12                 12.42 dB
PL13                 18.42 dB
PL2W           15.19999981 W
PL12W           0.21869738 W
PL13W           0.05493430 W
SFO2           500.3020012 MHz
SI                   32768
SF             125.8005438 MHz
WDW                     EM
SSB                      0
LB                    1.00 Hz
GB                       0
PC                    1.40
```



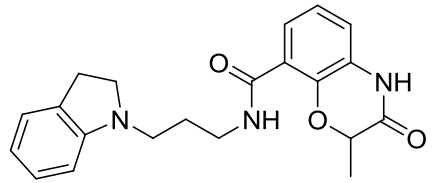
N-[3-(2,3-Dihydro-1*H*-indol-1-yl)propyl]-2-methyl-3-oxo-3,4-dihydro-2*H*-1,4-benzoxazine-8-carboxamide (44)



NAME	tr1079	
EXPNO	1	
PROCNO	1	
Date_	20110705	
Time	17.31	
INSTRUM	avc500	
PROBHD	5 mm CPDUL 13C	
PULPROG	zg30	
TD	65536	
SOLVENT	CDCl3	
NS	16	
DS	2	
SWH	10330.578	Hz
FIDRES	0.157632	Hz
AQ	3.1719923	sec
RG	4	
DW	48.400	usec
DE	6.00	usec
TE	298.0	K
D1	1.00000000	sec
TD0	1	
======== CHANNEL f1 ========		
NUC1	1H	
P1	9.60	usec
PL1	-6.00	dB
PL1W	15.19999981	W
SFO1	500.3030896	MHz
SI	32768	
SF	500.3000240	MHz
WDW	EM	
SSB	0	
LB	0.30	Hz
GB	0	
PC	3.00	



N-[3-(2,3-Dihydro-1*H*-indol-1-yl)propyl]-2-methyl-3-oxo-3,4-dihydro-2*H*-1,4-benzoxazine-8-carboxamide (44)

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NAME                tr1079
EXPNO                    4
PROCNO                   1
Date_             20110705
Time                 13.33
INSTRUM             avc500
PROBHD    5 mm CPDUL 13C
PULPROG             zgpg30
TD                   65536
SOLVENT              CDCl3
NS                     256
DS                       2
SWH              31250.000 Hz
FIDRES           0.476837 Hz
AQ               1.0486259 sec
RG                    1820
DW                  16.000 usec
DE                  20.00 usec
TE                  298.0 K
D1              2.00000000 sec
D11             0.03000000 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                   13C
P1                    9.10 usec
PL1                  -4.40 dB
PL1W          28.15752029 W
SFO1          125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2                80.00 usec
PL2                  -6.00 dB
PL12                 12.42 dB
PL13                 18.42 dB
PL2W          15.19999981 W
PL12W          0.21869738 W
PL13W          0.05493430 W
SFO2          500.3020012 MHz
SI                   32768
SF            125.8005438 MHz
WDW                     EM
SSB                      0
LB                    1.00 Hz
GB                       0
PC                    1.40
```
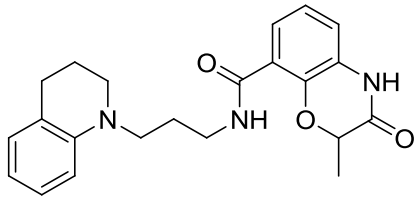
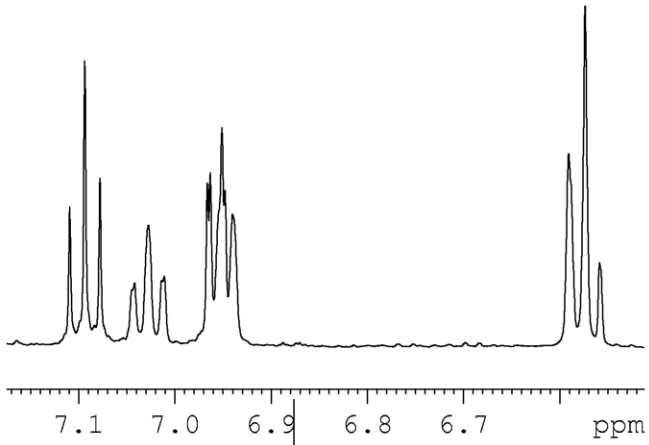
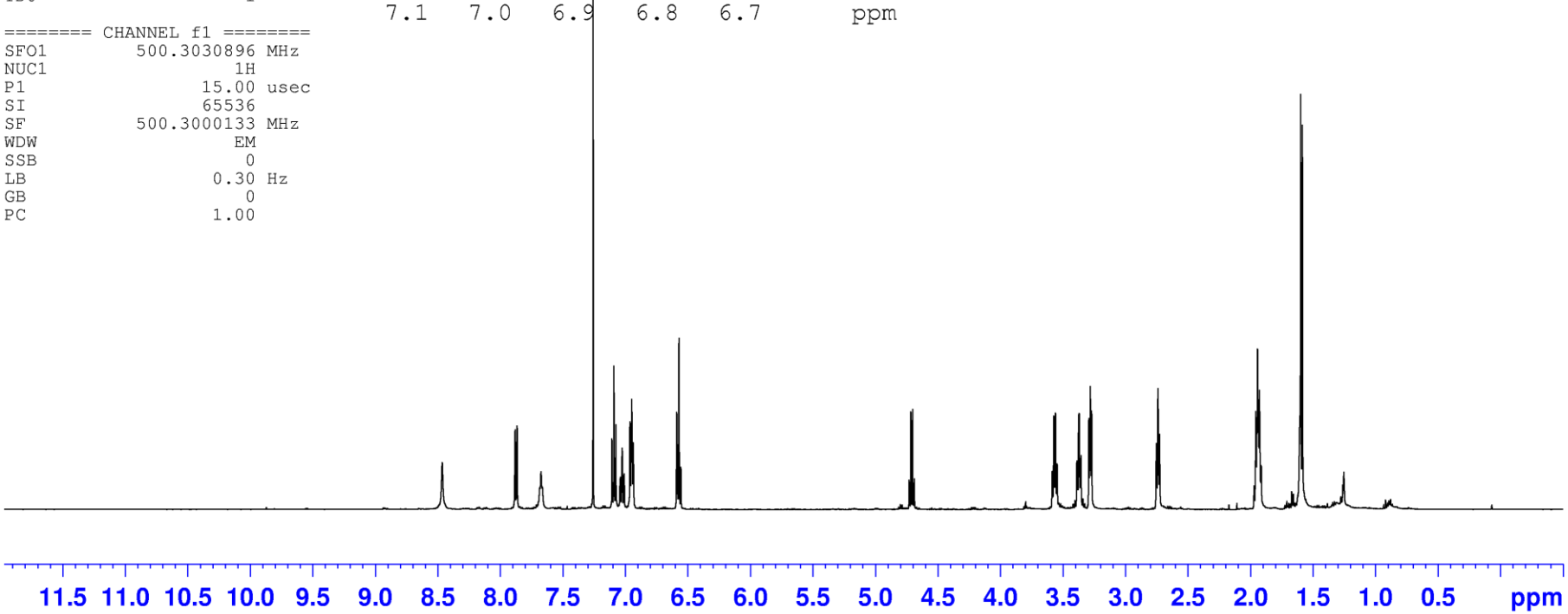

N-[2-(3,4-Dihydroquinolin-1(2*H*)-yl)propyl]-2-methyl-3-oxo-3,4-dihydro-2*H*-1,4-benzoxazine-8-carboxamide (71)

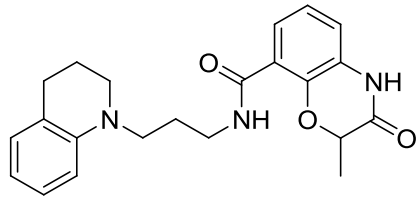



```
NAME                tr1062
EXPNO                    1
PROCNO                   1
Date_             20131113
Time                 10.00
INSTRUM             avc500
PROBHD    5 mm CPDUL 13C
PULPROG                zg30
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        4
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719923 sec
RG                       4
DW                  48.400 usec
DE                  10.00 usec
TE                  298.0 K
D1              1.00000000 sec
TD0                      1

======== CHANNEL f1 ========
SFO1           500.3030896 MHz
NUC1                    1H
P1                  15.00 usec
SI                    65536
SF             500.3000133 MHz
WDW                     EM
SSB                      0
LB                    0.30 Hz
GB                       0
PC                    1.00
```





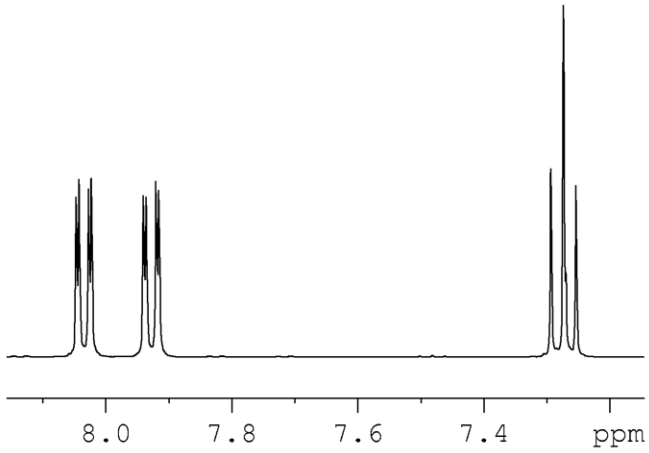
N-[2-(3,4-Dihydroquinolin-1(2*H*)-yl)propyl]-2-methyl-3-oxo-3,4-dihydro-2*H*-1,4-benzoxazine-8-carboxamide (71)

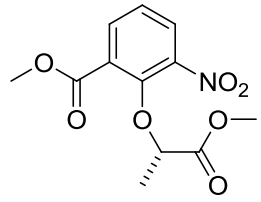



```
NAME                tr1062
EXPNO                    4
PROCNO                   1
Date_             20131113
Time                 10.48
INSTRUM             avc500
PROBHD    5 mm CPDUL 13C
PULPROG             zgpg30
TD                   65536
SOLVENT              CDCl3
NS                     512
DS                       2
SWH              31250.000 Hz
FIDRES               0.476837 Hz
AQ               1.0486259 sec
RG                     912
DW                  16.000 usec
DE                  18.00 usec
TE                  298.0 K
D1              2.00000000 sec
D11             0.03000000 sec
TD0                      1

======== CHANNEL f1 ========
SFO1           125.8131151 MHz
NUC1                   13C
P1                  10.00 usec
SI                   32768
SF             125.8005192 MHz
WDW                    EM
SSB                     0
LB                   1.00 Hz
GB                      0
PC                   1.40
```

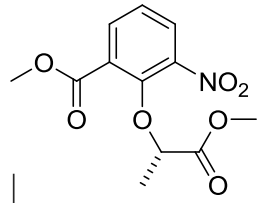
Methyl 2-{[(2*S*)-1-methoxy-1-oxopropan-2-yl]oxy}-3-nitrobenzoate [(*S*)-89]

NAME	tr1045
EXPNO	1
PROCNO	1
Date_	20110601
Time	5.44
INSTRUM	av400
PROBHD	5 mm QNP 1H/13
PULPROG	zg60
TD	65536
SOLVENT	CDCl3
NS	16
DS	2
SWH	8278.146 Hz
FIDRES	0.126314 Hz
AQ	3.9584243 sec
RG	90.5
DW	60.400 usec
DE	7.50 usec
TE	300.0 K
D1	1.00000000 sec
======== CHANNEL f1 ========	
NUC1	1H
P1	9.00 usec
PL1	0.00 dB
SFO1	400.2024714 MHz
SI	32768
SF	400.2000028 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

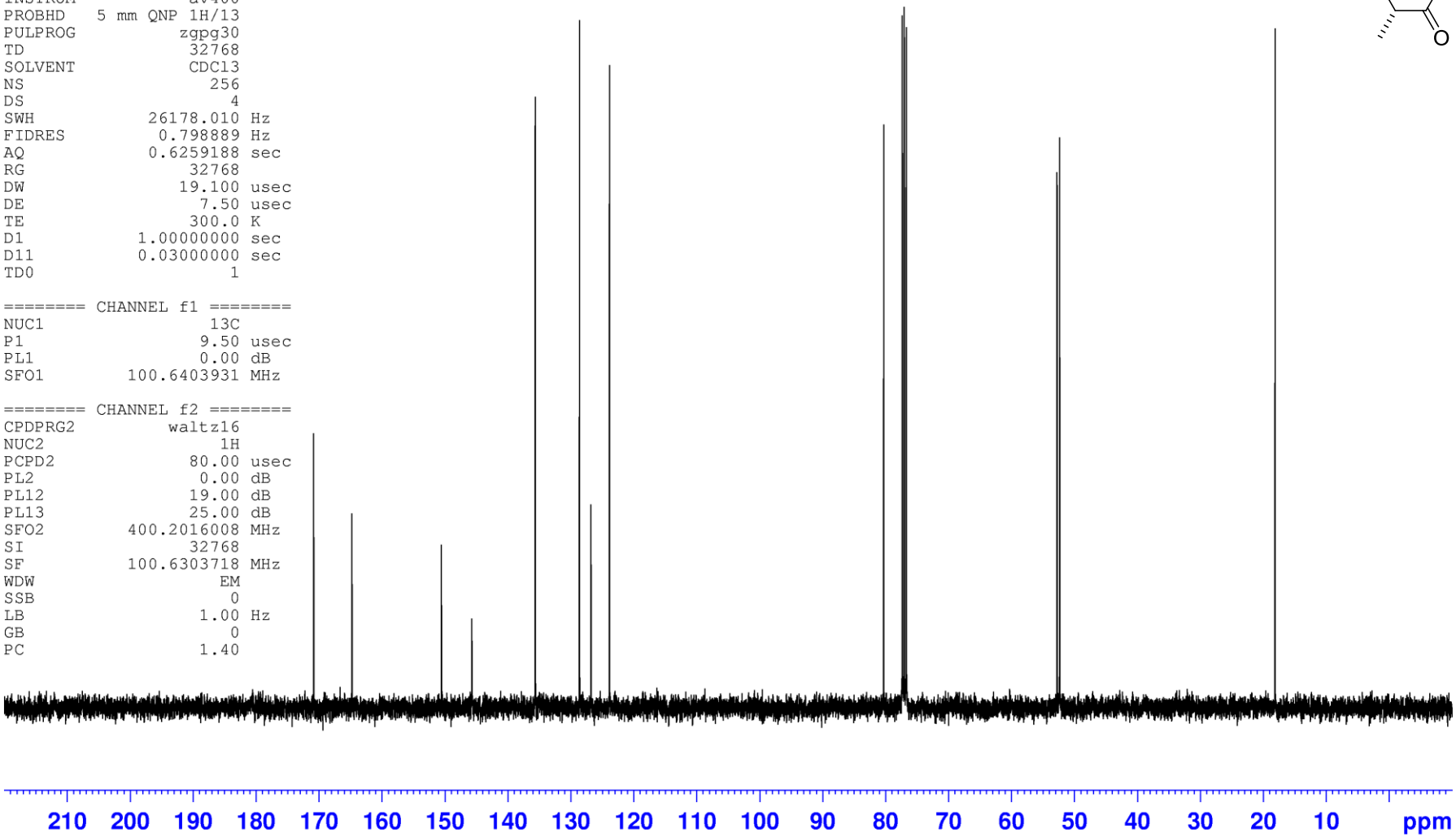




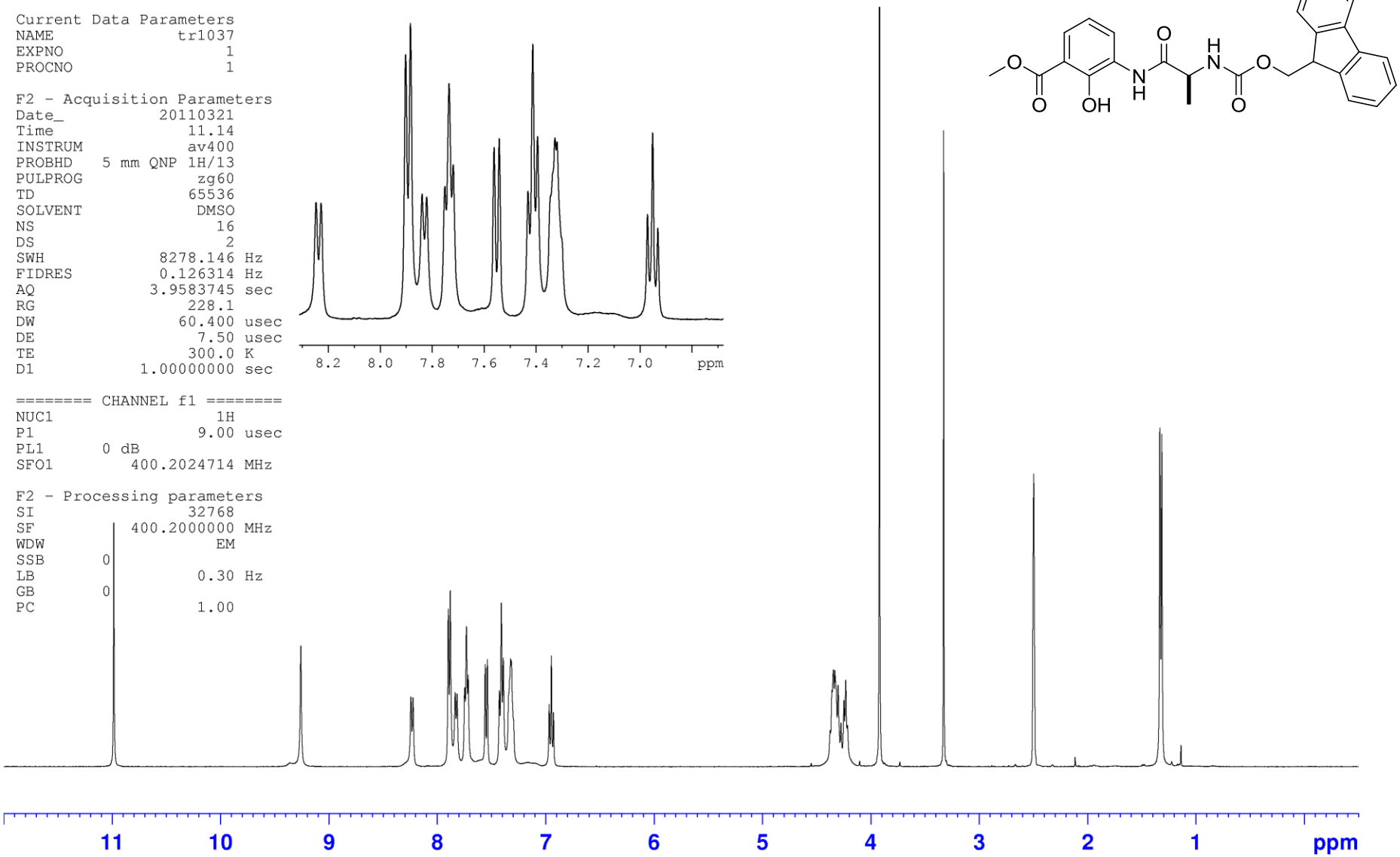
Methyl 2-{[(2*S*)-1-methoxy-1-oxopropan-2-yl]oxy}-3-nitrobenzoate [(*S*)-89]




```
NAME                tr1045
EXPNO                    2
PROCNO                   1
Date_             20110601
Time                 5.52
INSTRUM              av400
PROBHD    5 mm QNP 1H/13
PULPROG             zgpg30
TD                   32768
SOLVENT              CDCl3
NS                     256
DS                       4
SWH              26178.010 Hz
FIDRES               0.798889 Hz
AQ                0.6259188 sec
RG                   32768
DW                  19.100 usec
DE                   7.50 usec
TE                  300.0 K
D1              1.00000000 sec
D11             0.03000000 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                   13C
P1                    9.50 usec
PL1                   0.00 dB
SFO1          100.6403931 MHz

======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2                80.00 usec
PL2                   0.00 dB
PL12                 19.00 dB
PL13                 25.00 dB
SFO2          400.2016008 MHz
SI                   32768
SF            100.6303718 MHz
WDW                    EM
SSB                     0
LB                    1.00 Hz
GB                      0
PC                    1.40
```

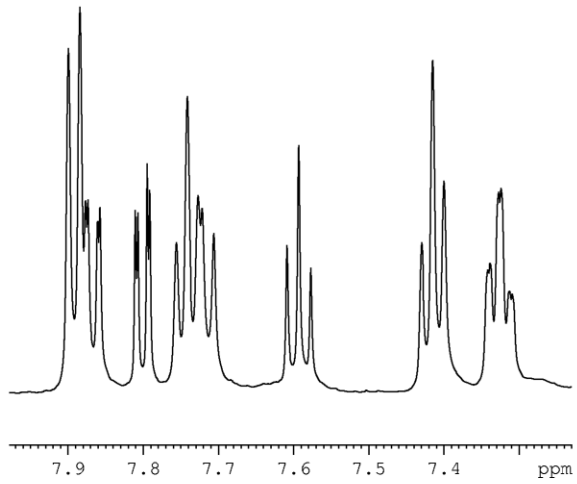


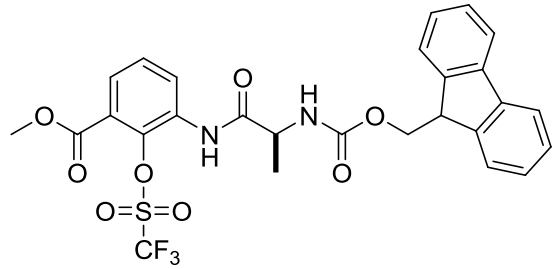
Methyl 3-[(2-{[(9*H*-fluoren-9-ylmethoxy)carbonyl]amino}propanoyl)amino]-2-hydroxybenzoate (103)



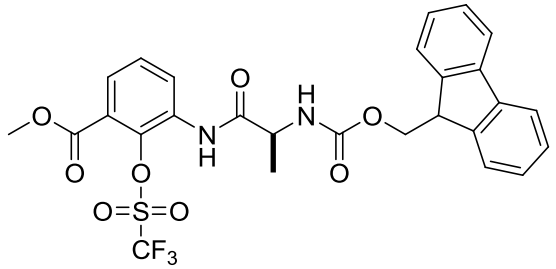
Methyl 3-[(2-{[(9*H*-fluoren-9-ylmethoxy)carbonyl]amino}propanoyl)amino]-2-[(trifluoromethyl)sulfonyl]benzoate (104)

```
Current Data Parameters
NAME                 tr1039
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20110327
Time                  9.36
INSTRUM              avc500
PROBHD    5 mm CPDUL 13C
PULPROG               zg30
TD                   65536
SOLVENT               DMSO
NS                       16
DS                        2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719425 sec
RG                        4
DW                  48.400 usec
DE                   6.00 usec
TE                  298.0 K
D1              1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
NUC1                     1H
P1                    9.60 usec
PL1                  -6.00 dB
PL1W          15.19999981 W
SFO1          500.3030896 MHz

F2 - Processing parameters
SI                    32768
SF            500.3000051 MHz
WDW                      EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```





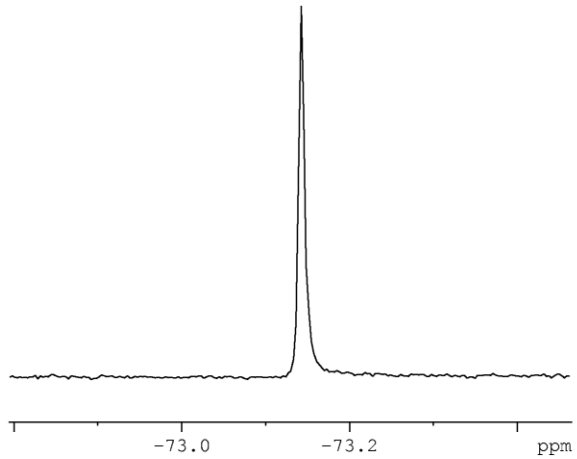
Methyl 3-[(2-{[(9*H*-fluoren-9-ylmethoxy)carbonyl]amino}propanoyl)amino]-2-[(trifluoromethyl)sulfonyl]benzoate (104)

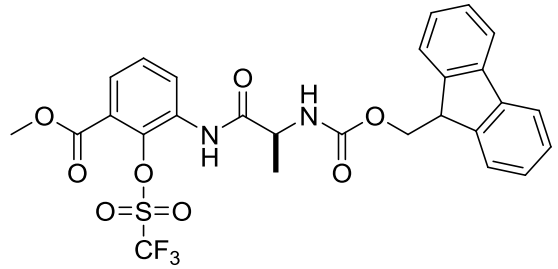


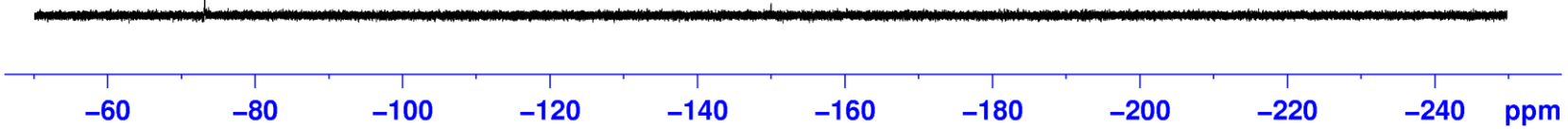

```
NAME          tr32552403
EXPNO                  4
PROCNO                 1
Date_           20110327
Time               11.12
INSTRUM           avc500
PROBHD   5 mm CPDUL 13C
PULPROG           zgpg30
TD                65536
SOLVENT            DMSO
NS                  1024
DS                     2
SWH            31250.000 Hz
FIDRES             0.476837 Hz
AQ             1.0486259 sec
RG                   912
DW                16.000 usec
DE                20.00 usec
TE                298.0 K
D1            2.00000000 sec
D11           0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 13C
P1                 9.50 usec
PL1                -4.40 dB
PL1W         28.15752029 W
SFO1         125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2          waltz16
NUC2                 1H
PCPD2              80.00 usec
PL2                -6.00 dB
PL12               12.42 dB
PL13               18.42 dB
PL2W         15.19999981 W
PL12W         0.21869738 W
PL13W         0.05493430 W
SFO2         500.3020012 MHz
SI                 32768
SF           125.8005954 MHz
WDW                   EM
SSB                    0
LB                  1.00 Hz
GB                     0
PC                  1.40
```

Methyl 3-[(2-{[(9*H*-fluoren-9-ylmethoxy)carbonyl]amino}propanoyl)amino]-2-[(trifluoromethyl)sulfonyl]benzoate (104)

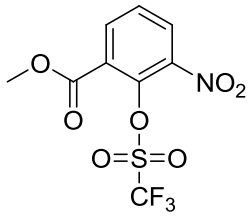
```
Current Data Parameters
NAME                 tr1039
EXPNO                     5
PROCNO                    1

F2 - Acquisition Parameters
Date_              20110319
Time                  3.46
INSTRUM               av400
PROBHD    5 mm QNP 1H/13
PULPROG              zgflqn
TD                   131072
SOLVENT               CDC13
NS                      256
DS                        2
SWH               75187.969 Hz
FIDRES             0.573639 Hz
AQ                0.8716288 sec
RG                      181
DW                    6.650 usec
DE                    9.50 usec
TE                    300.0 K
D1              1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
NUC1                    19F
P1                    15.75 usec
PL1       0 dB
SFO1          376.5077354 MHz

F2 - Processing parameters
SI                    65536
SF              376.5642200 MHz
WDW                     EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```



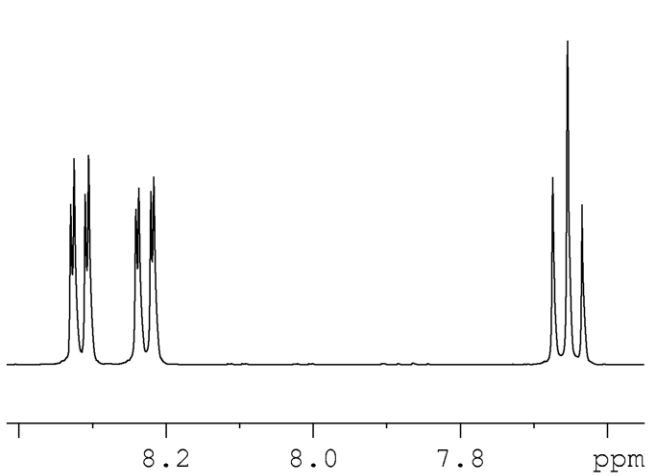




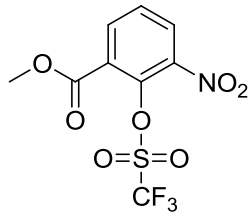
Methyl 3-nitro-2-{[(trifluoromethyl)sulfonyl]oxy}benzoate (107)




```
NAME                tr1038
EXPNO                    5
PROCNO                   1
Date_             20110601
Time                 18.08
INSTRUM              av400
PROBHD   5 mm QNP 1H/13
PULPROG               zg60
TD                   65536
SOLVENT              CDCl3
NS                      16
DS                       2
SWH               8278.146 Hz
FIDRES            0.126314 Hz
AQ                3.9584243 sec
RG                     181
DW                  60.400 usec
DE                   7.50 usec
TE                  300.0 K
D1             1.00000000 sec

======== CHANNEL f1 ========
NUC1                    1H
P1                   9.00 usec
PL1                  0.00 dB
SFO1          400.2024714 MHz
SI                   32768
SF            400.2000028 MHz
WDW                     EM
SSB                      0
LB                   0.30 Hz
GB                       0
PC                   1.00
```

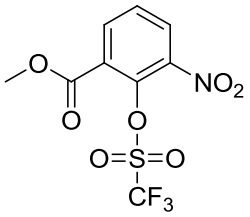


Methyl 3-nitro-2-{[(trifluoromethyl)sulfonyl]oxy}benzoate (107)

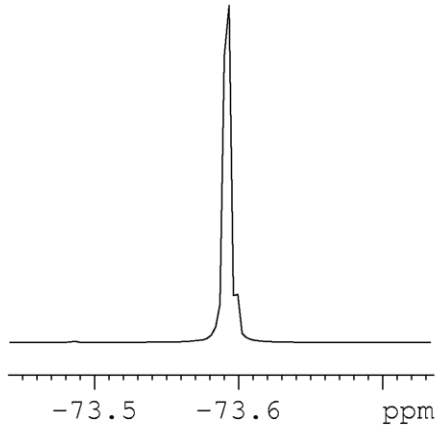



```
NAME                tr1038
EXPNO                    7
PROCNO                   1
Date_             20110601
Time                 18.40
INSTRUM              av400
PROBHD    5 mm QNP 1H/13
PULPROG             zgpg30
TD                   32768
SOLVENT              CDCl3
NS                     256
DS                       4
SWH              26178.010 Hz
FIDRES               0.798889 Hz
AQ                0.6259188 sec
RG                   32768
DW                  19.100 usec
DE                   7.50 usec
TE                  300.0 K
D1              1.00000000 sec
D11             0.03000000 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                   13C
P1                    9.50 usec
PL1                   0.00 dB
SFO1          100.6403931 MHz

======== CHANNEL f2 ========
CPDPRG2           waltz16
NUC2                   1H
PCPD2                80.00 usec
PL2                   0.00 dB
PL12                 19.00 dB
PL13                 25.00 dB
SFO2          400.2016008 MHz
SI                   32768
SF            100.6303718 MHz
WDW                    EM
SSB                     0
LB                    1.00 Hz
GB                      0
PC                    1.20
```

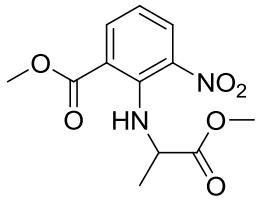
Methyl 3-nitro-2-{[(trifluoromethyl)sulfonyl]oxy}benzoate (107)



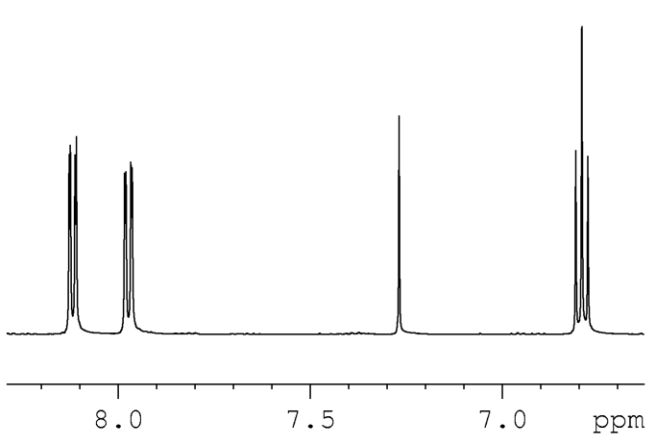

```
NAME                tr1038
EXPNO                    9
PROCNO                   1
Date_             20110601
Time                 18.32
INSTRUM              av400
PROBHD    5 mm QNP 1H/13
PULPROG             zgflqn
TD                  131072
SOLVENT               CDCl3
NS                      256
DS                        2
SWH              75187.969 Hz
FIDRES             0.573639 Hz
AQ                0.8716788 sec
RG                     71.8
DW                 6.650 usec
DE                 9.50 usec
TE                 300.0 K
D1              1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
NUC1                    19F
P1                  15.75 usec
PL1                  0.00 dB
SFO1          376.5077354 MHz
SI                    65536
SF            376.5642200 MHz
WDW                      EM
SSB                       0
LB                   0.30 Hz
GB                        0
PC                    1.00
```



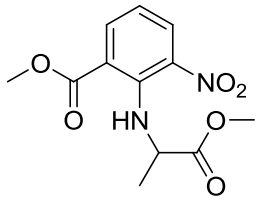
Methyl 2-[(1-methoxy-1-oxopropan-2-yl)amino]-3-nitrobenzoate (108)



NAME	tr1051	
EXPNO	1	
PROCNO	1	
Date_	20110602	
Time	2.36	
INSTRUM	avc500	
PROBHD	5 mm CPDUL 13C	
PULPROG	zg30	
TD	65536	
SOLVENT	CDCl3	
NS	16	
DS	2	
SWH	10330.578	Hz
FIDRES	0.157632	Hz
AQ	3.1719923	sec
RG	4	
DW	48.400	usec
DE	6.00	usec
TE	298.0	K
D1	1.00000000	sec
TD0	1	
======== CHANNEL f1 ========		
NUC1	1H	
P1	9.60	usec
PL1	-6.00	dB
PL1W	15.19999981	W
SFO1	500.3030896	MHz
SI	32768	
SF	500.3000240	MHz
WDW	EM	
SSB	0	
LB	0.30	Hz
GB	0	
PC	1.00	

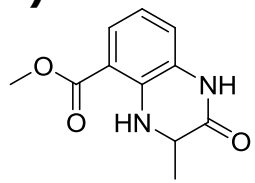


Methyl 2-[(1-methoxy-1-oxopropan-2-yl)amino]-3-nitrobenzoate (108)

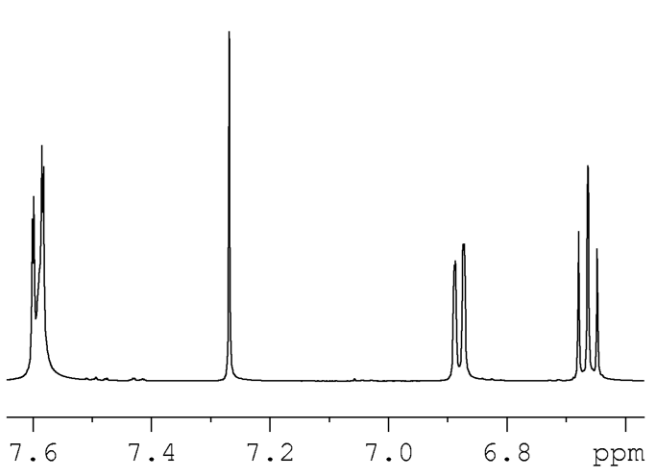



```
NAME                tr1051
EXPNO                    2
PROCNO                   1
Date_             20110602
Time                 2.50
INSTRUM            avc500
PROBHD   5 mm CPDUL 13C
PULPROG            zgpg30
TD                  65536
SOLVENT             CDCl3
NS                    256
DS                      2
SWH             31250.000 Hz
FIDRES          0.476837 Hz
AQ              1.0486259 sec
RG                    912
DW                 16.000 usec
DE                 20.00 usec
TE                 298.0 K
D1             2.00000000 sec
D11            0.03000000 sec
TD0                     1

======== CHANNEL f1 ========
NUC1                  13C
P1                  9.10 usec
PL1                -4.40 dB
PL1W         28.15752029 W
SFO1         125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2           waltz16
NUC2                  1H
PCPD2               80.00 usec
PL2                 -6.00 dB
PL12                12.42 dB
PL13                18.42 dB
PL2W         15.19999981 W
PL12W         0.21869738 W
PL13W         0.05493430 W
SFO2         500.3020012 MHz
SI                  32768
SF           125.8005438 MHz
WDW                    EM
SSB                     0
LB                   1.00 Hz
GB                      0
PC                   1.40
```

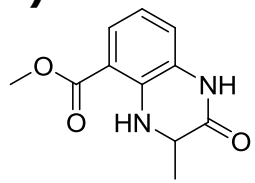
Methyl 3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate (106)



NAME	tr1053
EXPNO	1
PROCNO	1
Date_	20110519
Time	9.50
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zg30
TD	65536
SOLVENT	CDCl3
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.157632 Hz
AQ	3.1719923 sec
RG	4
DW	48.400 usec
DE	6.00 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	1H
P1	9.60 usec
PL1	-6.00 dB
PL1W	15.19999981 W
SFO1	500.3030896 MHz
SI	32768
SF	500.3000240 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

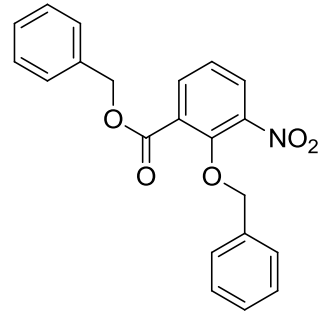


Methyl 3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate (106)

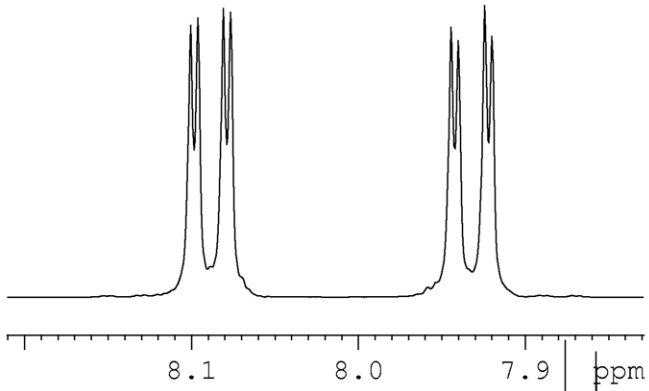


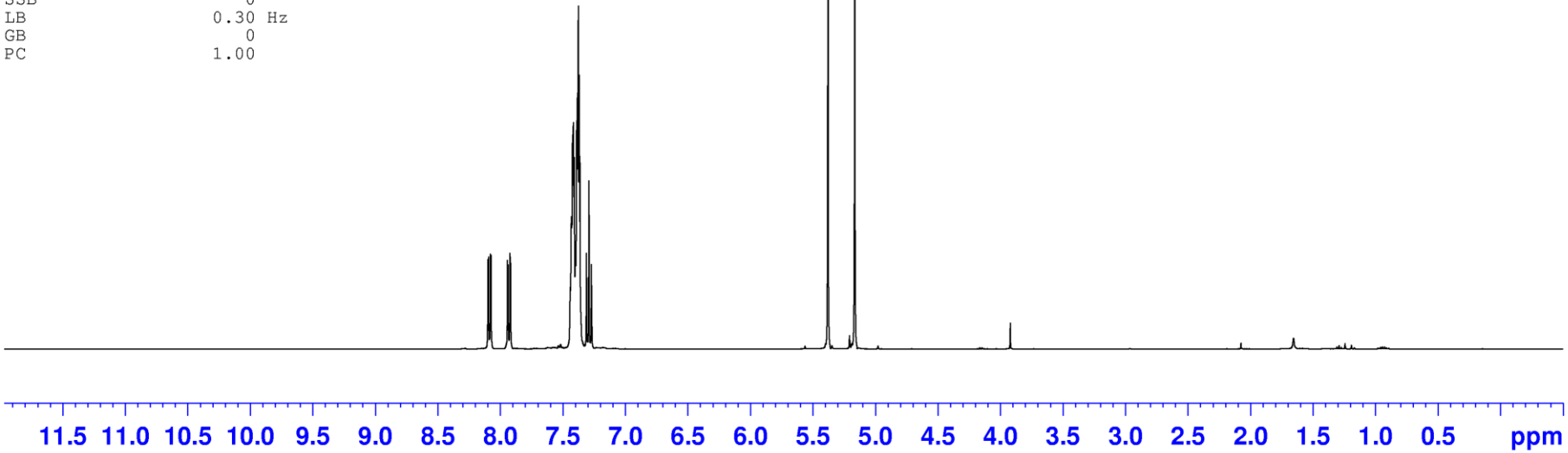

```
NAME                tr1053
EXPNO                    4
PROCNO                   1
Date_             20110519
Time                 11.00
INSTRUM             avc500
PROBHD    5 mm CPDUL 13C
PULPROG             zgpg30
TD                   65536
SOLVENT              CDCl3
NS                    1024
DS                       2
SWH              31250.000 Hz
FIDRES            0.476837 Hz
AQ               1.0486259 sec
RG                    1820
DW                  16.000 usec
DE                  20.00 usec
TE                  298.0 K
D1              2.00000000 sec
D11             0.03000000 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                   13C
P1                    9.10 usec
PL1                  -4.40 dB
PL1W           28.15752029 W
SFO1           125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2                80.00 usec
PL2                  -6.00 dB
PL12                 12.42 dB
PL13                 18.42 dB
PL2W           15.19999981 W
PL12W           0.21869738 W
PL13W           0.05493430 W
SFO2           500.3020012 MHz
SI                   32768
SF             125.8005438 MHz
WDW                     EM
SSB                      0
LB                    1.00 Hz
GB                       0
PC                    1.40
```

Benzyl 2-benzyloxy-3-nitrobenzoate (111)

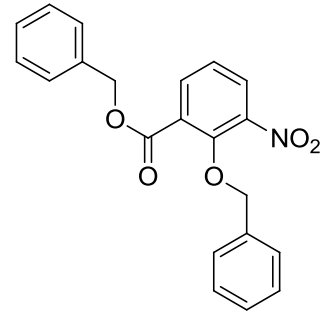



```
NAME                tr3050
EXPNO                    1
PROCNO                   1
Date_             20120805
Time                 17.18
INSTRUM              av400
PROBHD    5 mm QNP 1H/13
PULPROG              zg60
TD                  65536
SOLVENT             CDCl3
NS                     16
DS                      2
SWH              8278.146 Hz
FIDRES           0.126314 Hz
AQ               3.9584243 sec
RG                    35.9
DW                  60.400 usec
DE                    7.50 usec
TE                   300.0 K
D1             1.00000000 sec

======== CHANNEL f1 ========
NUC1                   1H
P1                   9.00 usec
PL1                  0.00 dB
SFO1          400.2024714 MHz
SI                   32768
SF            400.2000028 MHz
WDW                    EM
SSB                     0
LB                   0.30 Hz
GB                      0
PC                   1.00
```

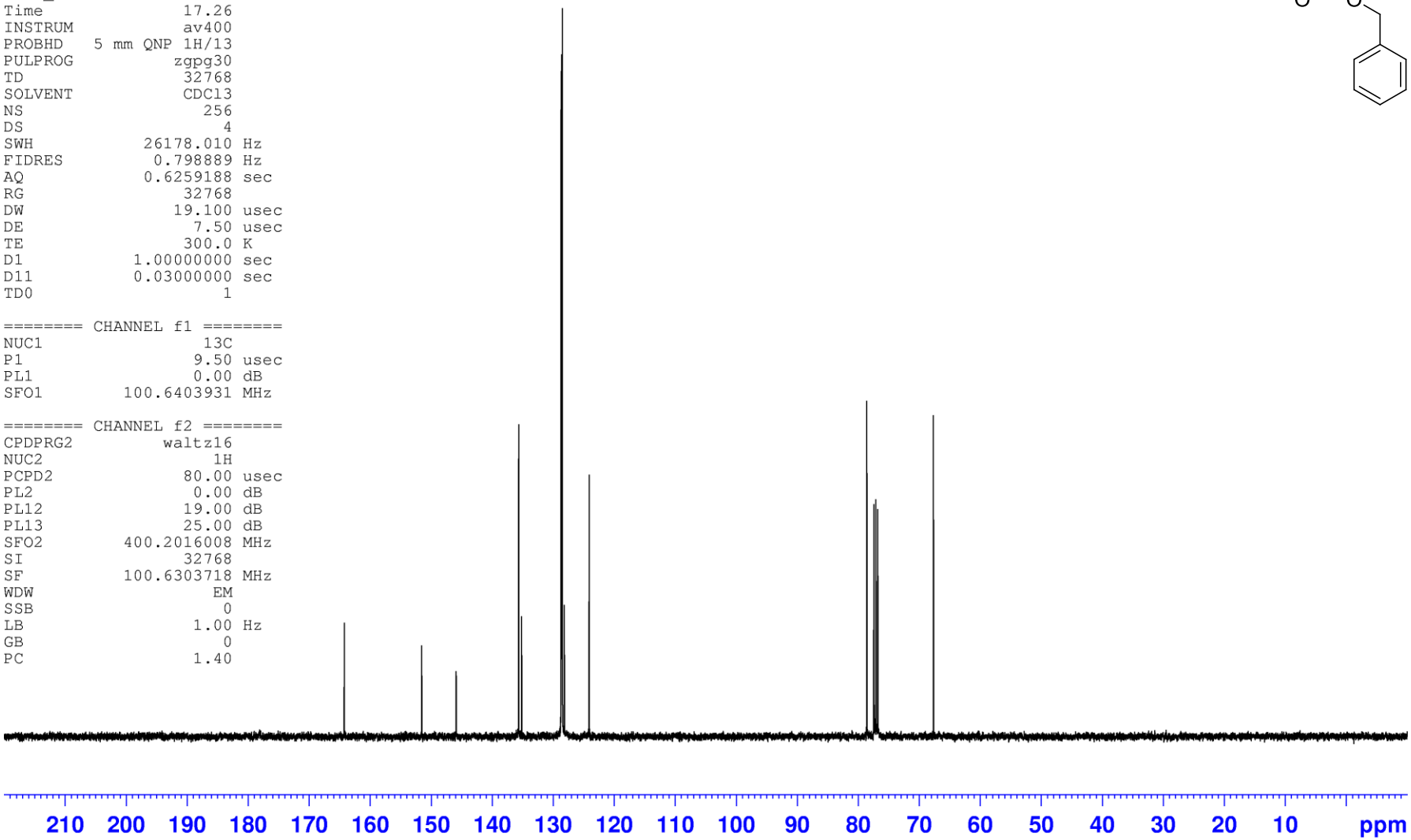




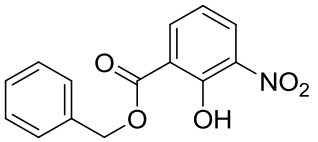
Benzyl 2-benzyloxy-3-nitrobenzoate (111)



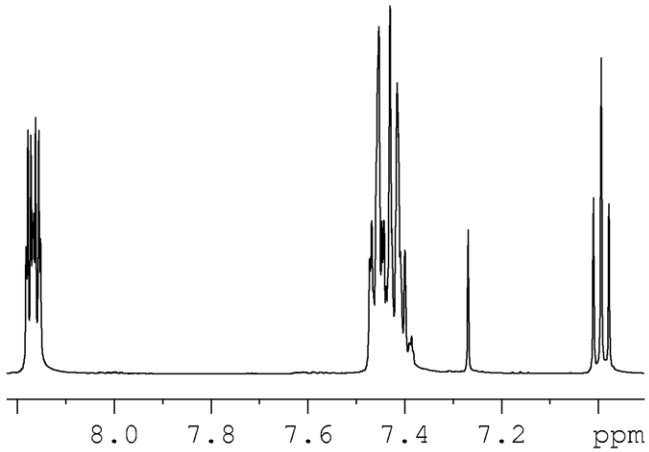

```
NAME                tr3050
EXPNO                    2
PROCNO                   1
Date_             20120805
Time                 17.26
INSTRUM              av400
PROBHD    5 mm QNP 1H/13
PULPROG             zgpg30
TD                   32768
SOLVENT              CDCl3
NS                     256
DS                       4
SWH              26178.010 Hz
FIDRES            0.798889 Hz
AQ                0.6259188 sec
RG                   32768
DW                  19.100 usec
DE                   7.50 usec
TE                  300.0 K
D1              1.00000000 sec
D11             0.03000000 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                   13C
P1                    9.50 usec
PL1                   0.00 dB
SFO1          100.6403931 MHz

======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2                80.00 usec
PL2                   0.00 dB
PL12                 19.00 dB
PL13                 25.00 dB
SFO2          400.2016008 MHz
SI                   32768
SF            100.6303718 MHz
WDW                    EM
SSB                     0
LB                    1.00 Hz
GB                      0
PC                    1.40
```

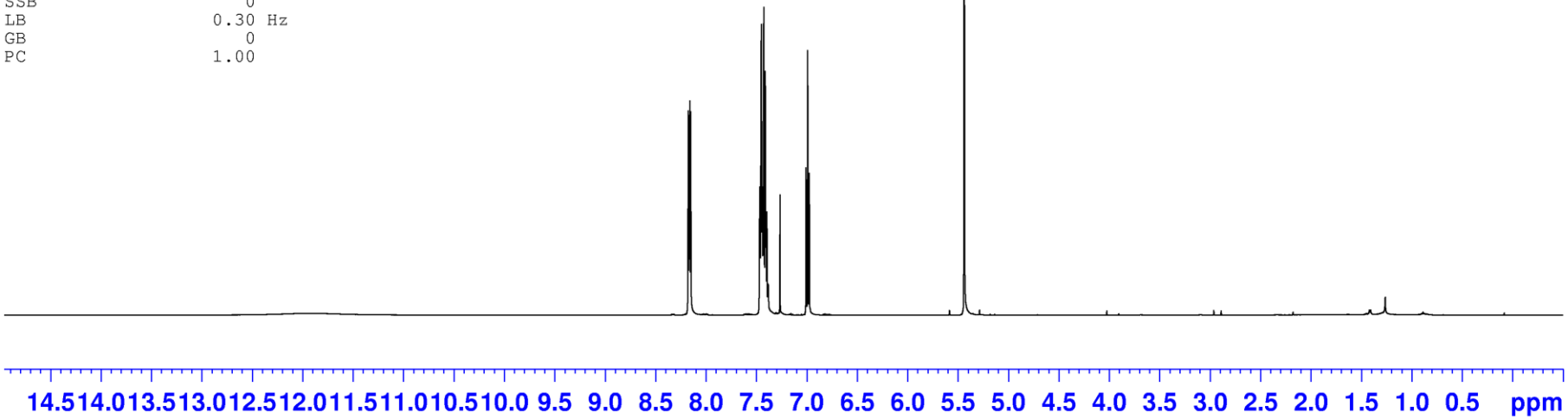


Benzyl 3-nitro-2-hydroxybenzoate (112)

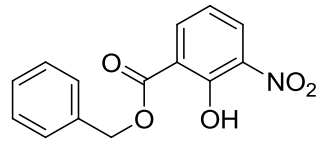


NAME	tr1072
EXPNO	1
PROCNO	1
Date_	20110709
Time	16.46
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zg30
TD	65536
SOLVENT	CDCl3
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.157632 Hz
AQ	3.1719923 sec
RG	4
DW	48.400 usec
DE	6.00 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	1H
P1	9.60 usec
PL1	-6.00 dB
PL1W	15.19999981 W
SFO1	500.3030896 MHz
SI	32768
SF	500.3000240 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



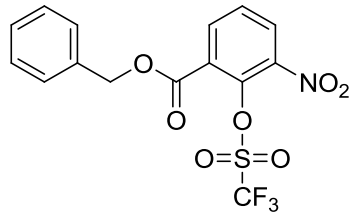


Benzyl 3-nitro-2-hydroxybenzoate (112)

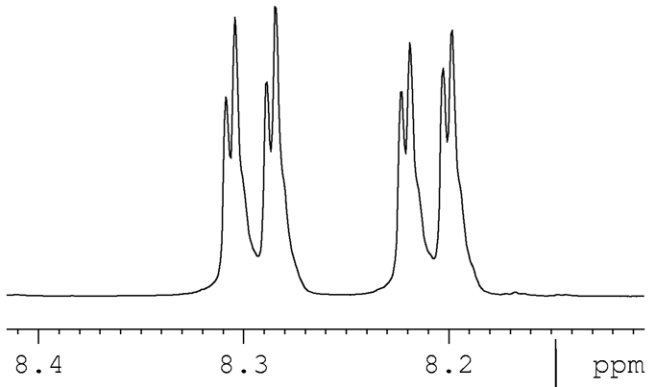


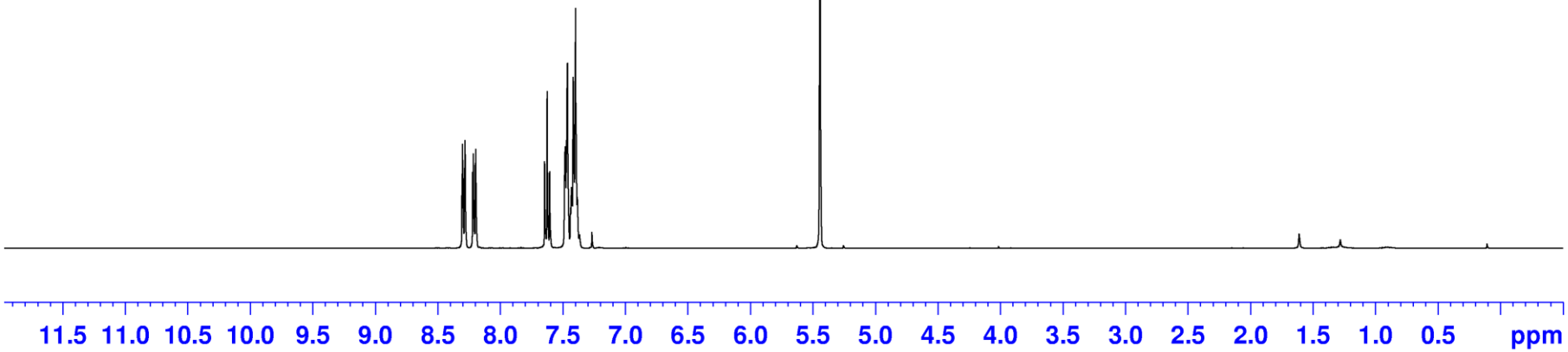

```
NAME                tr1072
EXPNO                    4
PROCNO                   1
Date_             20110709
Time                 17.30
INSTRUM             avc500
PROBHD    5 mm CPDUL 13C
PULPROG             zgpg30
TD                   65536
SOLVENT              CDCl3
NS                     512
DS                       2
SWH              31250.000 Hz
FIDRES            0.476837 Hz
AQ               1.0486259 sec
RG                    1820
DW                  16.000 usec
DE                  20.00 usec
TE                  298.0 K
D1              2.00000000 sec
D11             0.03000000 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                   13C
P1                    9.10 usec
PL1                  -4.40 dB
PL1W           28.15752029 W
SFO1           125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2                80.00 usec
PL2                  -6.00 dB
PL12                 12.42 dB
PL13                 18.42 dB
PL2W           15.19999981 W
PL12W           0.21869738 W
PL13W           0.05493430 W
SFO2           500.3020012 MHz
SI                   32768
SF             125.8005438 MHz
WDW                     EM
SSB                      0
LB                    1.00 Hz
GB                       0
PC                    1.40
```

Benzyl 3-nitro-2-{[(trifluoromethyl)sulfonyl]oxy}benzoate (113)

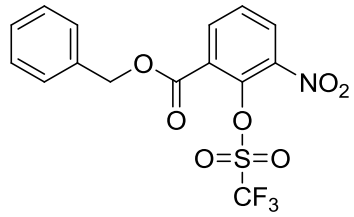



```
NAME                tr1084
EXPNO                    1
PROCNO                   1
Date_             20110705
Time                 18.34
INSTRUM              av400
PROBHD    5 mm QNP 1H/13
PULPROG              zg60
TD                  65536
SOLVENT             CDCl3
NS                     16
DS                      2
SWH               8278.146 Hz
FIDRES            0.126314 Hz
AQ                3.9584243 sec
RG                     90.5
DW                  60.400 usec
DE                   7.50 usec
TE                  300.0 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                    1H
P1                   9.00 usec
PL1                  0.00 dB
SFO1          400.2024714 MHz
SI                   32768
SF            400.2000028 MHz
WDW                     EM
SSB                      0
LB                   0.30 Hz
GB                       0
PC                   1.00
```



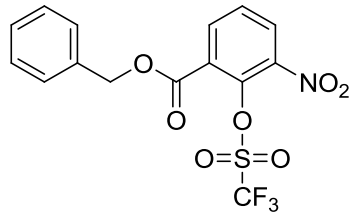


Benzyl 3-nitro-2-{[(trifluoromethyl)sulfonyl]oxy}benzoate (113)

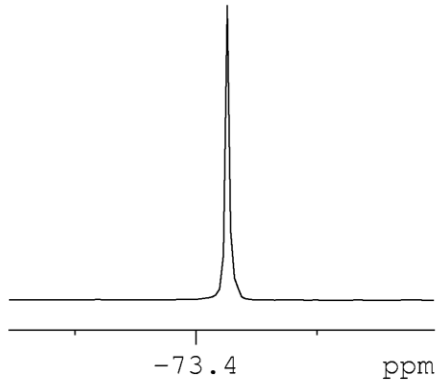


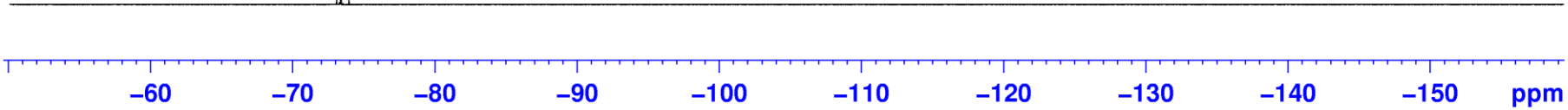

```
NAME                tr1084
EXPNO                    3
PROCNO                   1
Date_             20110705
Time                 18.44
INSTRUM              av400
PROBHD    5 mm QNP 1H/13
PULPROG             zgpg30
TD                   32768
SOLVENT              CDCl3
NS                     256
DS                       4
SWH              26178.010 Hz
FIDRES            0.798889 Hz
AQ                0.6259188 sec
RG                   32768
DW                  19.100 usec
DE                   7.50 usec
TE                  300.0 K
D1              1.00000000 sec
D11             0.03000000 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                   13C
P1                    9.50 usec
PL1                   0.00 dB
SFO1          100.6403931 MHz

======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2                80.00 usec
PL2                   0.00 dB
PL12                 19.00 dB
PL13                 25.00 dB
SFO2          400.2016008 MHz
SI                   32768
SF            100.6303718 MHz
WDW                    EM
SSB                     0
LB                    1.00 Hz
GB                      0
PC                    0.11
```

Benzyl 3-nitro-2-{[(trifluoromethyl)sulfonyl]oxy}benzoate (113)



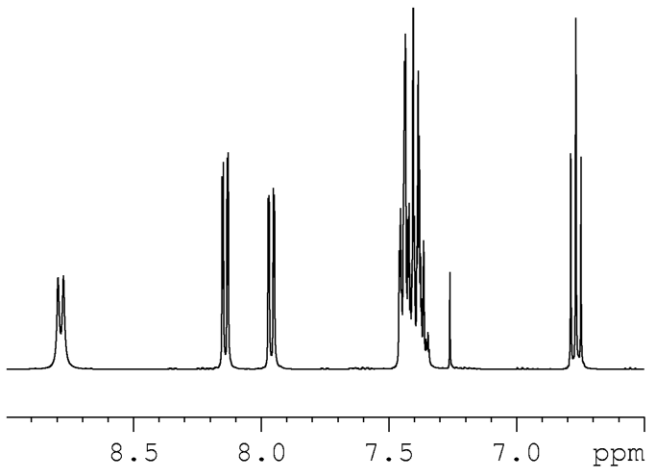
NAME	tr1084
EXPNO	2
PROCNO	1
Date_	20110705
Time	18.36
INSTRUM	av400
PROBHD	5 mm QNP 1H/13
PULPROG	zgflqn
TD	131072
SOLVENT	CDCl3
NS	16
DS	2
SWH	75187.969 Hz
FIDRES	0.573639 Hz
AQ	0.8716788 sec
RG	71.8
DW	6.650 usec
DE	9.50 usec
TE	300.0 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	19F
P1	15.75 usec
PL1	0.00 dB
SFO1	376.5077354 MHz
SI	65536
SF	376.5642200 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

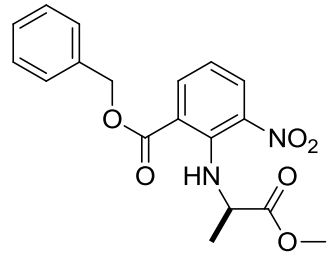


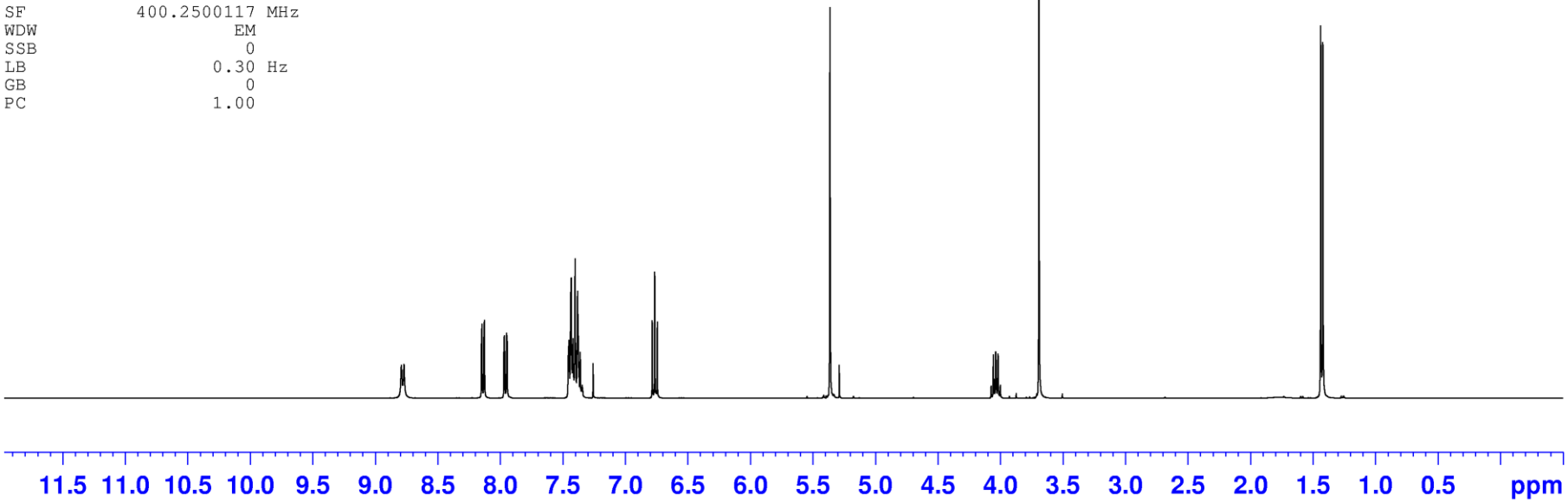


Benzyl 2-{[(2'*R*)-1'-methoxy-1'-oxopropan-2'-yl]amino}-3-nitrobenzoate [(*R*)-114]

```
NAME                tr2003
EXPNO                    1
PROCNO                   1
Date_             20130920
Time                 14.34
INSTRUM            avn400
PROBHD   5 mm PABBO BB/
PULPROG              zg60
TD                  65536
SOLVENT             CDCl3
NS                     16
DS                      2
SWH               8012.820 Hz
FIDRES            0.122266 Hz
AQ                4.0894966 sec
RG                    39.49
DW                  62.400 usec
DE                   6.50 usec
TE                  293.0 K
D1              1.00000000 sec
TD0                     1

======== CHANNEL f1 ========
SFO1           400.2524015 MHz
NUC1                   1H
P1                  12.65 usec
SI                  32768
SF             400.2500117 MHz
WDW                    EM
SSB                     0
LB                   0.30 Hz
GB                      0
PC                   1.00
```

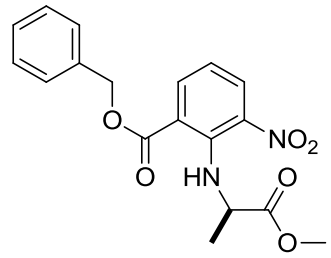




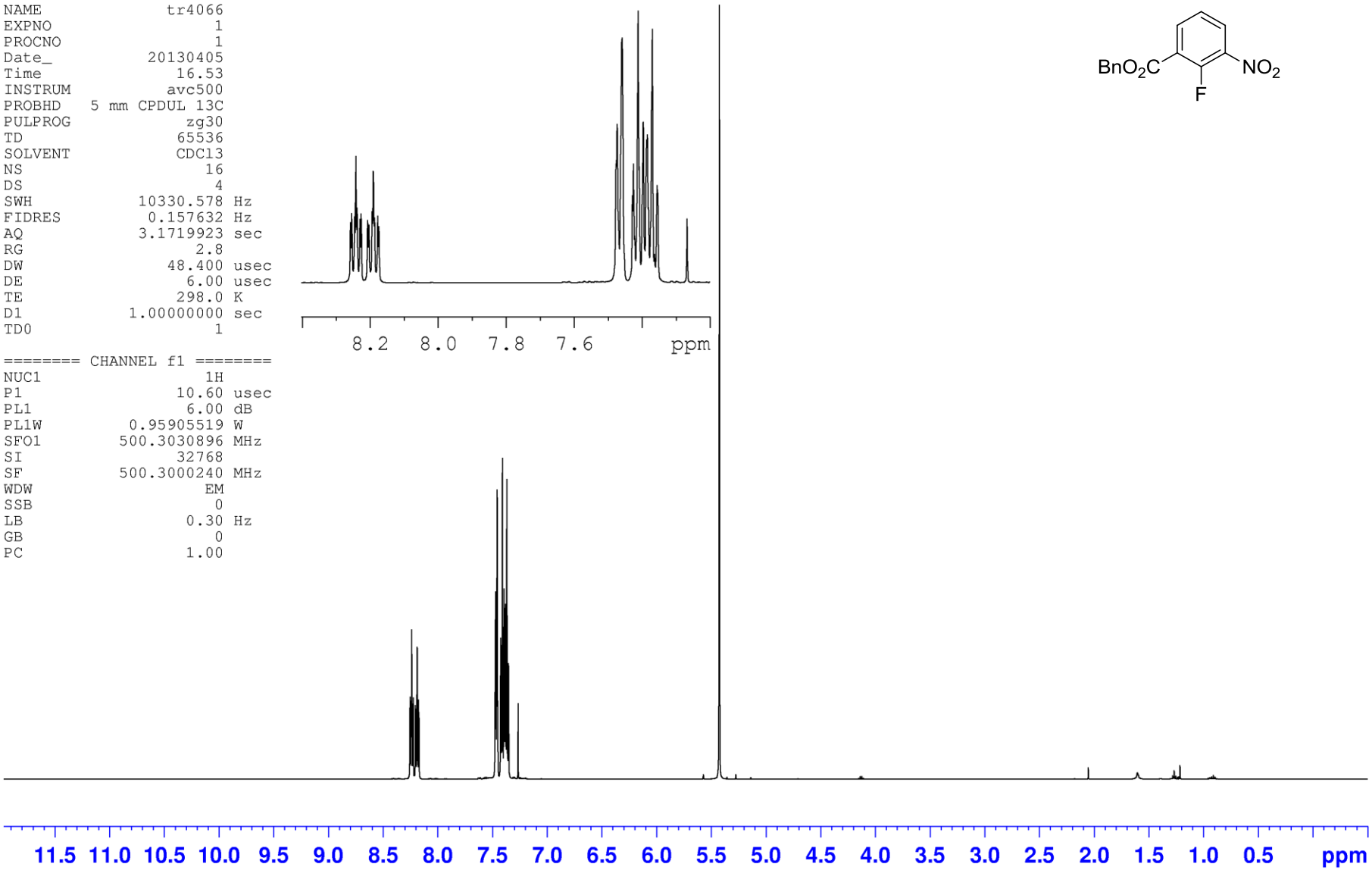


Benzyl 2-{[(2'*R*)-1'-methoxy-1'-oxopropan-2'-yl]amino}-3-nitrobenzoate [(*R*)-114]

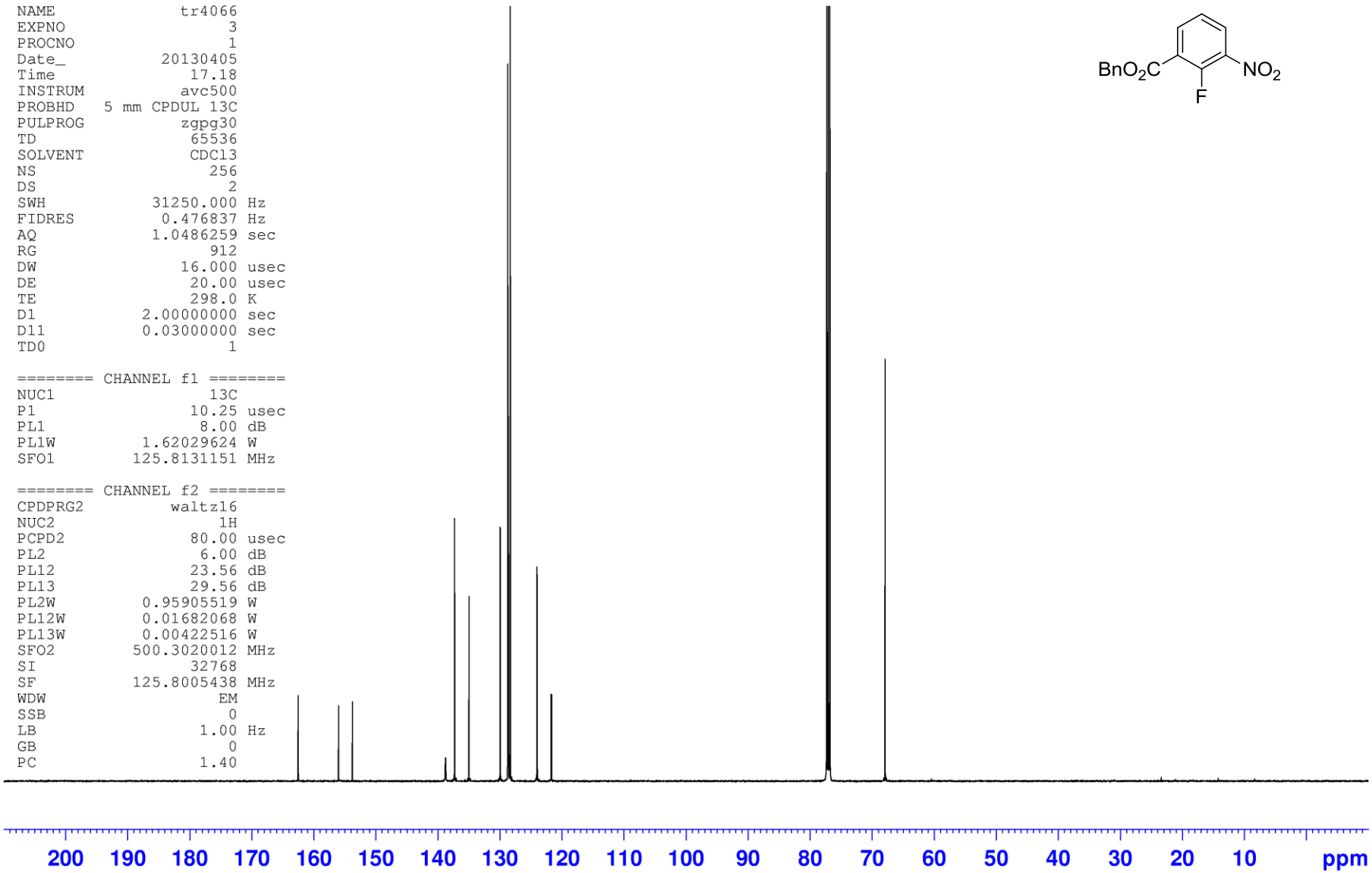
```
NAME              tr2003
EXPNO                  2
PROCNO                 1
Date_           20130920
Time               21.40
INSTRUM          avn400
PROBHD   5 mm PABBO BB/
PULPROG          zgpg30
TD                32768
SOLVENT           CDCl3
NS                  256
DS                    4
SWH           26041.666 Hz
FIDRES         0.794729 Hz
AQ            0.6291956 sec
RG               205.43
DW               19.200 usec
DE                 6.50 usec
TE                294.7 K
D1           1.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
SFO1        100.6530073 MHz
NUC1                13C
P1                 9.00 usec
SI                32768
SF          100.6429430 MHz
WDW                  EM
SSB                   0
LB                 1.00 Hz
GB                    0
PC                 1.40
```



Benzyl 2-fluoro-3-nitrobenzoate (116)

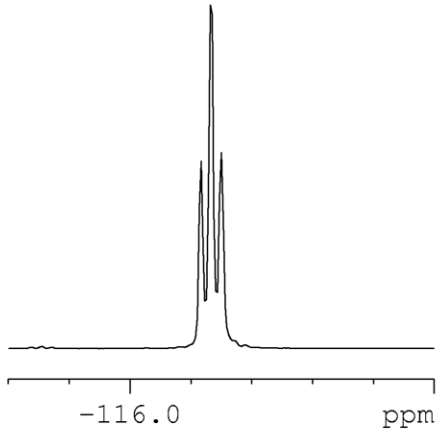


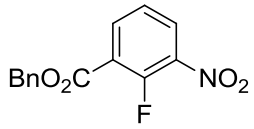
Benzyl 2-fluoro-3-nitrobenzoate (116)



Benzyl 2-fluoro-3-nitrobenzoate (116)

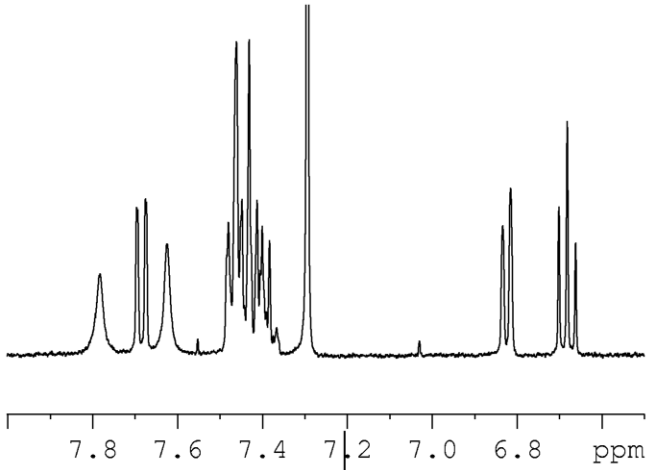
```
NAME      FULL-tr4066-extra
EXPNO                    25
PROCNO                    1
Date_              20130404
Time                  10.17
INSTRUM              avn400
PROBHD    5 mm PABBO BB/
PULPROG              zgflqn
TD                   131072
SOLVENT               CDCl3
NS                       16
DS                        4
SWH               75000.000 Hz
FIDRES                0.572205 Hz
AQ                 0.8738633 sec
RG                    205.43
DW                     6.667 usec
DE                      6.50 usec
TE                     296.0 K
D1                1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
SFO1            376.5547873 MHz
NUC1                    19F
P1                     13.50 usec
SI                     65536
SF              376.6112790 MHz
WDW                       EM
SSB                        0
LB                      0.30 Hz
GB                         0
PC                      1.00
```

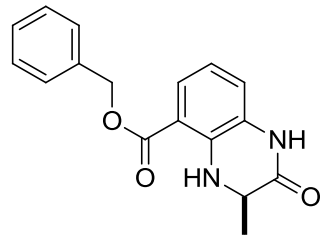


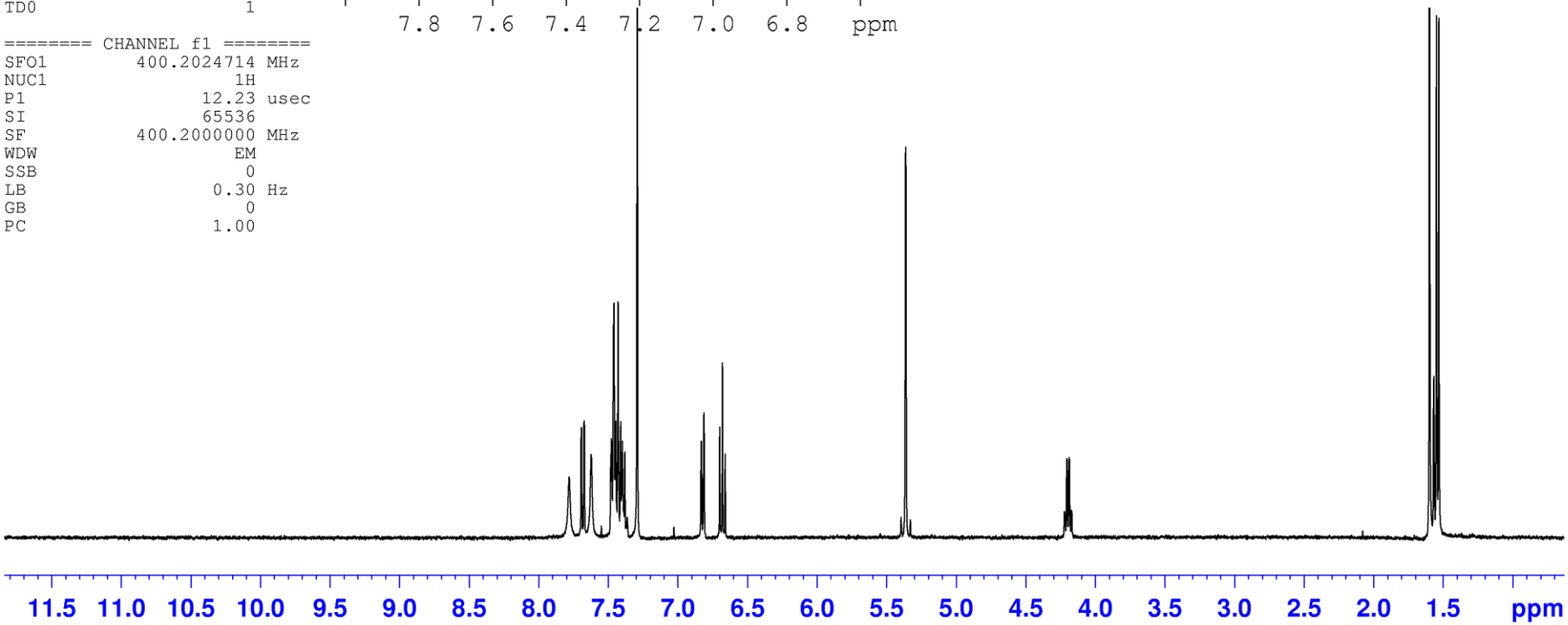


Benzyl (3*R*)-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate [(*R*)-117]

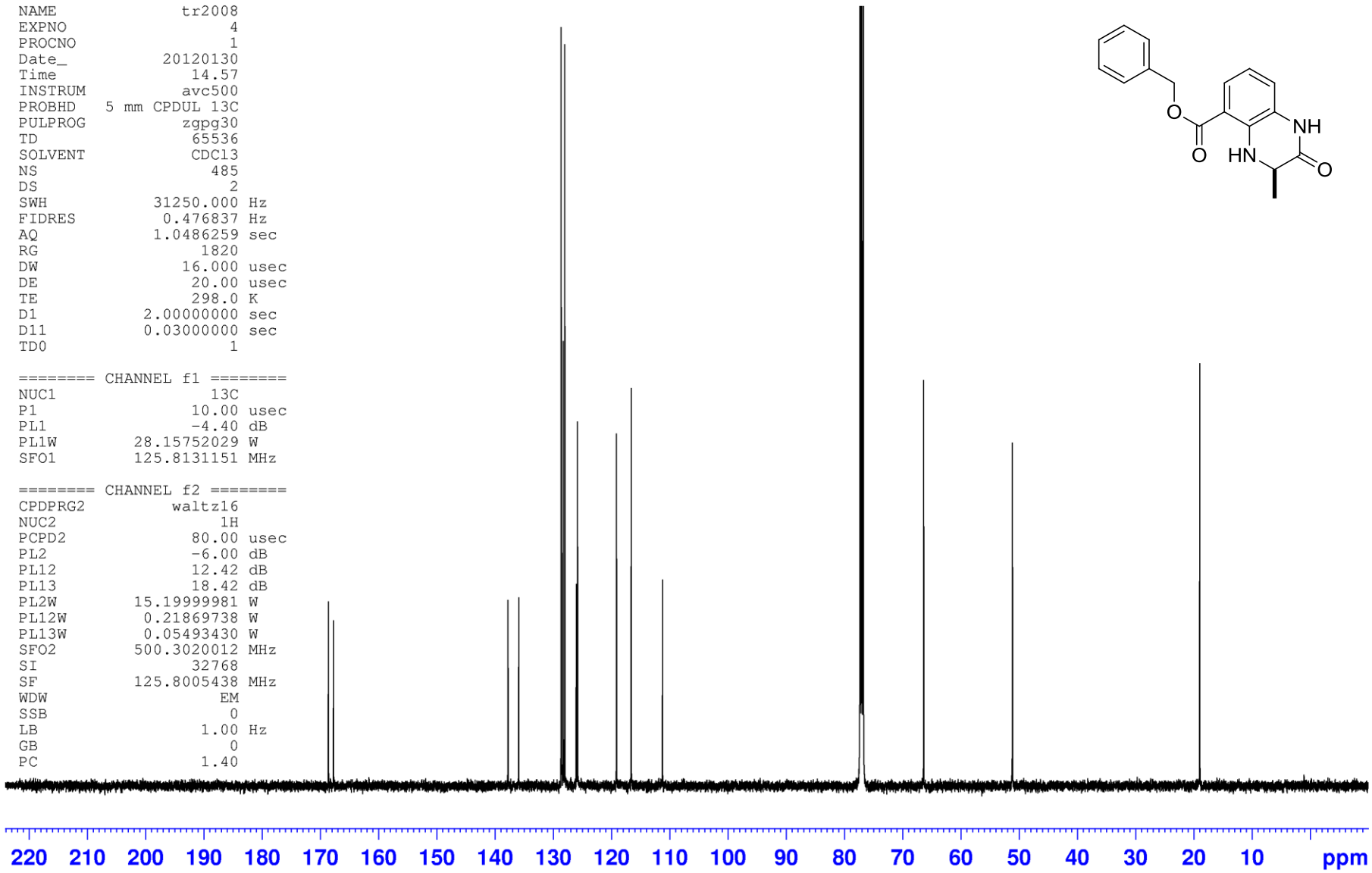
```
NAME                tr2008
EXPNO                    1
PROCNO                   1
Date_             20130930
Time                 20.44
INSTRUM             avg400
PROBHD   5 mm QNP 1H/13
PULPROG                zg30
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        2
SWH              10000.000 Hz
FIDRES               0.152588 Hz
AQ                3.2768500 sec
RG                     1030
DW                   50.000 usec
DE                    6.50 usec
TE                   294.6 K
D1              1.00000000 sec
TD0                      1

======== CHANNEL f1 ========
SFO1           400.2024714 MHz
NUC1                    1H
P1                   12.23 usec
SI                    65536
SF             400.2000000 MHz
WDW                     EM
SSB                      0
LB                    0.30 Hz
GB                       0
PC                    1.00
```





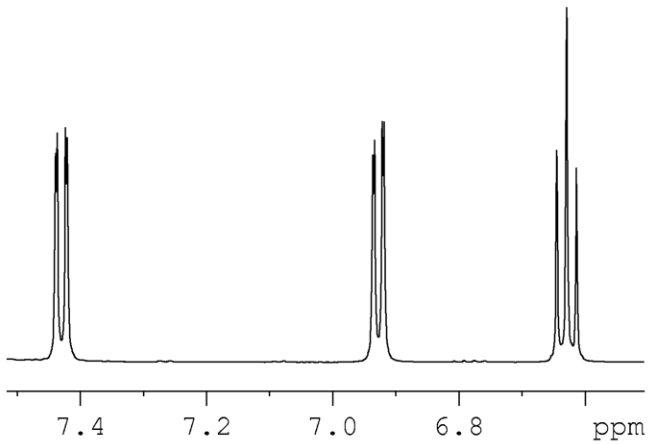


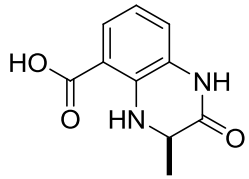
Benzyl (3*R*)-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate [(*R*)-117]



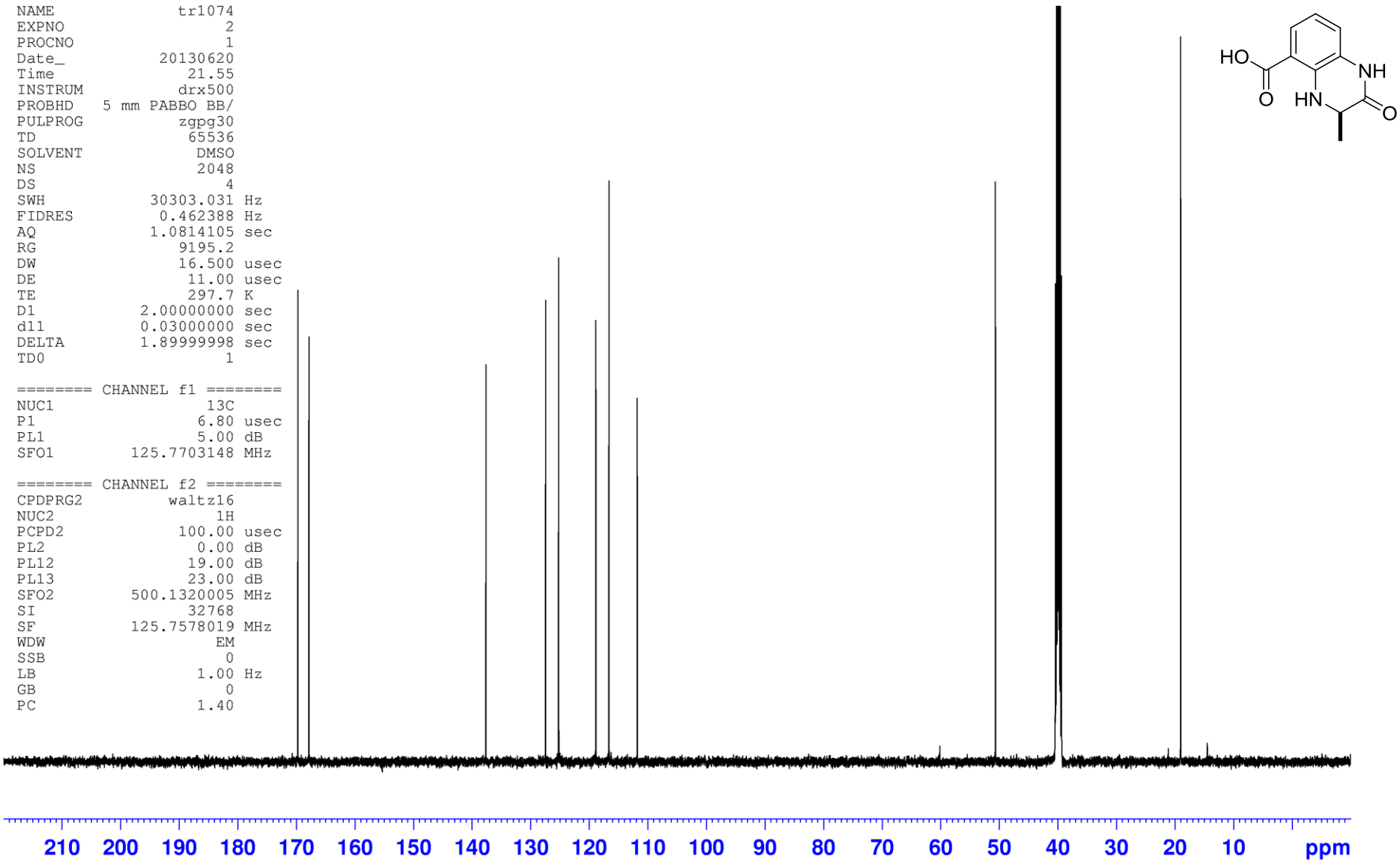
(*R*)-3-Methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylic acid [(*R*)-94]

```
NAME                tr1074
EXPNO                    1
PROCNO                   1
Date_             20130620
Time                 20.06
INSTRUM              drx500
PROBHD   5 mm PABBO BB/
PULPROG                zg60
TD                    65536
SOLVENT                DMSO
NS                       16
DS                        2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ                3.1720407 sec
RG                    101.6
DW                   48.400 usec
DE                   17.00 usec
TE                   297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                     1H
P1                    11.00 usec
PL1                    0.00 dB
SFO1           500.1325007 MHz
SI                    32768
SF             500.1300000 MHz
WDW                      EM
SSB                       0
LB                     0.30 Hz
GB                        0
PC                     1.00
```

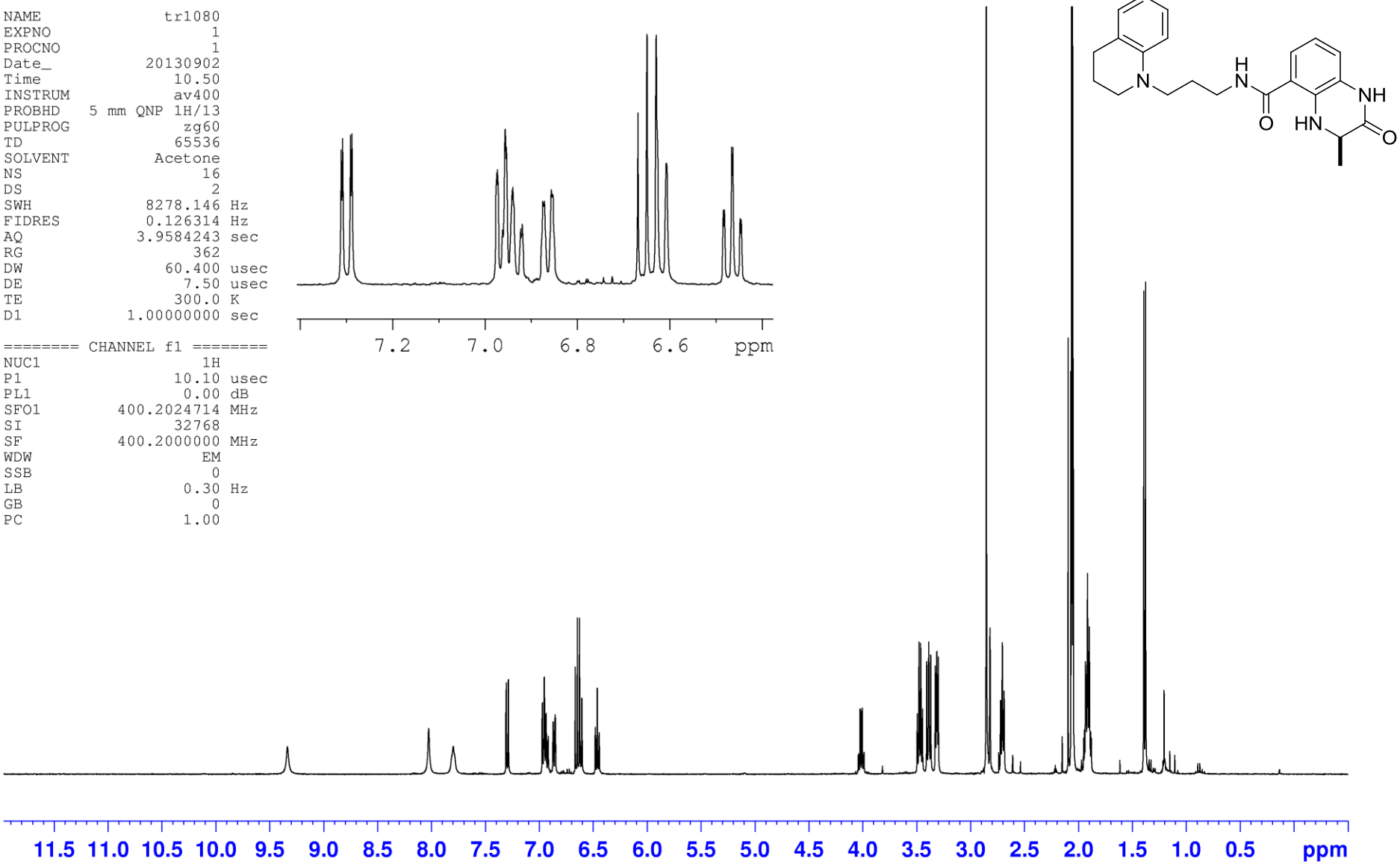




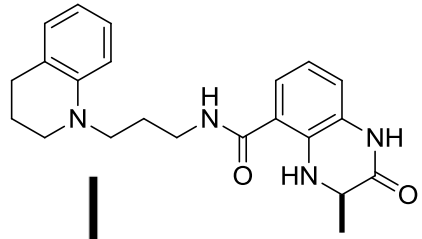
(*R*)-3-Methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylic acid [(*R*)-94]



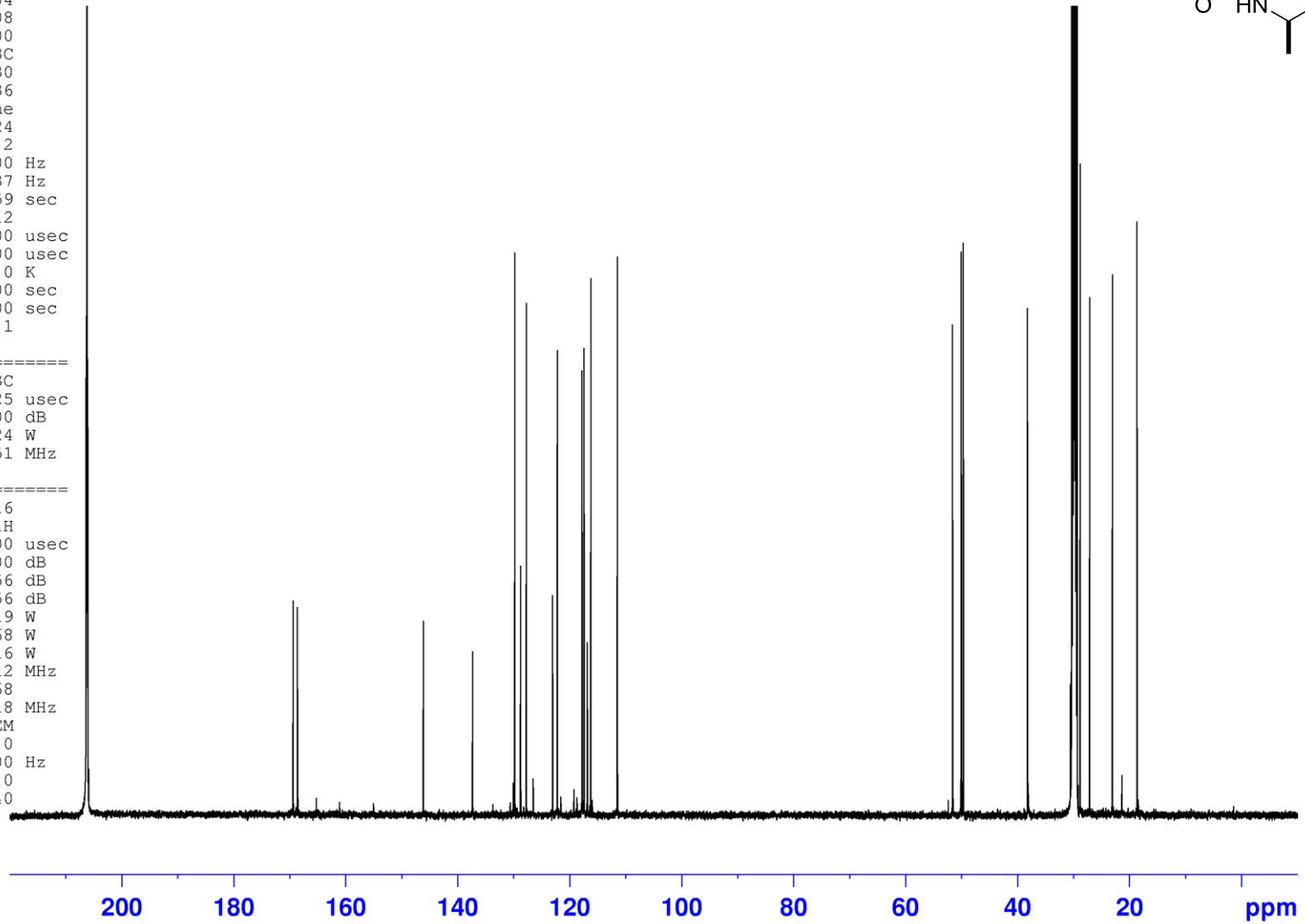
(3*R*)-*N*-[3-(3,4-Dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-119]



(3*R*)-*N*-[3-(3,4-Dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-119]

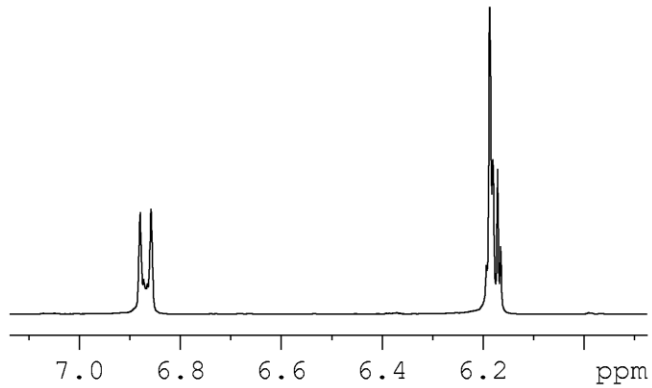


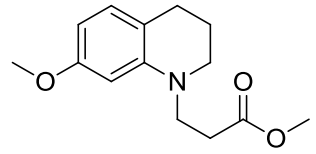
NAME	tr1080	
EXPNO	4	
PROCNO	1	
Date_	20130904	
Time	16.08	
INSTRUM	avc500	
PROBHD	5 mm CPDUL 13C	
PULPROG	zgpg30	
TD	65536	
SOLVENT	Acetone	
NS	1024	
DS	2	
SWH	31250.000	Hz
FIDRES	0.476837	Hz
AQ	1.0486259	sec
RG	912	
DW	16.000	usec
DE	20.00	usec
TE	298.0	K
D1	2.00000000	sec
D11	0.03000000	sec
TD0	1	
======== CHANNEL f1 ========		
NUC1	13C	
P1	10.25	usec
PL1	8.00	dB
PL1W	1.62029624	W
SFO1	125.8131151	MHz
======== CHANNEL f2 ========		
CPDPRG2	waltz16	
NUC2	1H	
PCPD2	80.00	usec
PL2	6.00	dB
PL12	23.56	dB
PL13	29.56	dB
PL2W	0.95905519	W
PL12W	0.01682068	W
PL13W	0.00422516	W
SFO2	500.3020012	MHz
SI	32768	
SF	125.8004218	MHz
WDW	EM	
SSB	0	
LB	1.00	Hz
GB	0	
PC	1.40	



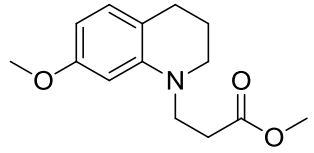
Methyl 3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propanoate (138)

```
NAME                tr2070
EXPNO                    1
PROCNO                   1
Date_             20121025
Time                 5.19
INSTRUM              av400
PROBHD   5 mm QNP 1H/13
PULPROG               zg60
TD                   65536
SOLVENT              CDCl3
NS                      16
DS                       2
SWH               8278.146 Hz
FIDRES            0.126314 Hz
AQ               3.9584243 sec
RG                    35.9
DW                  60.400 usec
DE                    7.50 usec
TE                   300.0 K
D1             1.00000000 sec

======== CHANNEL f1 ========
NUC1                    1H
P1                   10.10 usec
PL1                   0.00 dB
SFO1          400.2024714 MHz
SI                   32768
SF            400.2000028 MHz
WDW                     EM
SSB                      0
LB                    0.30 Hz
GB                       0
PC                    1.00
```

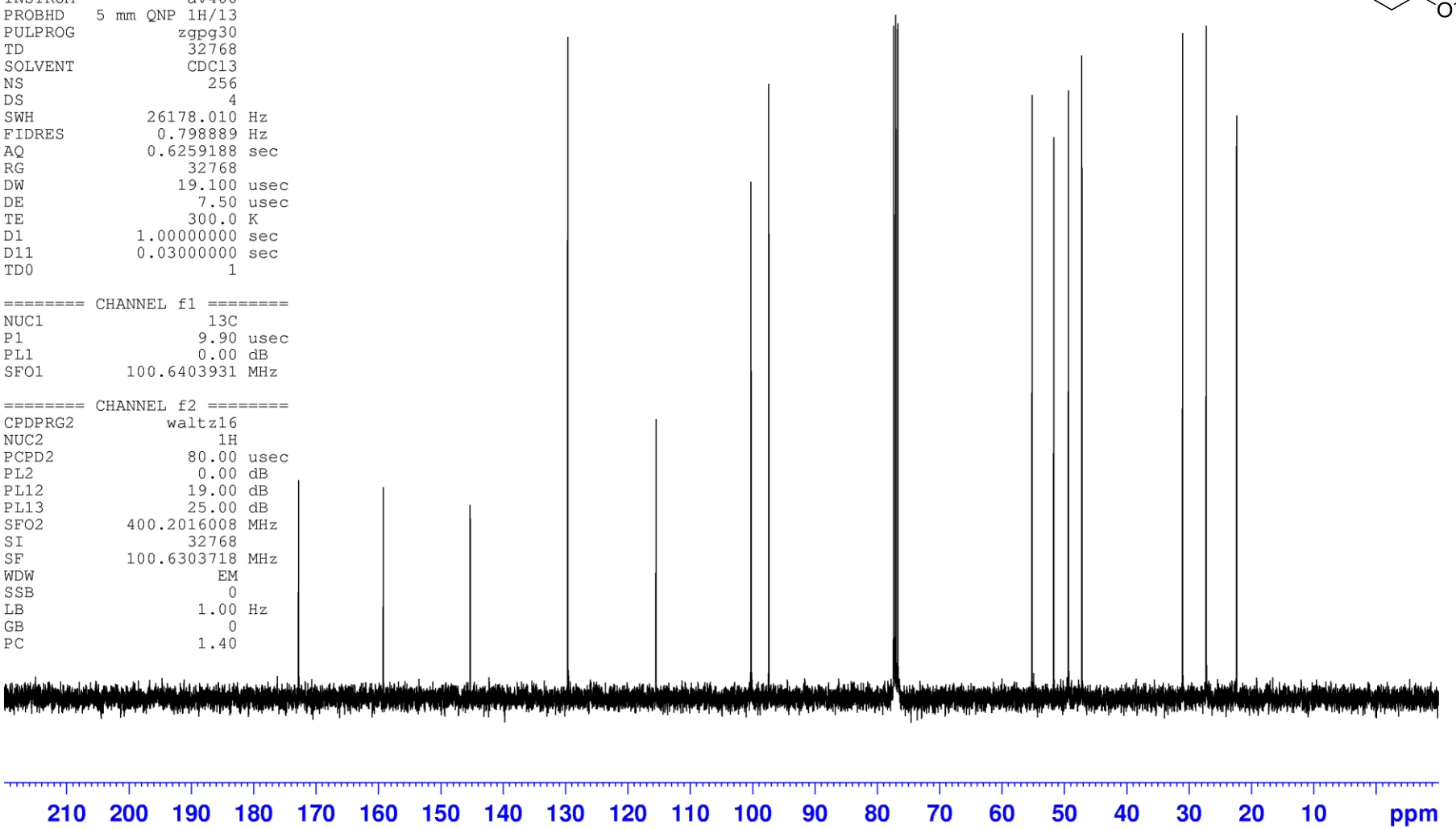




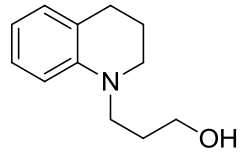
Methyl 3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propanoate (138)



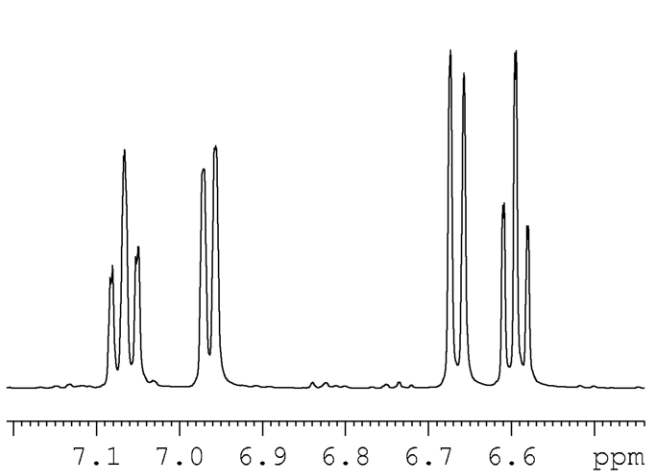

```
NAME                tr2070
EXPNO                    2
PROCNO                   1
Date_             20121025
Time                 5.27
INSTRUM              av400
PROBHD    5 mm QNP 1H/13
PULPROG             zgpg30
TD                   32768
SOLVENT              CDCl3
NS                     256
DS                       4
SWH              26178.010 Hz
FIDRES            0.798889 Hz
AQ                0.6259188 sec
RG                   32768
DW                  19.100 usec
DE                   7.50 usec
TE                  300.0 K
D1              1.00000000 sec
D11             0.03000000 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                   13C
P1                    9.90 usec
PL1                   0.00 dB
SFO1          100.6403931 MHz

======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2                80.00 usec
PL2                   0.00 dB
PL12                 19.00 dB
PL13                 25.00 dB
SFO2          400.2016008 MHz
SI                   32768
SF            100.6303718 MHz
WDW                    EM
SSB                     0
LB                    1.00 Hz
GB                      0
PC                    1.40
```



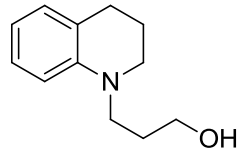
3-(3,4-Dihydroquinolin-1(2*H*)-yl)propan-1-ol (140)



NAME	tr2040
EXPNO	1
PROCNO	1
Date_	20120105
Time	7.07
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zg30
TD	65536
SOLVENT	CDCl3
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.157632 Hz
AQ	3.1719923 sec
RG	4
DW	48.400 usec
DE	6.00 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	1H
P1	9.60 usec
PL1	-6.00 dB
PL1W	15.19999981 W
SFO1	500.3030896 MHz
SI	32768
SF	500.3000240 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

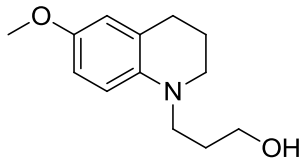


3-(3,4-Dihydroquinolin-1(2*H*)-yl)propan-1-ol (140)

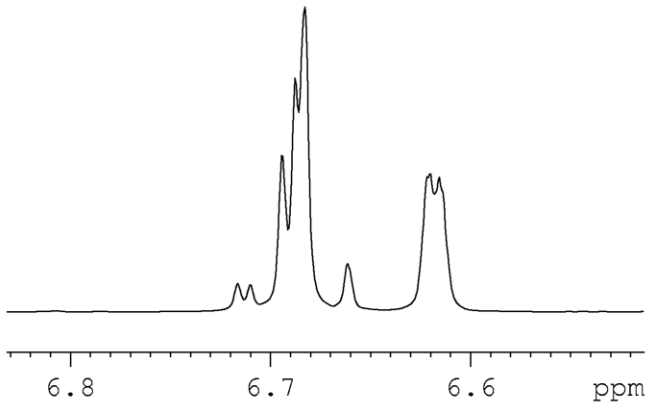



```
NAME              tr2040
EXPNO                  4
PROCNO                 1
Date_           20120105
Time               7.55
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG          zgpg30
TD                65536
SOLVENT           CDCl3
NS                  512
DS                    2
SWH           31250.000 Hz
FIDRES         0.476837 Hz
AQ            1.0486259 sec
RG                 1820
DW               16.000 usec
DE                20.00 usec
TE                298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 13C
P1                 10.00 usec
PL1                -4.40 dB
PL1W        28.15752029 W
SFO1        125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2          waltz16
NUC2                 1H
PCPD2              80.00 usec
PL2                -6.00 dB
PL12               12.42 dB
PL13               18.42 dB
PL2W        15.19999981 W
PL12W        0.21869738 W
PL13W        0.05493430 W
SFO2        500.3020012 MHz
SI                32768
SF          125.8005438 MHz
WDW                  EM
SSB                   0
LB                 1.00 Hz
GB                    0
PC                 1.40
```

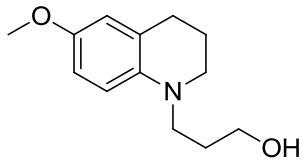
3-(6-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-ol (141)



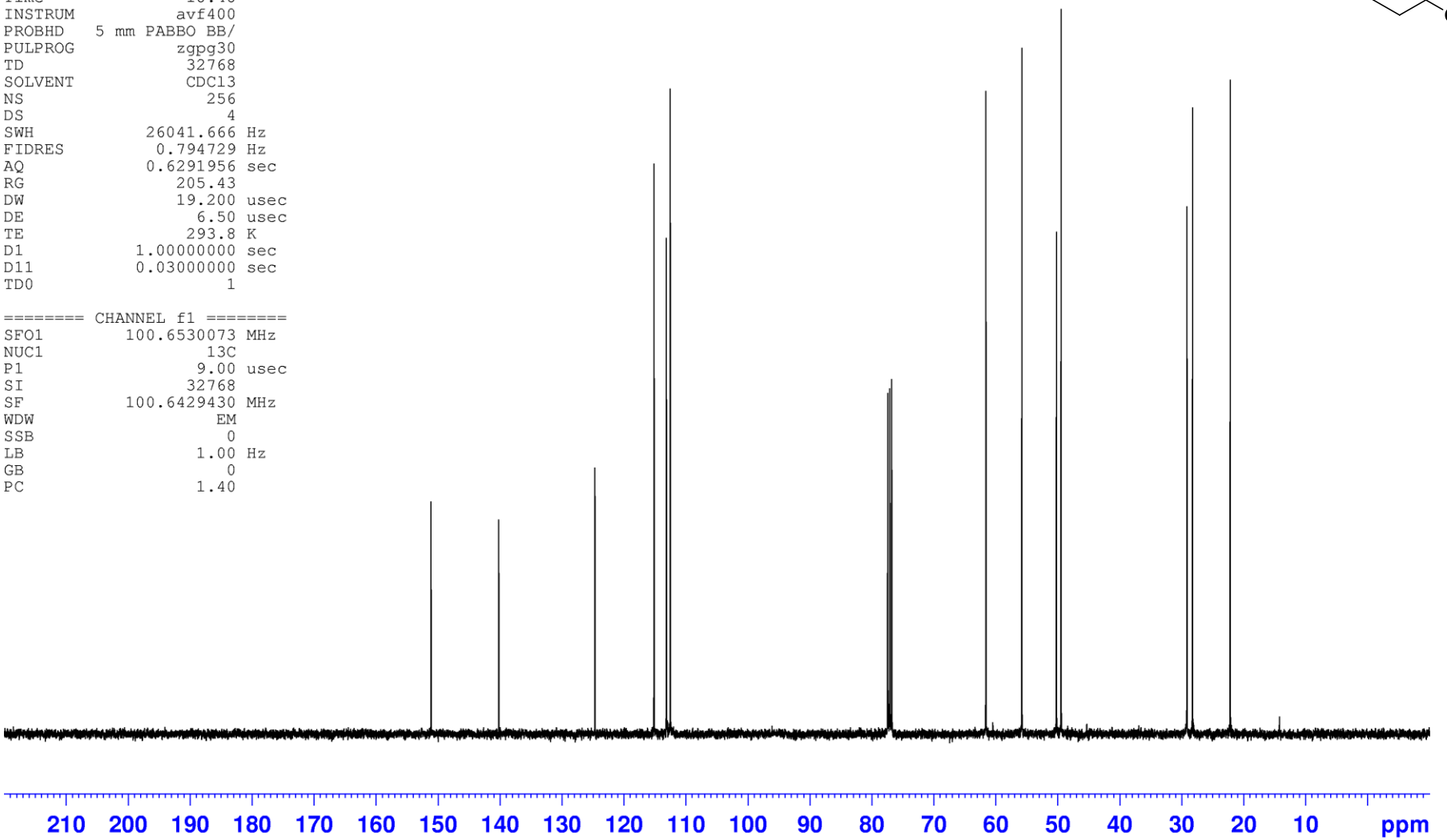
NAME	tr2074
EXPNO	1
PROCNO	1
Date_	20131010
Time	13.01
INSTRUM	avf400
PROBHD	5 mm PABBO BB/
PULPROG	zg60
TD	65536
SOLVENT	CDCl3
NS	16
DS	2
SWH	8012.820 Hz
FIDRES	0.122266 Hz
AQ	4.0894966 sec
RG	20.19
DW	62.400 usec
DE	6.50 usec
TE	292.5 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
SFO1	400.2524015 MHz
NUC1	1H
P1	12.65 usec
SI	32768
SF	400.2500000 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



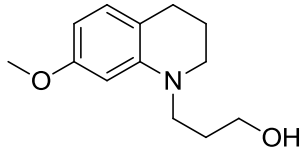
3-(6-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-ol (141)



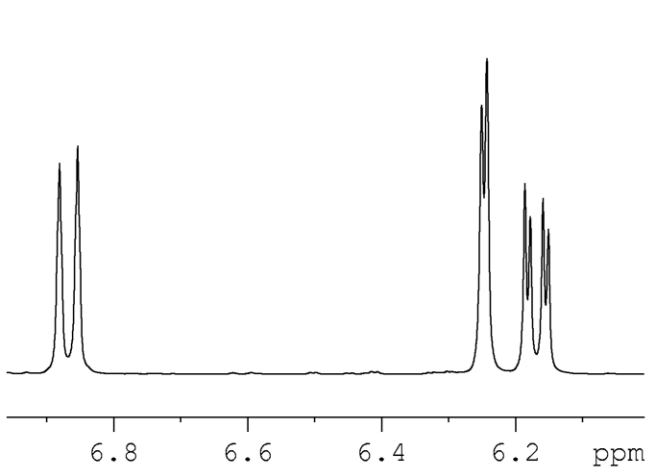

```
NAME                tr2074
EXPNO                    2
PROCNO                   1
Date_             20131010
Time                 18.48
INSTRUM              avf400
PROBHD    5 mm PABBO BB/
PULPROG              zgpg30
TD                    32768
SOLVENT               CDCl3
NS                      256
DS                        4
SWH              26041.666 Hz
FIDRES            0.794729 Hz
AQ               0.6291956 sec
RG                   205.43
DW                   19.200 usec
DE                     6.50 usec
TE                    293.8 K
D1              1.00000000 sec
D11             0.03000000 sec
TD0                       1

======== CHANNEL f1 ========
SFO1           100.6530073 MHz
NUC1                   13C
P1                    9.00 usec
SI                   32768
SF             100.6429430 MHz
WDW                     EM
SSB                      0
LB                    1.00 Hz
GB                       0
PC                    1.40
```



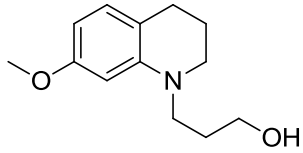
3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-ol (142)



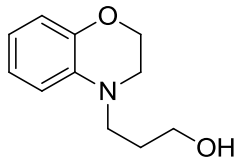

```
NAME                tr2075
EXPNO                    1
PROCNO                   1
Date_             20120917
Time                 9.50
INSTRUM           DPX300
PROBHD   5 mm DUL 13C-1
PULPROG               zg60
TD                   32768
SOLVENT              CDCl3
NS                      16
DS                       2
SWH               4789.272 Hz
FIDRES            0.146157 Hz
AQ                3.4210291 sec
RG                     80.6
DW                  104.400 usec
DE                    6.00 usec
TE                   300.0 K
D1              1.00000000 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                    1H
P1                   16.50 usec
PL1                  -6.00 dB
SFO1          300.1315007 MHz
SI                   32768
SF            300.1300029 MHz
WDW                     EM
SSB                      0
LB                    0.30 Hz
GB                       0
PC                    1.00
```



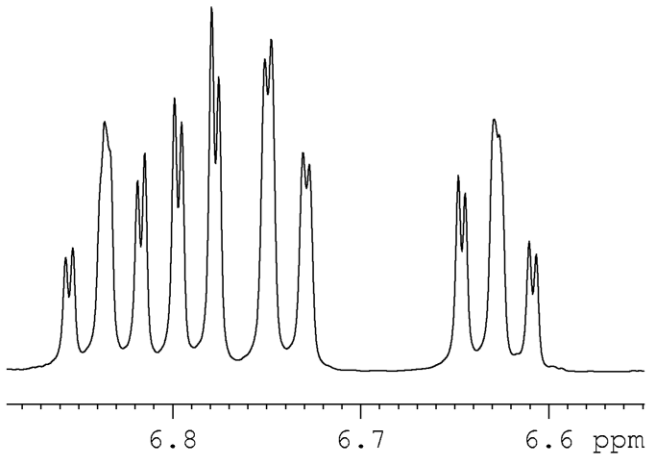
3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-ol (142)

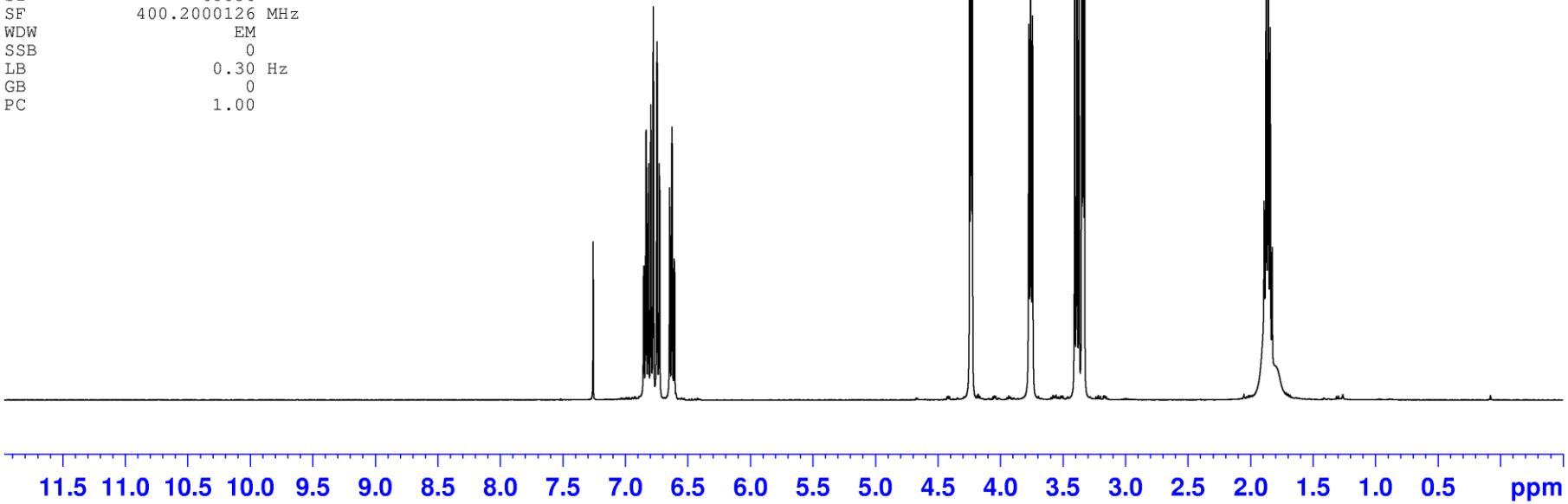


3-(2,3-Dihydro-4*H*-1,4-benzoxazin-4-yl)propan-1-ol (143)

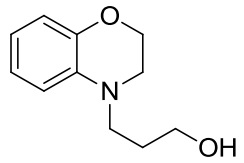



```
NAME                tr2076
EXPNO                    1
PROCNO                   1
Date_             20131010
Time                 10.51
INSTRUM             avg400
PROBHD   5 mm QNP 1H/13
PULPROG                zg30
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        2
SWH              10000.000 Hz
FIDRES               0.152588 Hz
AQ                3.2768500 sec
RG                   166.74
DW                   50.000 usec
DE                     6.50 usec
TE                    294.5 K
D1              1.00000000 sec
TD0                      1

======== CHANNEL f1 ========
SFO1           400.2024714 MHz
NUC1                    1H
P1                   12.23 usec
SI                    65536
SF             400.2000126 MHz
WDW                     EM
SSB                      0
LB                    0.30 Hz
GB                       0
PC                    1.00
```



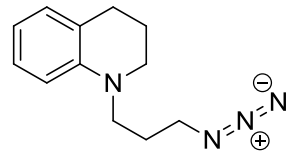


3-(2,3-Dihydro-4*H*-1,4-benzoxazin-4-yl)propan-1-ol (143)

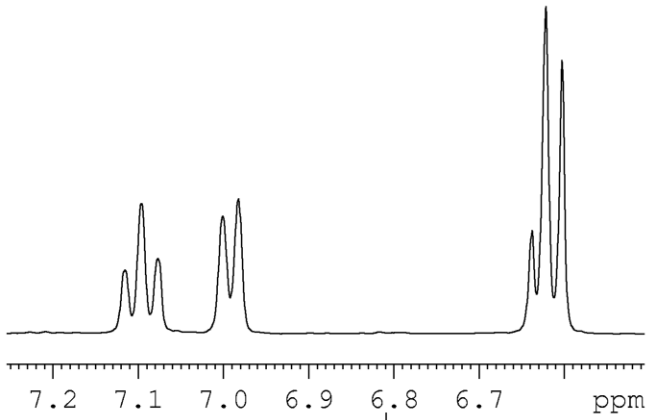


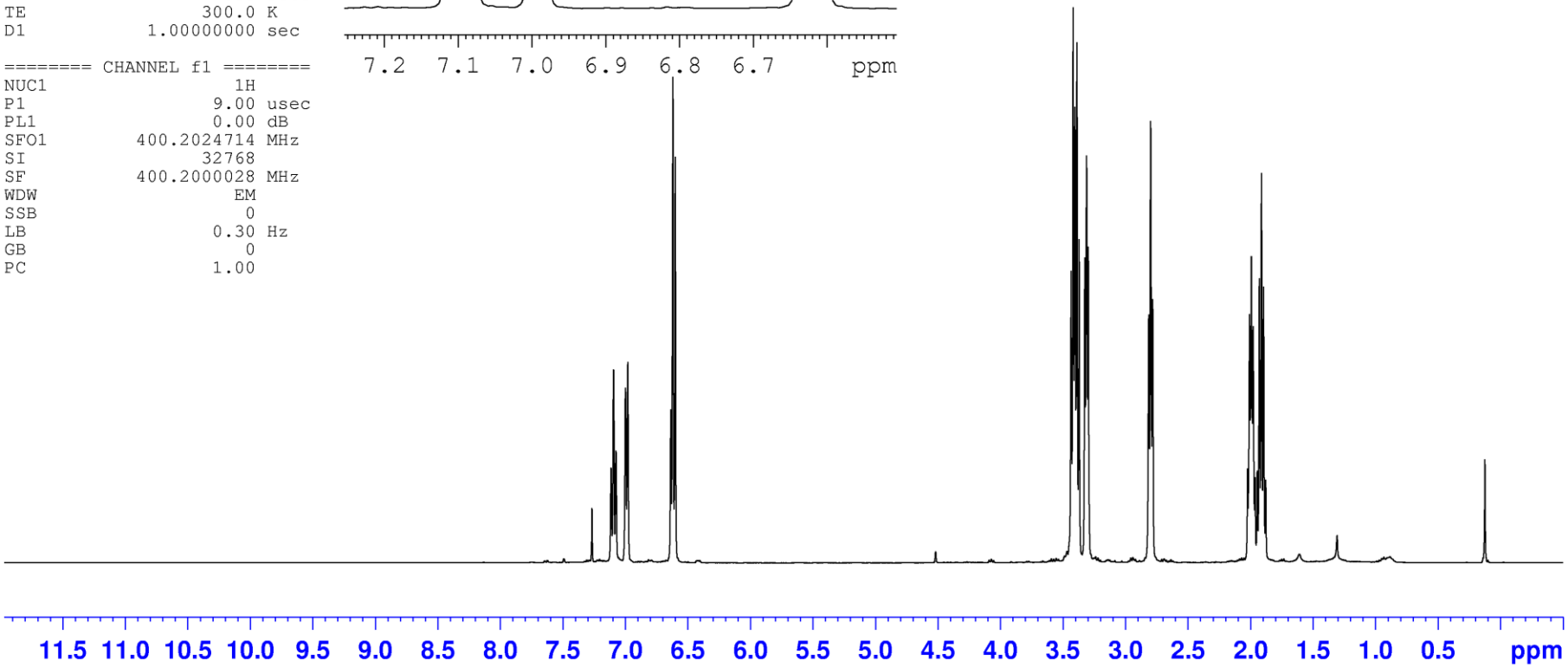

```
NAME                tr2076
EXPNO                    3
PROCNO                   1
Date_             20131011
Time                 2.22
INSTRUM             avb400
PROBHD    5 mm PABBO BB/
PULPROG             zgpg30
TD                   65536
SOLVENT              CDCl3
NS                    1024
DS                       4
SWH              24038.461 Hz
FIDRES            0.366798 Hz
AQ                1.3631988 sec
RG                   197.74
DW                   20.800 usec
DE                     6.50 usec
TE                    298.0 K
D1              2.00000000 sec
D11             0.03000000 sec
TD0                      1

======== CHANNEL f1 ========
SFO1           100.6228303 MHz
NUC1                   13C
P1                   10.00 usec
SI                   32768
SF             100.6127690 MHz
WDW                     EM
SSB                      0
LB                    1.00 Hz
GB                       0
PC                    1.40
```

1-(3-Azidopropyl)-1,2,3,4-tetrahydroquinoline (148)

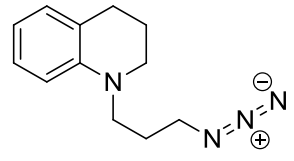


NAME	tr2058
EXPNO	1
PROCNO	1
Date_	20120406
Time	0.35
INSTRUM	av400
PROBHD	5 mm QNP 1H/13
PULPROG	zg60
TD	65536
SOLVENT	CDCl3
NS	16
DS	2
SWH	8278.146 Hz
FIDRES	0.126314 Hz
AQ	3.9584243 sec
RG	35.9
DW	60.400 usec
DE	7.50 usec
TE	300.0 K
D1	1.00000000 sec
======== CHANNEL f1 ========	
NUC1	1H
P1	9.00 usec
PL1	0.00 dB
SFO1	400.2024714 MHz
SI	32768
SF	400.2000028 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

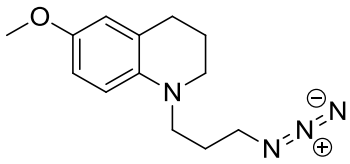




1-(3-Azidopropyl)-1,2,3,4-tetrahydroquinoline (148)

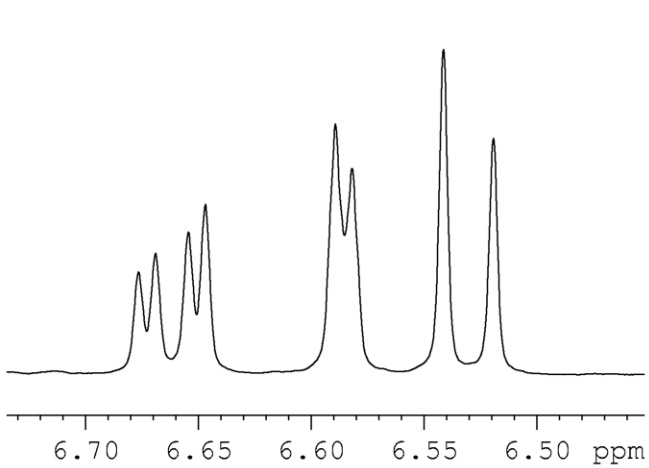


1-(3-Azidopropyl)-6-methoxy-1,2,3,4-tetrahydroquinoline (149)

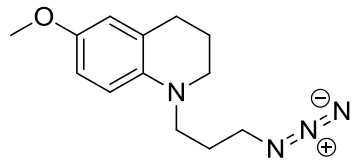


NAME	tr2089
EXPNO	1
PROCNO	1
Date_	20131010
Time	12.12
INSTRUM	avg400
PROBHD	5 mm QNP 1H/13
PULPROG	zg30
TD	65536
SOLVENT	CDCl3
NS	16
DS	2
SWH	10000.000 Hz
FIDRES	0.152588 Hz
AQ	3.2768500 sec
RG	279.35
DW	50.000 usec
DE	6.50 usec
TE	294.5 K
D1	1.00000000 sec
TD0	1

======== CHANNEL f1 ========	
SFO1	400.2024714 MHz
NUC1	1H
P1	12.23 usec
SI	65536
SF	400.2000127 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

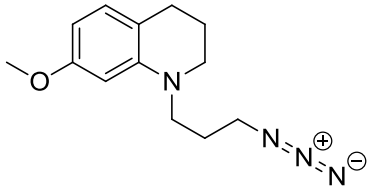


1-(3-Azidopropyl)-6-methoxy-1,2,3,4-tetrahydroquinoline (149)

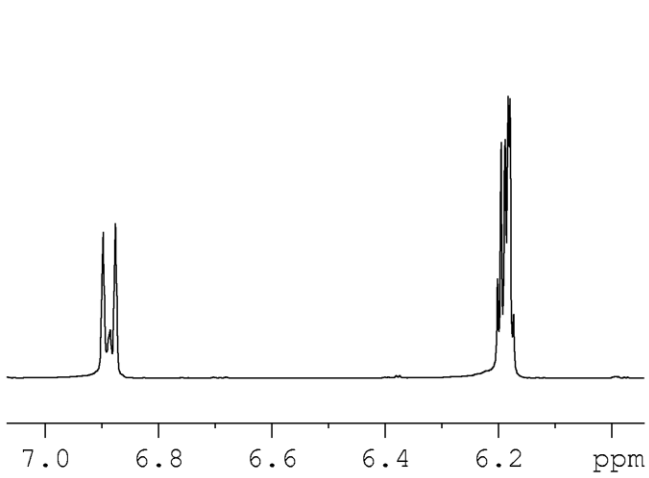


```
NAME              tr2089
EXPNO                  3
PROCNO                 1
Date_           20131010
Time               23.58
INSTRUM          avb400
PROBHD   5 mm PABBO BB/
PULPROG          zgpg30
TD                65536
SOLVENT           CDCl3
NS                 2048
DS                    4
SWH           24038.461 Hz
FIDRES         0.366798 Hz
AQ            1.3631988 sec
RG               197.74
DW               20.800 usec
DE                 6.50 usec
TE                298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
SFO1        100.6228303 MHz
NUC1                13C
P1                10.00 usec
SI                32768
SF          100.6127690 MHz
WDW                  EM
SSB                   0
LB                 1.00 Hz
GB                    0
PC                 1.40
```

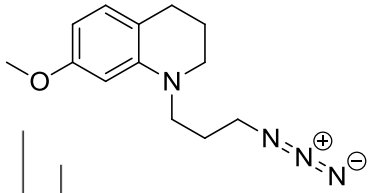
1-(3-azidopropyl)-7-methoxy-1,2,3,4-tetrahydroquinoline (150)



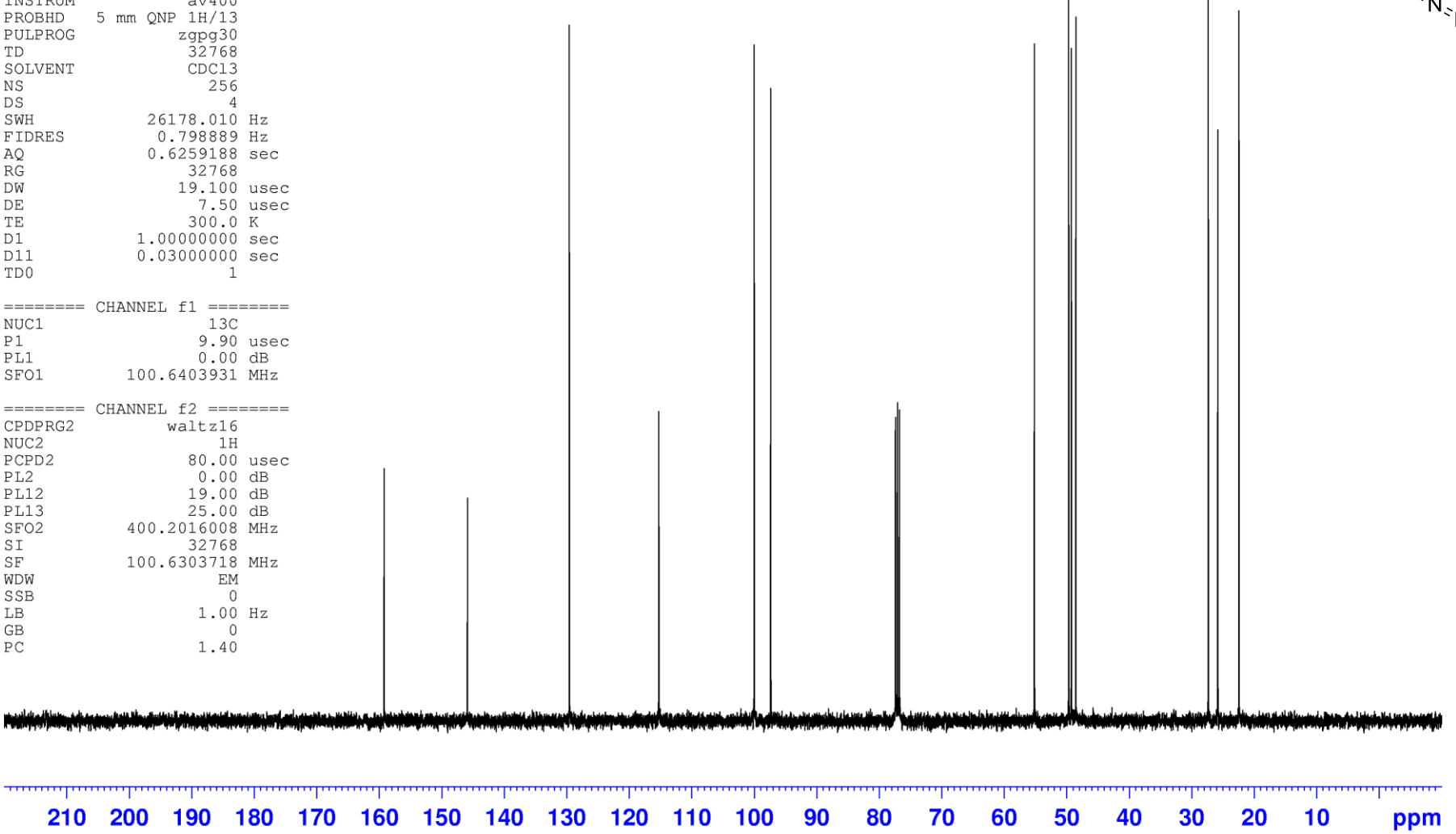
NAME	tr2090
EXPNO	1
PROCNO	1
Date_	20120923
Time	18.02
INSTRUM	av400
PROBHD	5 mm QNP 1H/13
PULPROG	zg60
TD	65536
SOLVENT	CDCl3
NS	16
DS	2
SWH	8278.146 Hz
FIDRES	0.126314 Hz
AQ	3.9584243 sec
RG	32
DW	60.400 usec
DE	7.50 usec
TE	300.0 K
D1	1.00000000 sec
======== CHANNEL f1 ========	
NUC1	1H
P1	10.10 usec
PL1	0.00 dB
SFO1	400.2024714 MHz
SI	32768
SF	400.2000028 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



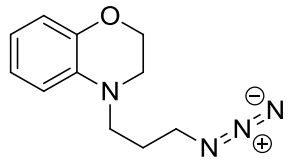
1-(3-azidopropyl)-7-methoxy-1,2,3,4-tetrahydroquinoline (150)



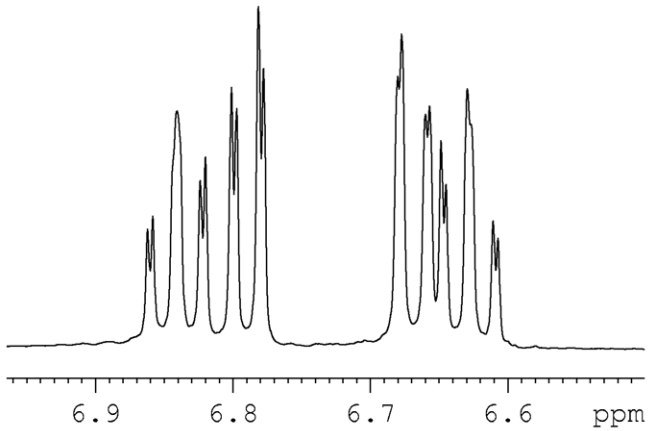
```
NAME              tr2090
EXPNO                  2
PROCNO                 1
Date_           20120923
Time               18.10
INSTRUM            av400
PROBHD   5 mm QNP 1H/13
PULPROG          zgpg30
TD                 32768
SOLVENT            CDCl3
NS                   256
DS                     4
SWH            26178.010 Hz
FIDRES             0.798889 Hz
AQ              0.6259188 sec
RG                 32768
DW                19.100 usec
DE                 7.50 usec
TE                 300.0 K
D1            1.00000000 sec
D11           0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                  13C
P1                   9.90 usec
PL1                  0.00 dB
SFO1         100.6403931 MHz

======== CHANNEL f2 ========
CPDPRG2           waltz16
NUC2                  1H
PCPD2               80.00 usec
PL2                  0.00 dB
PL12                19.00 dB
PL13                25.00 dB
SFO2         400.2016008 MHz
SI                 32768
SF           100.6303718 MHz
WDW                   EM
SSB                    0
LB                  1.00 Hz
GB                     0
PC                  1.40
```



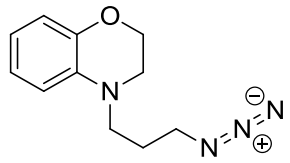
4-(3-Azidopropyl)-3,4-dihydro-2*H*-1,4-benzoxazine (151)



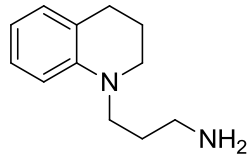
NAME	tr2091
EXPNO	1
PROCNO	1
Date_	20131010
Time	12.22
INSTRUM	avg400
PROBHD	5 mm QNP 1H/13
PULPROG	zg30
TD	65536
SOLVENT	CDCl3
NS	16
DS	2
SWH	10000.000 Hz
FIDRES	0.152588 Hz
AQ	3.2768500 sec
RG	279.35
DW	50.000 usec
DE	6.50 usec
TE	294.6 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
SFO1	400.2024714 MHz
NUC1	1H
P1	12.23 usec
SI	65536
SF	400.2000129 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



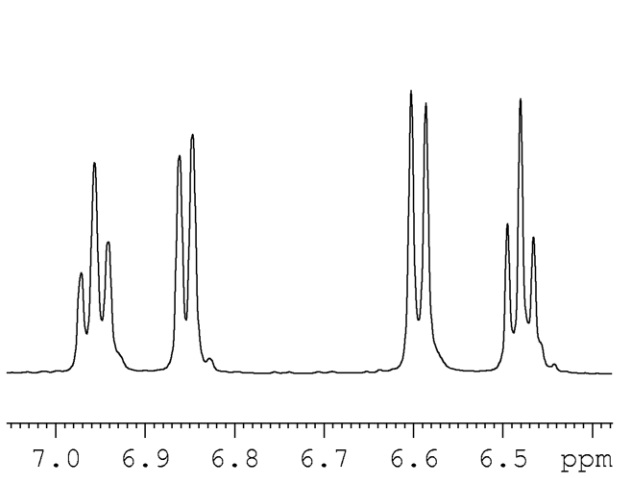
4-(3-Azidopropyl)-3,4-dihydro-2*H*-1,4-benzoxazine (151)



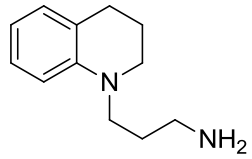
3-(3,4-Dihydroquinolin-1(2*H*)-yl)propan-1-amine (118)




```
NAME                tr1059
EXPNO                    1
PROCNO                   1
Date_             20131008
Time                 20.53
INSTRUM              drx500
PROBHD   5 mm PABBO BB/
PULPROG                zg60
TD                    65536
SOLVENT                MeOD
NS                       16
DS                        2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ                3.1720407 sec
RG                       32
DW                  48.400 usec
DE                  17.00 usec
TE                   297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                     1H
P1                   11.00 usec
PL1                   0.00 dB
SFO1           500.1325007 MHz
SI                    32768
SF             500.1300093 MHz
WDW                      EM
SSB                       0
LB                    0.30 Hz
GB                        0
PC                    1.00
```

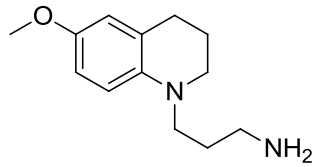


3-(3,4-Dihydroquinolin-1(2*H*)-yl)propan-1-amine (118)

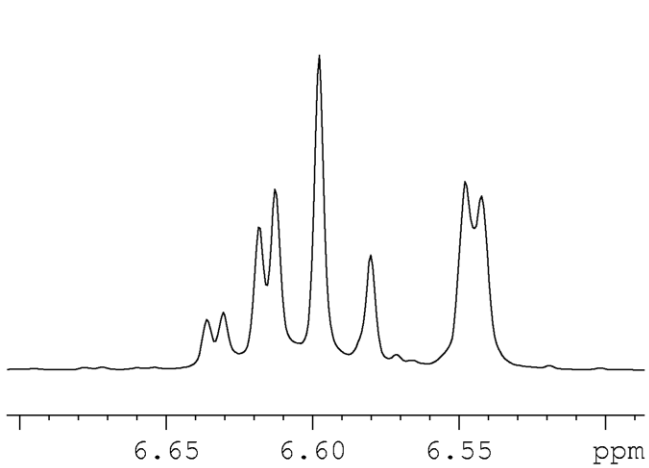



```
NAME              tr1059
EXPNO                  2
PROCNO                 1
Date_           20131008
Time               21.22
INSTRUM          drx500
PROBHD   5 mm PABBO BB/
PULPROG          zgpg30
TD                65536
SOLVENT             MeOD
NS                   512
DS                     4
SWH            30303.031 Hz
FIDRES          0.462388 Hz
AQ             1.0814105 sec
RG                9195.2
DW                16.500 usec
DE                 11.00 usec
TE                 297.7 K
D1            2.00000000 sec
d11           0.03000000 sec
DELTA         1.89999998 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                  13C
P1                   6.80 usec
PL1                  5.00 dB
SFO1         125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG2          waltz16
NUC2                  1H
PCPD2              100.00 usec
PL2                  0.00 dB
PL12                19.00 dB
PL13                23.00 dB
SFO2         500.1320005 MHz
SI                 32768
SF           125.7575604 MHz
WDW                   EM
SSB                    0
LB                   1.00 Hz
GB                     0
PC                   1.40
```

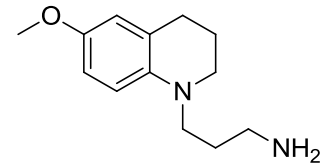
3-(6-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (152)



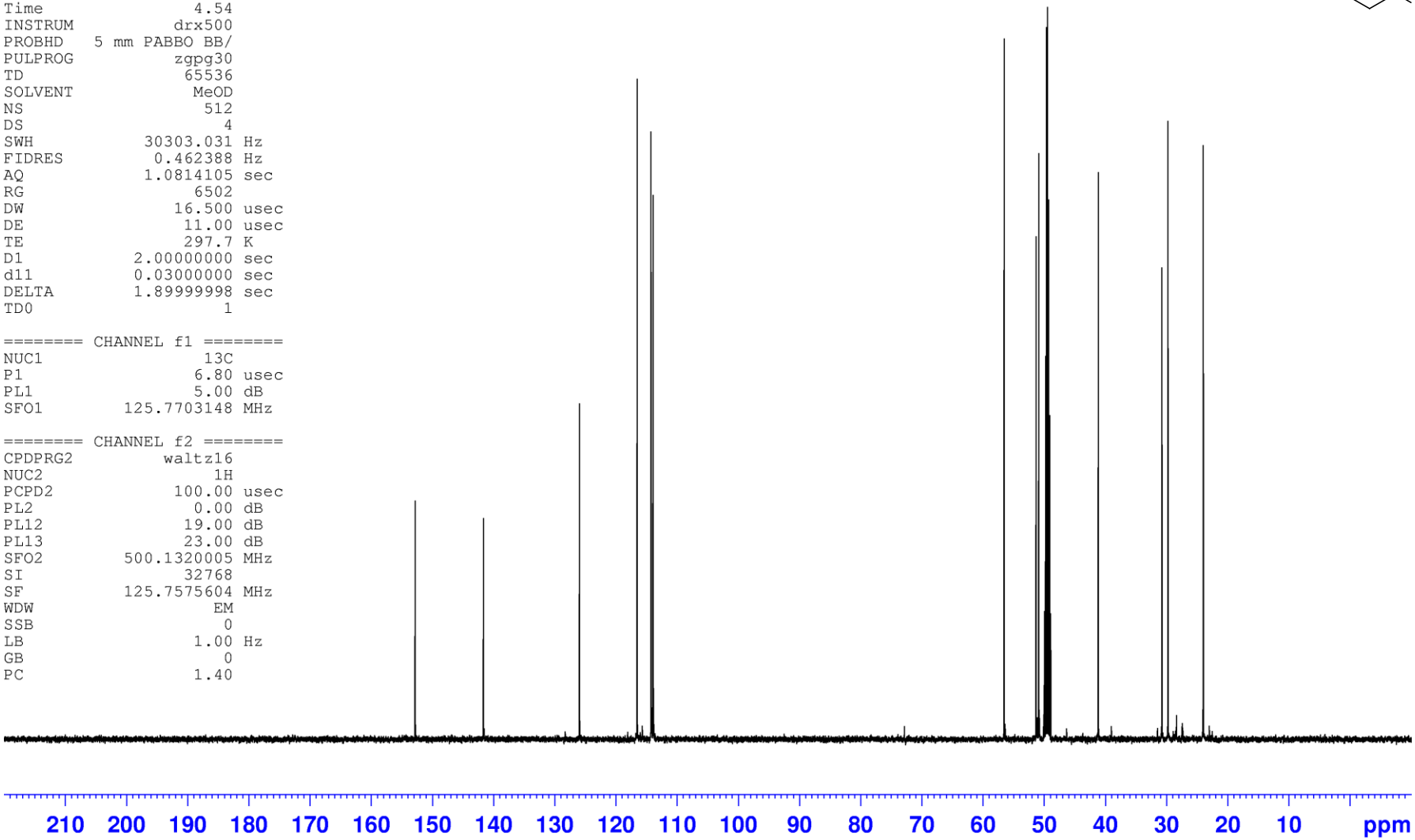
NAME	tr3002
EXPNO	1
PROCNO	1
Date_	20130625
Time	4.26
INSTRUM	drx500
PROBHD	5 mm PABBO BB/
PULPROG	zg60
TD	65536
SOLVENT	MeOD
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.157632 Hz
AQ	3.1720407 sec
RG	20.2
DW	48.400 usec
DE	17.00 usec
TE	297.7 K
D1	1.00000000 sec
======== CHANNEL f1 ========	
NUC1	1H
P1	11.00 usec
PL1	0.00 dB
SFO1	500.1325007 MHz
SI	32768
SF	500.1300000 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



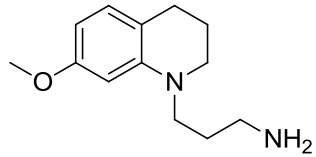
3-(6-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (152)



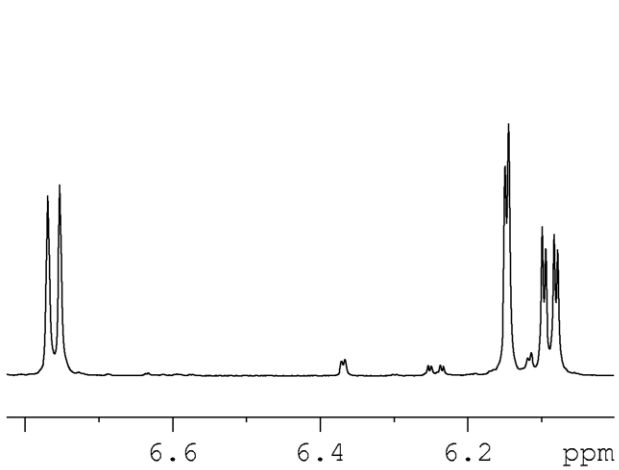

```
NAME                tr3002
EXPNO                    2
PROCNO                   1
Date_             20130625
Time                 4.54
INSTRUM             drx500
PROBHD    5 mm PABBO BB/
PULPROG             zgpg30
TD                   65536
SOLVENT                MeOD
NS                      512
DS                        4
SWH              30303.031 Hz
FIDRES            0.462388 Hz
AQ               1.0814105 sec
RG                    6502
DW                  16.500 usec
DE                  11.00 usec
TE                  297.7 K
D1              2.00000000 sec
d11             0.03000000 sec
DELTA           1.89999998 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                   13C
P1                    6.80 usec
PL1                   5.00 dB
SFO1          125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2               100.00 usec
PL2                   0.00 dB
PL12                 19.00 dB
PL13                 23.00 dB
SFO2          500.1320005 MHz
SI                    32768
SF            125.7575604 MHz
WDW                     EM
SSB                      0
LB                    1.00 Hz
GB                       0
PC                    1.40
```



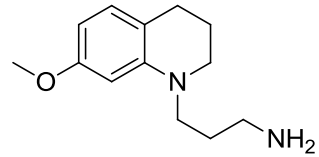
3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (153)




```
NAME                tr3003
EXPNO                    1
PROCNO                   1
Date_             20131007
Time                 23.08
INSTRUM              drx500
PROBHD   5 mm PABBO BB/
PULPROG               zg60
TD                   65536
SOLVENT               MeOD
NS                      16
DS                       2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ                3.1720407 sec
RG                     128
DW                  48.400 usec
DE                  17.00 usec
TE                  297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                    1H
P1                  11.00 usec
PL1                  0.00 dB
SFO1          500.1325007 MHz
SI                   32768
SF            500.1300109 MHz
WDW                     EM
SSB                      0
LB                    0.30 Hz
GB                       0
PC                    1.00
```

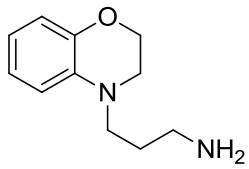


3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (153)

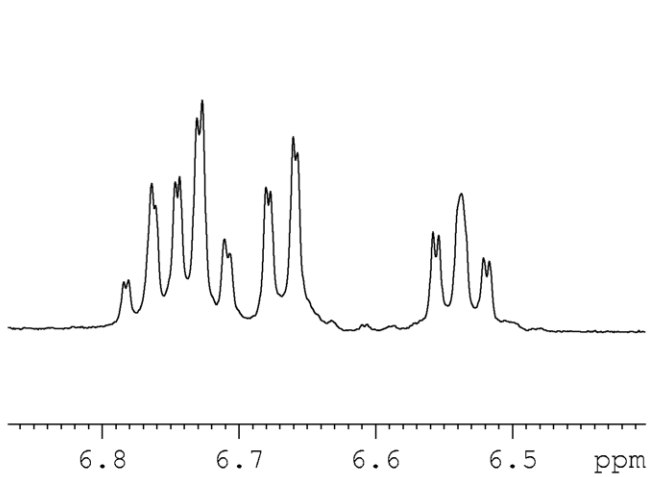



```
NAME                tr3003
EXPNO                    2
PROCNO                   1
Date_             20131008
Time                 0.58
INSTRUM            drx500
PROBHD   5 mm PABBO BB/
PULPROG            zgpg30
TD                  65536
SOLVENT               MeOD
NS                    2048
DS                       4
SWH              30303.031 Hz
FIDRES            0.462388 Hz
AQ               1.0814105 sec
RG                 11585.2
DW                  16.500 usec
DE                  11.00 usec
TE                  297.7 K
D1              2.00000000 sec
d11             0.03000000 sec
DELTA           1.89999998 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                   13C
P1                    6.80 usec
PL1                   5.00 dB
SFO1           125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2               100.00 usec
PL2                   0.00 dB
PL12                 19.00 dB
PL13                 23.00 dB
SFO2           500.1320005 MHz
SI                   32768
SF             125.7575604 MHz
WDW                    EM
SSB                     0
LB                    1.00 Hz
GB                      0
PC                    1.40
```

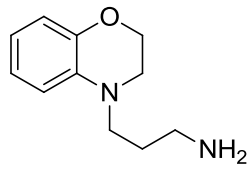
3-(2,3-Dihydro-4*H*-1,4-benzoxazin-4-yl)propan-1-amine (154)




```
NAME                tr3004
EXPNO                    1
PROCNO                   1
Date_             20131119
Time                 13.43
INSTRUM             avg400
PROBHD   5 mm QNP 1H/13
PULPROG                zg30
TD                    65536
SOLVENT                MeOD
NS                       16
DS                        2
SWH               10000.000 Hz
FIDRES                0.152588 Hz
AQ                3.2768500 sec
RG                   467.29
DW                   50.000 usec
DE                     6.50 usec
TE                    294.3 K
D1              1.00000000 sec
TD0                      1

======== CHANNEL f1 ========
SFO1            400.2024714 MHz
NUC1                    1H
P1                   12.23 usec
SI                    65536
SF              400.2000113 MHz
WDW                     EM
SSB                      0
LB                    0.30 Hz
GB                       0
PC                    1.00
```

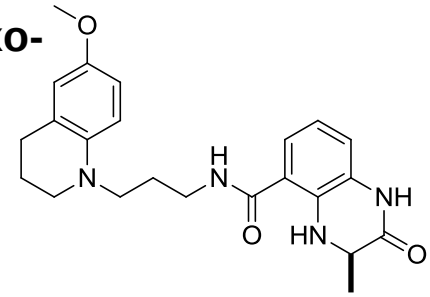


3-(2,3-Dihydro-4*H*-1,4-benzoxazin-4-yl)propan-1-amine (154)

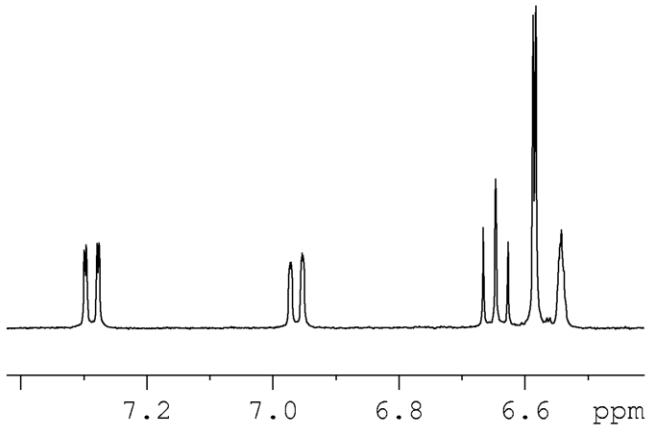



```
NAME                tr3004
EXPNO                    2
PROCNO                   1
Date_             20130624
Time                21.40
INSTRUM           drx500
PROBHD   5 mm PABBO BB/
PULPROG           zgpg30
TD                65536
SOLVENT             MeOD
NS                  1024
DS                     4
SWH           30303.031 Hz
FIDRES         0.462388 Hz
AQ            1.0814105 sec
RG               7298.2
DW               16.500 usec
DE                11.00 usec
TE                297.7 K
D1           2.00000000 sec
d11          0.03000000 sec
DELTA        1.89999998 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 13C
P1                  6.80 usec
PL1                 5.00 dB
SFO1         125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG2          waltz16
NUC2                 1H
PCPD2             100.00 usec
PL2                 0.00 dB
PL12               19.00 dB
PL13               23.00 dB
SFO2         500.1320005 MHz
SI                 32768
SF           125.7576152 MHz
WDW                  EM
SSB                   0
LB                  1.00 Hz
GB                    0
PC                  1.40
```

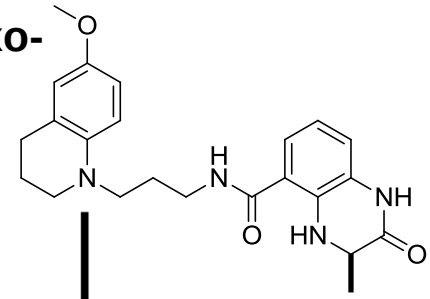
(3*R*)-*N*-[3-(6-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-155]



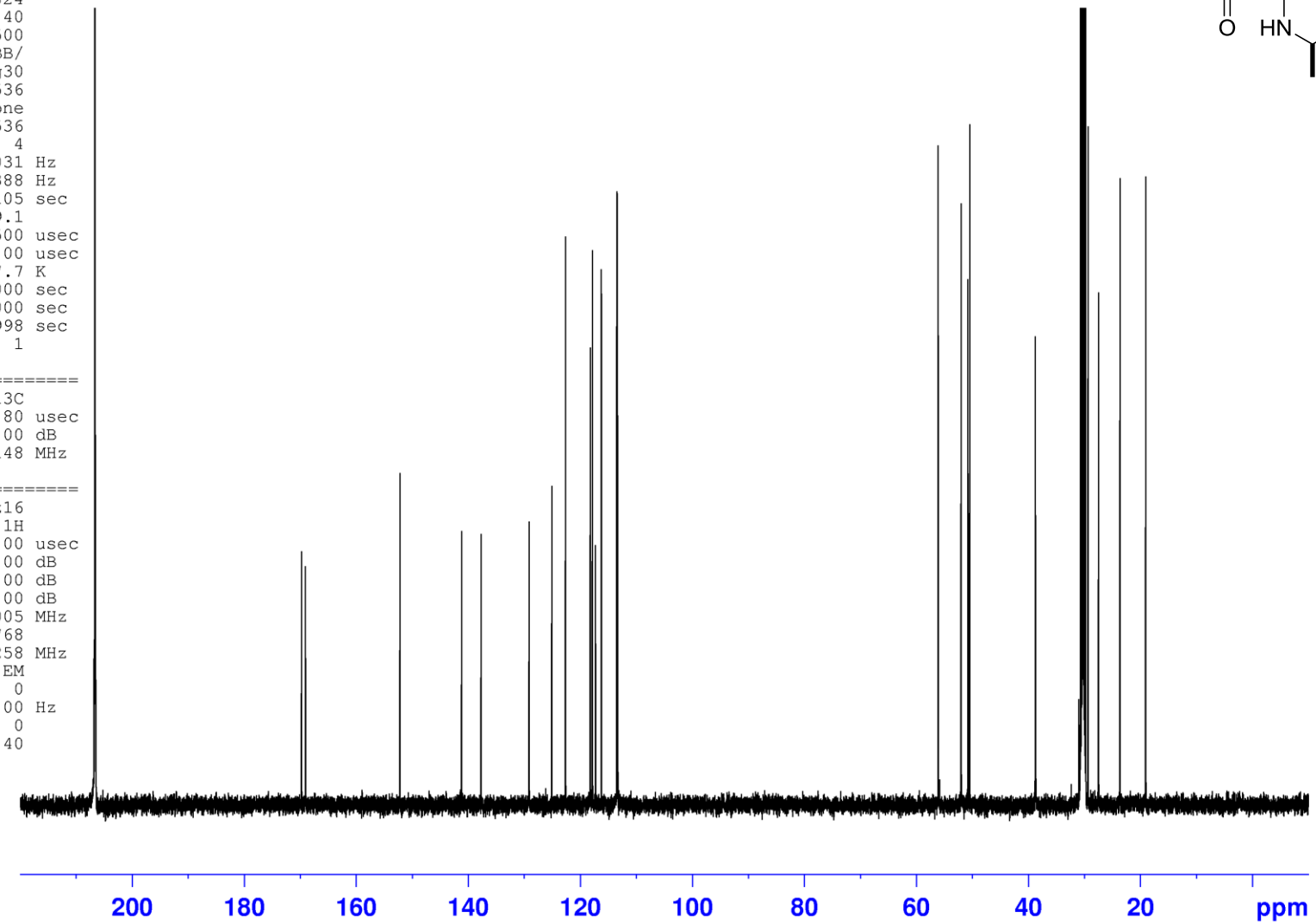
NAME	tr3029
EXPNO	1
PROCNO	1
Date_	20130821
Time	12.15
INSTRUM	av400
PROBHD	5 mm QNP 1H/13
PULPROG	zg60
TD	65536
SOLVENT	Acetone
NS	16
DS	2
SWH	8278.146 Hz
FIDRES	0.126314 Hz
AQ	3.9584243 sec
RG	512
DW	60.400 usec
DE	7.50 usec
TE	300.0 K
D1	1.00000000 sec
======== CHANNEL f1 ========	
NUC1	1H
P1	10.10 usec
PL1	0.00 dB
SFO1	400.2024714 MHz
SI	32768
SF	400.2000000 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



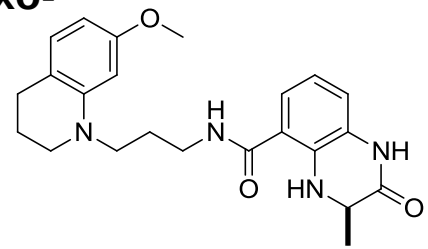
(3*R*)-*N*-[3-(6-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-155]




```
NAME                tr3029
EXPNO                    2
PROCNO                   1
Date_             20130824
Time                 16.40
INSTRUM              drx500
PROBHD    5 mm PABBO BB/
PULPROG              zgpg30
TD                    65536
SOLVENT             Acetone
NS                     1536
DS                        4
SWH              30303.031 Hz
FIDRES            0.462388 Hz
AQ               1.0814105 sec
RG                  3649.1
DW                  16.500 usec
DE                  11.00 usec
TE                  297.7 K
D1              2.00000000 sec
d11             0.03000000 sec
DELTA           1.89999998 sec
TD0                       1

======== CHANNEL f1 ========
NUC1                    13C
P1                     6.80 usec
PL1                    5.00 dB
SFO1           125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                    1H
PCPD2                100.00 usec
PL2                    0.00 dB
PL12                  19.00 dB
PL13                  23.00 dB
SFO2           500.1320005 MHz
SI                    32768
SF             125.7576258 MHz
WDW                      EM
SSB                       0
LB                     1.00 Hz
GB                        0
PC                     1.40
```

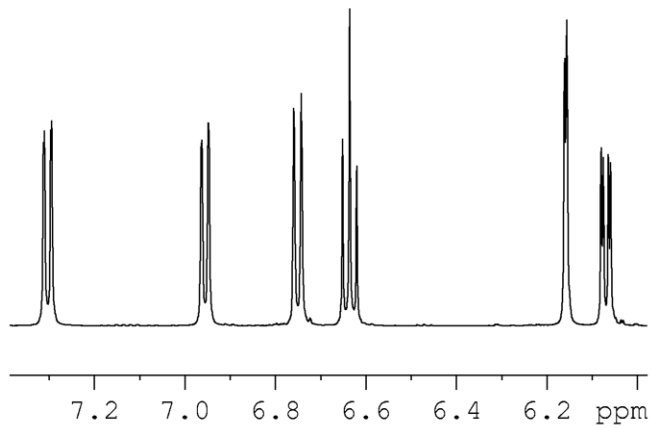


(3*R*)-*N*-[3-(7-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-156]

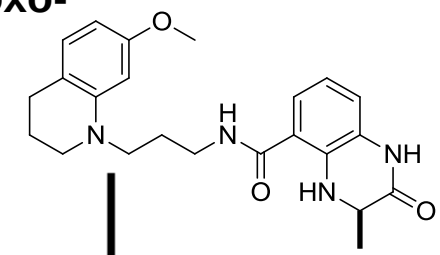


NAME	tr3030
EXPNO	1
PROCNO	1
Date_	20130904
Time	14.17
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zg30
TD	65536
SOLVENT	Acetone
NS	16
DS	4
SWH	10330.578 Hz
FIDRES	0.157632 Hz
AQ	3.1719923 sec
RG	2.8
DW	48.400 usec
DE	6.00 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1

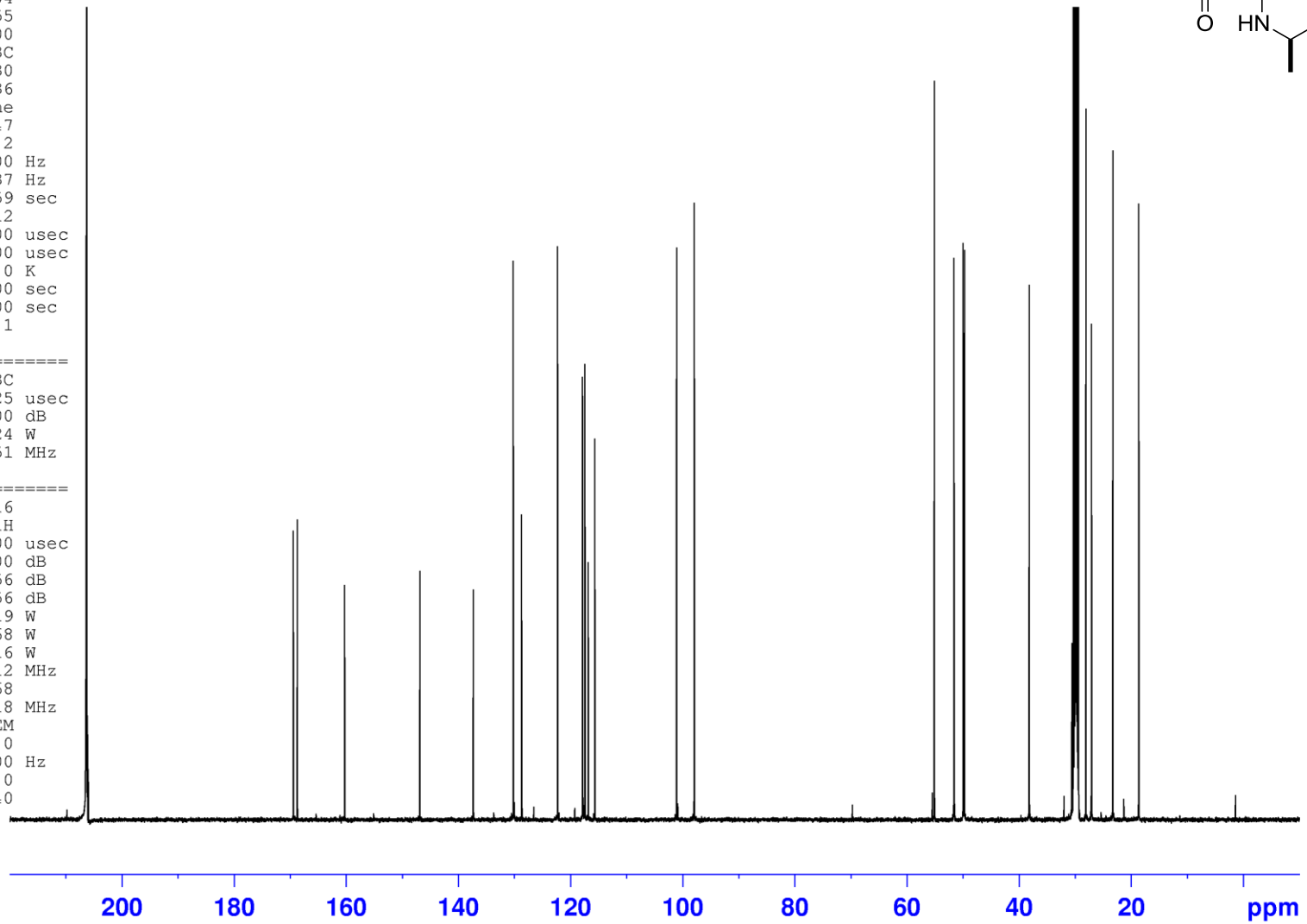
======== CHANNEL f1 ========	
NUC1	1H
P1	10.60 usec
PL1	6.00 dB
PL1W	0.95905519 W
SFO1	500.3030896 MHz
SI	32768
SF	500.3000096 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



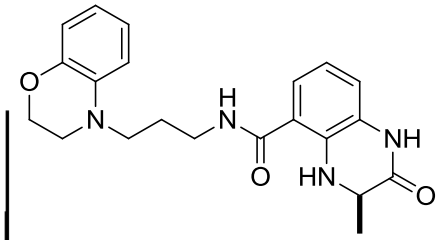
(3*R*)-*N*-[3-(7-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-156]



NAME	tr3030
EXPNO	4
PROCNO	1
Date_	20130904
Time	14.55
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zgpg30
TD	65536
SOLVENT	Acetone
NS	347
DS	2
SWH	31250.000 Hz
FIDRES	0.476837 Hz
AQ	1.0486259 sec
RG	912
DW	16.000 usec
DE	20.00 usec
TE	298.0 K
D1	2.00000000 sec
D11	0.03000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	13C
P1	10.25 usec
PL1	8.00 dB
PL1W	1.62029624 W
SFO1	125.8131151 MHz
======== CHANNEL f2 ========	
CPDPRG2	waltz16
NUC2	1H
PCPD2	80.00 usec
PL2	6.00 dB
PL12	23.56 dB
PL13	29.56 dB
PL2W	0.95905519 W
PL12W	0.01682068 W
PL13W	0.00422516 W
SFO2	500.3020012 MHz
SI	32768
SF	125.8004218 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

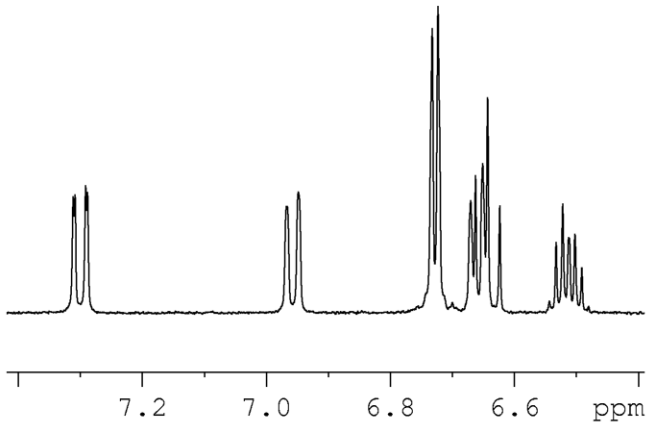


(3*R*)-*N*-[3-(2,3-Dihydro-4*H*-1,4-benzoxazin-4-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-157]

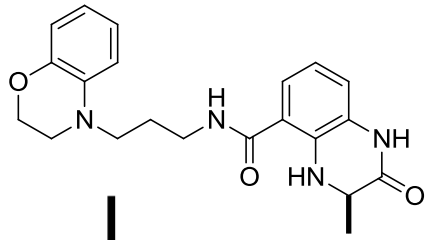


NAME	tr3031
EXPNO	1
PROCNO	1
Date_	20130923
Time	18.49
INSTRUM	spect
PROBHD	5 mm QNP 1H/13
PULPROG	zg30
TD	65536
SOLVENT	Acetone
NS	16
DS	2
SWH	10000.000 Hz
FIDRES	0.152588 Hz
AQ	3.2768500 sec
RG	568.78
DW	50.000 usec
DE	6.50 usec
TE	294.1 K
D1	1.00000000 sec
TD0	1

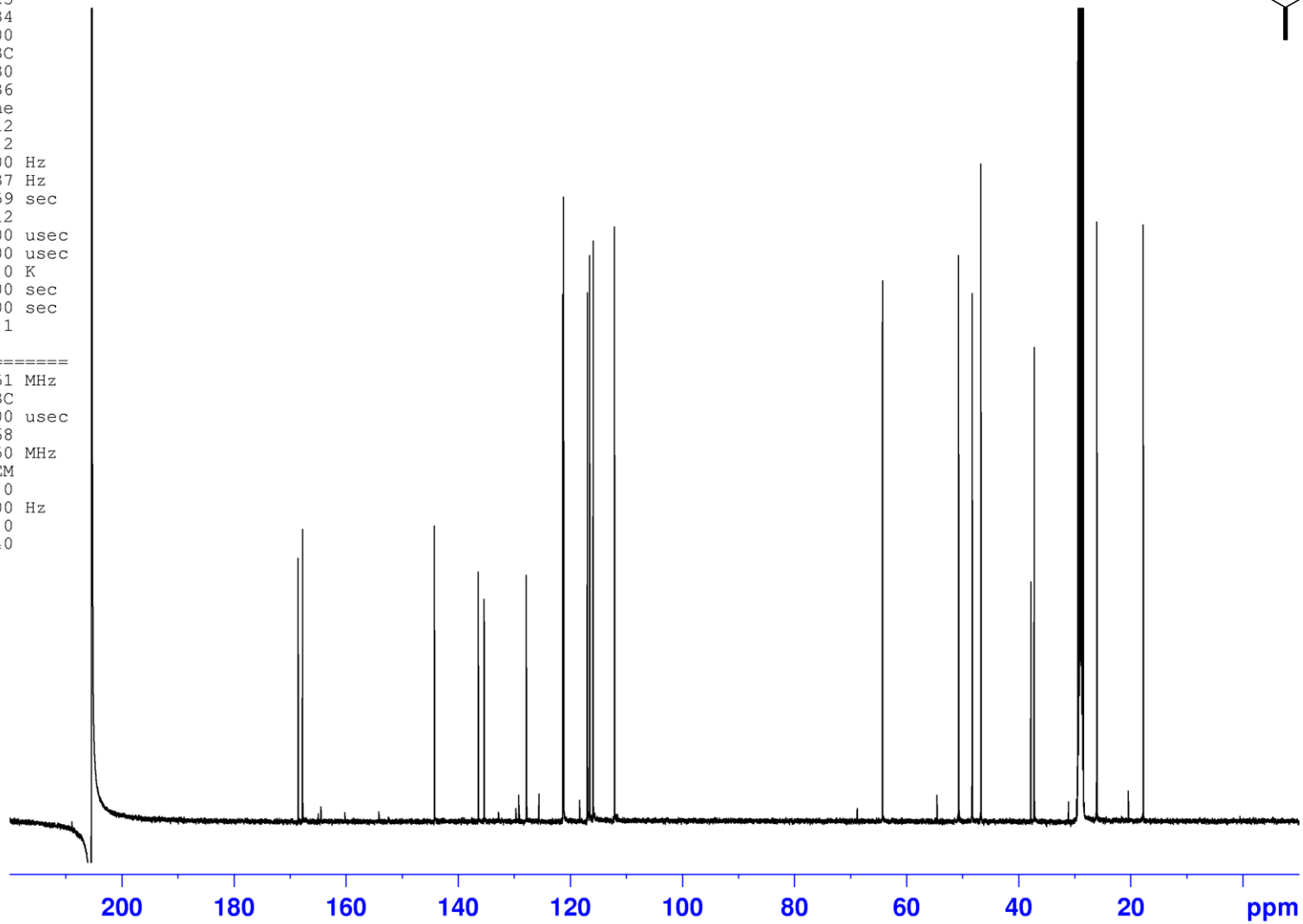
======== CHANNEL f1 ========	
SFO1	400.2024714 MHz
NUC1	1H
P1	12.23 usec
SI	65536
SF	400.2000102 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



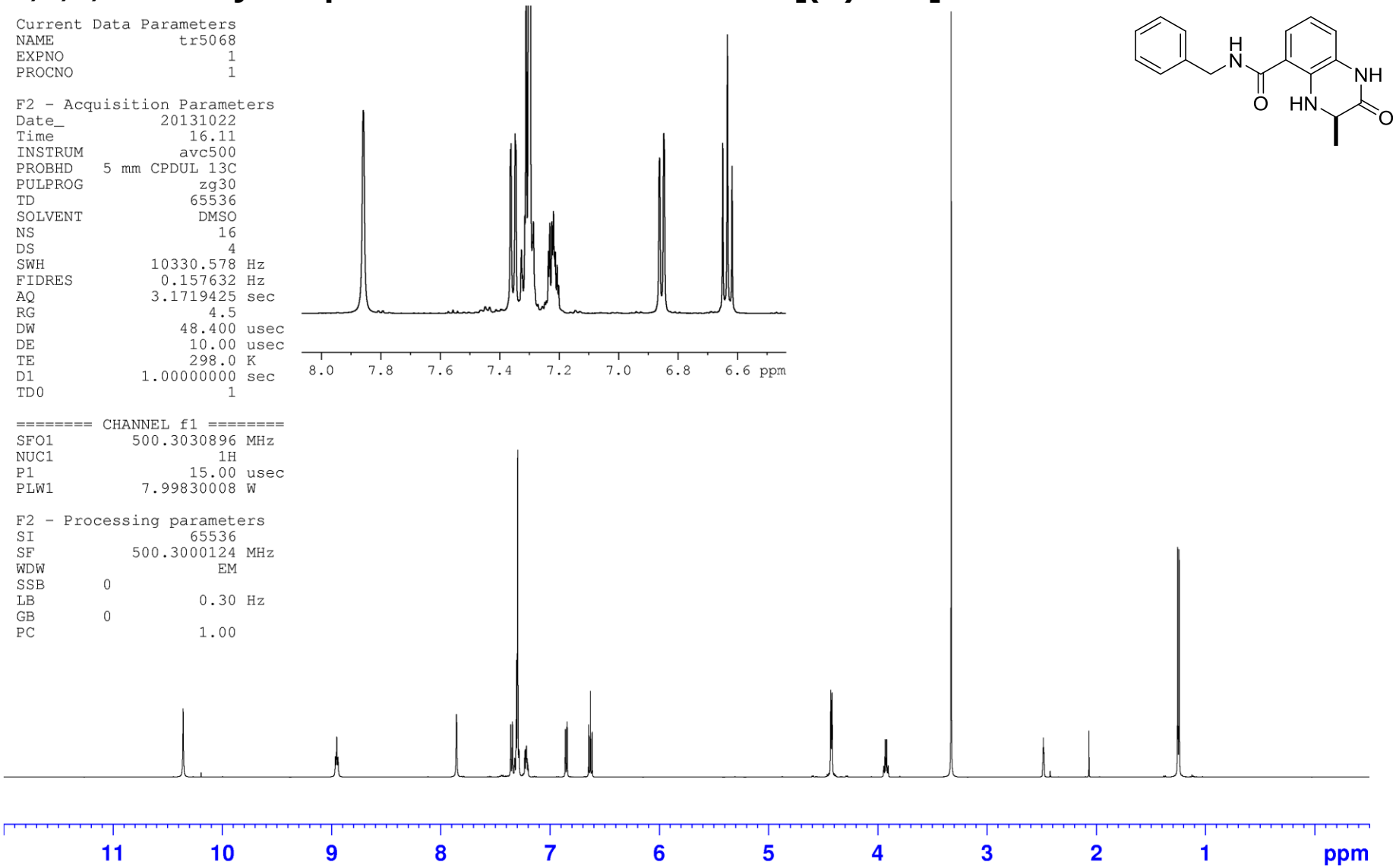
(3*R*)-*N*-[3-(2,3-Dihydro-4*H*-1,4-benzoxazin-4-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-157]



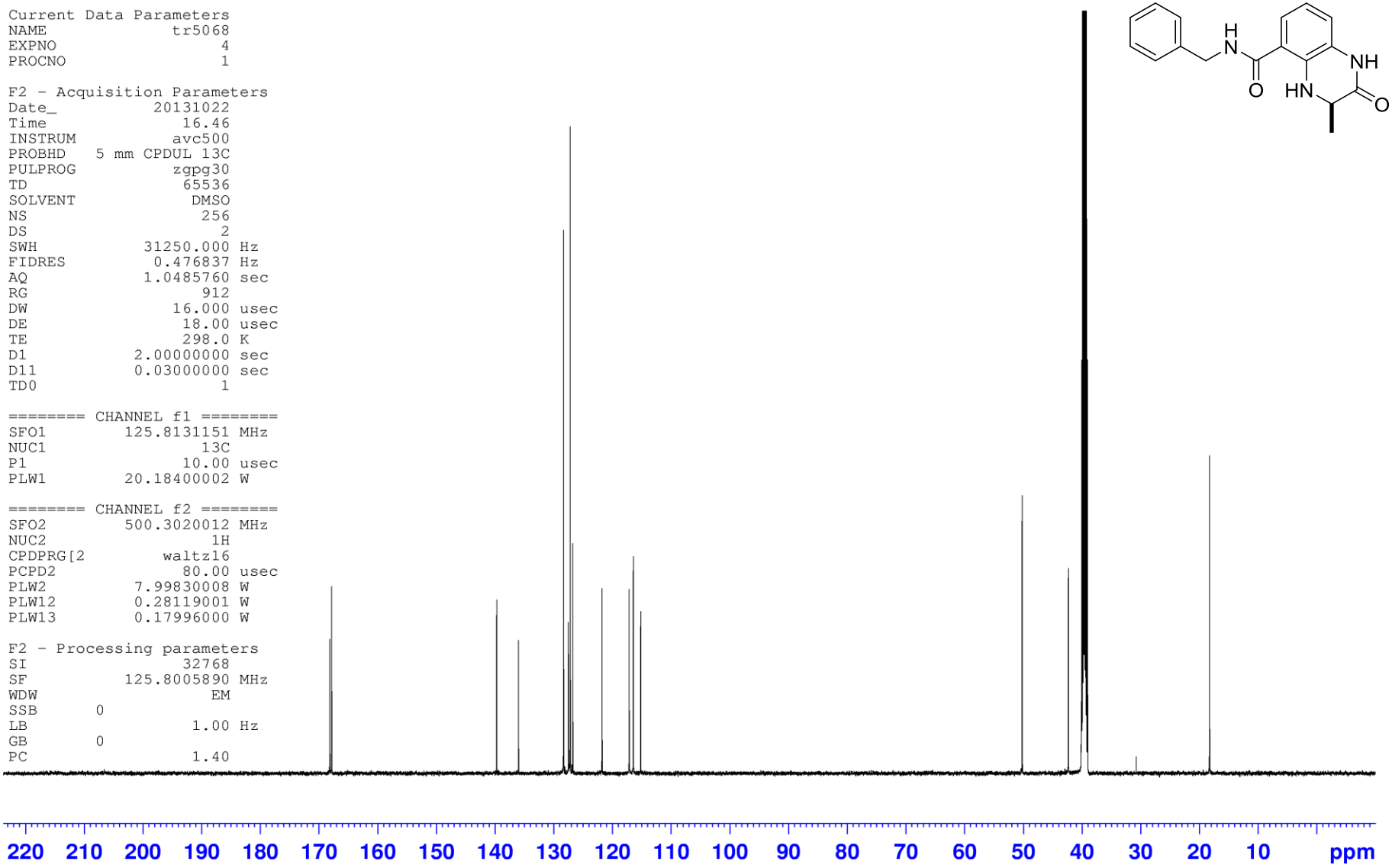
NAME	tr3031
EXPNO	4
PROCNO	1
Date_	20130925
Time	15.34
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zgpg30
TD	65536
SOLVENT	Acetone
NS	512
DS	2
SWH	31250.000 Hz
FIDRES	0.476837 Hz
AQ	1.0486259 sec
RG	912
DW	16.000 usec
DE	18.00 usec
TE	298.0 K
D1	2.00000000 sec
D11	0.03000000 sec
TD0	1
======== CHANNEL f1 ========	
SFO1	125.8131151 MHz
NUC1	13C
P1	10.00 usec
SI	32768
SF	125.8005350 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40



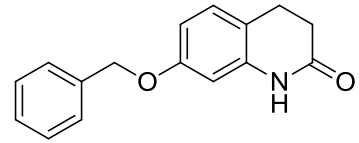
(3*R*)-*N*-[3-(2,3-Dihydro-4*H*-1,4-benzoxazin-4-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-158]



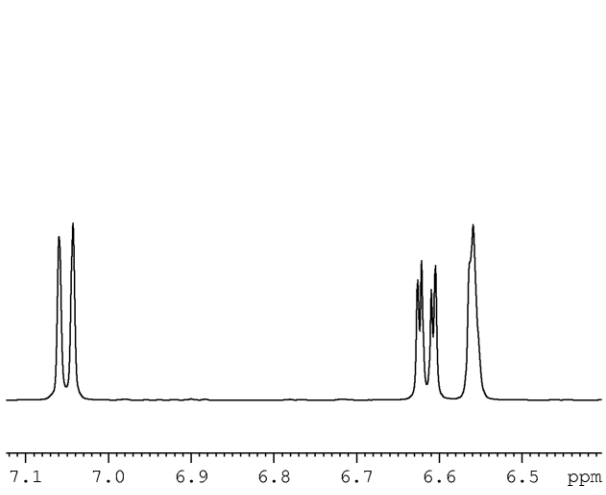
(3*R*)-*N*-[3-(2,3-Dihydro-4*H*-1,4-benzoxazin-4-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-158]

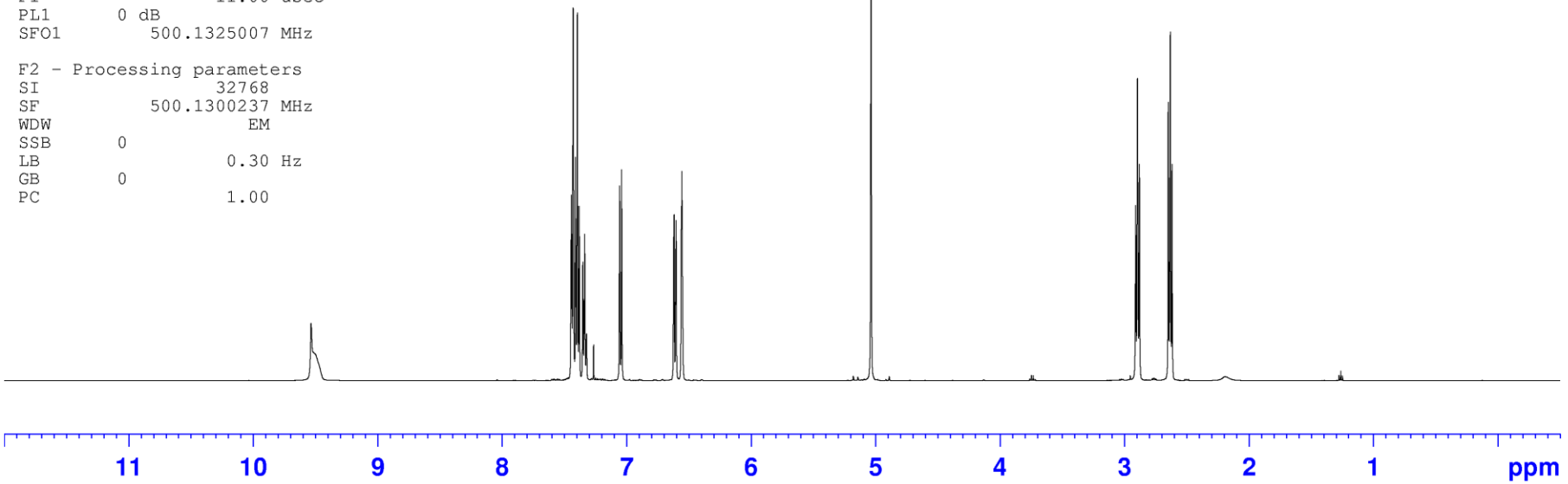


7-(benzyloxy)-3,4-dihydroquinolin-2(1*H*)-one (173)



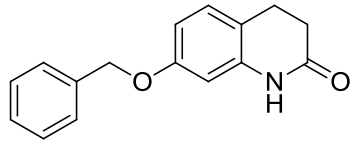

```
Current Data Parameters
NAME                 tr4047
EXPNO                     5
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130218
Time                  3.36
INSTRUM              drx500
PROBHD    5 mm PABBO BB/
PULPROG                zg60
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719425 sec
RG                       32
DW                  48.400 usec
DE                  17.00 usec
TE                  298.1 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                      1H
P1                  11.00 usec
PL1         0 dB
SFO1          500.1325007 MHz

F2 - Processing parameters
SI                    32768
SF              500.1300237 MHz
WDW                      EM
SSB         0
LB                   0.30 Hz
GB          0
PC                   1.00
```

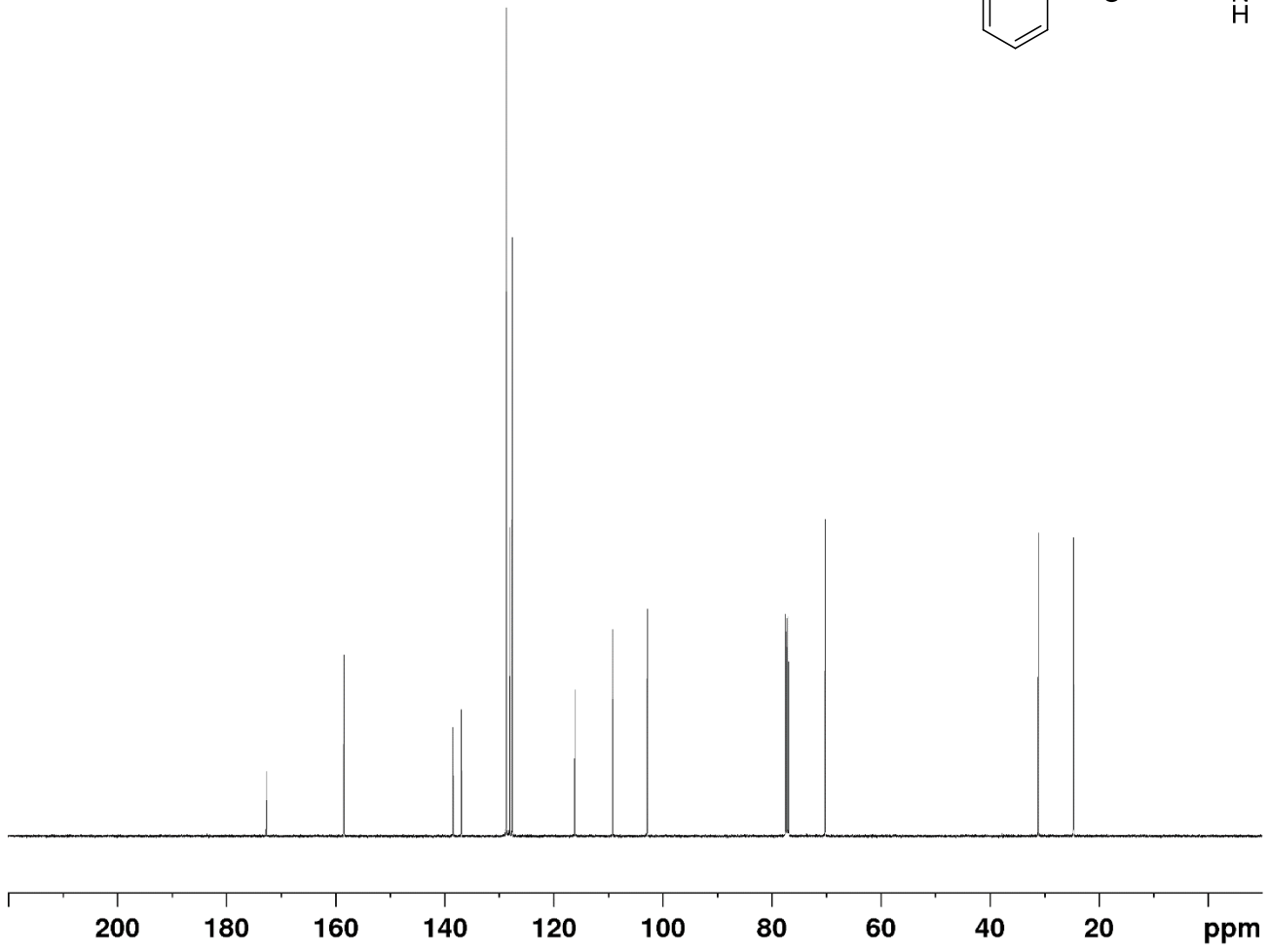




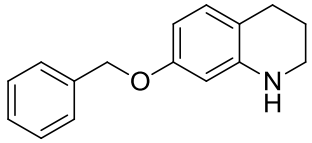
7-(benzyloxy)-3,4-dihydroquinolin-2(1*H*)-one (173)

```
Current Data Parameters
NAME             tr4047
EXPNO                 6
PROCNO                1

F2 - Acquisition Parameters
Date_           20130218
Time              4.10
INSTRUM          drx500
PROBHD   5 mm PABBO BB/
PULPROG          zgpg30
TD                65536
SOLVENT           CDCl3
NS                  614
DS                    4
SWH           30303.031 Hz
FIDRES         0.462388 Hz
AQ            1.0813440 sec
RG               5792.6
DW               16.500 usec
DE               11.00 usec
TE               298.0 K
D1           2.00000000 sec
d11          0.03000000 sec
DELTA        1.89999998 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                 13C
P1                  6.80 usec
PL1                 5.00 dB
SFO1        125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG[2         waltz16
NUC2                 1H
PCPD2             100.00 usec
PL2       0 dB
PL12                19.00 dB
PL13                23.00 dB
SFO2        500.1320005 MHz

F2 - Processing parameters
SI                  32768
SF          125.7577903 MHz
WDW                    EM
SSB       0
LB                  1.00 Hz
GB        0
PC                  1.40
```

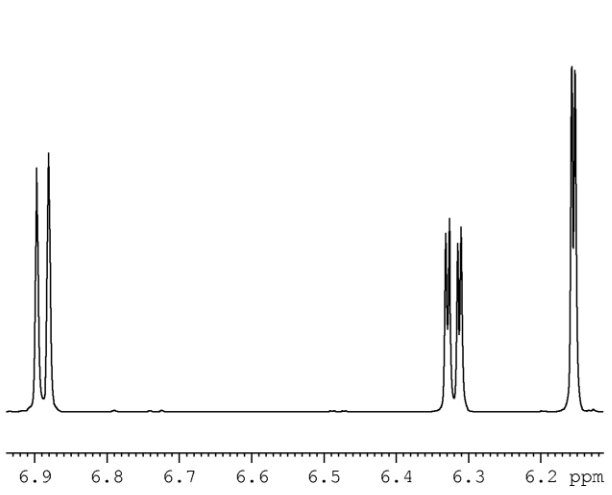


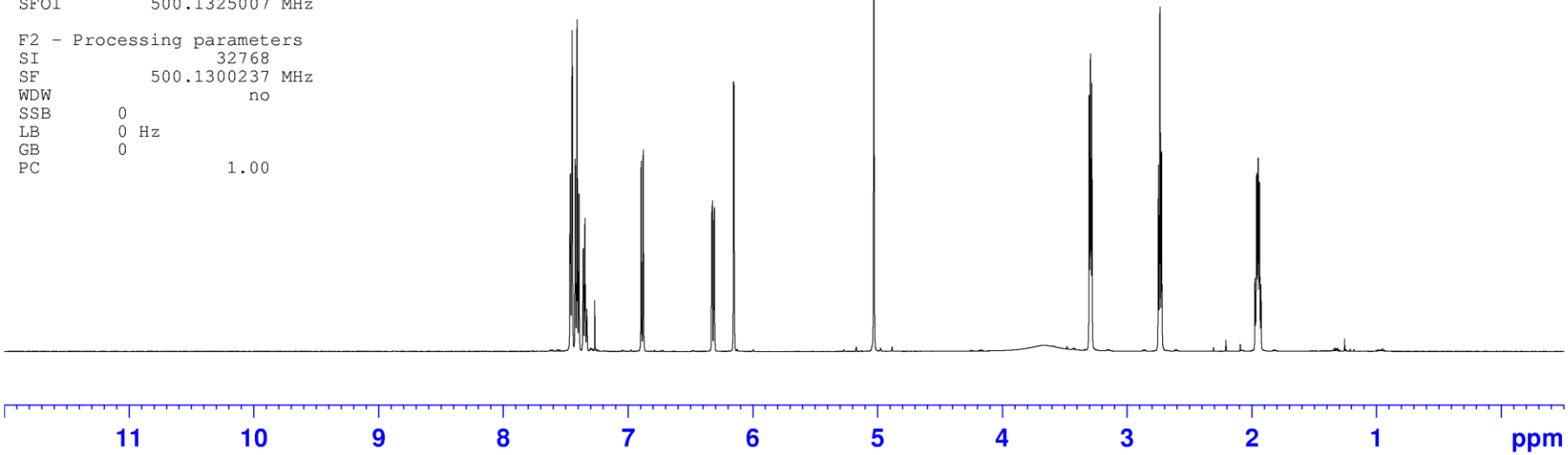


7-(benzyloxy)-1,2,3,4-tetrahydroquinoline (165)

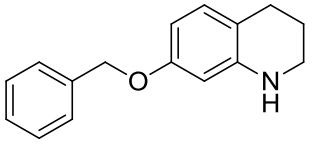



```
Current Data Parameters
NAME                 tr4050
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130218
Time                   5.42
INSTRUM               drx500
PROBHD    5 mm PABBO BB/
PULPROG                zg60
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719425 sec
RG                       32
DW                  48.400 usec
DE                  17.00 usec
TE                  298.0 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                      1H
P1                  11.00 usec
PL1       0 dB
SFO1          500.1325007 MHz

F2 - Processing parameters
SI                    32768
SF              500.1300237 MHz
WDW                      no
SSB       0
LB        0 Hz
GB        0
PC                     1.00
```

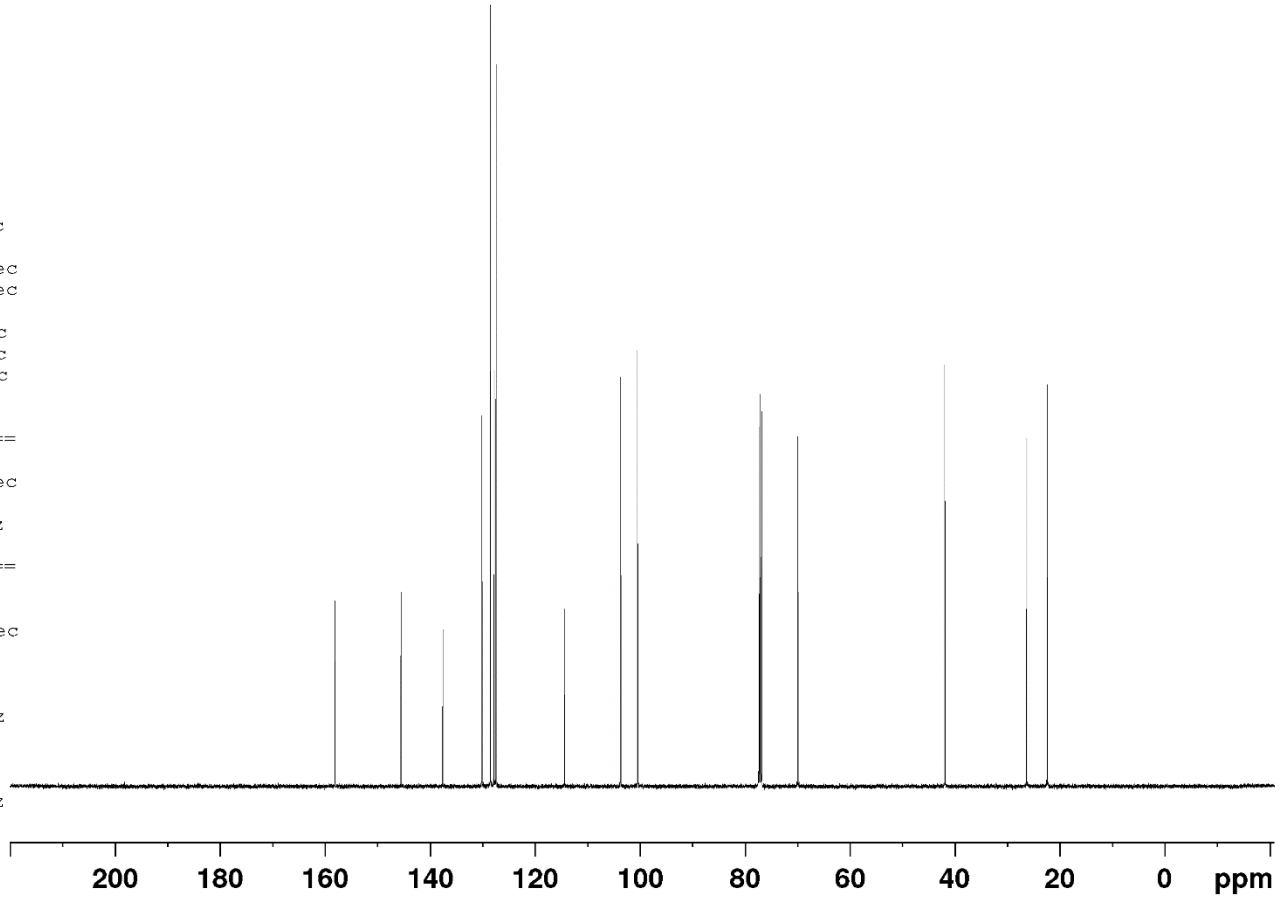




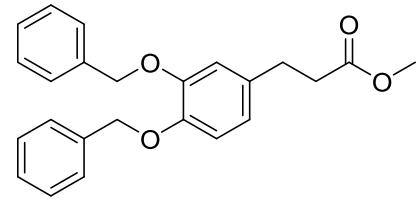
7-(benzyloxy)-1,2,3,4-tetrahydroquinoline (165)



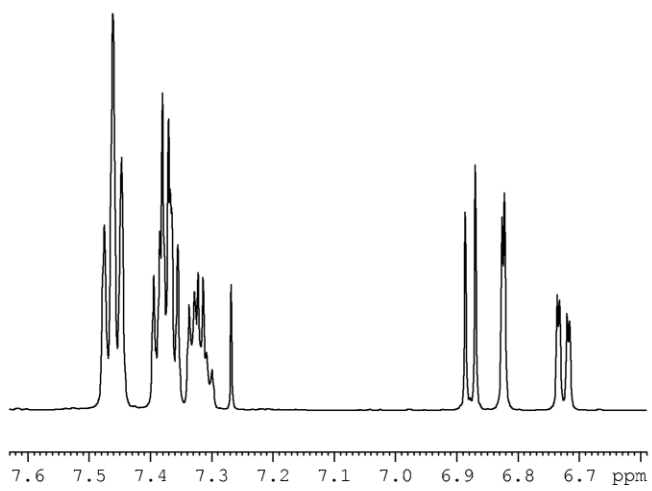

```
Current Data Parameters
NAME             tr4050
EXPNO                 2
PROCNO                1

F2 - Acquisition Parameters
Date_           20130218
Time               6.16
INSTRUM           drx500
PROBHD   5 mm PABBO BB/
PULPROG           zgpg30
TD                65536
SOLVENT            CDCl3
NS                   614
DS                     4
SWH           30303.031 Hz
FIDRES         0.462388 Hz
AQ            1.0813440 sec
RG               5792.6
DW               16.500 usec
DE                11.00 usec
TE                298.0 K
D1           2.00000000 sec
d11          0.03000000 sec
DELTA        1.89999998 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 13C
P1                  6.80 usec
PL1                 5.00 dB
SFO1        125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG[2         waltz16
NUC2                 1H
PCPD2             100.00 usec
PL2      0 dB
PL12                19.00 dB
PL13                23.00 dB
SFO2        500.1320005 MHz

F2 - Processing parameters
SI                 32768
SF          125.7577886 MHz
WDW                  EM
SSB      0
LB                  1.00 Hz
GB       0
PC                  1.40
```

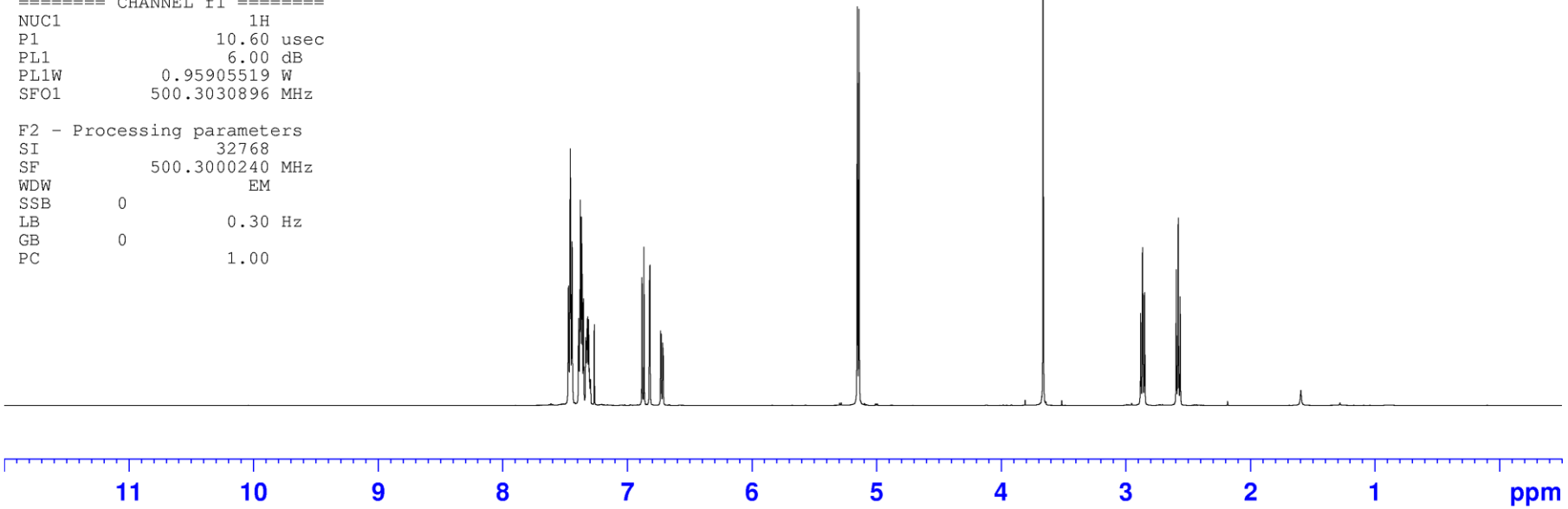


Methyl 3-(3,4-bis(benzyloxy)phenyl)propanoate (177)

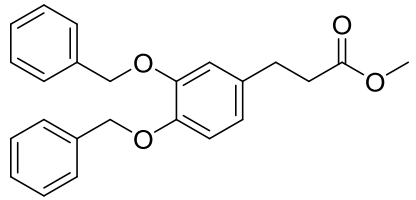


```
Current Data Parameters
NAME                 tr4061
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130417
Time                 18.14
INSTRUM              avc500
PROBHD    5 mm CPDUL 13C
PULPROG                zg30
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        4
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719425 sec
RG                     2.25
DW                   48.400 usec
DE                    6.00 usec
TE                   298.0 K
D1              1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
NUC1                     1H
P1                   10.60 usec
PL1                   6.00 dB
PL1W           0.95905519 W
SFO1          500.3030896 MHz

F2 - Processing parameters
SI                    32768
SF            500.3000240 MHz
WDW                      EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```

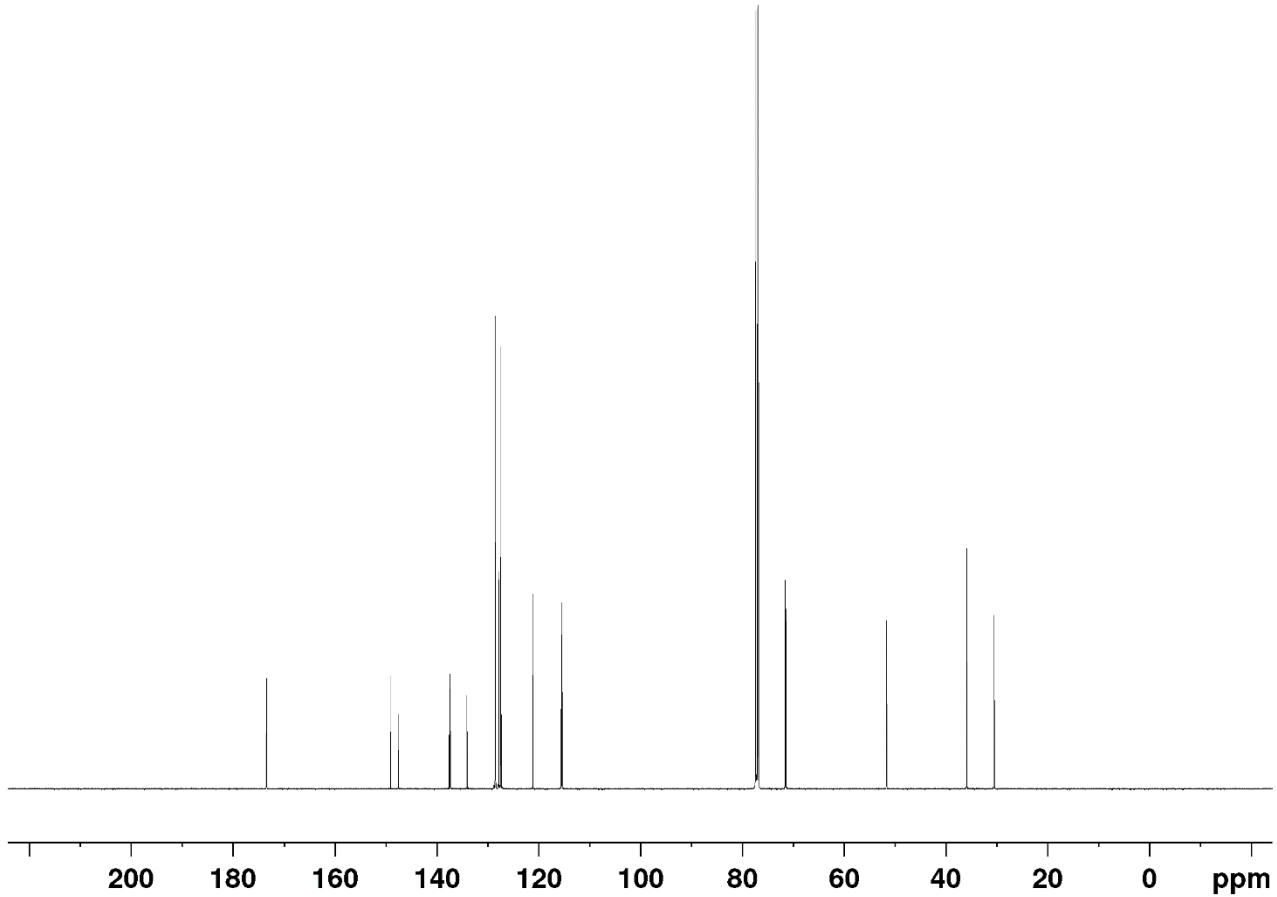




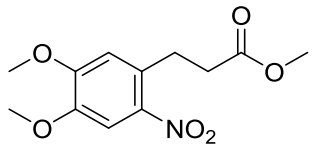
Methyl 3-(3,4-bis(benzyloxy)phenyl)propanoate (177)



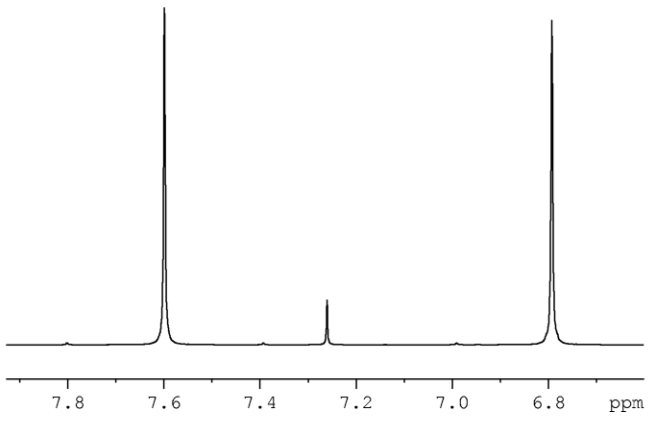
```
Current Data Parameters
NAME              tr4061
EXPNO                  4
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130417
Time               18.50
INSTRUM           avc500
PROBHD   5 mm CPDUL 13C
PULPROG           zgpg30
TD                 65536
SOLVENT            CDCl3
NS                   256
DS                     2
SWH            31250.000 Hz
FIDRES          0.476837 Hz
AQ             1.0485760 sec
RG                   912
DW                16.000 usec
DE                20.00 usec
TE                298.0 K
D1            2.00000000 sec
D11           0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 13C
P1                 10.25 usec
PL1                 8.00 dB
PL1W          1.62029624 W
SFO1         125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG[2          waltz16
NUC2                 1H
PCPD2              80.00 usec
PL2                 6.00 dB
PL12               23.56 dB
PL13               29.56 dB
PL2W          0.95905519 W
PL12W         0.01682068 W
PL13W         0.00422516 W
SFO2         500.3020012 MHz

F2 - Processing parameters
SI                 32768
SF           125.8005276 MHz
WDW                   EM
SSB       0
LB                 1.00 Hz
GB        0
PC                 1.40
```



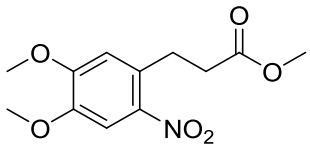
Methyl 3-(4,5-dimethoxy-2-nitrophenyl)propanoate (178)



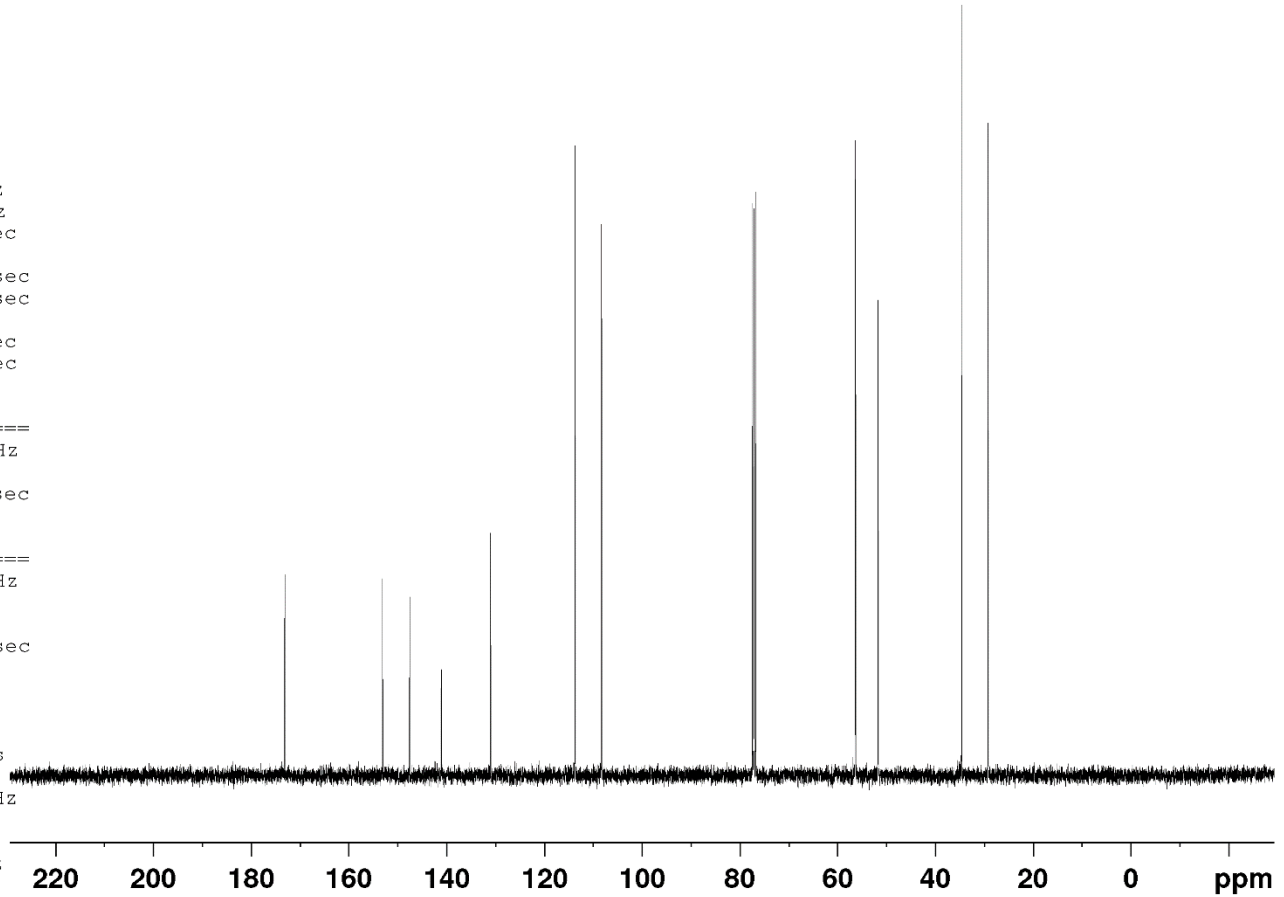

```
Current Data Parameters
NAME                 tr4059
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130311
Time                 17.29
INSTRUM              avn400
PROBHD    5 mm PABBO BB/
PULPROG                zg60
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        2
SWH                8012.820 Hz
FIDRES             0.122266 Hz
AQ                 4.0894465 sec
RG                    39.49
DW                    62.400 usec
DE                     6.50 usec
TE                    294.9 K
D1              1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
SFO1            400.2524015 MHz
NUC1                    1H
P1                     12.65 usec
PLW1           16.70000076 W

F2 - Processing parameters
SI                    32768
SF              400.2500111 MHz
WDW                     EM
SSB       0
LB                      0.30 Hz
GB        0
PC                      1.00
```



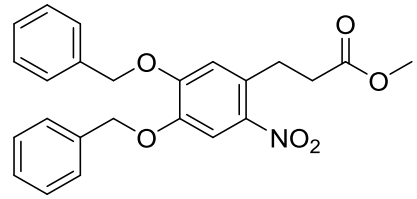
Methyl 3-(4,5-dimethoxy-2-nitrophenyl)propanoate (178)



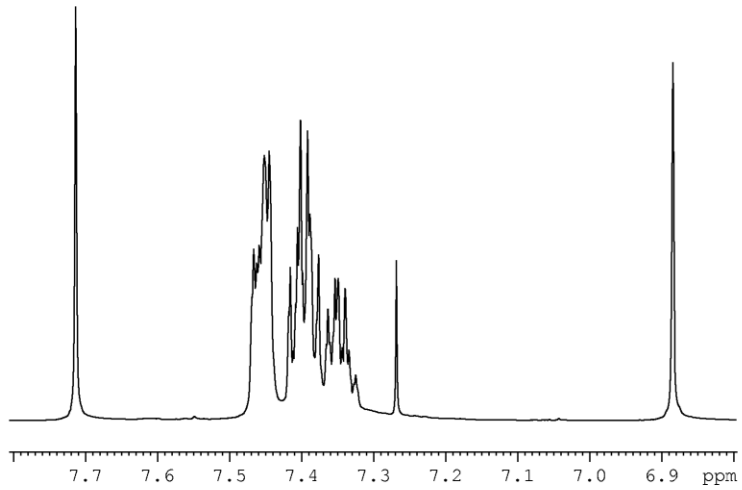

```
Current Data Parameters
NAME              tr4059
EXPNO                  2
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130311
Time               17.36
INSTRUM           avn400
PROBHD   5 mm PABBO BB/
PULPROG           zgpg30
TD                 32768
SOLVENT            CDCl3
NS                   256
DS                     4
SWH            26041.666 Hz
FIDRES          0.794729 Hz
AQ             0.6291456 sec
RG                205.43
DW                19.200 usec
DE                 6.50 usec
TE                296.1 K
D1           1.00000000 sec
D11          0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         100.6530073 MHz
NUC1                 13C
P1                  9.00 usec
PLW1         58.70000076 W

======== CHANNEL f2 ========
SFO2         400.2516010 MHz
NUC2                 1H
CPDPRG[2         waltz16
PCPD2              90.00 usec
PLW2         16.70000076 W
PLW12         0.32991999 W
PLW13         0.26723999 W

F2 - Processing parameters
SI                 32768
SF           100.6429430 MHz
WDW                  EM
SSB      0
LB                 1.00 Hz
GB       0
PC                 1.40
```

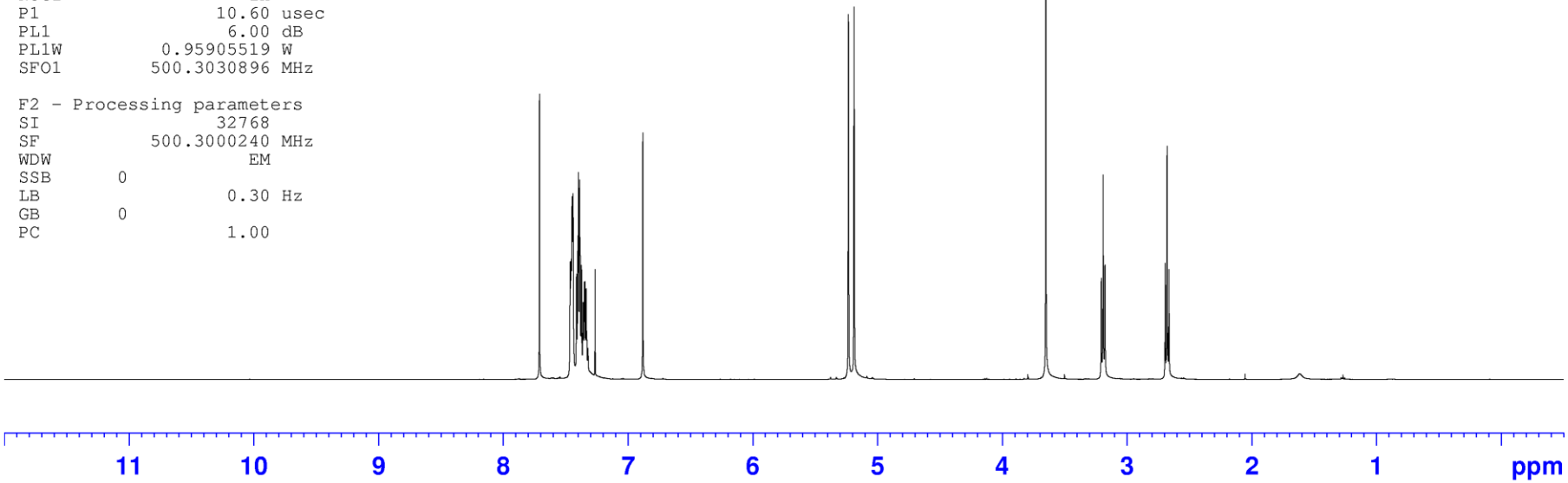


Methyl 3-(4,5-bis(benzyloxy)-2-nitrophenyl)propanoate (179)

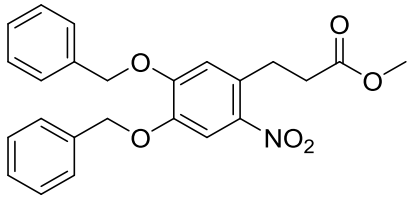



```
Current Data Parameters
NAME                 tr4070
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130424
Time                  8.46
INSTRUM              avc500
PROBHD    5 mm CPDUL 13C
PULPROG                zg30
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        4
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719425 sec
RG                      2.8
DW                   48.400 usec
DE                    6.00 usec
TE                   298.0 K
D1              1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
NUC1                     1H
P1                   10.60 usec
PL1                   6.00 dB
PL1W           0.95905519 W
SFO1          500.3030896 MHz

F2 - Processing parameters
SI                    32768
SF            500.3000240 MHz
WDW                      EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```

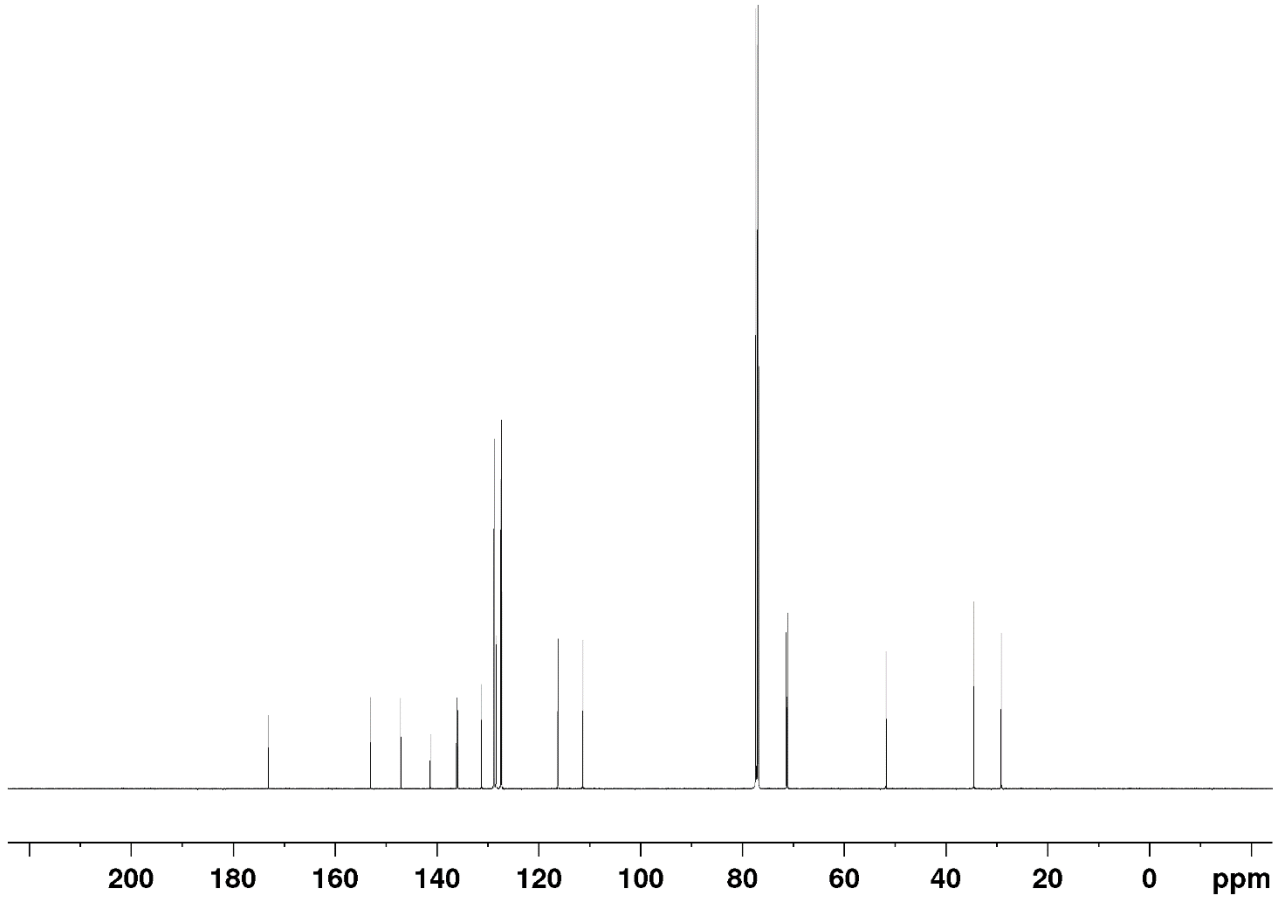




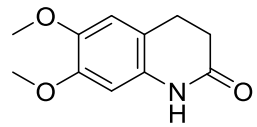
Methyl 3-(4,5-bis(benzyloxy)-2-nitrophenyl)propanoate (179)



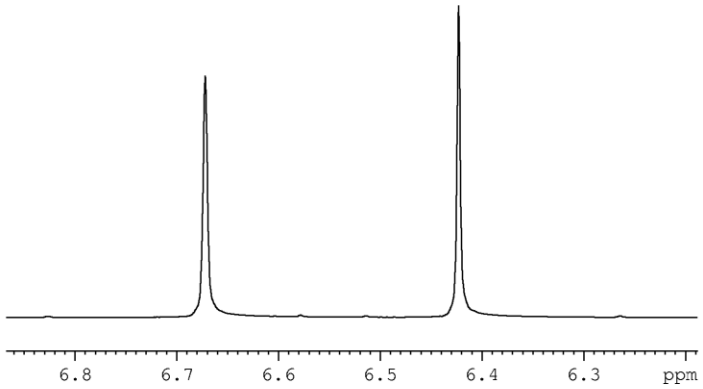

```
Current Data Parameters
NAME              tr4070
EXPNO                  4
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130424
Time               9.22
INSTRUM           avc500
PROBHD   5 mm CPDUL 13C
PULPROG           zgpg30
TD                65536
SOLVENT           CDCl3
NS                  256
DS                    2
SWH           31250.000 Hz
FIDRES         0.476837 Hz
AQ            1.0485760 sec
RG                  912
DW               16.000 usec
DE               20.00 usec
TE               298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                13C
P1                10.25 usec
PL1                8.00 dB
PL1W         1.62029624 W
SFO1        125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG[2         waltz16
NUC2                1H
PCPD2             80.00 usec
PL2                6.00 dB
PL12              23.56 dB
PL13              29.56 dB
PL2W         0.95905519 W
PL12W        0.01682068 W
PL13W        0.00422516 W
SFO2        500.3020012 MHz

F2 - Processing parameters
SI                32768
SF          125.8005270 MHz
WDW                EM
SSB       0
LB                1.00 Hz
GB        0
PC                1.40
```



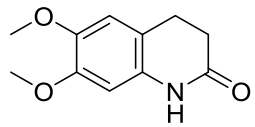
6,7-Dimethoxy-3,4-dihydroquinolin-2(1*H*)-one (180)



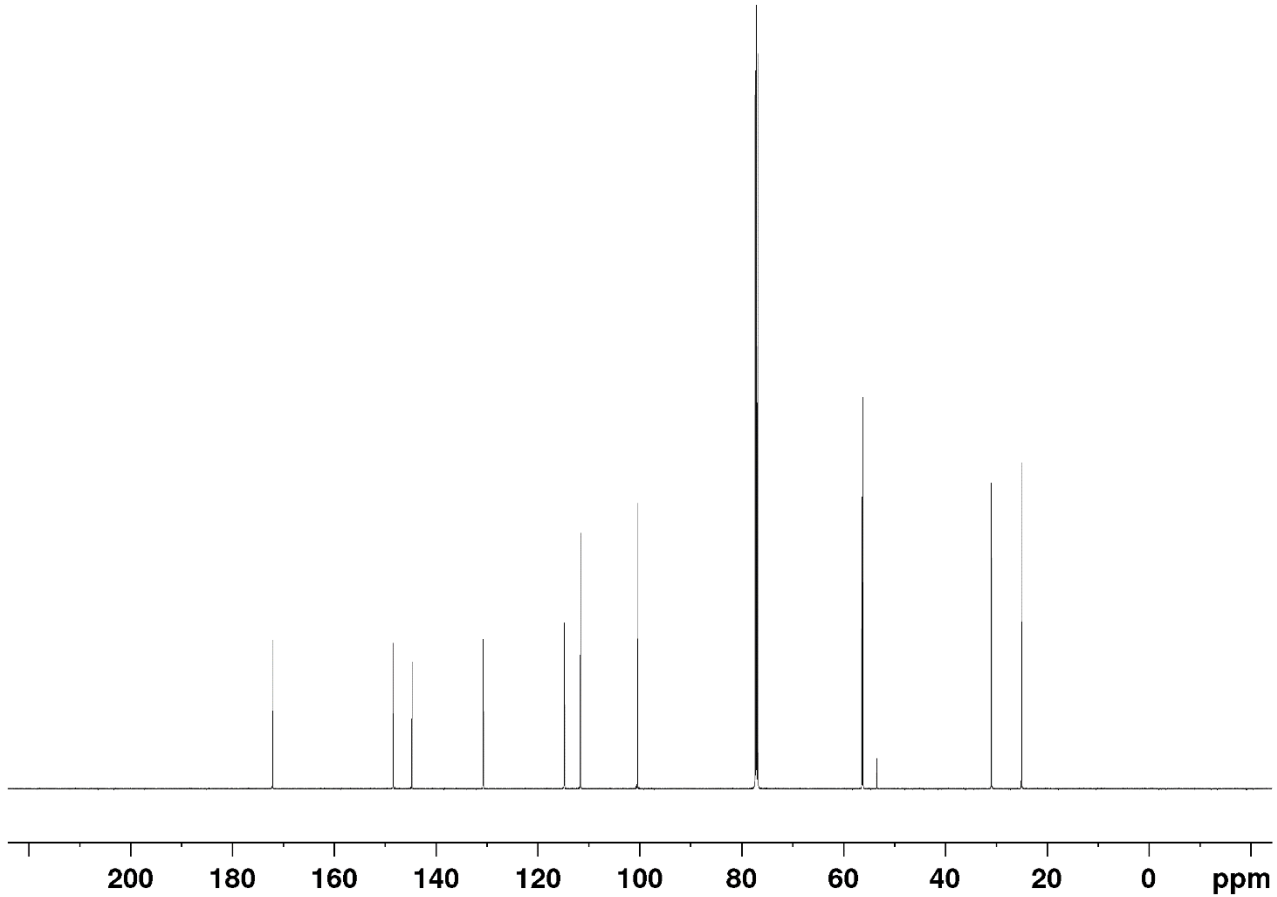

```
Current Data Parameters
NAME                 tr4062
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130414
Time                  9.40
INSTRUM              avc500
PROBHD    5 mm CPDUL 13C
PULPROG                zg30
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        4
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ                3.1719425 sec
RG                      2.8
DW                   48.400 usec
DE                    6.00 usec
TE                   298.0 K
D1               1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
NUC1                     1H
P1                    10.60 usec
PL1                    6.00 dB
PL1W            0.95905519 W
SFO1           500.3030896 MHz

F2 - Processing parameters
SI                    32768
SF             500.3000240 MHz
WDW                      EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```



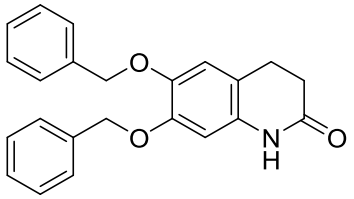
6,7-Dimethoxy-3,4-dihydroquinolin-2(1*H*)-one (180)



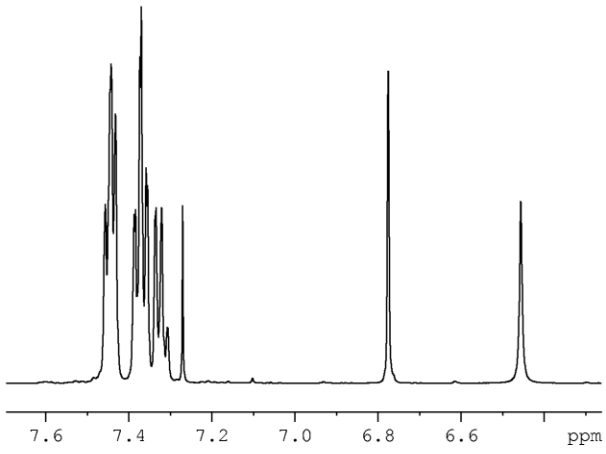

```
Current Data Parameters
NAME              tr4062
EXPNO                  4
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130414
Time               10.15
INSTRUM           avc500
PROBHD   5 mm CPDUL 13C
PULPROG           zgpg30
TD                 65536
SOLVENT            CDCl3
NS                   256
DS                     2
SWH            31250.000 Hz
FIDRES          0.476837 Hz
AQ             1.0485760 sec
RG                   912
DW                16.000 usec
DE                20.00 usec
TE                298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 13C
P1                 10.25 usec
PL1                 8.00 dB
PL1W         1.62029624 W
SFO1        125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG[2         waltz16
NUC2                 1H
PCPD2              80.00 usec
PL2                 6.00 dB
PL12               23.56 dB
PL13               29.56 dB
PL2W         0.95905519 W
PL12W        0.01682068 W
PL13W        0.00422516 W
SFO2        500.3020012 MHz

F2 - Processing parameters
SI                 32768
SF          125.8005438 MHz
WDW                   EM
SSB      0
LB                 1.00 Hz
GB       0
PC                 1.40
```



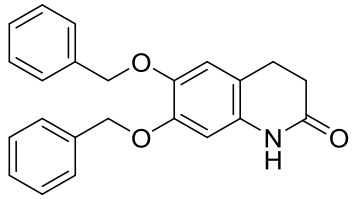
6,7-Bis(benzyloxy)-3,4-dihydroquinolin-2(1*H*)-one (181)



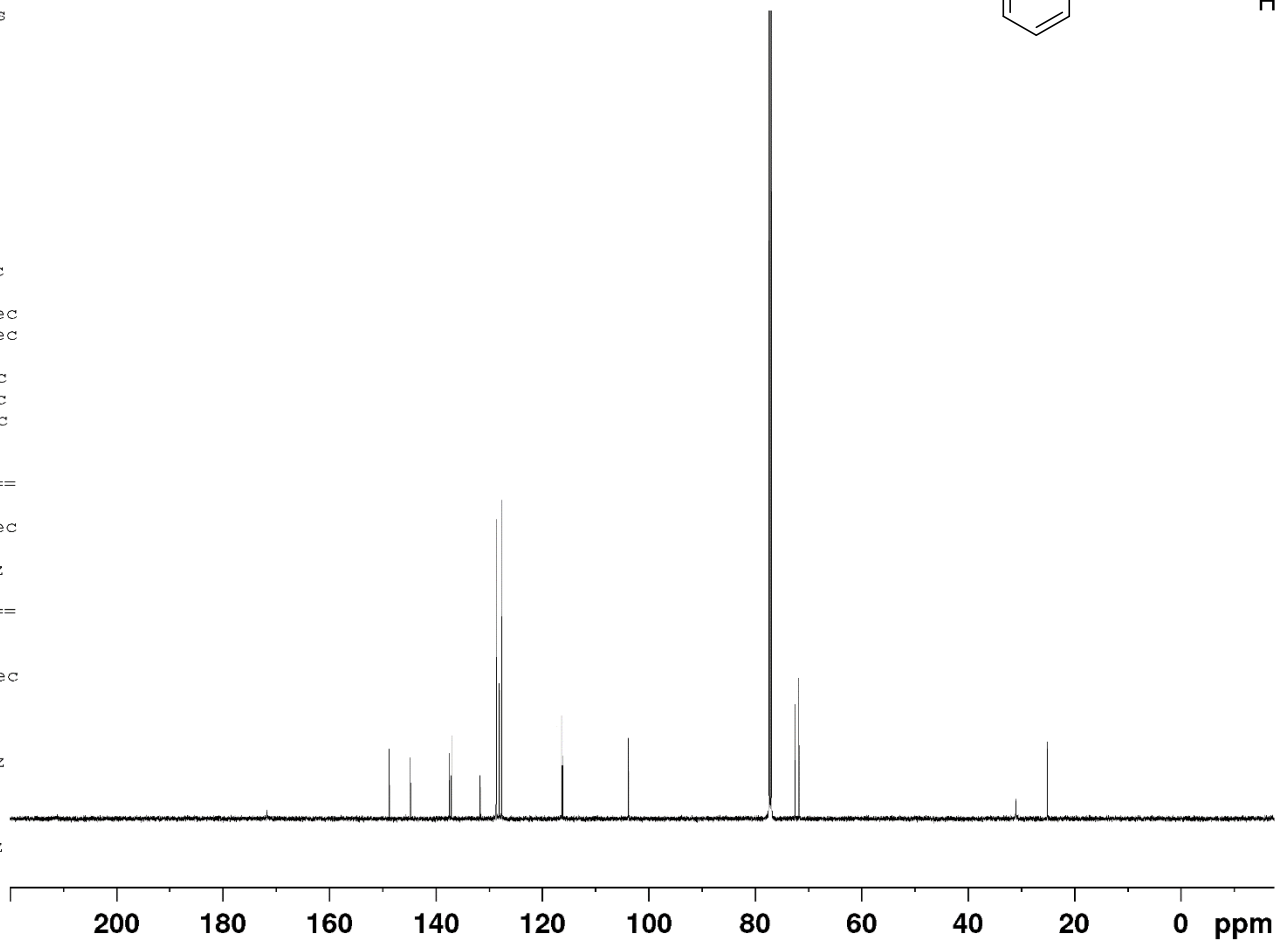

```
Current Data Parameters
NAME                 tr4076
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130525
Time                  3.18
INSTRUM              drx500
PROBHD    5 mm PABBO BB/
PULPROG               zg60
TD                   65536
SOLVENT              CDCl3
NS                      16
DS                       2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ                3.1719425 sec
RG                      114
DW                   48.400 usec
DE                   17.00 usec
TE                   297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                     1H
P1                   11.00 usec
PL1       0 dB
SFO1          500.1325007 MHz

F2 - Processing parameters
SI                    32768
SF              500.1300237 MHz
WDW                      EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```



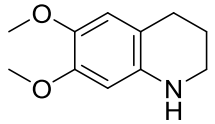
6,7-Bis(benzyloxy)-3,4-dihydroquinolin-2(1*H*)-one (181)



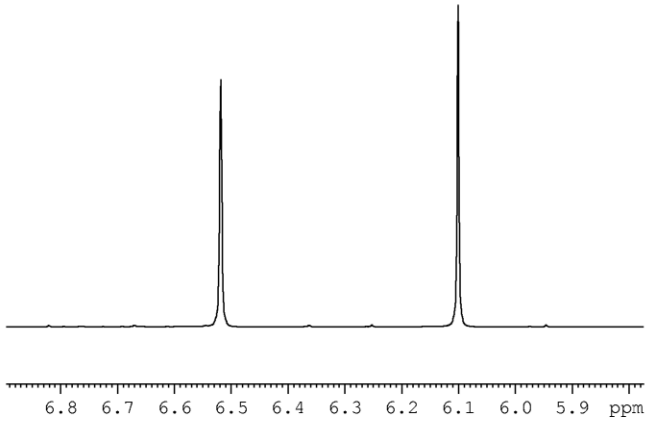

```
Current Data Parameters
NAME             tr4076
EXPNO                 2
PROCNO                1

F2 - Acquisition Parameters
Date_           20130525
Time               4.13
INSTRUM           drx500
PROBHD   5 mm PABBO BB/
PULPROG           zgpg30
TD                65536
SOLVENT            CDCl3
NS                 1024
DS                    4
SWH           30303.031 Hz
FIDRES         0.462388 Hz
AQ            1.0813440 sec
RG               7298.2
DW               16.500 usec
DE                11.00 usec
TE                297.7 K
D1           2.00000000 sec
d11          0.03000000 sec
DELTA        1.89999998 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                 13C
P1                  6.80 usec
PL1                 5.00 dB
SFO1        125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG[2         waltz16
NUC2                 1H
PCPD2             100.00 usec
PL2      0 dB
PL12                19.00 dB
PL13                23.00 dB
SFO2        500.1320005 MHz

F2 - Processing parameters
SI                32768
SF          125.7577793 MHz
WDW                  EM
SSB      0
LB                  1.00 Hz
GB       0
PC                  1.40
```



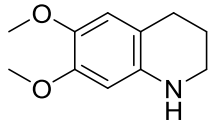
6,7-Dimethoxy-1,2,3,4-tetrahydroquinoline (166)



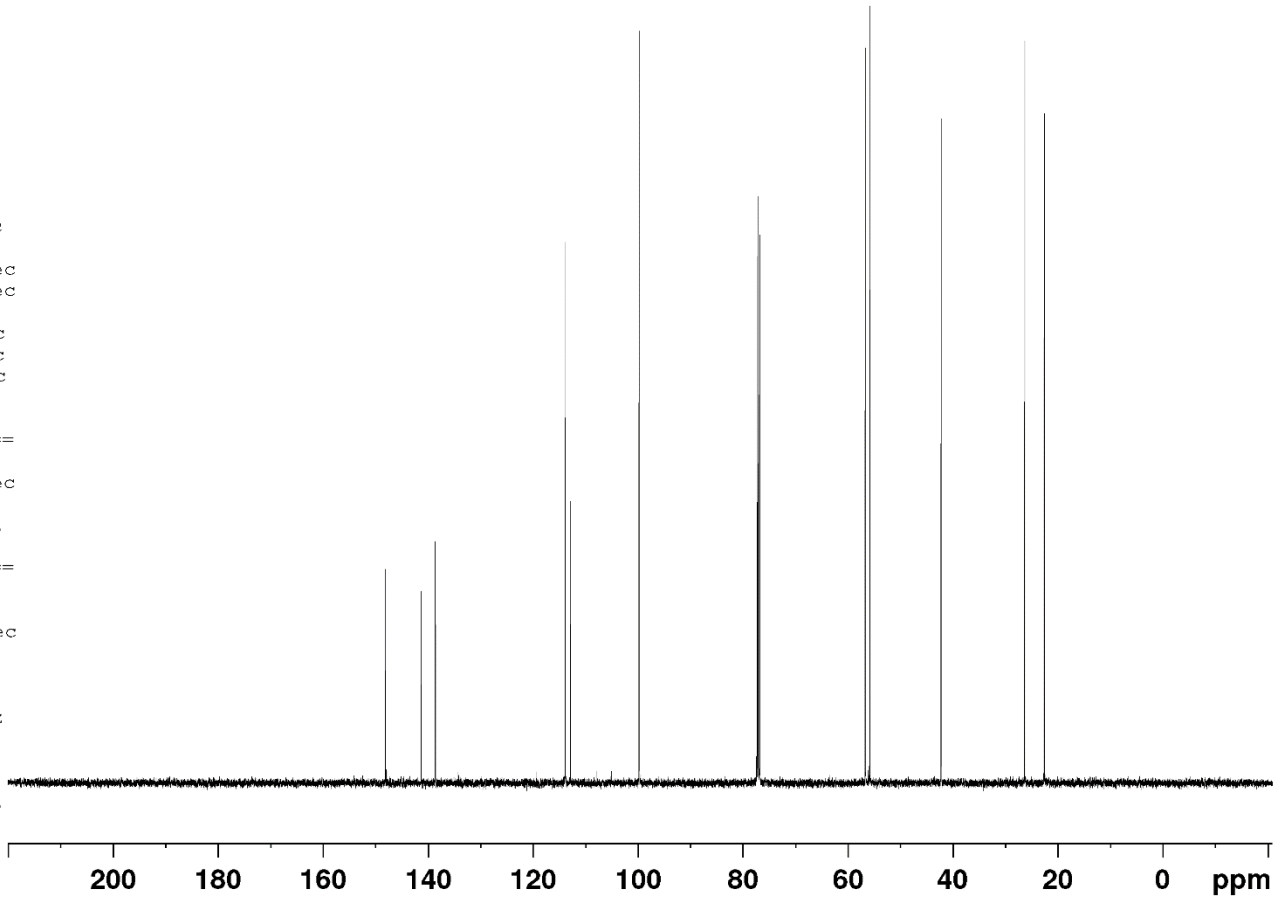

```
Current Data Parameters
NAME                 tr4073
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130423
Time                  7.24
INSTRUM              drx500
PROBHD    5 mm PABBO BB/
PULPROG               zg60
TD                   65536
SOLVENT              CDCl3
NS                      16
DS                       2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719425 sec
RG                      32
DW                  48.400 usec
DE                  17.00 usec
TE                  297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                    1H
P1                  11.00 usec
PL1       0 dB
SFO1          500.1325007 MHz

F2 - Processing parameters
SI                   32768
SF              500.1300237 MHz
WDW                     EM
SSB       0
LB                   0.30 Hz
GB        0
PC                   1.00
```



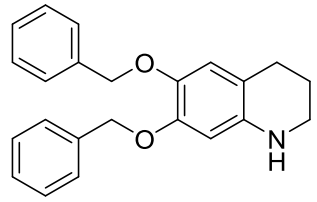
6,7-Dimethoxy-1,2,3,4-tetrahydroquinoline (166)



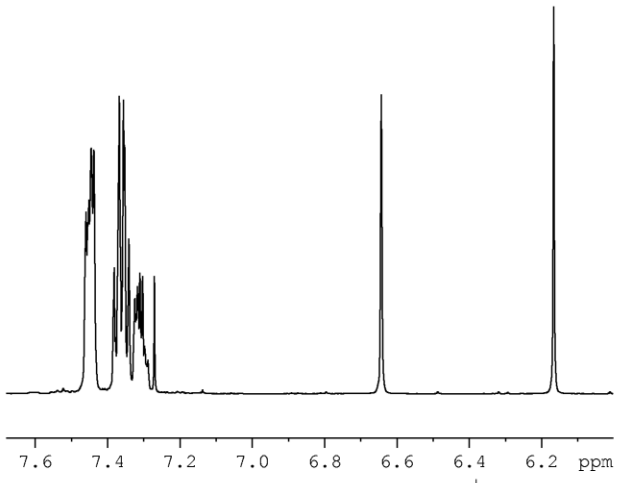

```
Current Data Parameters
NAME             tr4073
EXPNO                 2
PROCNO                1

F2 - Acquisition Parameters
Date_           20130423
Time               7.40
INSTRUM           drx500
PROBHD   5 mm PABBO BB/
PULPROG           zgpg30
TD                65536
SOLVENT           CDCl3
NS                  256
DS                    4
SWH           30303.031 Hz
FIDRES         0.462388 Hz
AQ            1.0813440 sec
RG               2298.8
DW               16.500 usec
DE                11.00 usec
TE                297.7 K
D1           2.00000000 sec
d11          0.03000000 sec
DELTA        1.89999998 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                 13C
P1                  6.80 usec
PL1                 5.00 dB
SFO1        125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG[2         waltz16
NUC2                 1H
PCPD2             100.00 usec
PL2      0 dB
PL12                19.00 dB
PL13                23.00 dB
SFO2        500.1320005 MHz

F2 - Processing parameters
SI                32768
SF          125.7577892 MHz
WDW                  EM
SSB      0
LB                1.00 Hz
GB       0
PC                1.40
```

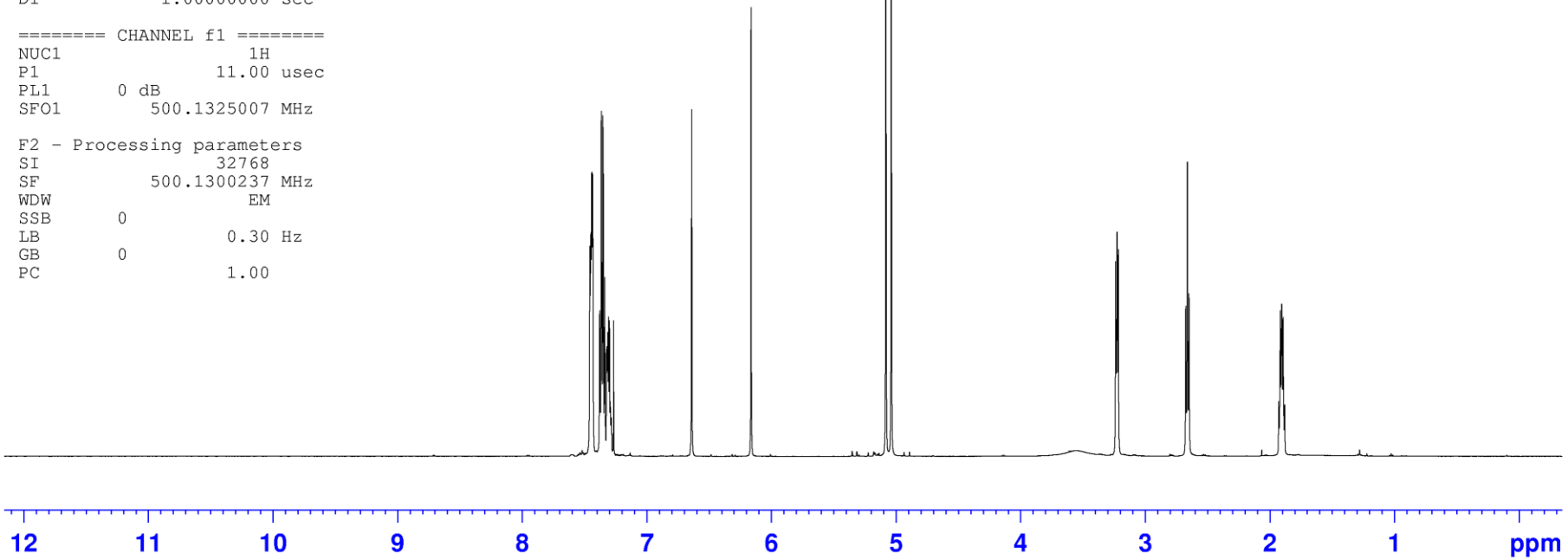


6,7-Bis(benzyloxy)-1,2,3,4-tetrahydroquinoline (167)

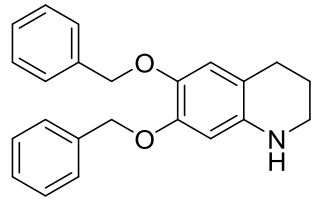



```
Current Data Parameters
NAME                 tr4081
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_             20130525
Time                  6.08
INSTRUM             drx500
PROBHD    5 mm PABBO BB/
PULPROG               zg60
TD                   65536
SOLVENT              CDCl3
NS                      16
DS                       2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ                3.1719425 sec
RG                    101.6
DW                   48.400 usec
DE                   17.00 usec
TE                   297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                     1H
P1                   11.00 usec
PL1       0 dB
SFO1          500.1325007 MHz

F2 - Processing parameters
SI                   32768
SF             500.1300237 MHz
WDW                     EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```

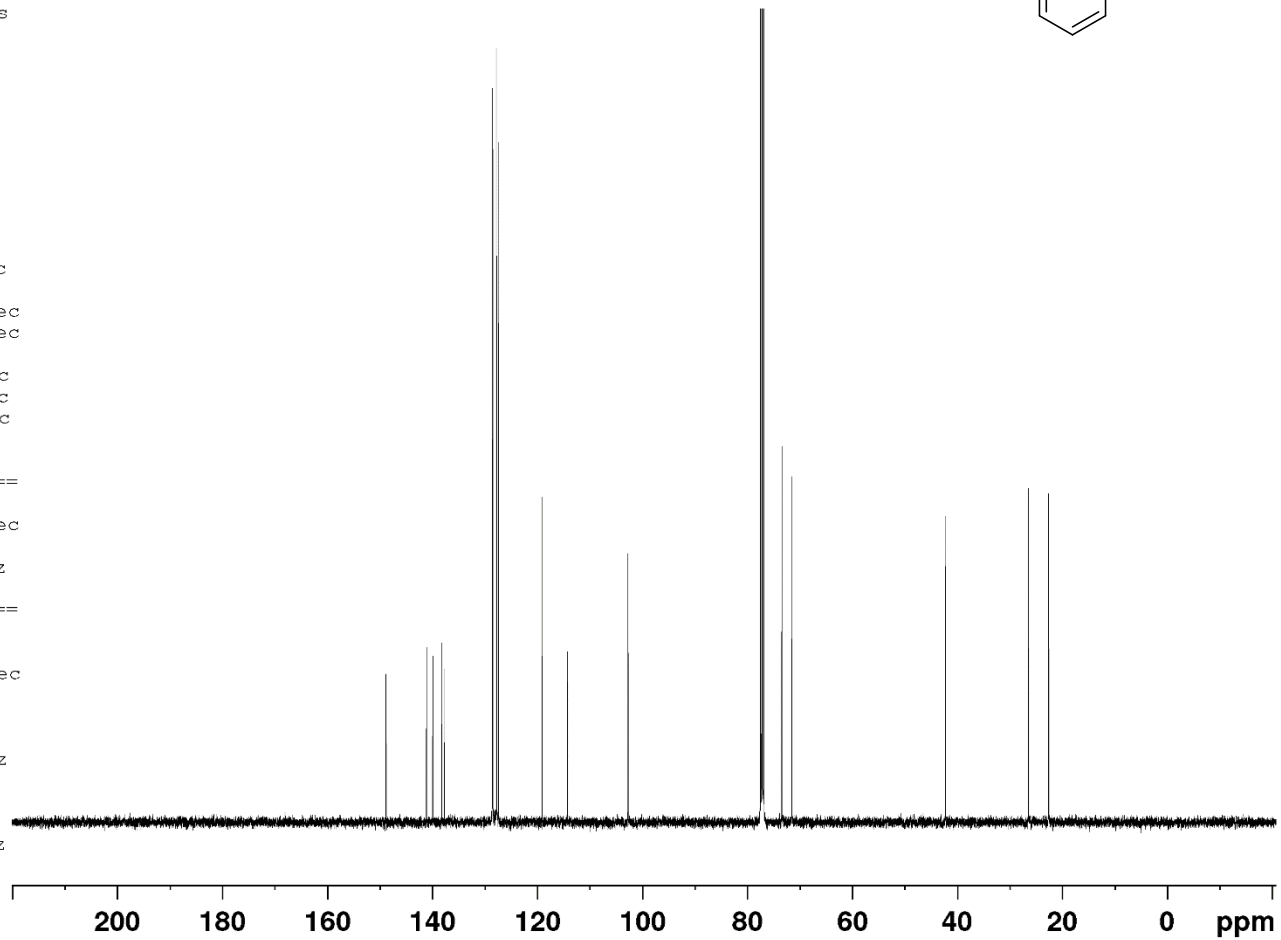




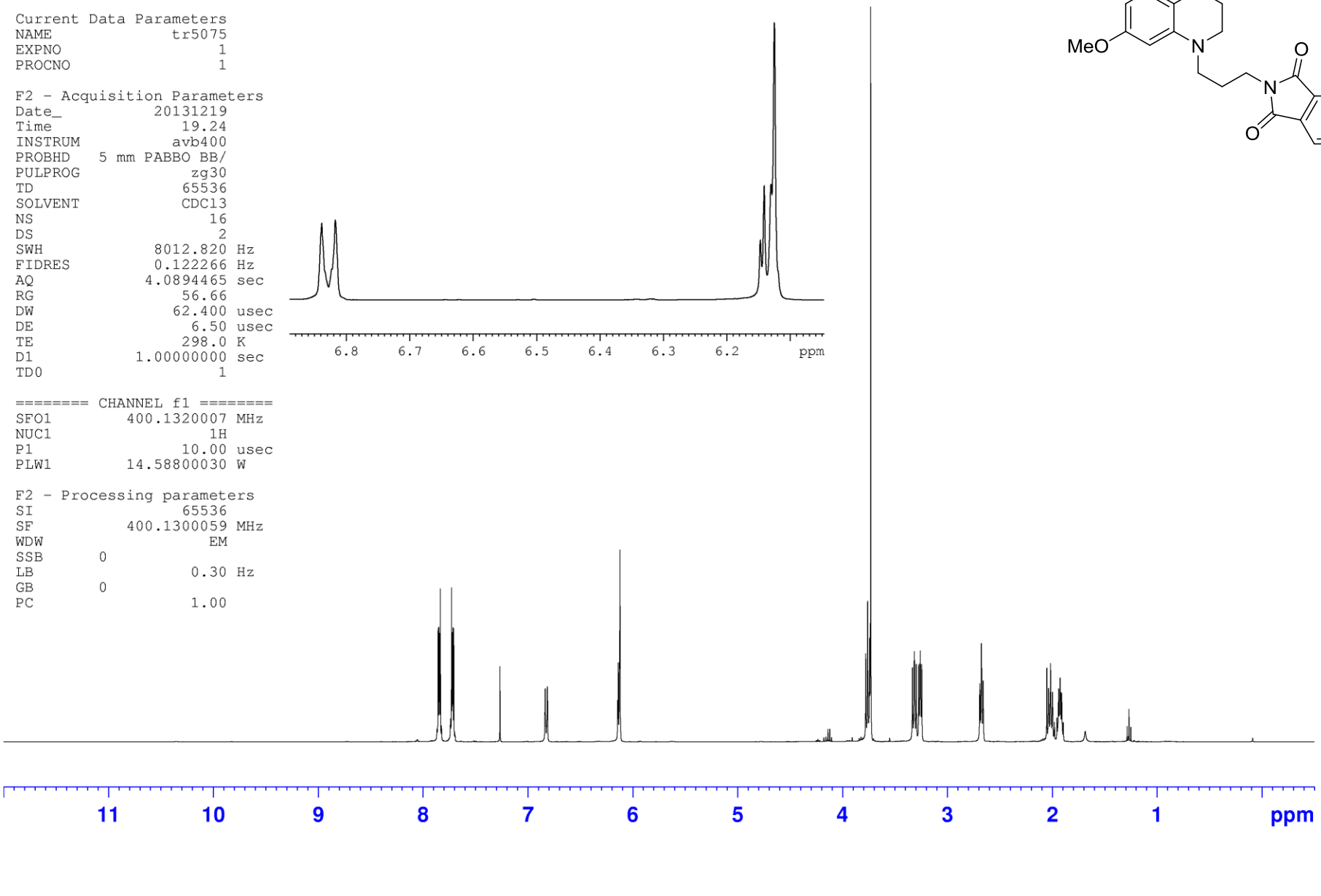
6,7-Bis(benzyloxy)-1,2,3,4-tetrahydroquinoline (167)



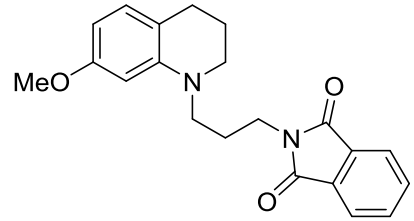

```
Current Data Parameters
NAME             tr4081
EXPNO                 2
PROCNO                1

F2 - Acquisition Parameters
Date_           20130525
Time               7.03
INSTRUM           drx500
PROBHD   5 mm PABBO BB/
PULPROG           zgpg30
TD                 65536
SOLVENT            CDCl3
NS                  1024
DS                     4
SWH           30303.031 Hz
FIDRES         0.462388 Hz
AQ            1.0813440 sec
RG                 13004
DW                16.500 usec
DE                 11.00 usec
TE                 297.7 K
D1           2.00000000 sec
d11          0.03000000 sec
DELTA        1.89999998 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 13C
P1                  6.80 usec
PL1                 5.00 dB
SFO1        125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG[2         waltz16
NUC2                 1H
PCPD2             100.00 usec
PL2       0 dB
PL12                19.00 dB
PL13                23.00 dB
SFO2        500.1320005 MHz

F2 - Processing parameters
SI                 32768
SF          125.7577795 MHz
WDW                   EM
SSB       0
LB                  1.00 Hz
GB        0
PC                  1.40
```



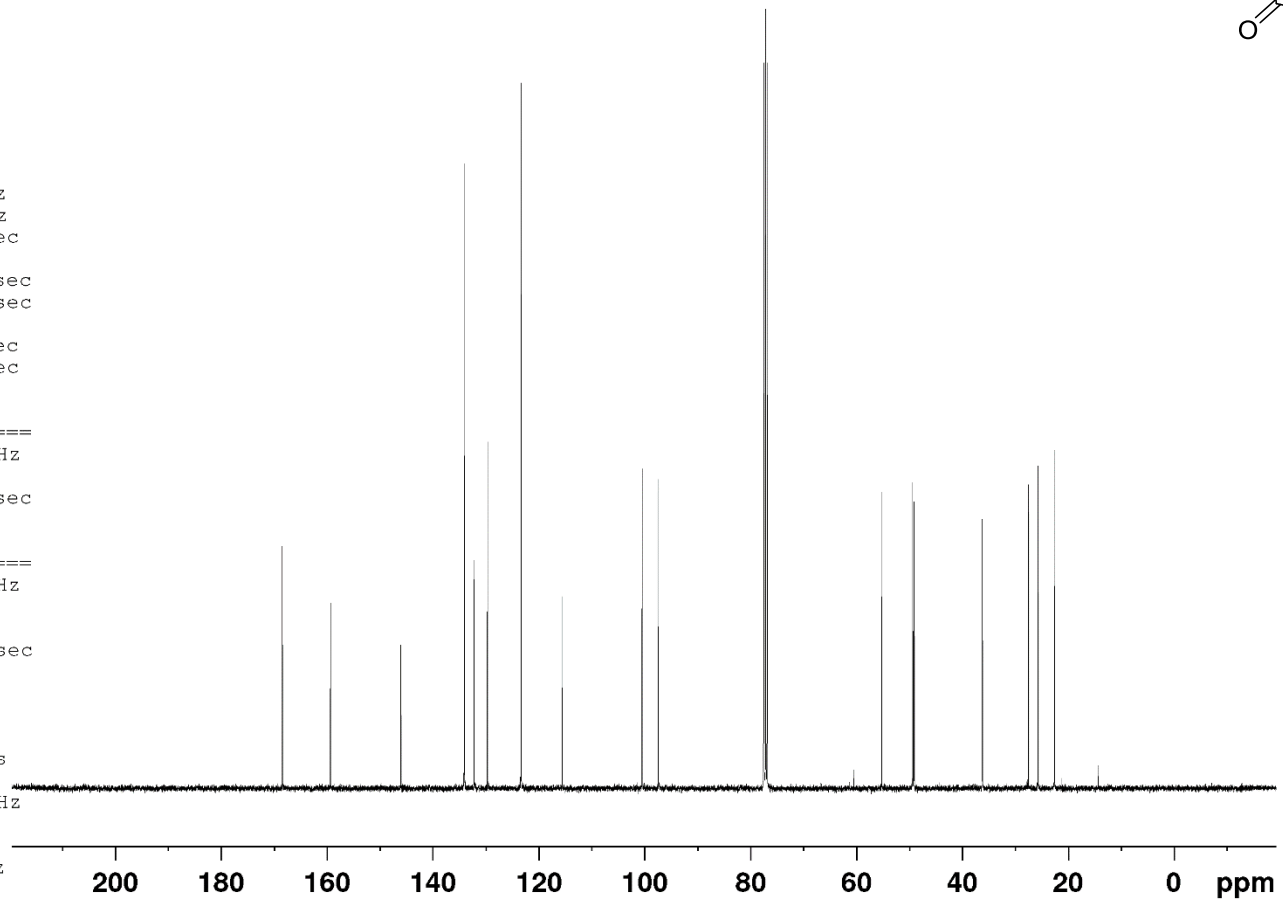
2-[3-(7-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (184)



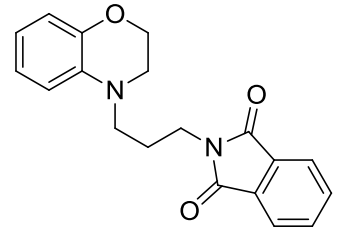
2-[3-(7-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (184)



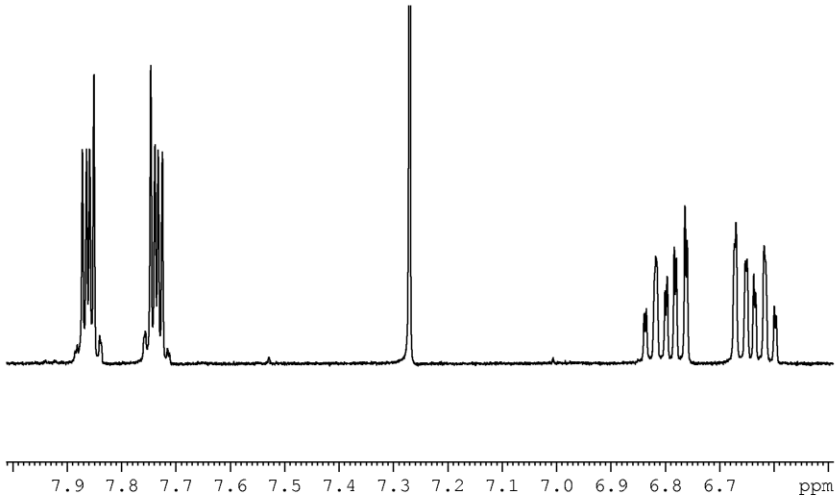

```
Current Data Parameters
NAME             tr5075
EXPNO                 3
PROCNO                1

F2 - Acquisition Parameters
Date_          20131219
Time              20.29
INSTRUM          avb400
PROBHD   5 mm PABBO BB/
PULPROG          zgpg30
TD                65536
SOLVENT           CDCl3
NS                 1024
DS                    4
SWH           24038.461 Hz
FIDRES         0.366798 Hz
AQ            1.3631488 sec
RG               197.74
DW               20.800 usec
DE                6.50 usec
TE               298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
SFO1        100.6228303 MHz
NUC1                13C
P1                10.00 usec
PLW1        60.95399857 W

======== CHANNEL f2 ========
SFO2        400.1316005 MHz
NUC2                1H
CPDPRG[2         waltz16
PCPD2             70.00 usec
PLW2        14.58800030 W
PLW12        0.29771000 W
PLW13        0.14588000 W

F2 - Processing parameters
SI                32768
SF          100.6127571 MHz
WDW                  EM
SSB      0
LB                1.00 Hz
GB       0
PC                1.40
```

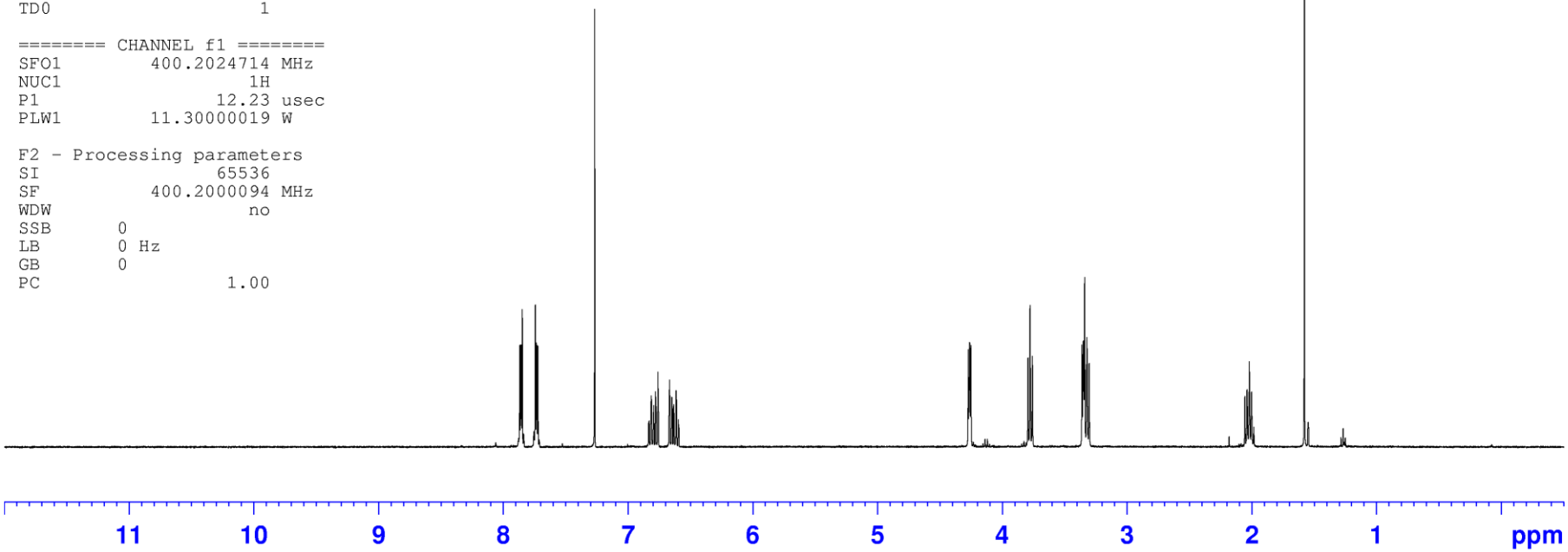


2-[3-(2,3-Dihydro-4*H*-1,4-benzoxazin-4-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (185)

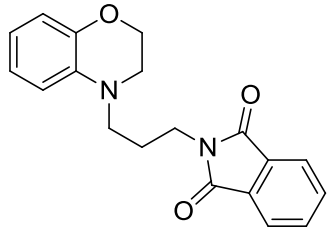



```
Current Data Parameters
NAME                  tr4088
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20131021
Time                   18.19
INSTRUM                avg400
PROBHD    5 mm QNP 1H/13
PULPROG                 zg30
TD                     65536
SOLVENT                CDC13
NS                        16
DS                         2
SWH                10000.000 Hz
FIDRES             0.152588 Hz
AQ                 3.2767999 sec
RG                    568.78
DW                    50.000 usec
DE                     6.50 usec
TE                     294.3 K
D1                 1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
SFO1              400.2024714 MHz
NUC1                      1H
P1                     12.23 usec
PLW1              11.30000019 W

F2 - Processing parameters
SI                     65536
SF                400.2000094 MHz
WDW                       no
SSB       0
LB        0 Hz
GB        0
PC                      1.00
```

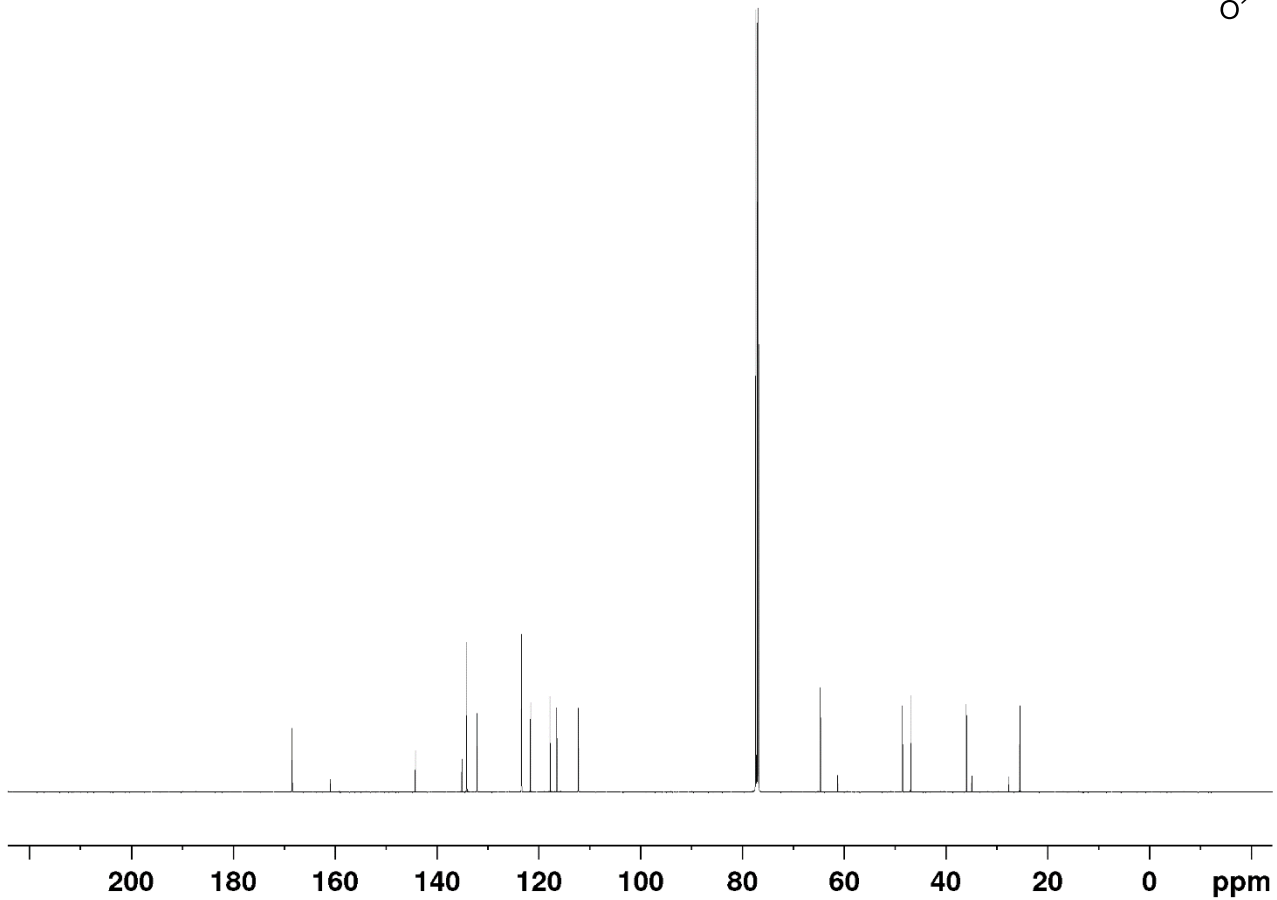




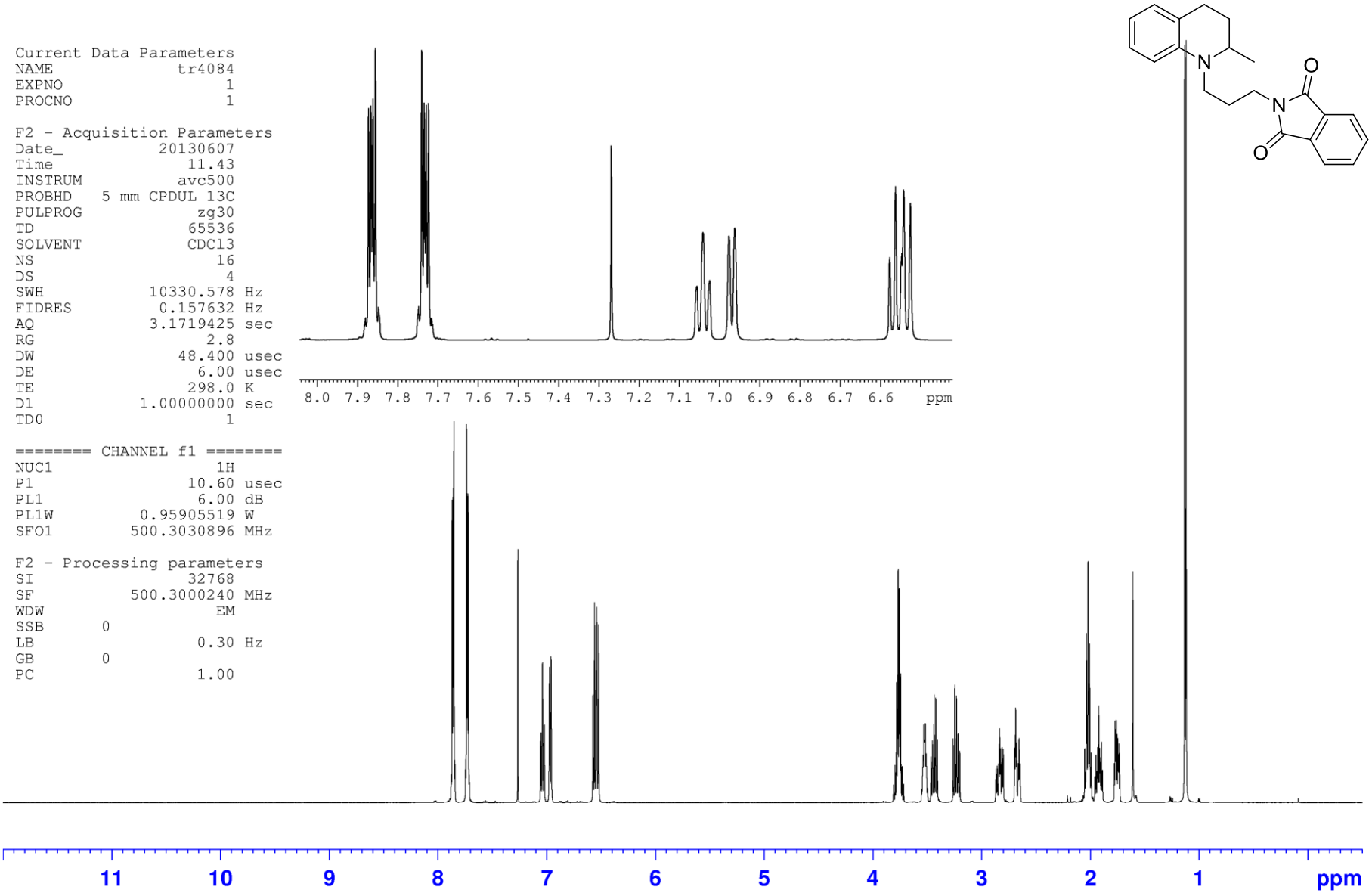
2-[3-(2,3-Dihydro-4*H*-1,4-benzoxazin-4-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (185)



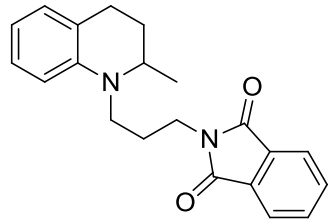

```
Current Data Parameters
NAME              tr4088
EXPNO                  4
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130607
Time               14.27
INSTRUM           avc500
PROBHD   5 mm CPDUL 13C
PULPROG           zgpg30
TD                 65536
SOLVENT            CDCl3
NS                   512
DS                     2
SWH            31250.000 Hz
FIDRES          0.476837 Hz
AQ             1.0485760 sec
RG                   912
DW                16.000 usec
DE                20.00 usec
TE                298.0 K
D1            2.00000000 sec
D11           0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 13C
P1                 10.25 usec
PL1                 8.00 dB
PL1W          1.62029624 W
SFO1         125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG[2          waltz16
NUC2                 1H
PCPD2              80.00 usec
PL2                 6.00 dB
PL12               23.56 dB
PL13               29.56 dB
PL2W          0.95905519 W
PL12W         0.01682068 W
PL13W         0.00422516 W
SFO2         500.3020012 MHz

F2 - Processing parameters
SI                 32768
SF           125.8005263 MHz
WDW                   EM
SSB       0
LB                 1.00 Hz
GB        0
PC                 1.40
```



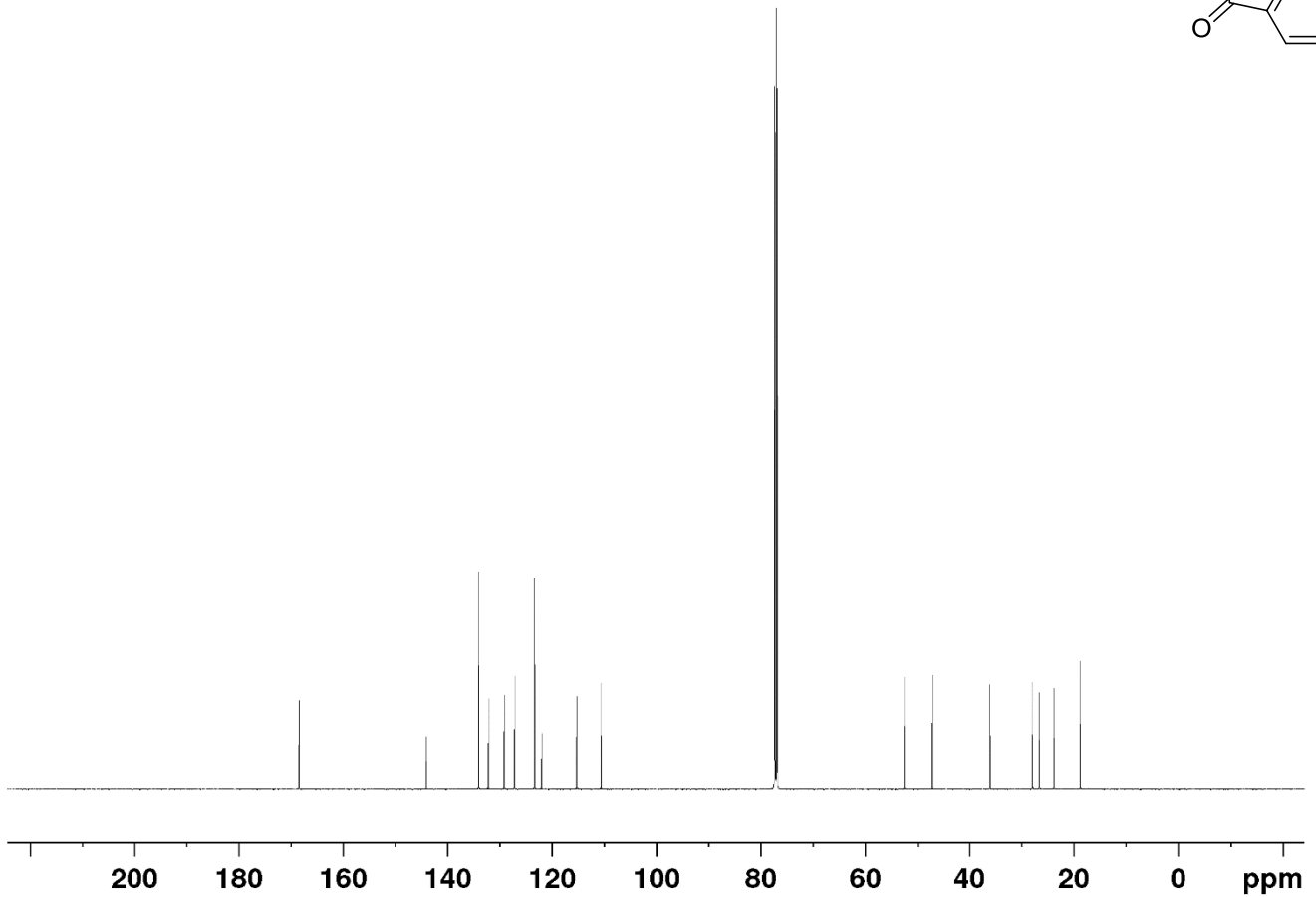
2-[3-(2-Methyl-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (186)



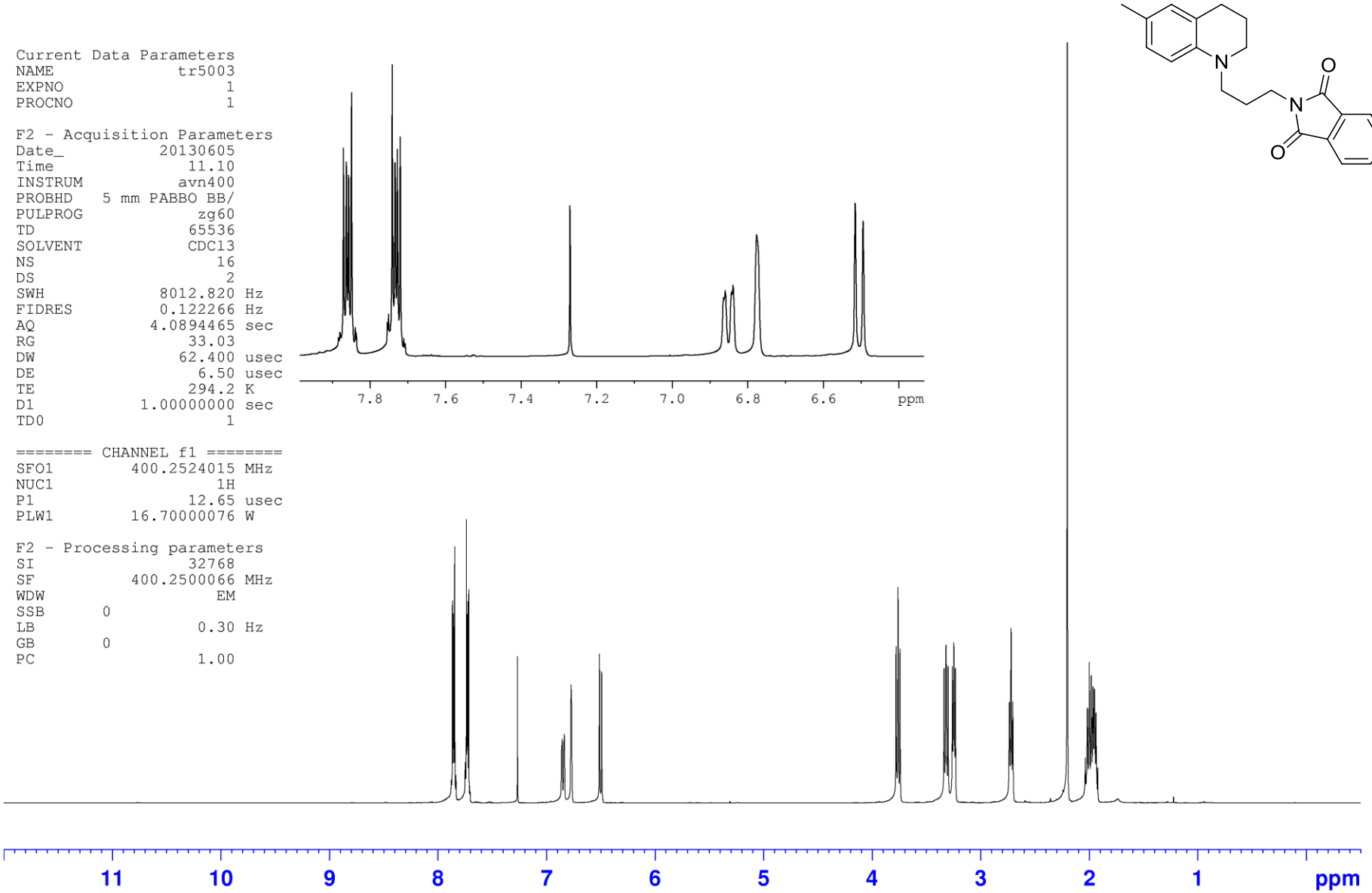
2-[3-(2-Methyl-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (186)



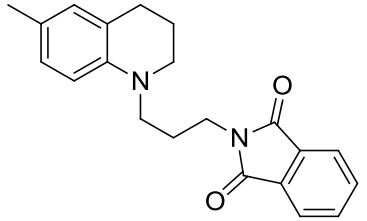

```
Current Data Parameters
NAME              tr4084
EXPNO                  4
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130607
Time               12.32
INSTRUM           avc500
PROBHD   5 mm CPDUL 13C
PULPROG           zgpg30
TD                 65536
SOLVENT            CDCl3
NS                   512
DS                     2
SWH           31250.000 Hz
FIDRES         0.476837 Hz
AQ            1.0485760 sec
RG                   912
DW               16.000 usec
DE               20.00 usec
TE                298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 13C
P1                10.25 usec
PL1                8.00 dB
PL1W         1.62029624 W
SFO1        125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG[2         waltz16
NUC2                 1H
PCPD2             80.00 usec
PL2                6.00 dB
PL12               23.56 dB
PL13               29.56 dB
PL2W          0.95905519 W
PL12W         0.01682068 W
PL13W         0.00422516 W
SFO2        500.3020012 MHz

F2 - Processing parameters
SI                 32768
SF          125.8005247 MHz
WDW                   EM
SSB      0
LB                 1.00 Hz
GB       0
PC                 1.40
```



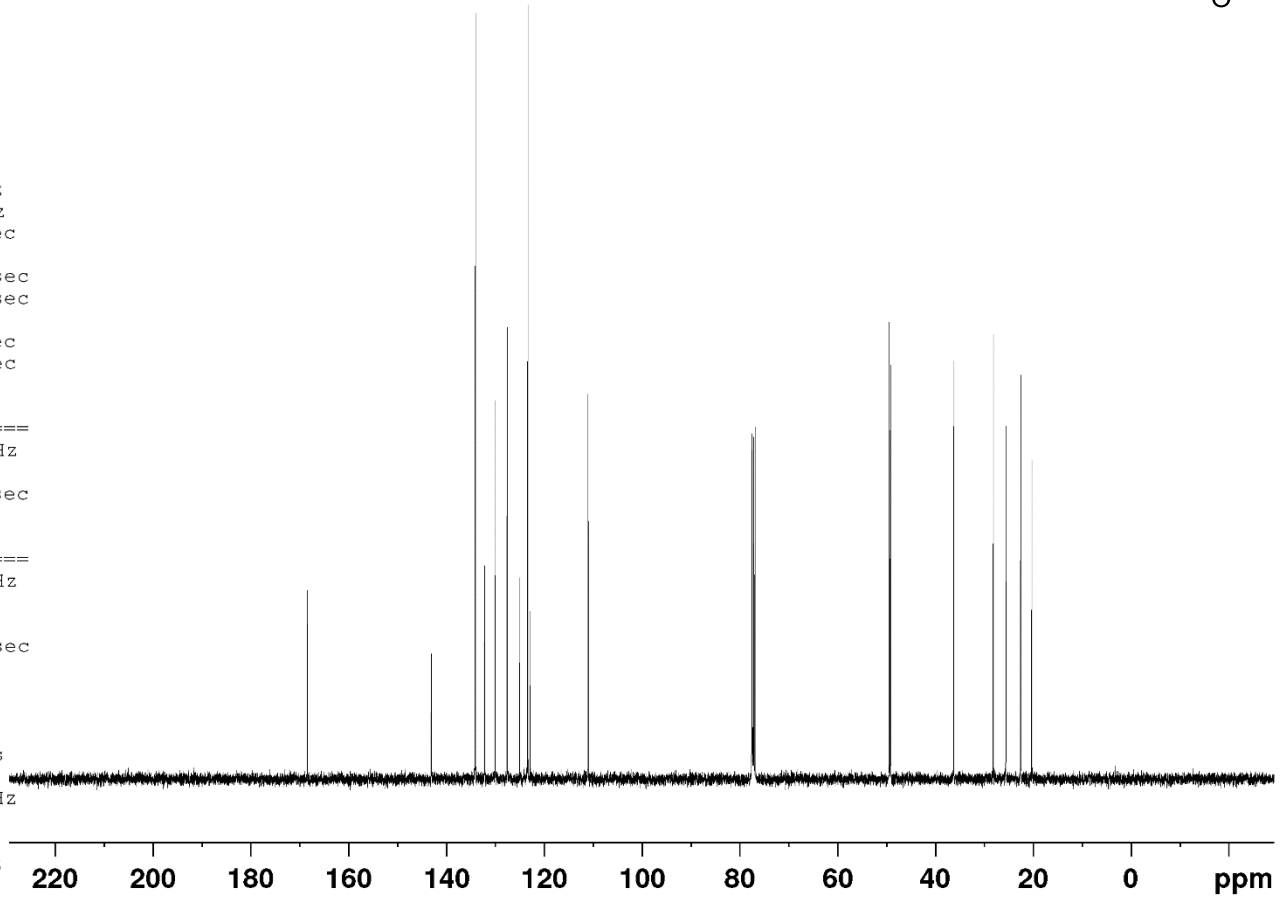
2-[3-(6-Methyl-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (187)



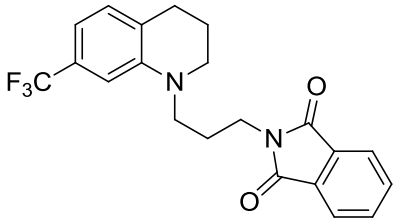
2-[3-(6-Methyl-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (187)



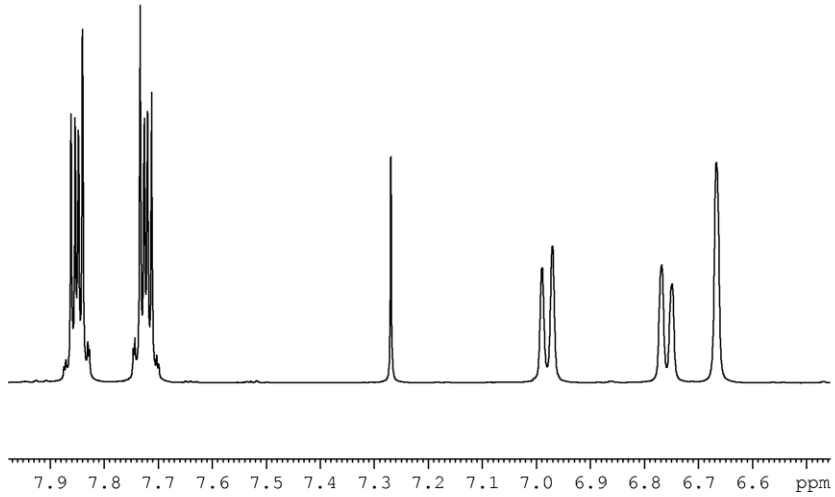

```
Current Data Parameters
NAME             tr5003
EXPNO                 2
PROCNO                1

F2 - Acquisition Parameters
Date_          20130605
Time              11.18
INSTRUM           avn400
PROBHD   5 mm PABBO BB/
PULPROG           zgpg30
TD                32768
SOLVENT            CDCl3
NS                   256
DS                     4
SWH            26041.666 Hz
FIDRES          0.794729 Hz
AQ             0.6291456 sec
RG                205.43
DW                19.200 usec
DE                 6.50 usec
TE                295.4 K
D1           1.00000000 sec
D11          0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         100.6530073 MHz
NUC1                 13C
P1                  9.00 usec
PLW1         58.70000076 W

======== CHANNEL f2 ========
SFO2         400.2516010 MHz
NUC2                 1H
CPDPRG[2         waltz16
PCPD2               90.00 usec
PLW2         16.70000076 W
PLW12         0.32991999 W
PLW13         0.26723999 W

F2 - Processing parameters
SI                 32768
SF           100.6429367 MHz
WDW                   EM
SSB      0
LB                 1.00 Hz
GB       0
PC                 1.40
```

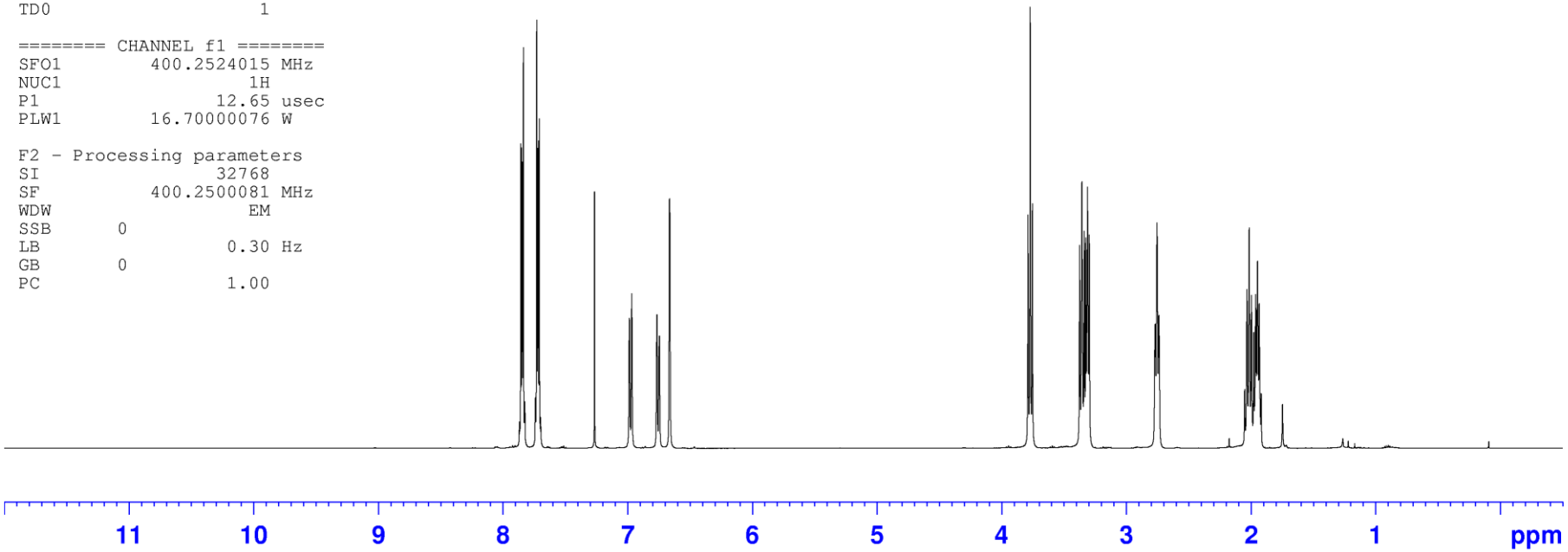


2-{3-[7-(Trifluoromethyl)-3,4-dihydroquinolin-1(2*H*)-yl]propyl}-1*H*-isoindole-1,3(2*H*)-dione (188)

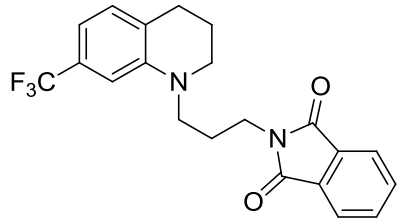



```
Current Data Parameters
NAME                 tr5051
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130808
Time                  5.35
INSTRUM             avn400
PROBHD    5 mm PABBO BB/
PULPROG               zg60
TD                   65536
SOLVENT              CDCl3
NS                      16
DS                       2
SWH                8012.820 Hz
FIDRES             0.122266 Hz
AQ                 4.0894465 sec
RG                    29.07
DW                   62.400 usec
DE                    6.50 usec
TE                   294.5 K
D1              1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
SFO1           400.2524015 MHz
NUC1                   1H
P1                   12.65 usec
PLW1           16.70000076 W

F2 - Processing parameters
SI                    32768
SF             400.2500081 MHz
WDW                      EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```

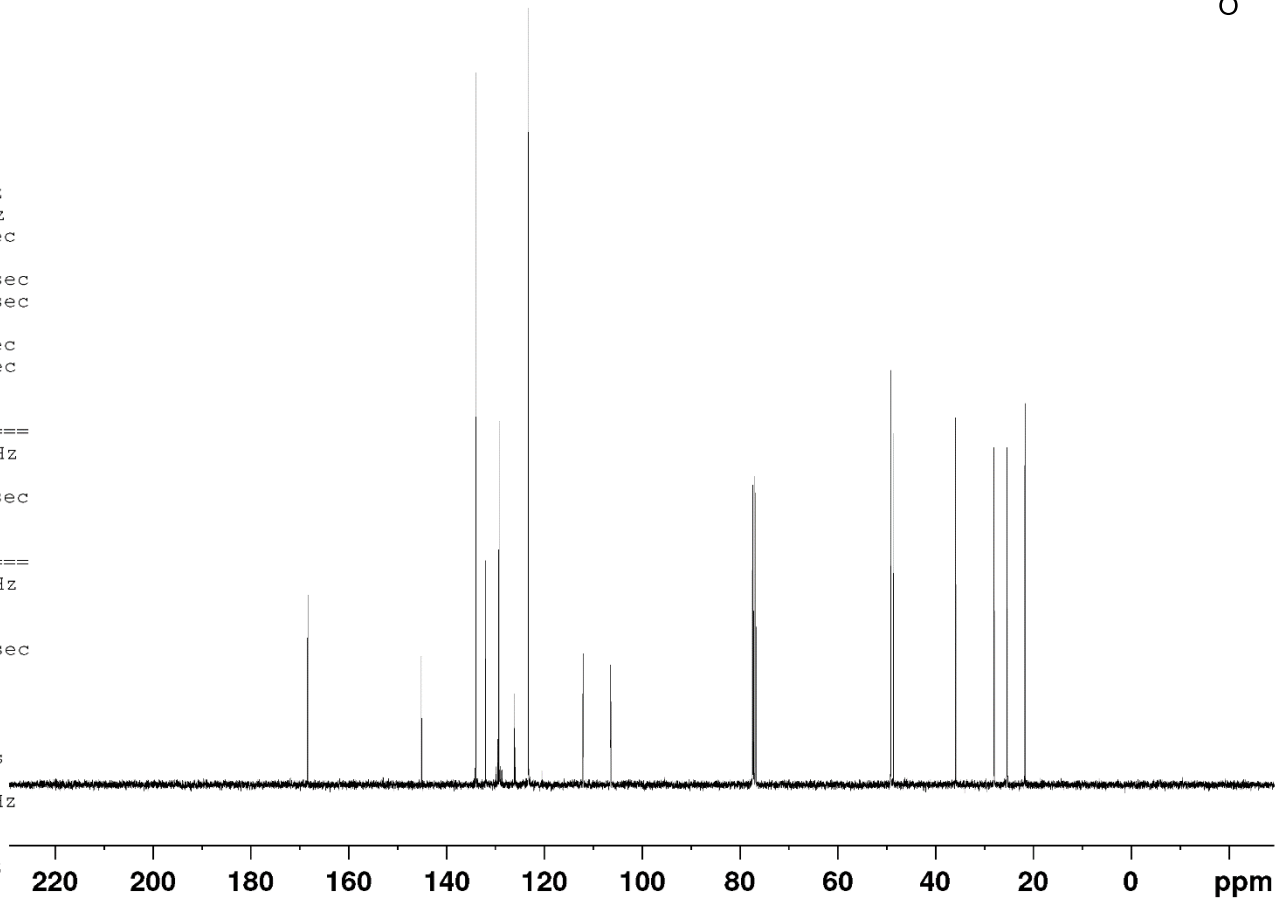




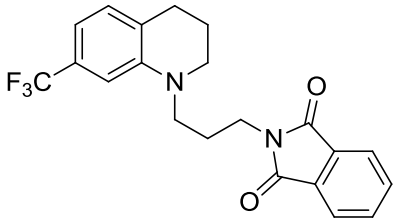
2-{3-[7-(Trifluoromethyl)-3,4-dihydroquinolin-1(2*H*)-yl]propyl}-1*H*-isoindole-1,3(2*H*)-dione (188)



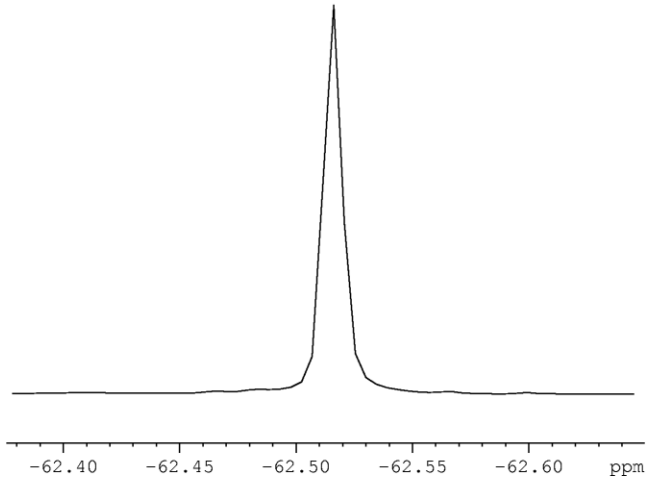

```
Current Data Parameters
NAME             tr5051
EXPNO                 4
PROCNO                1

F2 - Acquisition Parameters
Date_          20130808
Time               5.50
INSTRUM          avn400
PROBHD   5 mm PABBO BB/
PULPROG          zgpg30
TD                32768
SOLVENT           CDCl3
NS                  256
DS                    4
SWH           26041.666 Hz
FIDRES         0.794729 Hz
AQ            0.6291456 sec
RG               205.43
DW               19.200 usec
DE                6.50 usec
TE               295.7 K
D1           1.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
SFO1        100.6530073 MHz
NUC1                13C
P1                 9.00 usec
PLW1        58.70000076 W

======== CHANNEL f2 ========
SFO2        400.2516010 MHz
NUC2                1H
CPDPRG[2         waltz16
PCPD2              90.00 usec
PLW2        16.70000076 W
PLW12        0.32991999 W
PLW13        0.26723999 W

F2 - Processing parameters
SI                 32768
SF          100.6429360 MHz
WDW                EM
SSB      0
LB                 1.00 Hz
GB       0
PC                 1.40
```



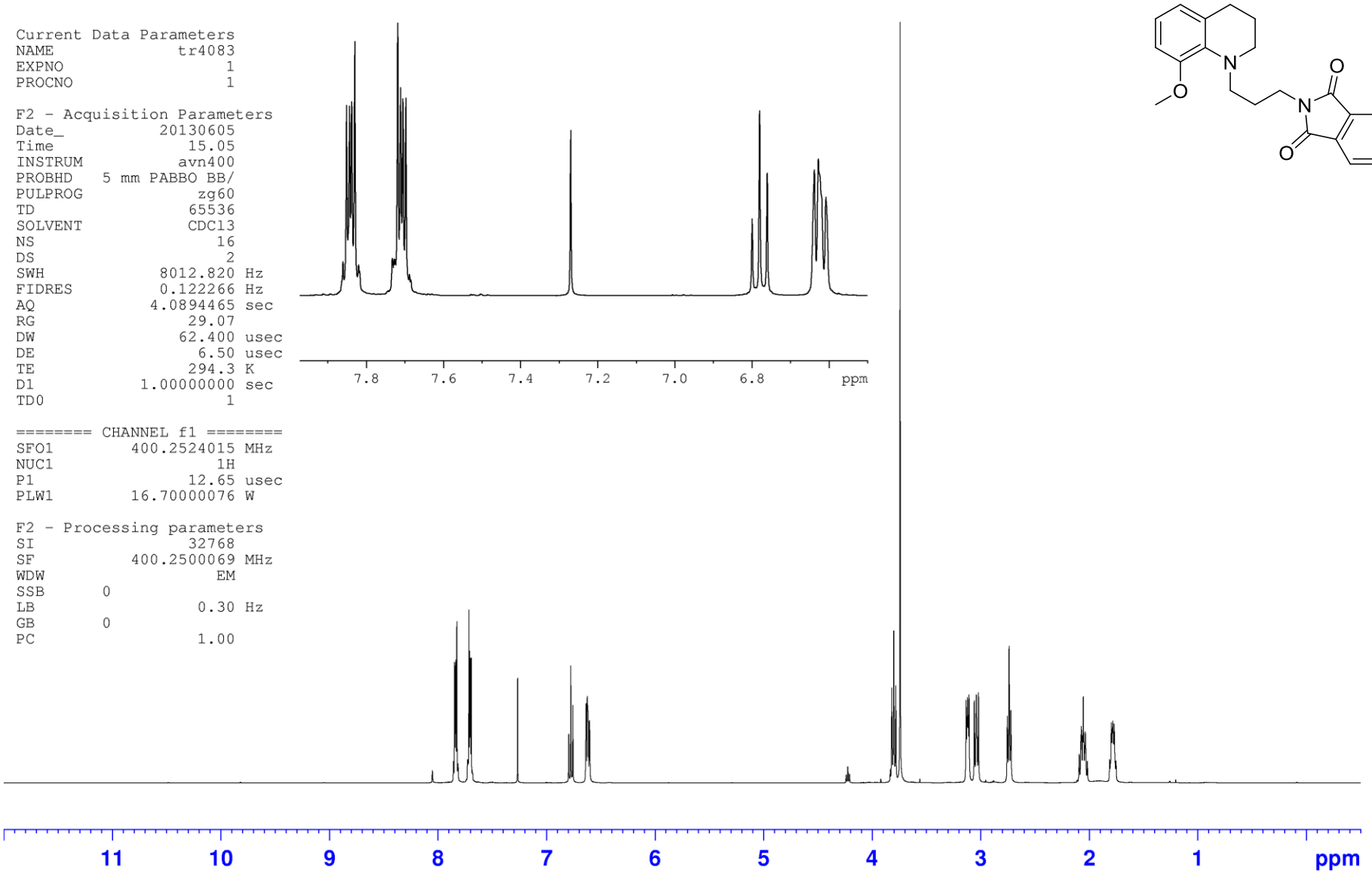
2-{3-[7-(Trifluoromethyl)-3,4-dihydroquinolin-1(2*H*)-yl]propyl}-1*H*-isoindole-1,3(2*H*)-dione (188)



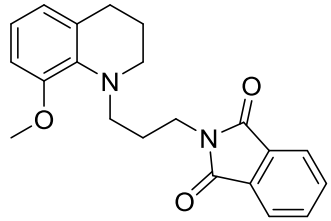

```
Current Data Parameters
NAME                  tr5051
EXPNO                      7
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130808
Time                    6.17
INSTRUM                avn400
PROBHD    5 mm PABBO BB/
PULPROG                zgflqn
TD                     131072
SOLVENT                 CDCl3
NS                        256
DS                          4
SWH               113636.367 Hz
FIDRES              0.866977 Hz
AQ                  0.5767168 sec
RG                     205.43
DW                      4.400 usec
DE                      6.50 usec
TE                     294.6 K
D1                1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
SFO1             376.5924484 MHz
NUC1                    19F
P1                    13.50 usec
PLW1             19.00000000 W

F2 - Processing parameters
SI                     65536
SF               376.6112790 MHz
WDW                       EM
SSB       0
LB                     0.30 Hz
GB        0
PC                     1.00
```



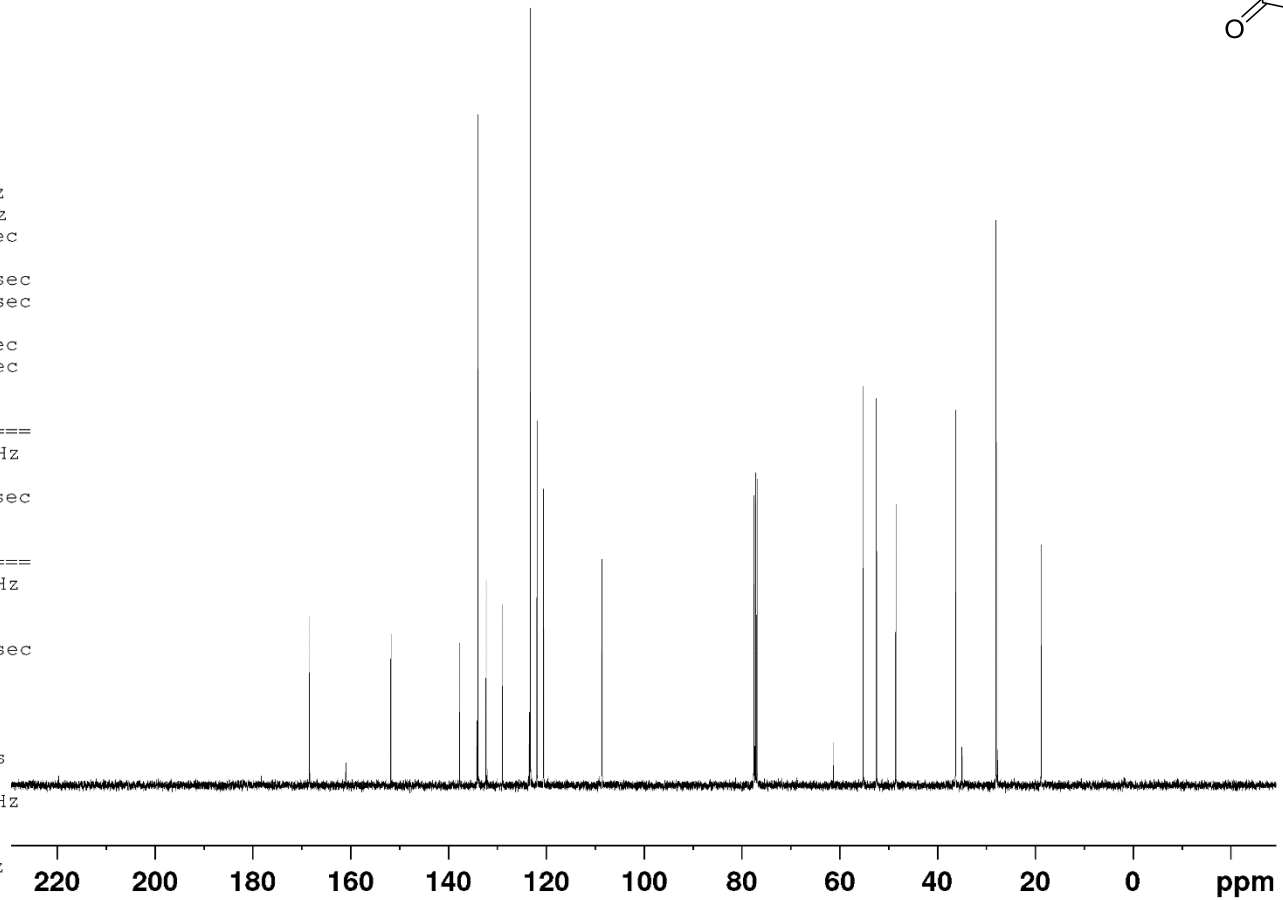
2-[3-(8-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (189)



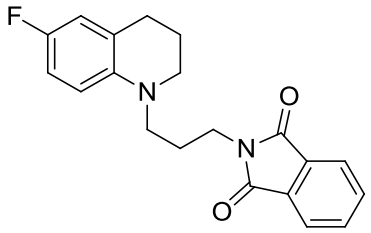
2-[3-(8-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (189)



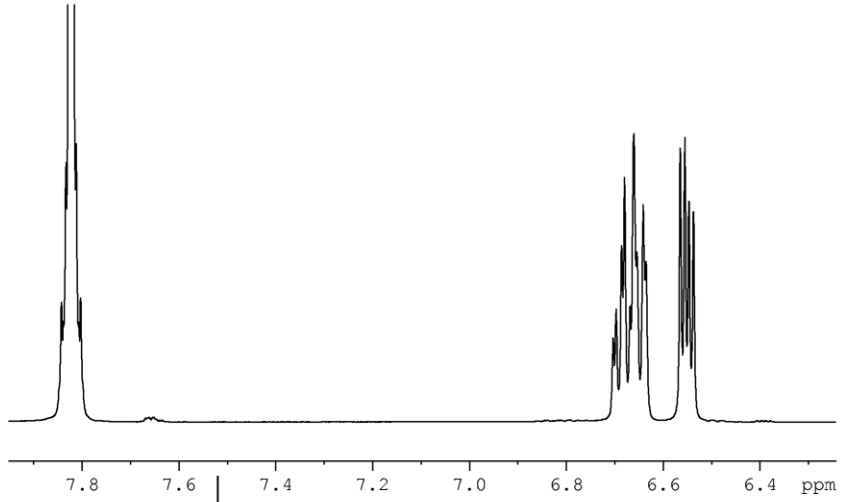

```
Current Data Parameters
NAME              tr4083
EXPNO                  2
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130605
Time               20.39
INSTRUM           avn400
PROBHD   5 mm PABBO BB/
PULPROG           zgpg30
TD                 32768
SOLVENT            CDCl3
NS                   256
DS                     4
SWH            26041.666 Hz
FIDRES          0.794729 Hz
AQ             0.6291456 sec
RG                205.43
DW                19.200 usec
DE                 6.50 usec
TE                295.6 K
D1           1.00000000 sec
D11          0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         100.6530073 MHz
NUC1                 13C
P1                  9.00 usec
PLW1         58.70000076 W

======== CHANNEL f2 ========
SFO2         400.2516010 MHz
NUC2                 1H
CPDPRG[2          waltz16
PCPD2               90.00 usec
PLW2         16.70000076 W
PLW12         0.32991999 W
PLW13         0.26723999 W

F2 - Processing parameters
SI                 32768
SF           100.6429375 MHz
WDW                  EM
SSB      0
LB                1.00 Hz
GB       0
PC                1.40
```

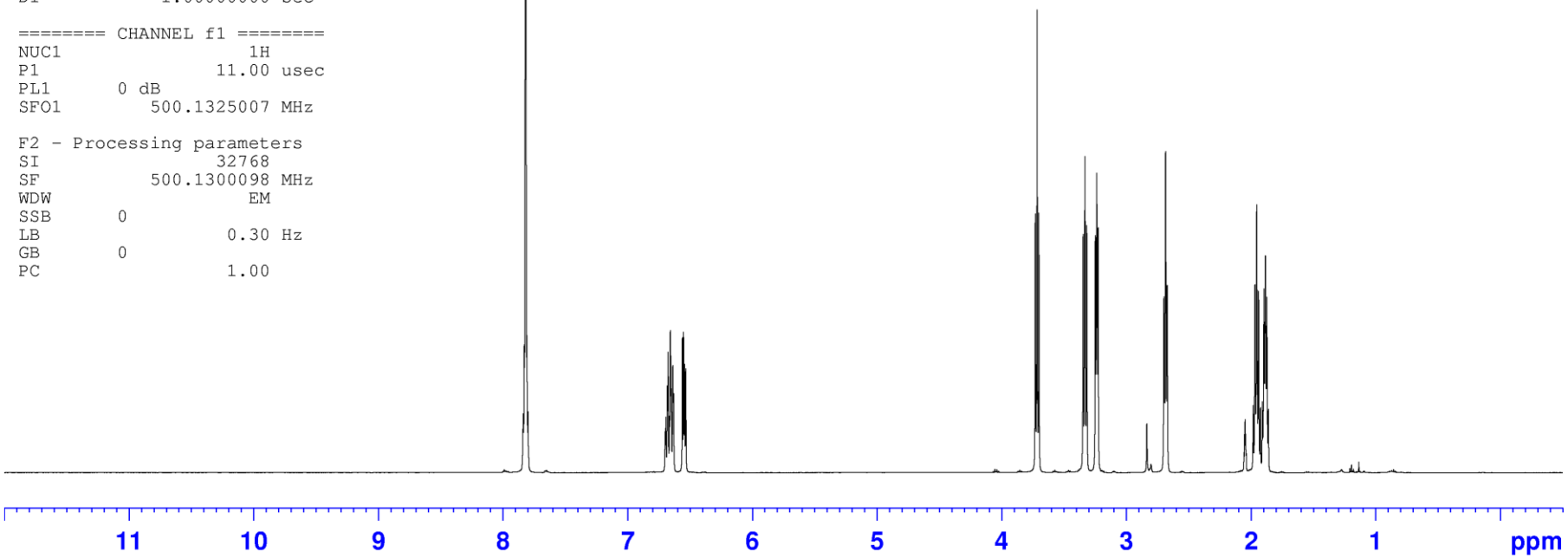


2-[3-(4-Fluoro-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (190)

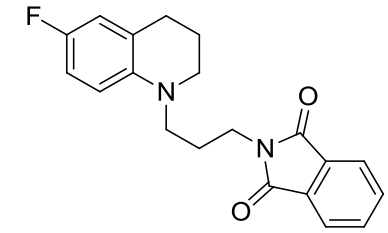



```
Current Data Parameters
NAME                 tr5004
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130709
Time                 18.39
INSTRUM              drx500
PROBHD    5 mm PABBO BB/
PULPROG                zg60
TD                    65536
SOLVENT            Acetone
NS                        16
DS                         2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ                3.1719425 sec
RG                        32
DW                   48.400 usec
DE                   17.00 usec
TE                   297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                      1H
P1                   11.00 usec
PL1       0 dB
SFO1          500.1325007 MHz

F2 - Processing parameters
SI                        32768
SF              500.1300098 MHz
WDW                          EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```

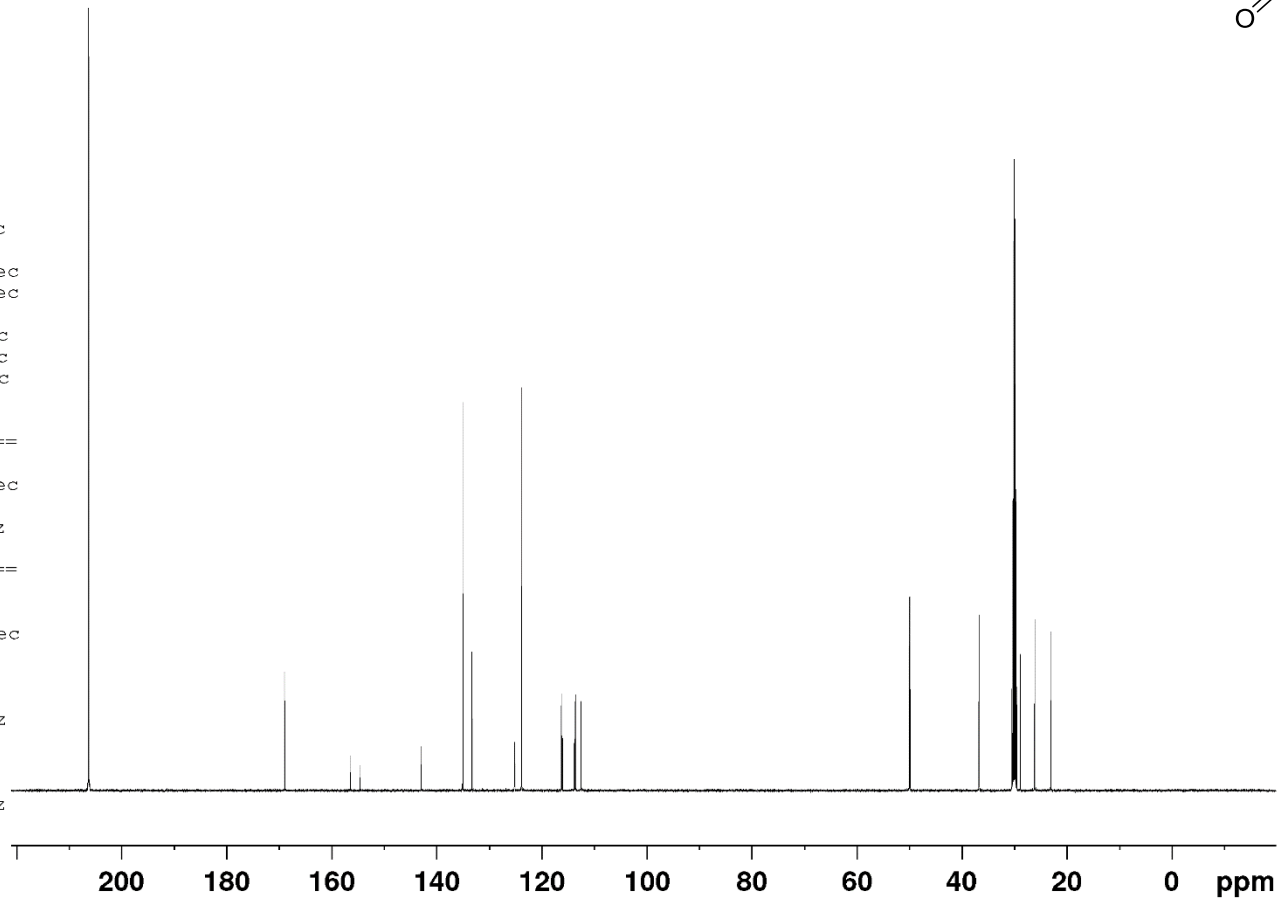




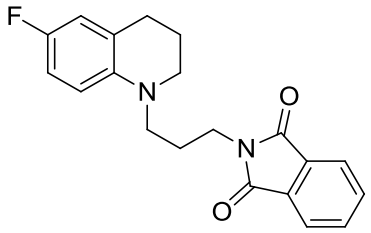
2-[3-(4-Fluoro-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (190)



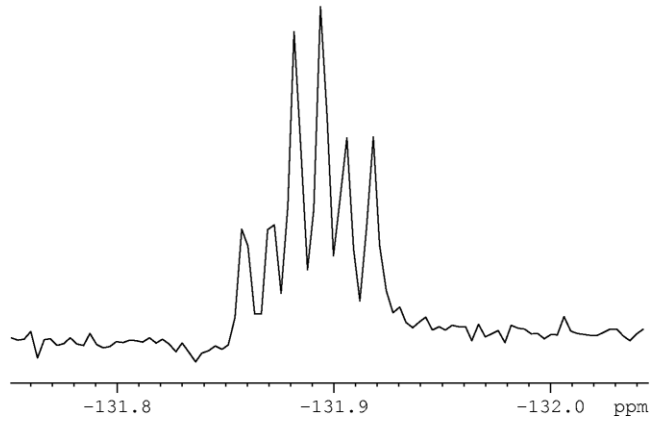

```
Current Data Parameters
NAME             tr5004
EXPNO                 2
PROCNO                1

F2 - Acquisition Parameters
Date_           20130709
Time              19.08
INSTRUM           drx500
PROBHD   5 mm PABBO BB/
PULPROG           zgpg30
TD                65536
SOLVENT         Acetone
NS                  512
DS                    4
SWH           30303.031 Hz
FIDRES         0.462388 Hz
AQ            1.0813440 sec
RG               3649.1
DW               16.500 usec
DE                11.00 usec
TE                297.7 K
D1           2.00000000 sec
d11          0.03000000 sec
DELTA        1.89999998 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                 13C
P1                  6.80 usec
PL1                 5.00 dB
SFO1        125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG[2         waltz16
NUC2                 1H
PCPD2             100.00 usec
PL2      0 dB
PL12                19.00 dB
PL13                23.00 dB
SFO2        500.1320005 MHz

F2 - Processing parameters
SI                32768
SF          125.7576648 MHz
WDW                  EM
SSB      0
LB                1.00 Hz
GB       0
PC                1.40
```

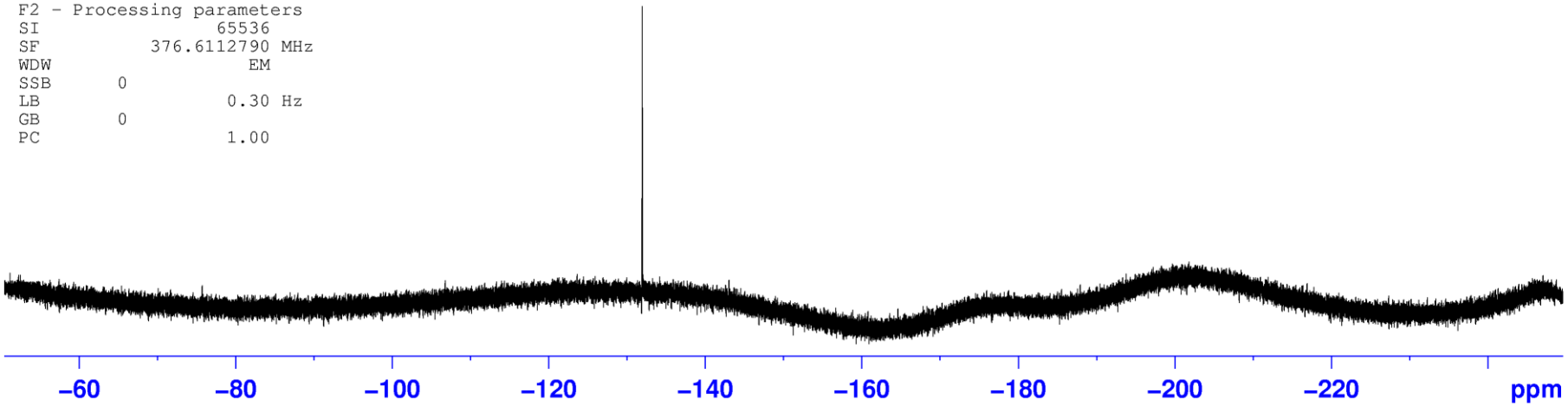


2-[3-(4-Fluoro-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (190)

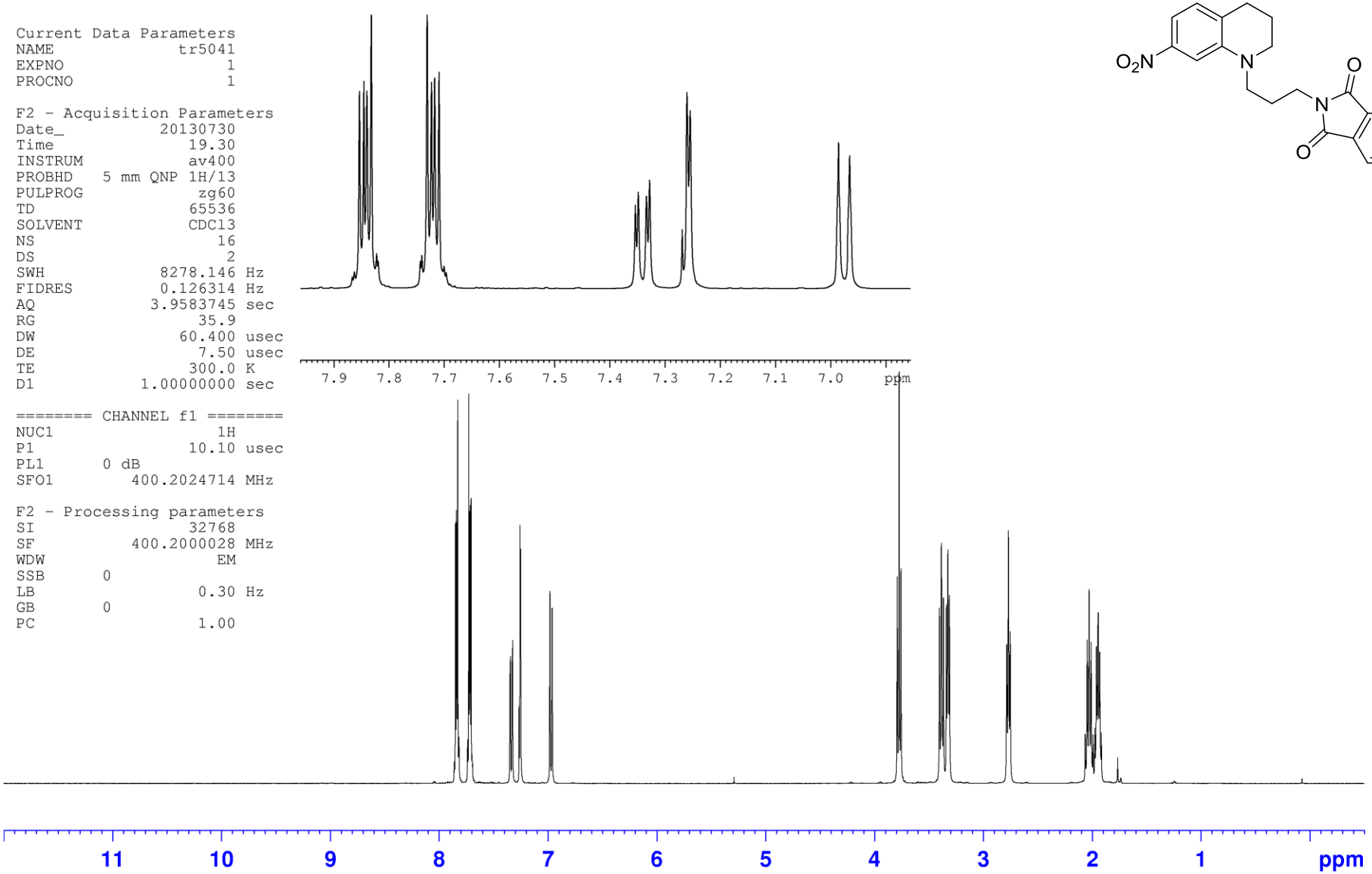



```
Current Data Parameters
NAME                  tr5004
EXPNO                      5
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130603
Time                   17.33
INSTRUM                avn400
PROBHD    5 mm PABBO BB/
PULPROG                zgflqn
TD                     131072
SOLVENT              Acetone
NS                          16
DS                           4
SWH                 75000.000 Hz
FIDRES                0.572205 Hz
AQ                    0.8738133 sec
RG                       205.43
DW                        6.667 usec
DE                        6.50 usec
TE                       294.6 K
D1                 1.00000000 sec
TD0                          1

======== CHANNEL f1 ========
SFO1               376.5547873 MHz
NUC1                       19F
P1                       13.50 usec
PLW1               19.00000000 W

F2 - Processing parameters
SI                       65536
SF                 376.6112790 MHz
WDW                         EM
SSB          0
LB                        0.30 Hz
GB           0
PC                        1.00
```

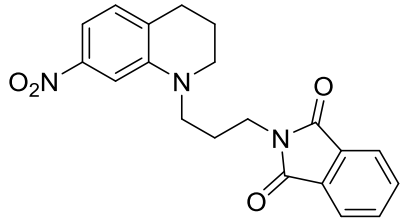




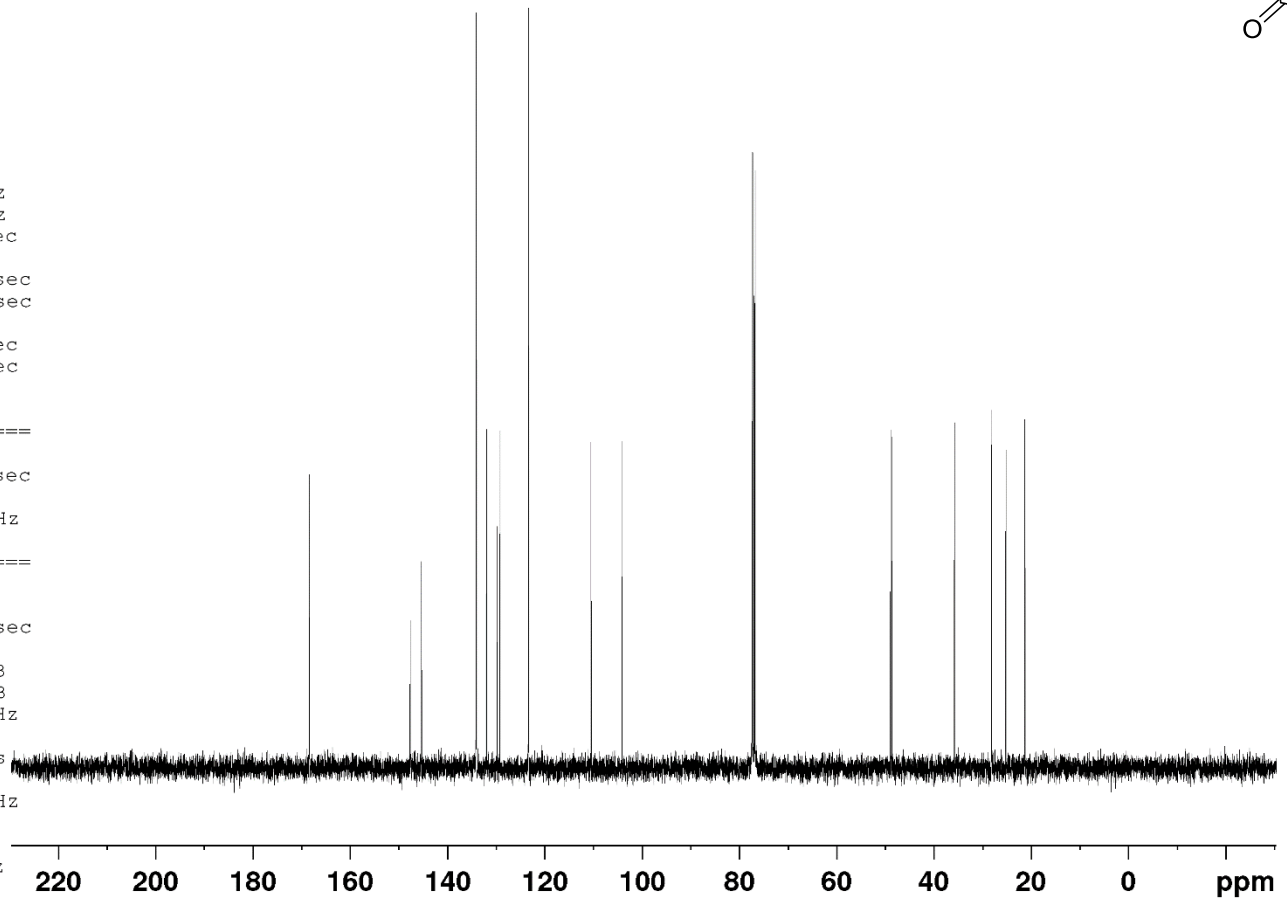
2-[3-(7-Nitro-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (191)



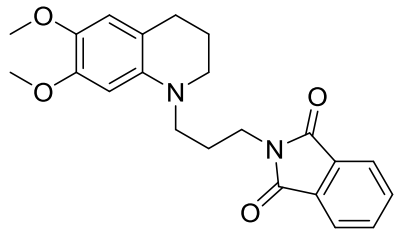
2-[3-(7-Nitro-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (191)



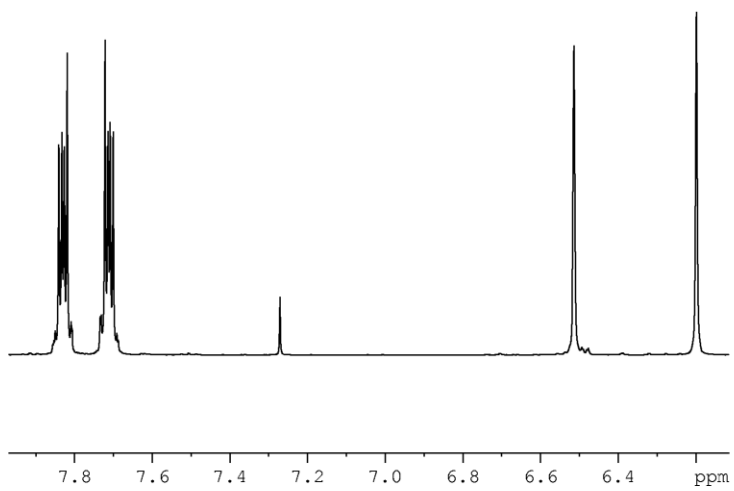

```
Current Data Parameters
NAME             tr5041
EXPNO                 2
PROCNO                1

F2 - Acquisition Parameters
Date_          20130730
Time              21.18
INSTRUM           av400
PROBHD   5 mm QNP 1H/13
PULPROG          zgpg30
TD                32768
SOLVENT           CDCl3
NS                  256
DS                    4
SWH           26178.010 Hz
FIDRES         0.798889 Hz
AQ            0.6258688 sec
RG                32768
DW               19.100 usec
DE                7.50 usec
TE                300.0 K
D1           1.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                 13C
P1                  9.90 usec
PL1       0 dB
SFO1        100.6403931 MHz

======== CHANNEL f2 ========
CPDPRG[2         waltz16
NUC2                 1H
PCPD2              80.00 usec
PL2       0 dB
PL12               19.00 dB
PL13               25.00 dB
SFO2        400.2016008 MHz

F2 - Processing parameters
SI                32768
SF          100.6303645 MHz
WDW                  EM
SSB       0
LB                 1.00 Hz
GB        0
PC                 1.40
```



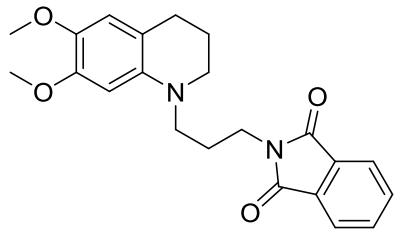
2-[3-(6,7-Dimethoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (192)



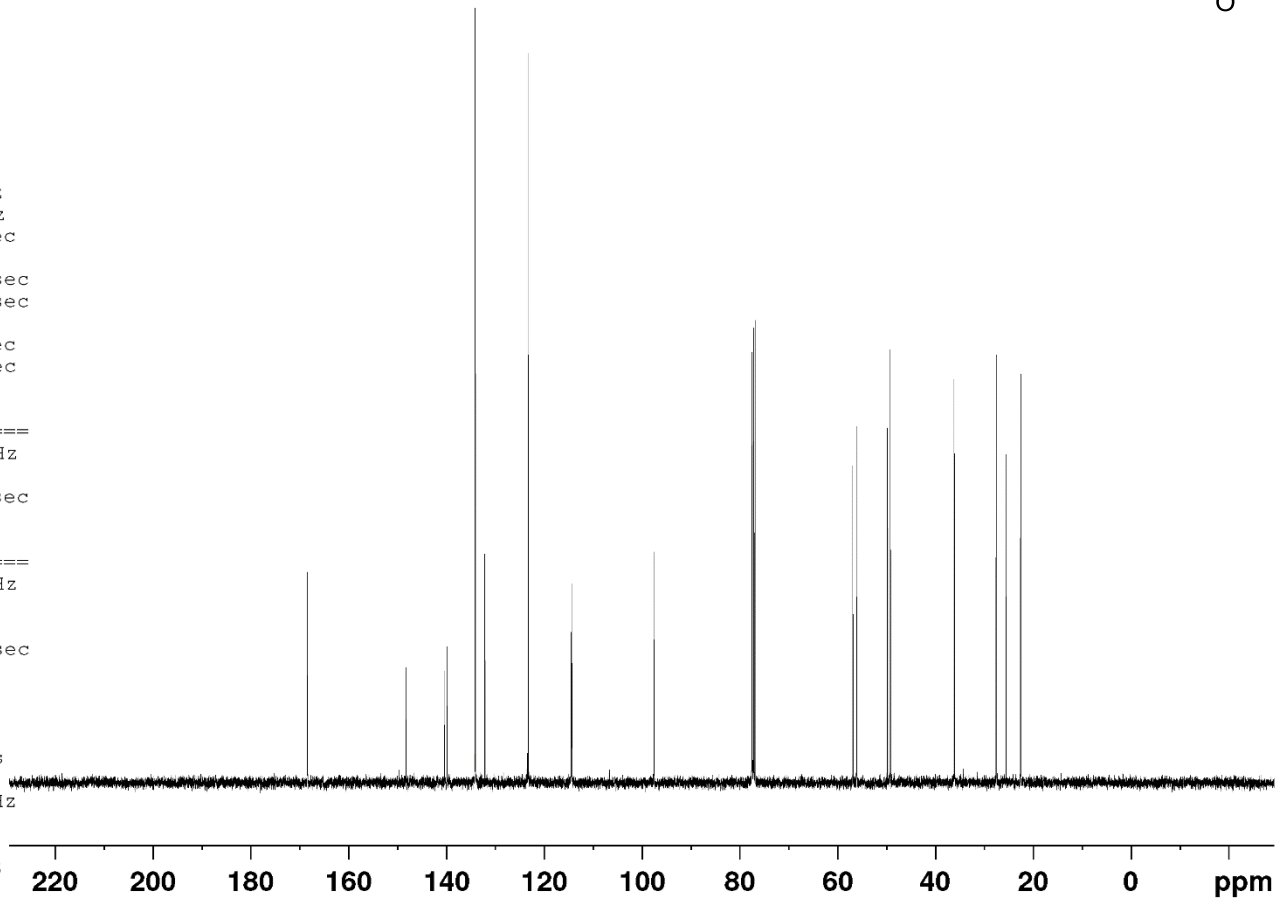
```
Current Data Parameters
NAME                 tr4080
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130611
Time                  4.39
INSTRUM             avn400
PROBHD    5 mm PABBO BB/
PULPROG               zg60
TD                   65536
SOLVENT              CDCl3
NS                      16
DS                       2
SWH               8012.820 Hz
FIDRES            0.122266 Hz
AQ                4.0894465 sec
RG                    33.03
DW                  62.400 usec
DE                   6.50 usec
TE                  294.7 K
D1              1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
SFO1           400.2524015 MHz
NUC1                    1H
P1                   12.65 usec
PLW1           16.70000076 W

F2 - Processing parameters
SI                    32768
SF             400.2500071 MHz
WDW                      EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```



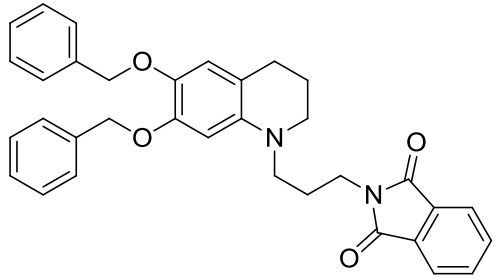
2-[3-(6,7-Dimethoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (192)



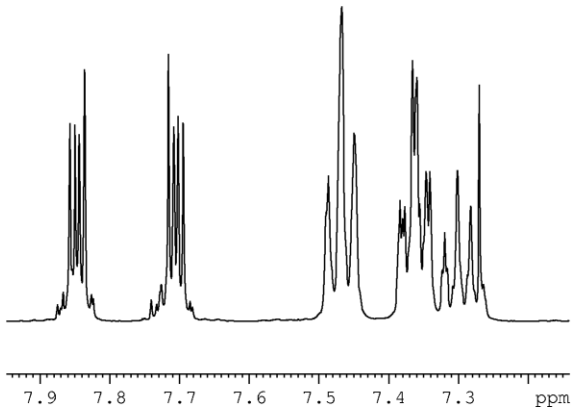

```
Current Data Parameters
NAME             tr4080
EXPNO                 2
PROCNO                1

F2 - Acquisition Parameters
Date_          20130611
Time               4.46
INSTRUM          avn400
PROBHD   5 mm PABBO BB/
PULPROG          zgpg30
TD                32768
SOLVENT           CDCl3
NS                  256
DS                    4
SWH           26041.666 Hz
FIDRES         0.794729 Hz
AQ            0.6291456 sec
RG               205.43
DW               19.200 usec
DE                6.50 usec
TE               295.8 K
D1           1.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
SFO1        100.6530073 MHz
NUC1                13C
P1                 9.00 usec
PLW1        58.70000076 W

======== CHANNEL f2 ========
SFO2        400.2516010 MHz
NUC2                1H
CPDPRG[2         waltz16
PCPD2             90.00 usec
PLW2        16.70000076 W
PLW12        0.32991999 W
PLW13        0.26723999 W

F2 - Processing parameters
SI                32768
SF          100.6429369 MHz
WDW                EM
SSB       0
LB                1.00 Hz
GB        0
PC                1.40
```

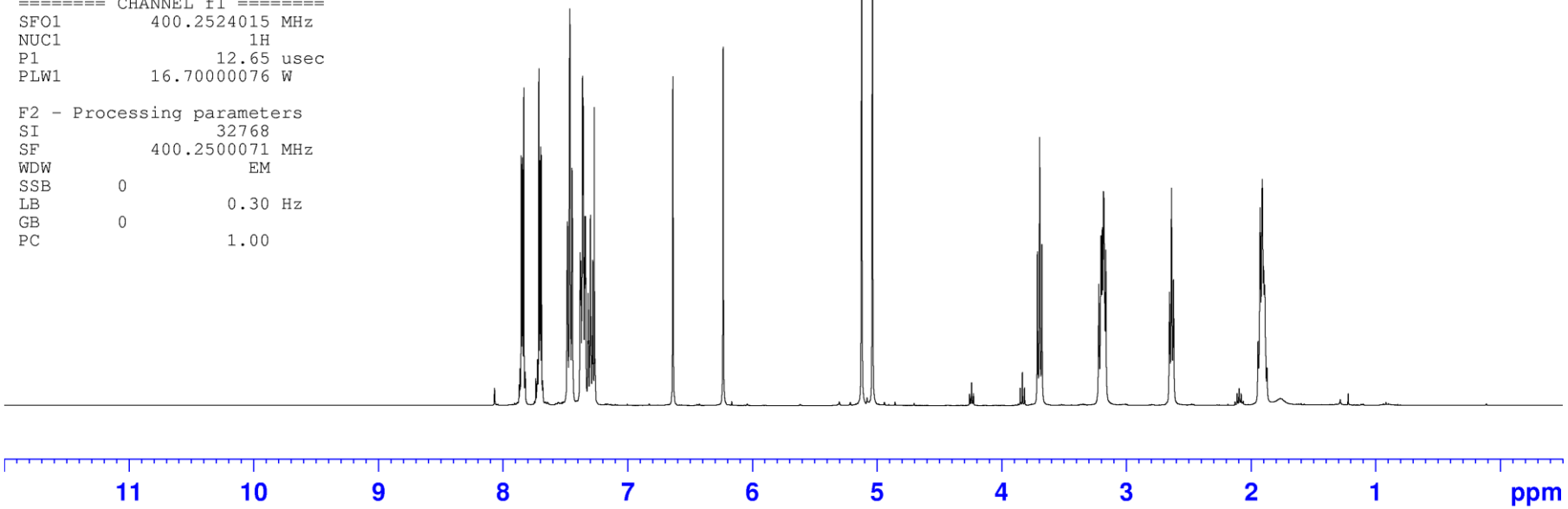


2-{3-[6,7-Bis(benzyloxy)-3,4-dihydroquinolin-1(2*H*)-yl]propyl}-1*H*-isoindole-1,3(2*H*)-dione (193)

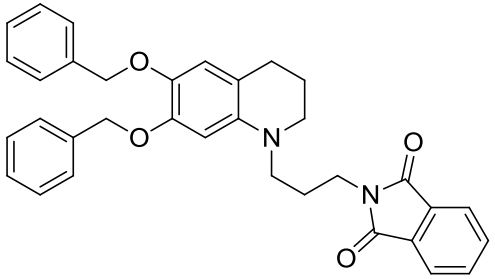



```
Current Data Parameters
NAME                  tr5010
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130607
Time                    9.37
INSTRUM                avn400
PROBHD    5 mm PABBO BB/
PULPROG                 zg60
TD                     65536
SOLVENT                CDCl3
NS                        16
DS                         2
SWH                 8012.820 Hz
FIDRES              0.122266 Hz
AQ                  4.0894465 sec
RG                      29.07
DW                     62.400 usec
DE                      6.50 usec
TE                     294.6 K
D1                 1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
SFO1             400.2524015 MHz
NUC1                       1H
P1                      12.65 usec
PLW1             16.70000076 W

F2 - Processing parameters
SI                     32768
SF                400.2500071 MHz
WDW                       EM
SSB          0
LB                      0.30 Hz
GB           0
PC                      1.00
```

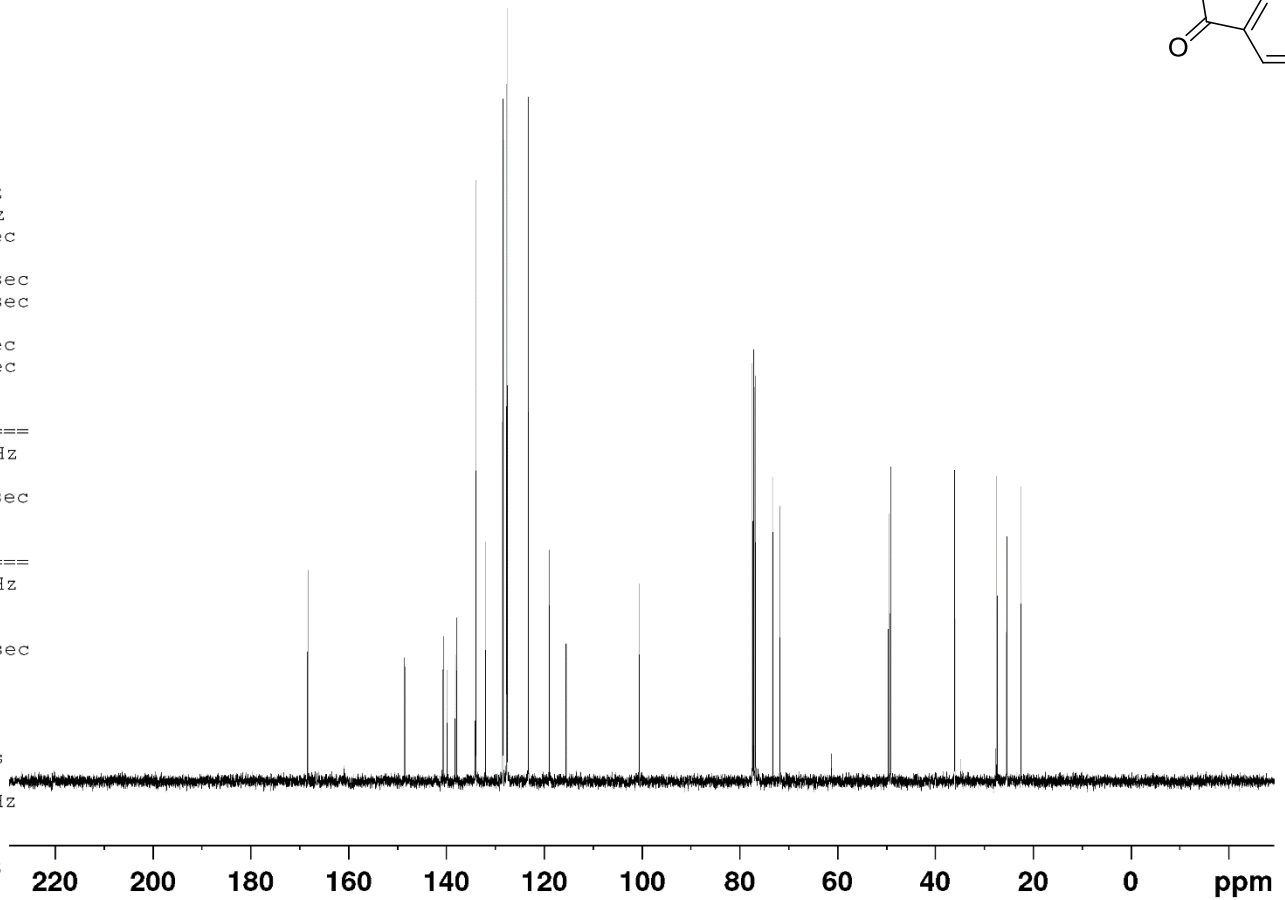




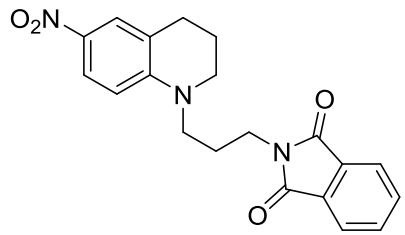
2-{3-[6,7-Bis(benzyloxy)-3,4-dihydroquinolin-1(2*H*)-yl]propyl}-1*H*-isoindole-1,3(2*H*)-dione (193)



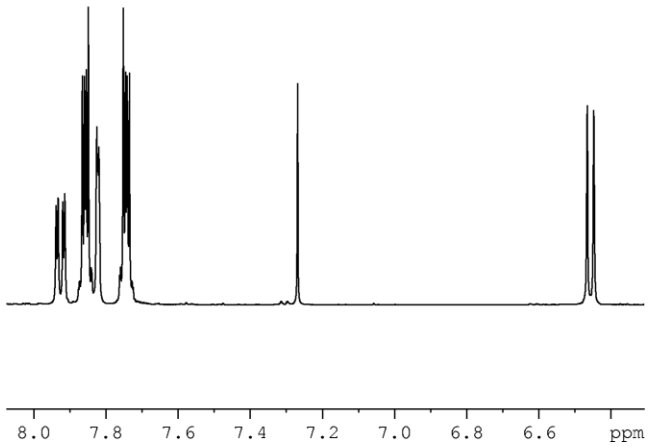

```
Current Data Parameters
NAME             tr5010
EXPNO                 2
PROCNO                1

F2 - Acquisition Parameters
Date_          20130607
Time               9.44
INSTRUM          avn400
PROBHD   5 mm PABBO BB/
PULPROG          zgpg30
TD                32768
SOLVENT           CDCl3
NS                  256
DS                    4
SWH           26041.666 Hz
FIDRES         0.794729 Hz
AQ            0.6291456 sec
RG               205.43
DW               19.200 usec
DE                6.50 usec
TE               295.8 K
D1           1.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
SFO1        100.6530073 MHz
NUC1                13C
P1                 9.00 usec
PLW1        58.70000076 W

======== CHANNEL f2 ========
SFO2        400.2516010 MHz
NUC2                1H
CPDPRG[2         waltz16
PCPD2              90.00 usec
PLW2        16.70000076 W
PLW12        0.32991999 W
PLW13        0.26723999 W

F2 - Processing parameters
SI                 32768
SF          100.6429390 MHz
WDW                   EM
SSB      0
LB                 1.00 Hz
GB       0
PC                 1.40
```

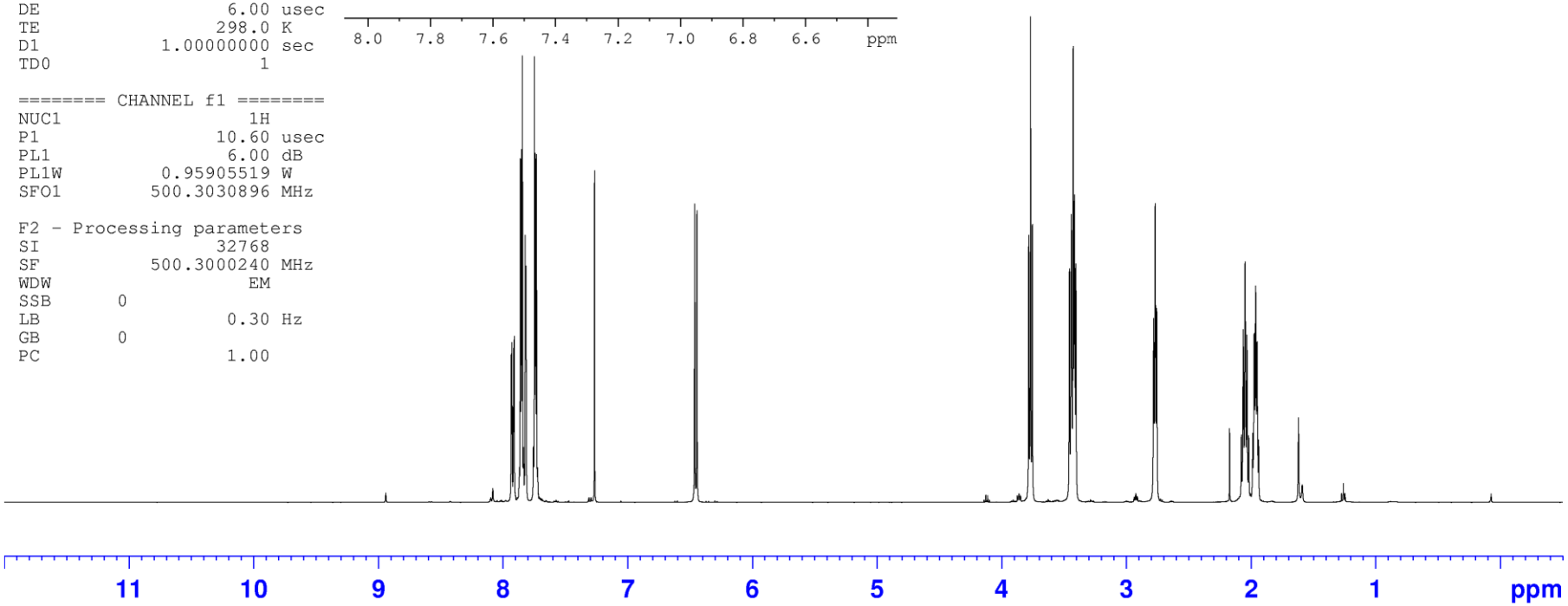


2-[3-(6-Nitro-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (194)

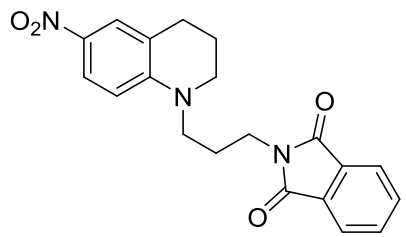



```
Current Data Parameters
NAME                  tr4051
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130705
Time                   18.54
INSTRUM                avc500
PROBHD    5 mm CPDUL 13C
PULPROG                 zg30
TD                     65536
SOLVENT                CDCl3
NS                        16
DS                         4
SWH               10330.578 Hz
FIDRES             0.157632 Hz
AQ                3.1719425 sec
RG                       3.2
DW                    48.400 usec
DE                     6.00 usec
TE                    298.0 K
D1              1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
NUC1                      1H
P1                     10.60 usec
PL1                     6.00 dB
PL1W             0.95905519 W
SFO1           500.3030896 MHz

F2 - Processing parameters
SI                     32768
SF             500.3000240 MHz
WDW                       EM
SSB       0
LB                     0.30 Hz
GB        0
PC                     1.00
```

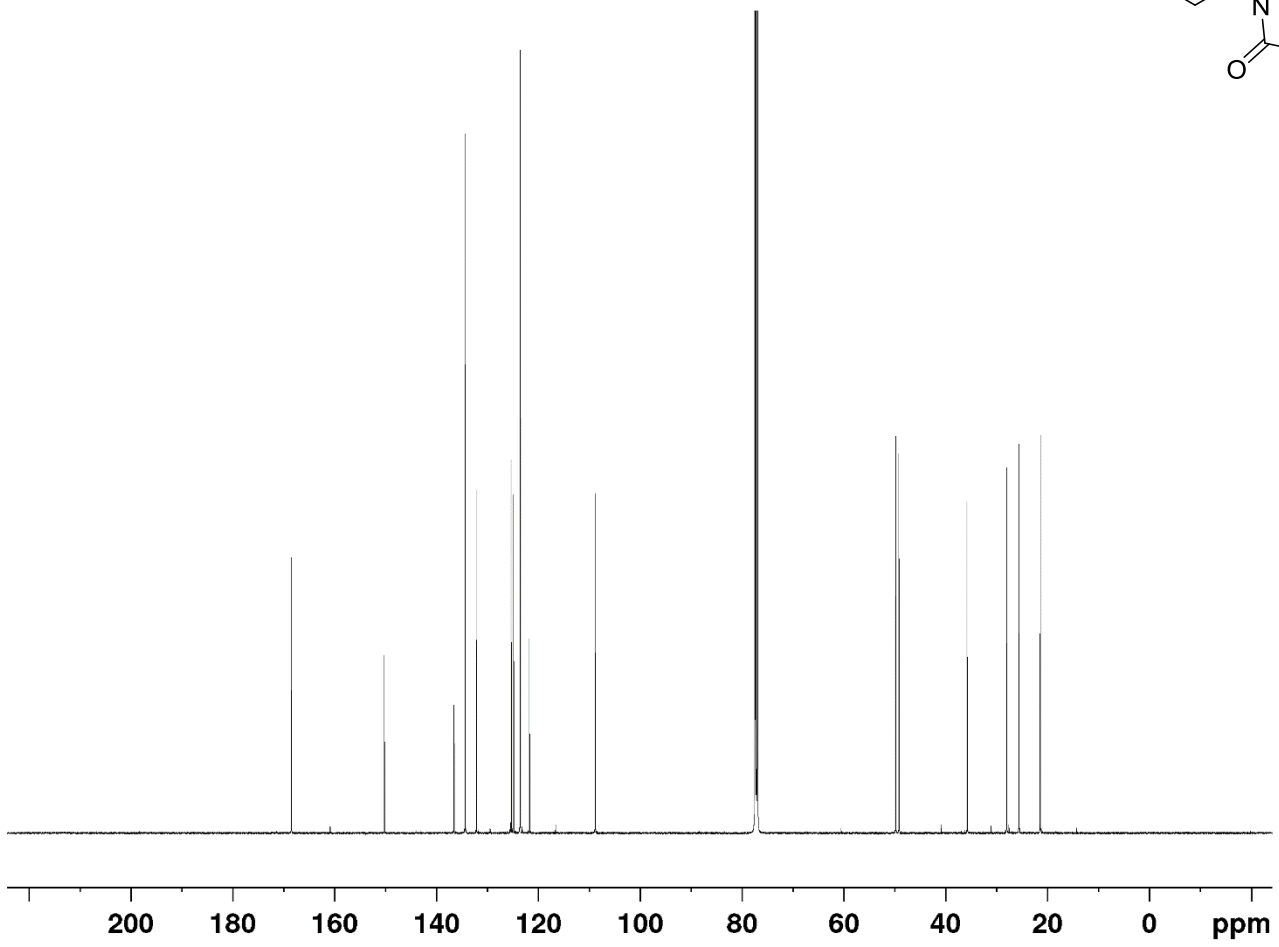




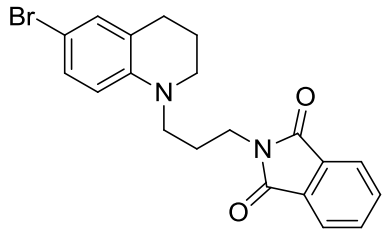
2-[3-(6-Nitro-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (194)



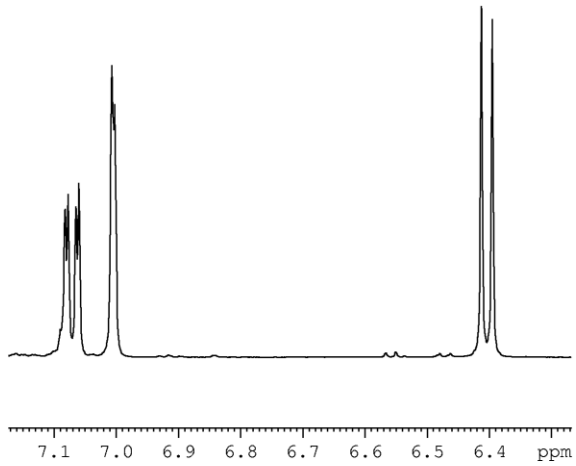

```
Current Data Parameters
NAME             tr4051
EXPNO                 4
PROCNO                1

F2 - Acquisition Parameters
Date_          20130705
Time               20.09
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG          zgpg30
TD                65536
SOLVENT           CDCl3
NS                 1024
DS                    2
SWH           31250.000 Hz
FIDRES         0.476837 Hz
AQ            1.0485760 sec
RG                  912
DW               16.000 usec
DE               20.00 usec
TE               298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                 13C
P1                10.25 usec
PL1                8.00 dB
PL1W         1.62029624 W
SFO1        125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG[2         waltz16
NUC2                 1H
PCPD2             80.00 usec
PL2                6.00 dB
PL12               23.56 dB
PL13               29.56 dB
PL2W         0.95905519 W
PL12W        0.01682068 W
PL13W        0.00422516 W
SFO2        500.3020012 MHz

F2 - Processing parameters
SI                32768
SF          125.8005252 MHz
WDW                  EM
SSB      0
LB                1.00 Hz
GB       0
PC                1.40
```

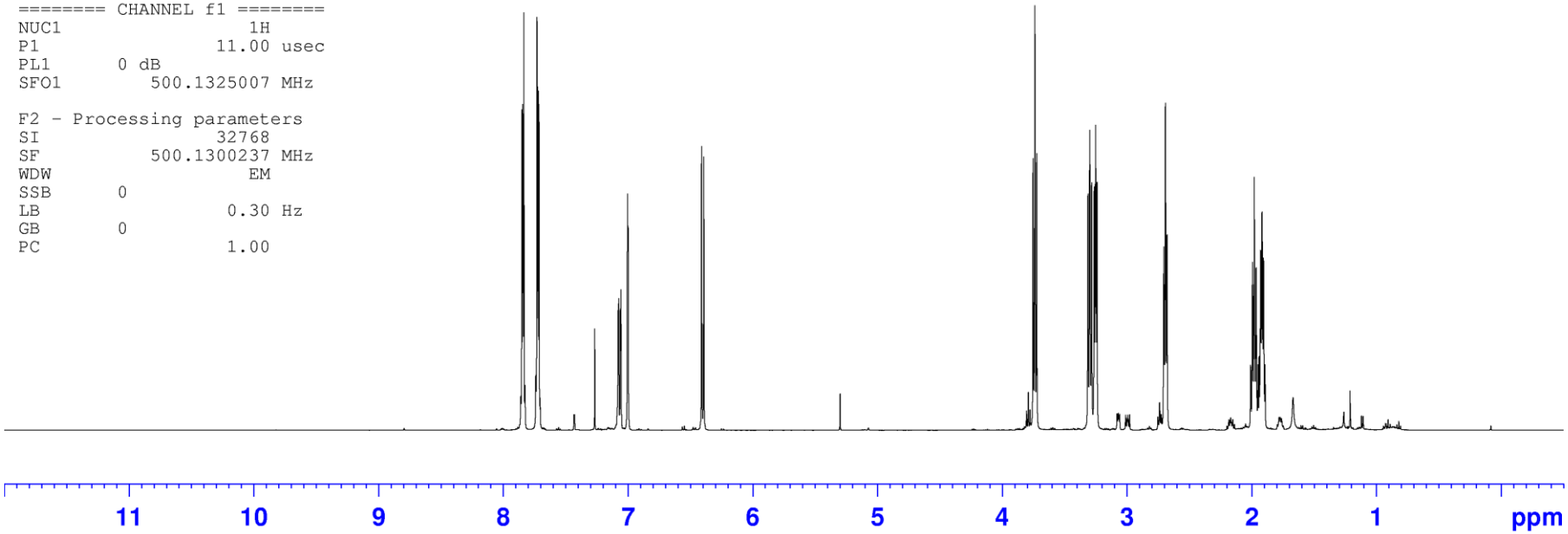


2-[3-(6-Bromo-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (205)

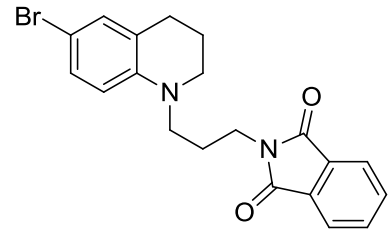



```
Current Data Parameters
NAME                 tr5021
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130625
Time                   6.09
INSTRUM              drx500
PROBHD    5 mm PABBO BB/
PULPROG                zg60
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719425 sec
RG                    71.8
DW                  48.400 usec
DE                  17.00 usec
TE                  297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                      1H
P1                  11.00 usec
PL1       0 dB
SFO1          500.1325007 MHz

F2 - Processing parameters
SI                    32768
SF              500.1300237 MHz
WDW                      EM
SSB       0
LB                   0.30 Hz
GB        0
PC                   1.00
```

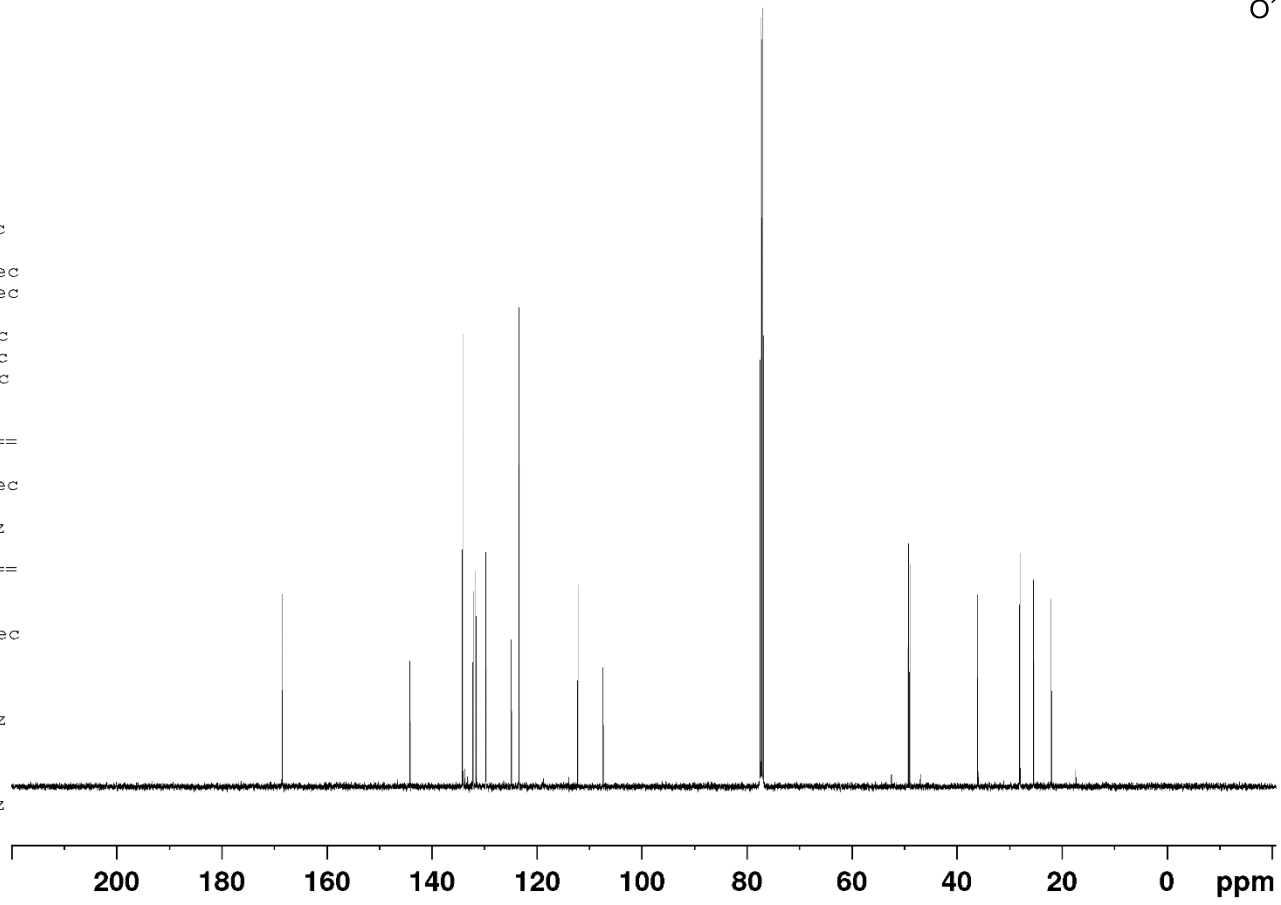




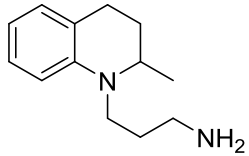
2-[3-(6-Bromo-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1*H*-isoindole-1,3(2*H*)-dione (205)



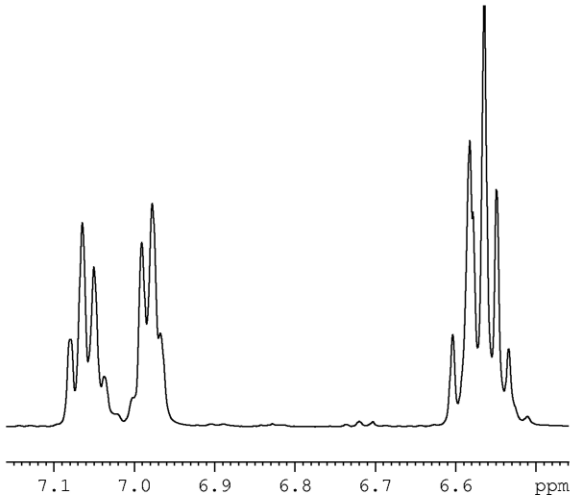

```
Current Data Parameters
NAME             tr5021
EXPNO                 2
PROCNO                1

F2 - Acquisition Parameters
Date_           20130625
Time               6.38
INSTRUM          drx500
PROBHD   5 mm PABBO BB/
PULPROG          zgpg30
TD                65536
SOLVENT           CDCl3
NS                  512
DS                    4
SWH           30303.031 Hz
FIDRES         0.462388 Hz
AQ            1.0813440 sec
RG               9195.2
DW               16.500 usec
DE                11.00 usec
TE                297.7 K
D1           2.00000000 sec
d11          0.03000000 sec
DELTA        1.89999998 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                 13C
P1                  6.80 usec
PL1                 5.00 dB
SFO1        125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG[2         waltz16
NUC2                 1H
PCPD2             100.00 usec
PL2      0 dB
PL12                19.00 dB
PL13                23.00 dB
SFO2        500.1320005 MHz

F2 - Processing parameters
SI                32768
SF          125.7577820 MHz
WDW                  EM
SSB      0
LB                1.00 Hz
GB       0
PC                1.40
```

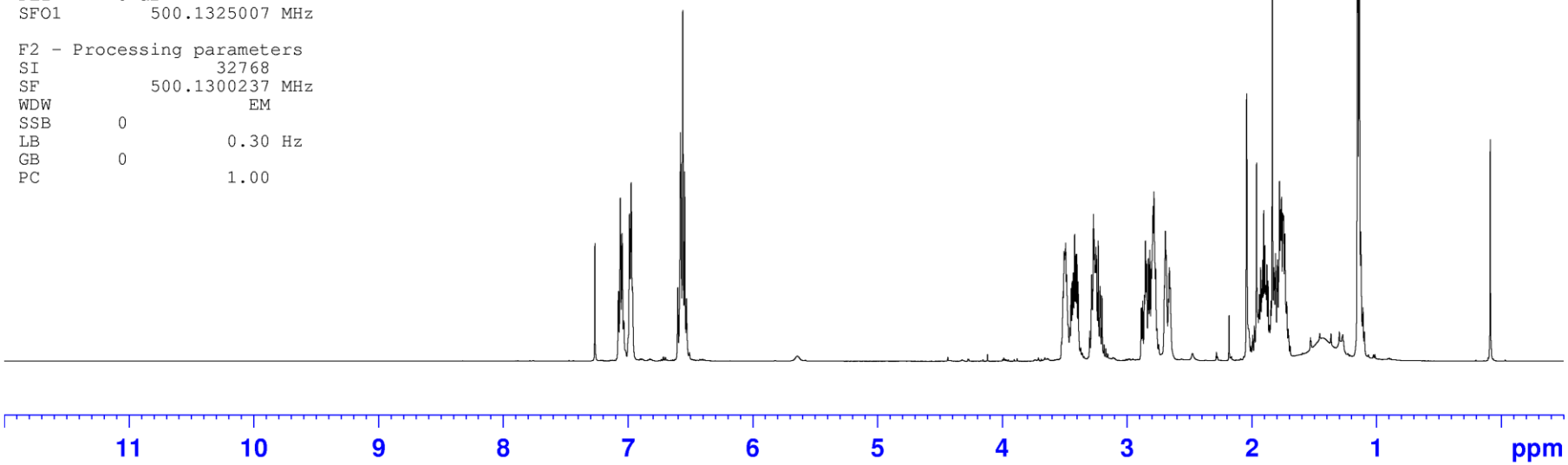


3-(2-Methyl-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (195)

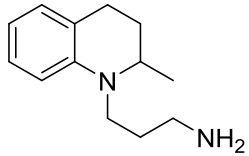



```
Current Data Parameters
NAME                  tr5029
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_              20140323
Time                  16.37
INSTRUM               drx500
PROBHD    5 mm PABBO BB/
PULPROG                zg60
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        2
SWH               10330.578 Hz
FIDRES             0.157632 Hz
AQ                3.1719425 sec
RG                       57
DW                   48.400 usec
DE                   17.00 usec
TE                   298.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                      1H
P1                   11.00 usec
PL1       0 dB
SFO1           500.1325007 MHz

F2 - Processing parameters
SI                    32768
SF              500.1300237 MHz
WDW                      EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```

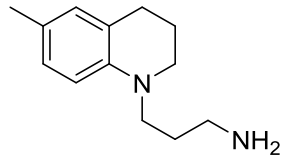




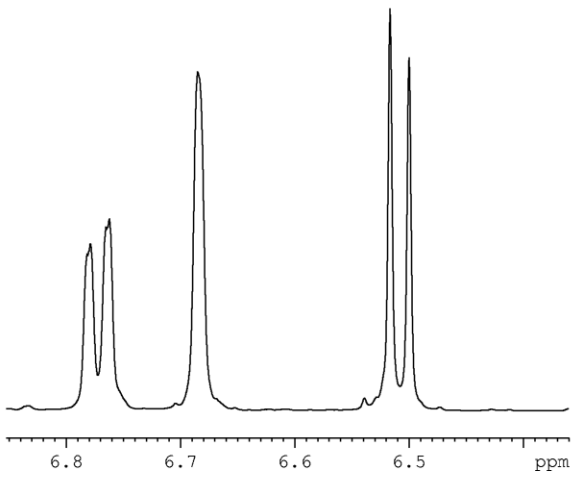
3-(2-Methyl-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (195)



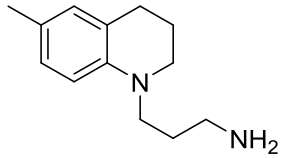
3-(6-Methyl-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (196)



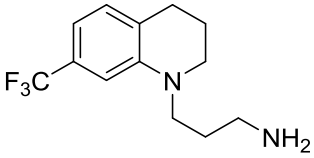

```
Current Data Parameters
NAME                 tr5018
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130624
Time                 23.15
INSTRUM              drx500
PROBHD    5 mm PABBO BB/
PULPROG                zg60
TD                    65536
SOLVENT                MeOD
NS                       16
DS                        2
SWH               10330.578 Hz
FIDRES             0.157632 Hz
AQ                3.1719425 sec
RG                       32
DW                   48.400 usec
DE                   17.00 usec
TE                   297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                      1H
P1                   11.00 usec
PL1       0 dB
SFO1           500.1325007 MHz

F2 - Processing parameters
SI                    32768
SF              500.1300108 MHz
WDW                      EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```



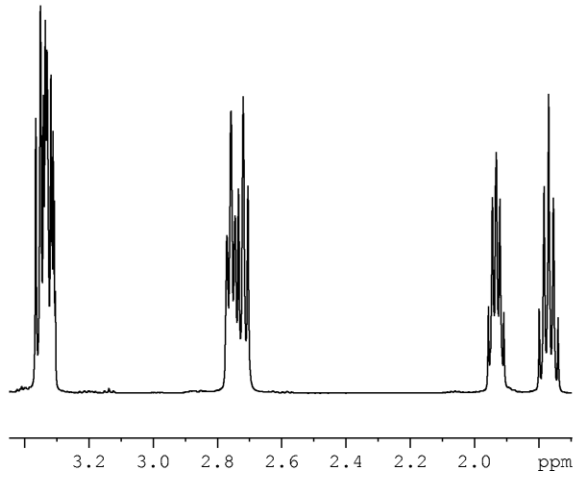
3-(6-Methyl-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (196)



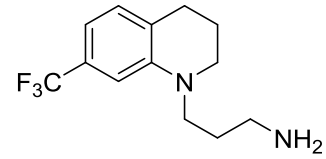
3-[7-(Trifluoromethyl)-3,4-dihydroquinolin-1(2*H*)-yl]propan-1-amine (197)




```
Current Data Parameters
NAME                  tr5056
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130815
Time                    7.15
INSTRUM                avc500
PROBHD    5 mm CPDUL 13C
PULPROG                 zg30
TD                     65536
SOLVENT                 MeOD
NS                        16
DS                         4
SWH                10330.578 Hz
FIDRES              0.157632 Hz
AQ                 3.1719425 sec
RG                       2.8
DW                    48.400 usec
DE                     6.00 usec
TE                    298.0 K
D1                 1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
NUC1                      1H
P1                     10.60 usec
PL1                     6.00 dB
PL1W              0.95905519 W
SFO1             500.3030896 MHz

F2 - Processing parameters
SI                     32768
SF                500.3000106 MHz
WDW                       EM
SSB       0
LB                     0.30 Hz
GB        0
PC                     1.00
```

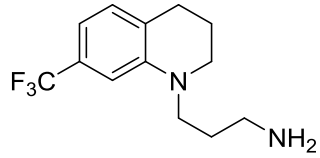


3-[7-(Trifluoromethyl)-3,4-dihydroquinolin-1(2*H*)-yl]propan-1-amine (197)

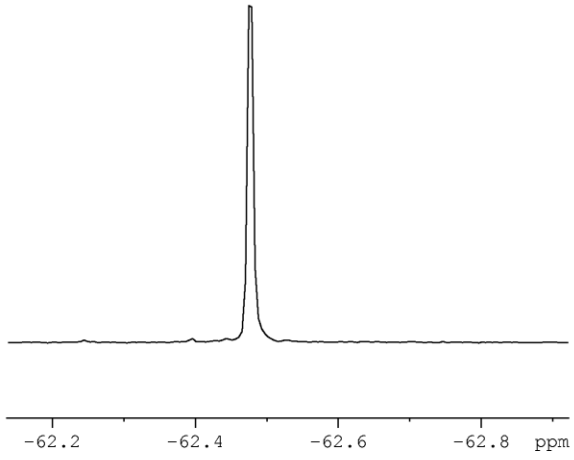


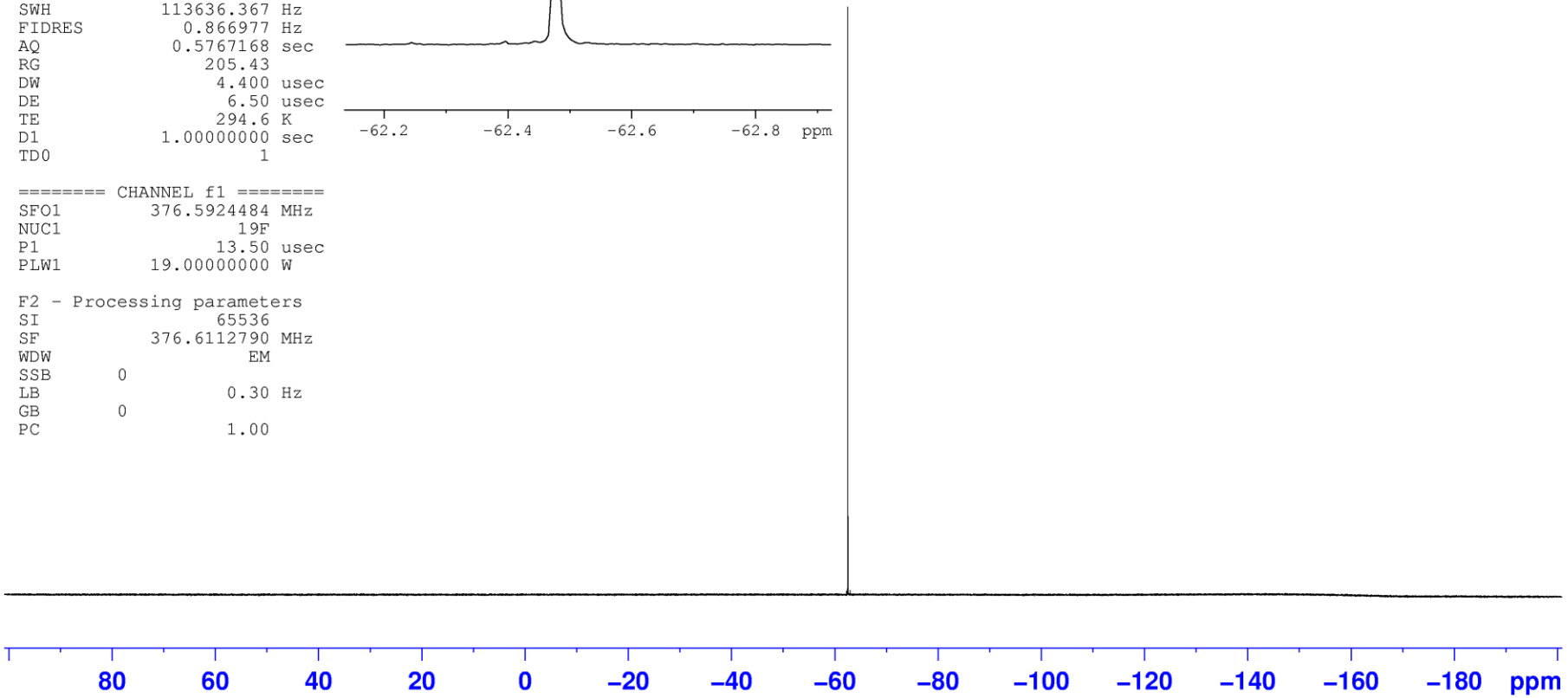

```
NAME          tr49911408
EXPNO                  4
PROCNO                 1
Date_           20130815
Time                8.36
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG          zgpg30
TD                65536
SOLVENT            MeOD
NS                 1151
DS                    2
SWH           31250.000 Hz
FIDRES         0.476837 Hz
AQ             1.0486259 sec
RG                  912
DW                16.000 usec
DE                20.00 usec
TE                298.0 K
D1            2.00000000 sec
D11           0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 13C
P1                 10.25 usec
PL1                 8.00 dB
PL1W          1.62029624 W
SFO1         125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2          waltz16
NUC2                 1H
PCPD2              80.00 usec
PL2                 6.00 dB
PL12               23.56 dB
PL13               29.56 dB
PL2W          0.95905519 W
PL12W         0.01682068 W
PL13W         0.00422516 W
SFO2         500.3020012 MHz
SI                 32768
SF           125.8003564 MHz
WDW                   EM
SSB                    0
LB                  1.00 Hz
GB                     0
PC                  1.40
```

3-[7-(Trifluoromethyl)-3,4-dihydroquinolin-1(2*H*)-yl]propan-1-amine (197)

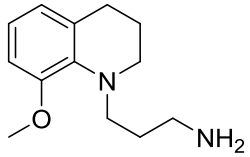



```
Current Data Parameters
NAME                  tr5056
EXPNO                      5
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130808
Time                   12.36
INSTRUM                avn400
PROBHD    5 mm PABBO BB/
PULPROG                zgflqn
TD                     131072
SOLVENT                 CDCl3
NS                         16
DS                          4
SWH               113636.367 Hz
FIDRES              0.866977 Hz
AQ                  0.5767168 sec
RG                     205.43
DW                      4.400 usec
DE                      6.50 usec
TE                     294.6 K
D1                1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
SFO1              376.5924484 MHz
NUC1                      19F
P1                      13.50 usec
PLW1              19.00000000 W

F2 - Processing parameters
SI                     65536
SF                376.6112790 MHz
WDW                       EM
SSB       0
LB                      0.30 Hz
GB        0
PC                      1.00
```

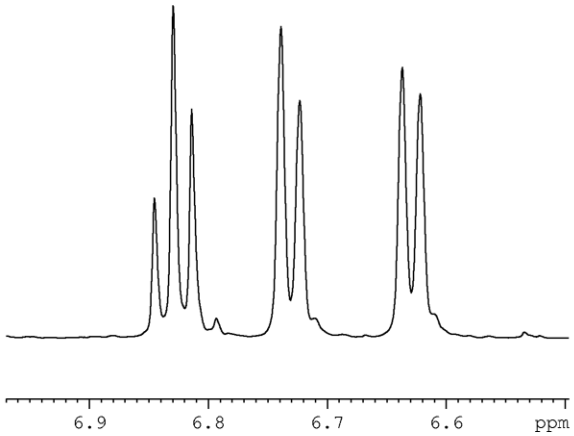




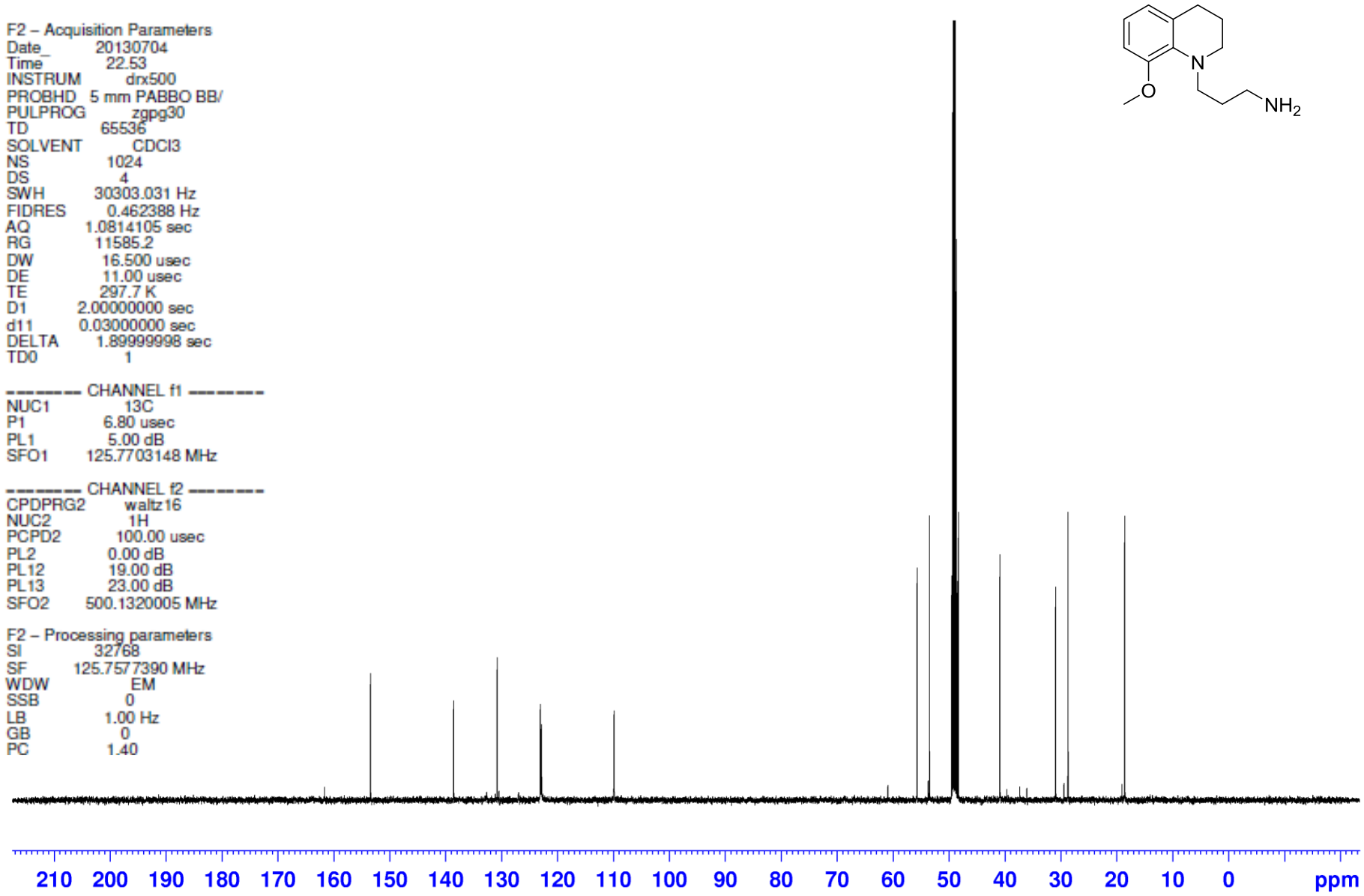
3-(8-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (198)



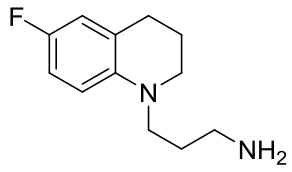

```
Current Data Parameters
NAME                  tr5028
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130704
Time                  21.58
INSTRUM               drx500
PROBHD    5 mm PABBO BB/
PULPROG                zg60
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        2
SWH               10330.578 Hz
FIDRES             0.157632 Hz
AQ                3.1719425 sec
RG                       64
DW                   48.400 usec
DE                   17.00 usec
TE                   297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                      1H
P1                   11.00 usec
PL1         0 dB
SFO1           500.1325007 MHz

F2 - Processing parameters
SI                    32768
SF              500.1319968 MHz
WDW                      EM
SSB         0
LB                    0.30 Hz
GB          0
PC                    1.00
```



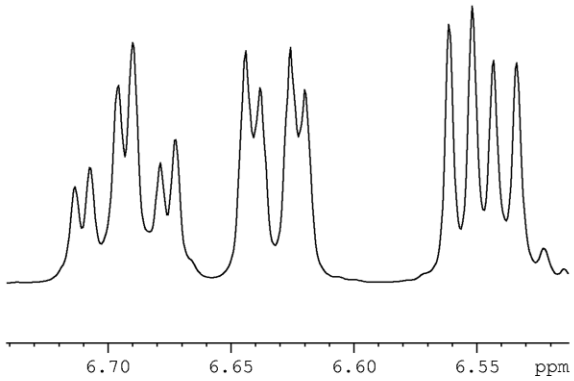
3-(8-Methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (198)



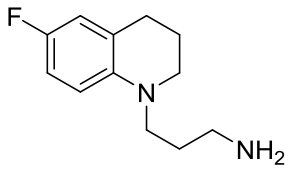
3-(7-Fluoro-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (199)




```
Current Data Parameters
NAME                  tr5038
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130723
Time                   18.13
INSTRUM                drx500
PROBHD    5 mm PABBO BB/
PULPROG                 zg60
TD                     65536
SOLVENT                 MeOD
NS                        16
DS                         2
SWH                10330.578 Hz
FIDRES              0.157632 Hz
AQ                 3.1719425 sec
RG                        32
DW                    48.400 usec
DE                    17.00 usec
TE                    296.7 K
D1                 1.00000000 sec

======== CHANNEL f1 ========
NUC1                       1H
P1                    11.00 usec
PL1          0 dB
SFO1             500.1325007 MHz

F2 - Processing parameters
SI                     32768
SF                500.1300109 MHz
WDW                       EM
SSB          0
LB                     0.30 Hz
GB           0
PC                     1.00
```



3-(7-Fluoro-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (199)



F2 – Acquisition Parameters

Date_	20130723
Time	18.28
INSTRUM	drx500
PROBHD	5 mm PABBO BB/
PULPROG	zgpg30
TD	65536
SOLVENT	MeOD
NS	256
DS	4
SWH	30303.031 Hz
FIDRES	0.462388 Hz
AQ	1.0814105 sec
RG	2580.3
DW	16.500 usec
DE	11.00 usec
TE	296.7 K
D1	2.00000000 sec
d11	0.03000000 sec
DELTA	1.89999998 sec
TD0	1

-------- CHANNEL f1 --------

NUC1	13C
P1	6.80 usec
PL1	5.00 dB
SFO1	125.7703148 MHz

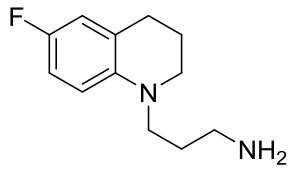
-------- CHANNEL f2 --------

CPDPRG2	waltz16
NUC2	1H
PCPD2	100.00 usec
PL2	0.00 dB
PL12	19.00 dB
PL13	23.00 dB
SFO2	500.1320005 MHz

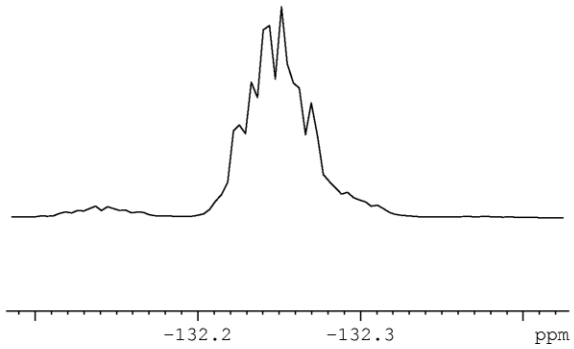
F2 – Processing parameters

SI	32768
SF	125.7575604 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

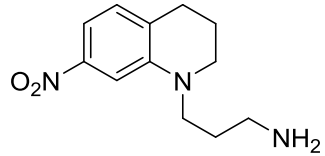
3-(7-Fluoro-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (199)



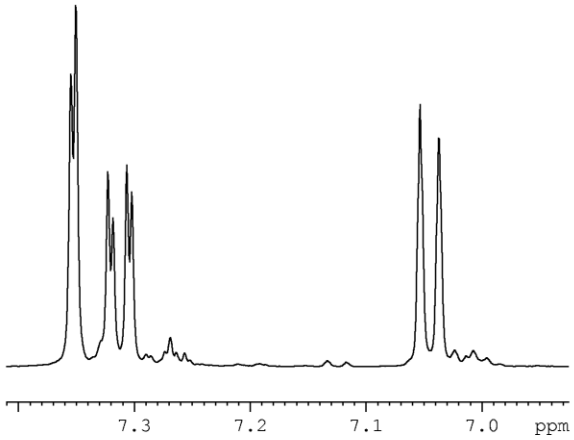

```
Current Data Parameters
NAME                  tr5038
EXPNO                      5
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130723
Time                   17.40
INSTRUM                avb500
PROBHD    5 mm PATXI 1H/
PULPROG                zgflqn
TD                     131072
SOLVENT                  MeOD
NS                         16
DS                          4
SWH               113636.367 Hz
FIDRES              0.866977 Hz
AQ                  0.5767168 sec
RG                       1440
DW                      4.400 usec
DE                      6.50 usec
TE                     299.4 K
D1                1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
SFO1             470.4041911 MHz
NUC1                    19F
P1                     10.00 usec
PLW1             13.15799999 W

F2 - Processing parameters
SI                     65536
SF               470.4512360 MHz
WDW                       EM
SSB       0
LB                      0.30 Hz
GB        0
PC                      1.00
```



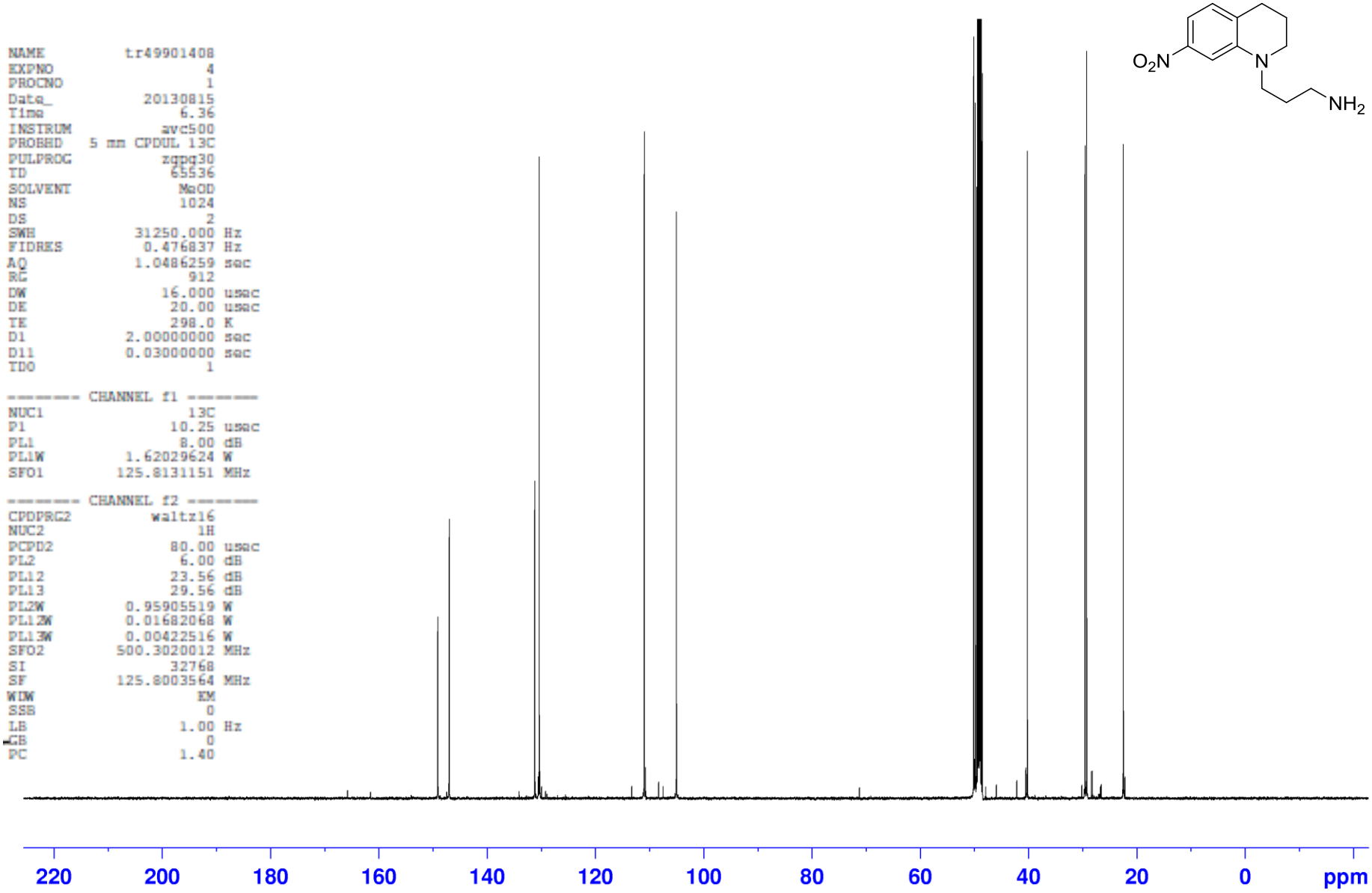
3-(7-Nitro-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (200)



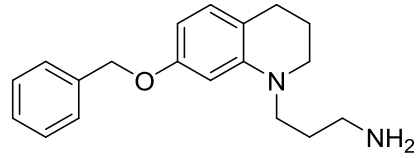

```
Current Data Parameters
NAME                  tr5050
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130815
Time                    5.20
INSTRUM                avc500
PROBHD    5 mm CPDUL 13C
PULPROG                 zg30
TD                     65536
SOLVENT                 MeOD
NS                        16
DS                         4
SWH                10330.578 Hz
FIDRES              0.157632 Hz
AQ                  3.1719425 sec
RG                        2.8
DW                     48.400 usec
DE                      6.00 usec
TE                     298.0 K
D1                 1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
NUC1                      1H
P1                     10.60 usec
PL1                     6.00 dB
PL1W               0.95905519 W
SFO1             500.3030896 MHz

F2 - Processing parameters
SI                     32768
SF               500.3000106 MHz
WDW                       EM
SSB       0
LB                      0.30 Hz
GB        0
PC                      1.00
```



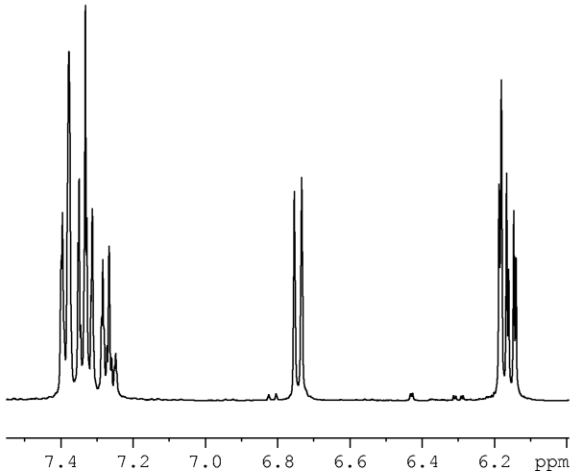
3-(7-Nitro-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (200)



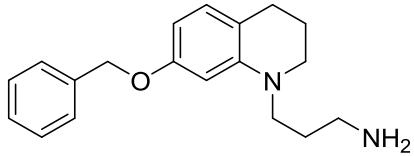
3-[7-(Benzyloxy)-3,4-dihydroquinolin-1(2*H*)-yl]propan-1-amine (201)



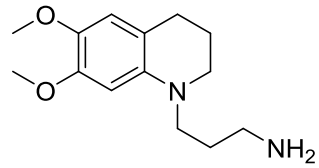

```
Current Data Parameters
NAME                  tr4085
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130718
Time                   2.11
INSTRUM                av400
PROBHD    5 mm QNP 1H/13
PULPROG                zg60
TD                    65536
SOLVENT                MeOD
NS                       16
DS                        2
SWH                8278.146 Hz
FIDRES            0.126314 Hz
AQ                3.9583745 sec
RG                     35.9
DW                   60.400 usec
DE                    7.50 usec
TE                   300.0 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                      1H
P1                    10.10 usec
PL1         0 dB
SFO1           400.2024714 MHz

F2 - Processing parameters
SI                    32768
SF              400.2000047 MHz
WDW                      EM
SSB         0
LB                    0.30 Hz
GB          0
PC                    1.00
```



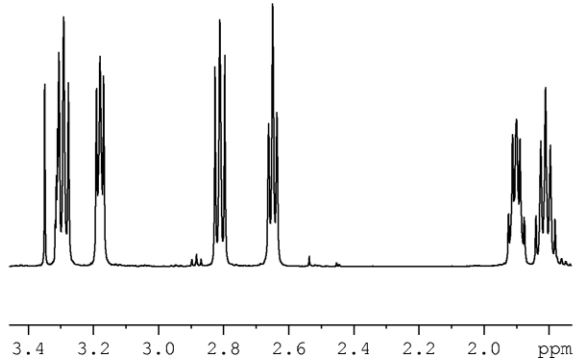
3-[7-(Benzyloxy)-3,4-dihydroquinolin-1(2*H*)-yl]propan-1-amine (201)



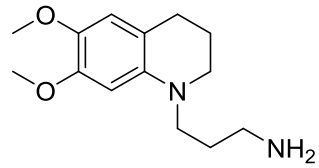
3-(6,7-Dimethoxy-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (202)




```
Current Data Parameters
NAME                  tr5027
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130704
Time                   19.29
INSTRUM                drx500
PROBHD    5 mm PABBO BB/
PULPROG                 zg60
TD                     65536
SOLVENT                 MeOD
NS                        16
DS                         2
SWH                10330.578 Hz
FIDRES              0.157632 Hz
AQ                 3.1719425 sec
RG                        57
DW                    48.400 usec
DE                    17.00 usec
TE                    297.7 K
D1                1.00000000 sec

======== CHANNEL f1 ========
NUC1                       1H
P1                    11.00 usec
PL1          0 dB
SFO1            500.1325007 MHz

F2 - Processing parameters
SI                     32768
SF                500.1300108 MHz
WDW                       EM
SSB          0
LB                     0.30 Hz
GB           0
PC                     1.00
```



3-(6,7-Dimethoxy-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (202)



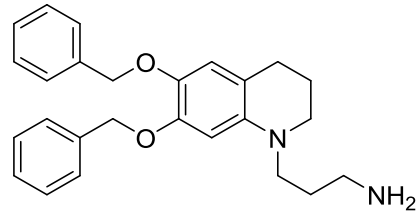
F2 – Acquisition Parameters
Date_ 20130704
Time 20.24
INSTRUM drx500
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 1024
DS 4
SWH 30303.031 Hz
FIDRES 0.462388 Hz
AQ 1.0814105 sec
RG 5792.6
DW 16.500 usec
DE 11.00 usec
TE 297.7 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1

======== CHANNEL f1 ========
NUC1 13C
P1 6.80 usec
PL1 5.00 dB
SFO1 125.7703148 MHz

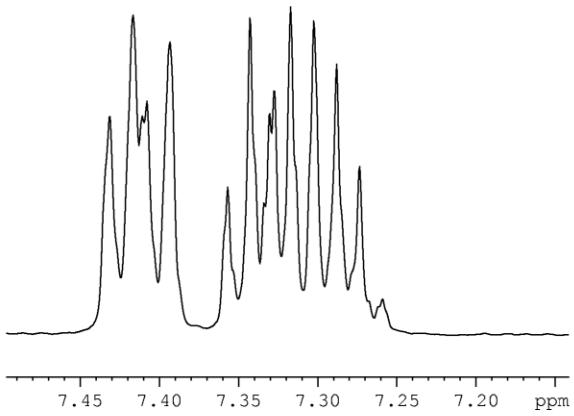
======== CHANNEL f2 ========
CPDPRG2 waltz16
NUC2 1H
PCPD2 100.00 usec
PL2 0.00 dB
PL12 19.00 dB
PL13 23.00 dB
SFO2 500.1320005 MHz

F2 – Processing parameters
SI 32768
SF 125.7575604 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

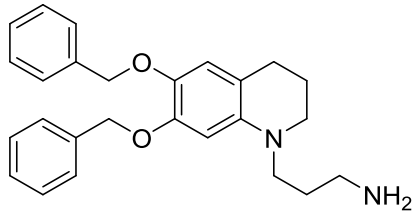
3-[6,7-Bis(benzyloxy)-3,4-dihydroquinolin-1(2*H*)-yl]propan-1-amine (203)




```
Current Data Parameters
NAME                 tr5030
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20130705
Time                  0.30
INSTRUM              drx500
PROBHD    5 mm PABBO BB/
PULPROG               zg60
TD                   65536
SOLVENT               MeOD
NS                      16
DS                       2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719425 sec
RG                    71.8
DW                  48.400 usec
DE                  17.00 usec
TE                  297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                     1H
P1                  11.00 usec
PL1       0 dB
SFO1          500.1325007 MHz

F2 - Processing parameters
SI                   32768
SF             500.1300108 MHz
WDW                     EM
SSB       0
LB                   0.30 Hz
GB        0
PC                   1.00
```



3-[6,7-Bis(benzyloxy)-3,4-dihydroquinolin-1(2*H*)-yl]propan-1-amine (203)



F2 – Acquisition Parameters

Date_	20130705
Time	1.25
INSTRUM	drx500
PROBHD	5 mm PABBO BB/
PULPROG	zgpg30
TD	65536
SOLVENT	MeOD
NS	1024
DS	4
SWH	30303.031 Hz
FIDRES	0.462388 Hz
AQ	1.0814105 sec
RG	5160.6
DW	16.500 usec
DE	11.00 usec
TE	297.7 K
D1	2.00000000 sec
d11	0.03000000 sec
DELTA	1.89999998 sec
TD0	1

-------- CHANNEL f1 --------

NUC1	13C
P1	6.80 usec
PL1	5.00 dB
SFO1	125.7703148 MHz

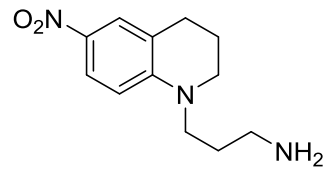
-------- CHANNEL f2 --------

CPDPRG2	waltz16
NUC2	1H
PCPD2	100.00 usec
PL2	0.00 dB
PL12	19.00 dB
PL13	23.00 dB
SFO2	500.1320005 MHz

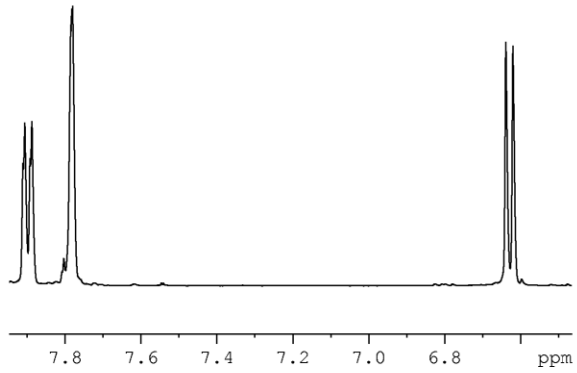
F2 – Processing parameters

SI	32768
SF	125.7575604 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

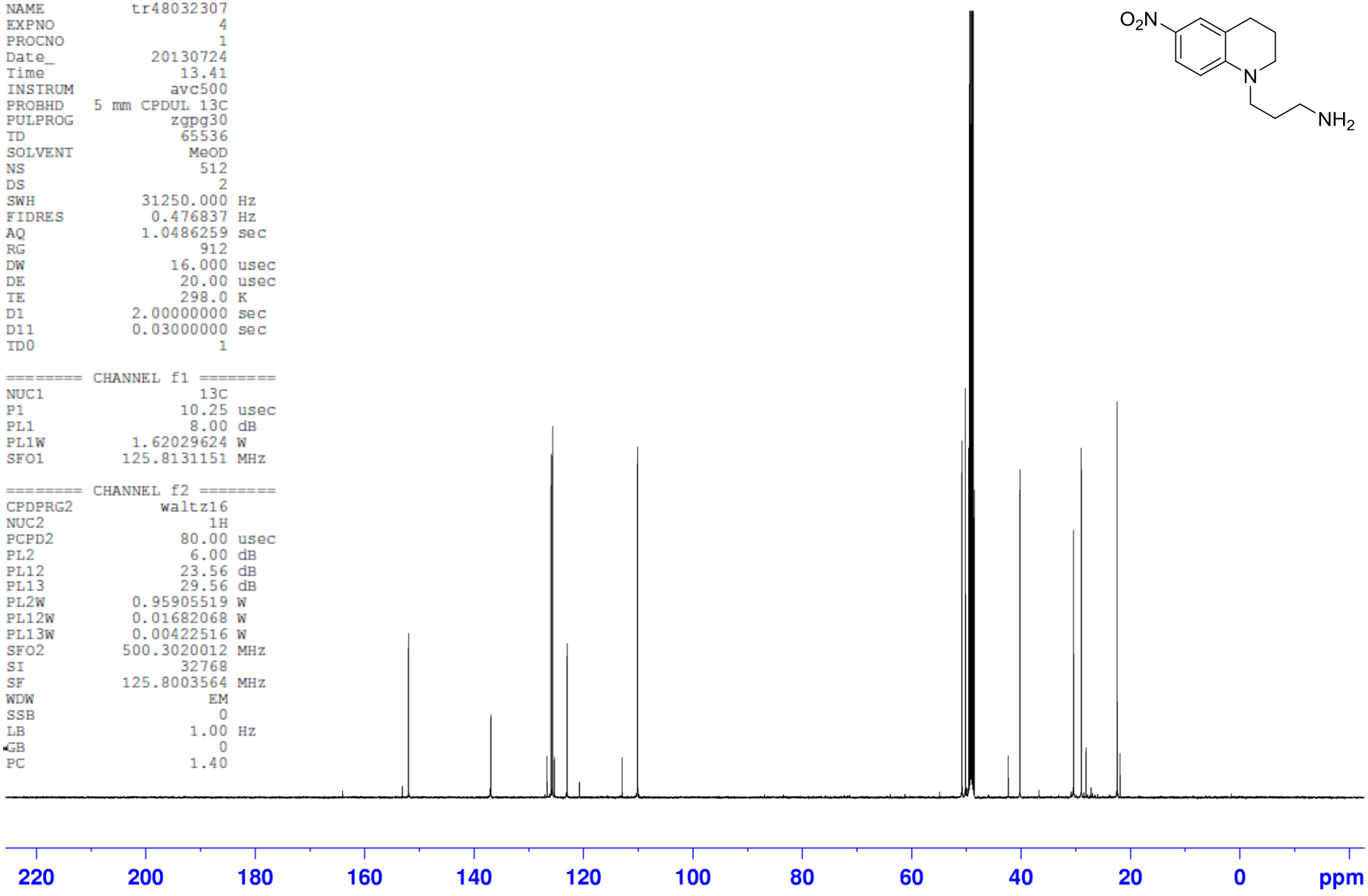
3-(6-Nitro-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (204)



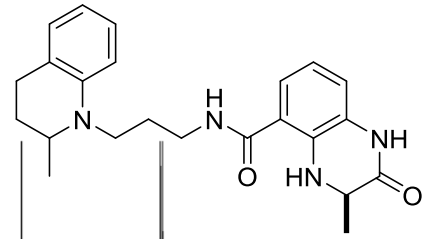

```
Current Data Parameters
NAME                  tr5039
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130724
Time                   12.55
INSTRUM                avc500
PROBHD    5 mm CPDUL 13C
PULPROG                 zg30
TD                     65536
SOLVENT                 MeOD
NS                        16
DS                         4
SWH                10330.578 Hz
FIDRES              0.157632 Hz
AQ                 3.1719425 sec
RG                       2.8
DW                    48.400 usec
DE                     6.00 usec
TE                    298.0 K
D1                 1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
NUC1                      1H
P1                     10.60 usec
PL1                     6.00 dB
PL1W              0.95905519 W
SFO1             500.3030896 MHz

F2 - Processing parameters
SI                     32768
SF                500.3000107 MHz
WDW                       EM
SSB       0
LB                     0.30 Hz
GB        0
PC                     1.00
```



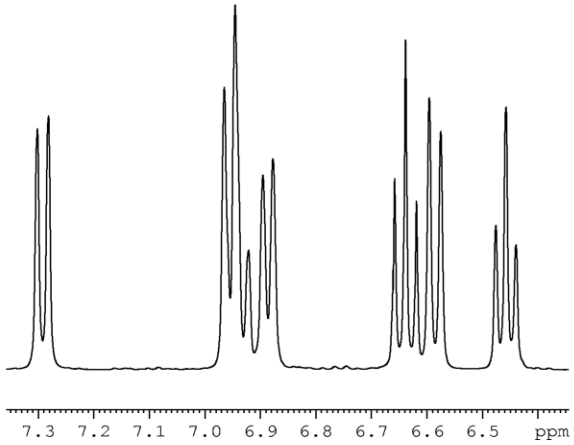
3-(6-Nitro-3,4-dihydroquinolin-1(2*H*)-yl)propan-1-amine (204)

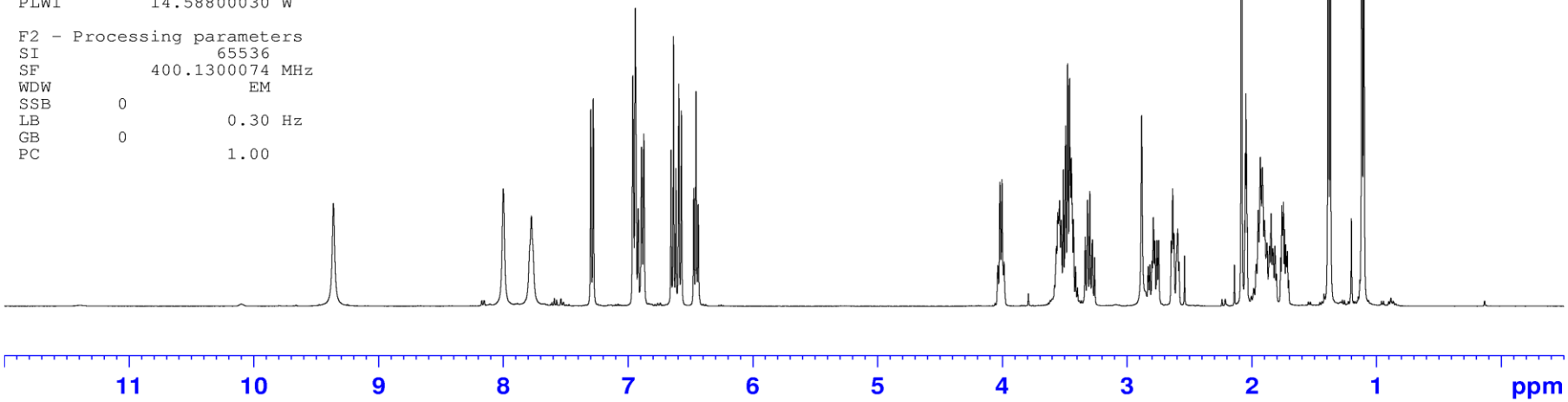


(3*R*)-*N*-[3-(2-Methyl-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-207]

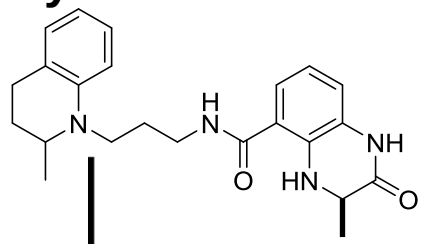



```
Current Data Parameters
NAME            tr5059-4
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20140330
Time               15.35
INSTRUM          avb400
PROBHD   5 mm PABBO BB/
PULPROG             zg30
TD                 65536
SOLVENT          Acetone
NS                    16
DS                     2
SWH             8012.820 Hz
FIDRES          0.122266 Hz
AQ              4.0894465 sec
RG                 30.76
DW                62.400 usec
DE                 6.50 usec
TE                298.0 K
D1             1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         400.1320007 MHz
NUC1                   1H
P1                 10.00 usec
PLW1         14.58800030 W

F2 - Processing parameters
SI                 65536
SF           400.1300074 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```

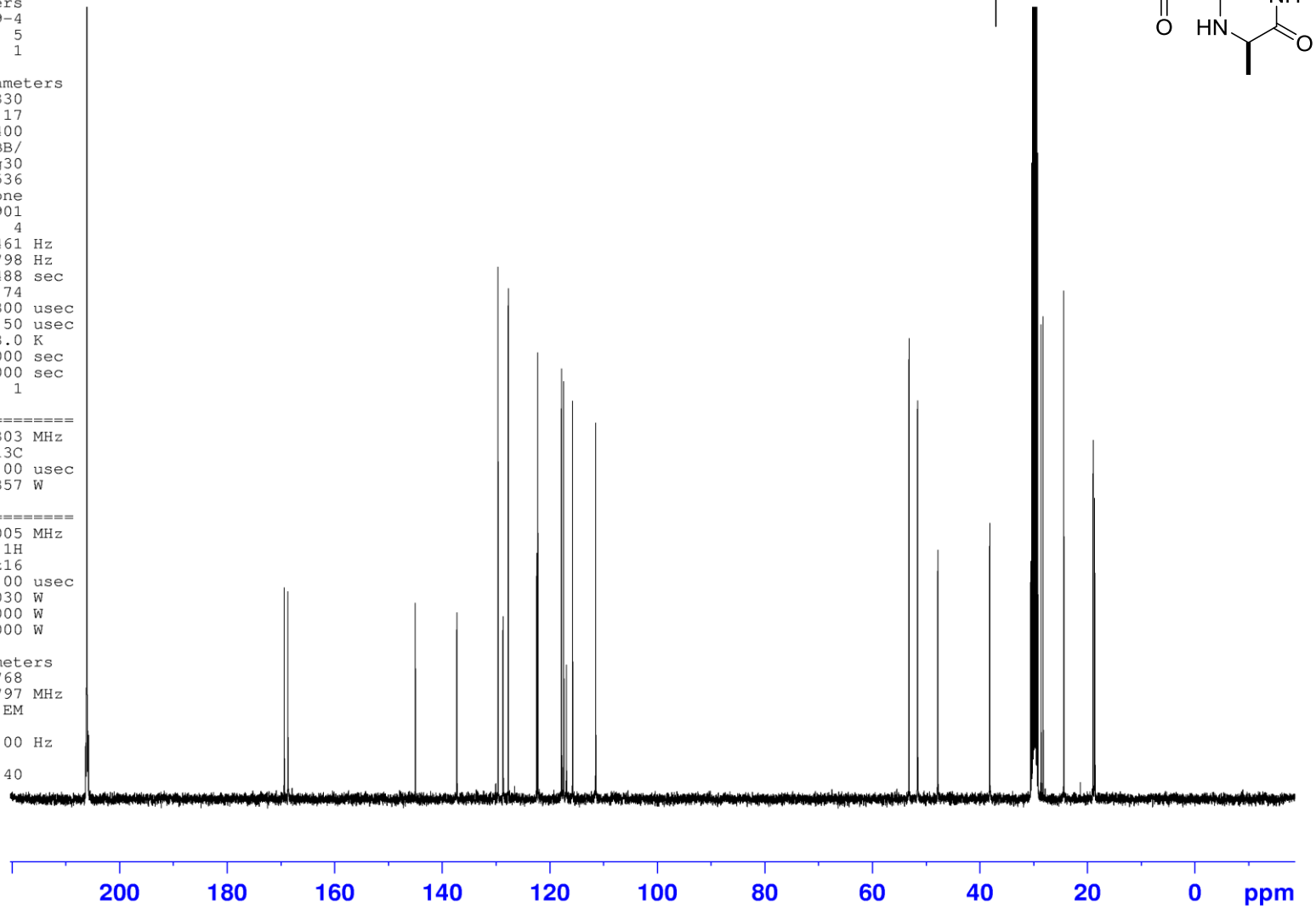




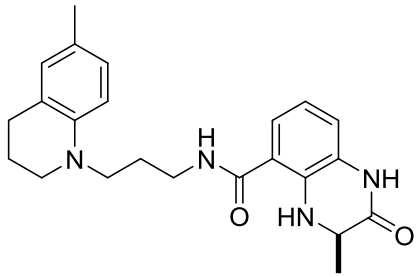
(3*R*)-*N*-[3-(2-Methyl-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-207]



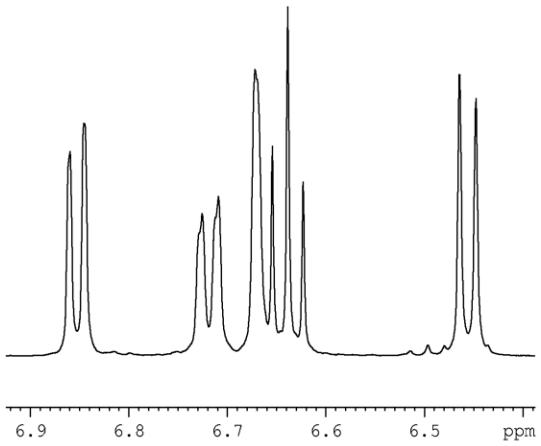

```
Current Data Parameters
NAME            tr5059-4
EXPNO                  5
PROCNO                 1

F2 - Acquisition Parameters
Date_           20140330
Time               17.17
INSTRUM          avb400
PROBHD   5 mm PABBO BB/
PULPROG          zgpg30
TD                65536
SOLVENT         Acetone
NS                  901
DS                    4
SWH           24038.461 Hz
FIDRES         0.366798 Hz
AQ            1.3631488 sec
RG               197.74
DW               20.800 usec
DE                6.50 usec
TE                298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
SFO1        100.6228303 MHz
NUC1                13C
P1                10.00 usec
PLW1        60.95399857 W

======== CHANNEL f2 ========
SFO2        400.1316005 MHz
NUC2                1H
CPDPRG[2         waltz16
PCPD2             70.00 usec
PLW2        14.58800030 W
PLW12        0.29771000 W
PLW13        0.14588000 W

F2 - Processing parameters
SI                 32768
SF          100.6126797 MHz
WDW                EM
SSB       0
LB                1.00 Hz
GB        0
PC                1.40
```



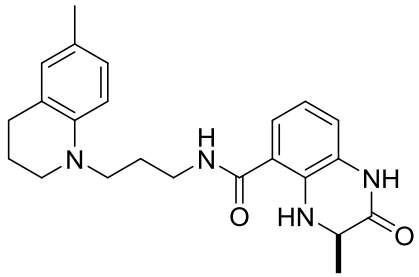
(3*R*)-*N*-[3-(6-methyl-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-208]



```
Current Data Parameters
NAME         tr46771007
EXPNO                 1
PROCNO                1

F2 - Acquisition Parameters
Date_          20130710
Time               8.48
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG            zg30
TD                65536
SOLVENT            DMSO
NS                   16
DS                    4
SWH           10330.578 Hz
FIDRES         0.157632 Hz
AQ            3.1719425 sec
RG                    2
DW               48.400 usec
DE                6.00 usec
TE               298.0 K
D1           1.00000000 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                 1H
P1                10.60 usec
PL1                6.00 dB
PL1W         0.95905519 W
SFO1        500.3030896 MHz

F2 - Processing parameters
SI                32768
SF          500.3000049 MHz
WDW                  EM
SSB      0
LB                0.30 Hz
GB       0
PC                1.00
```

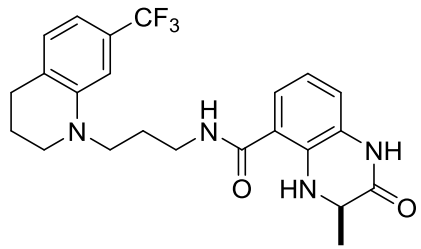


(3*R*)-*N*-[3-(6-methyl-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-208]

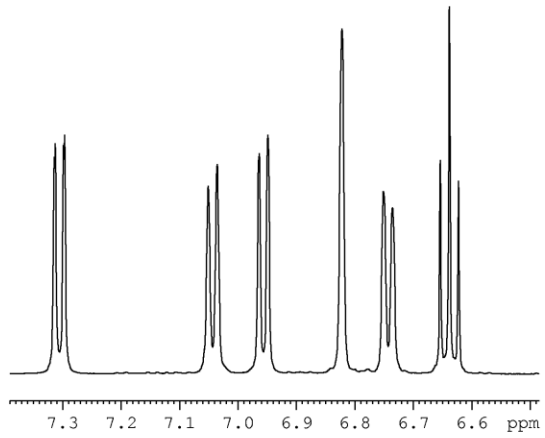



```
NAME          tr46771007
EXPNO                  4
PROCNO                 1
Date_           20130710
Time               10.41
INSTRUM           avc500
PROBHD   5 mm CPDUL 13C
PULPROG          zgpg30
TD                65536
SOLVENT             DMSO
NS                  1754
DS                     2
SWH            31250.000 Hz
FIDRES          0.476837 Hz
AQ              1.0486259 sec
RG                   912
DW                16.000 usec
DE                20.00 usec
TE                298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 13C
P1                 10.25 usec
PL1                 8.00 dB
PL1W          1.62029624 W
SFO1        125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2          waltz16
NUC2                 1H
PCPD2              80.00 usec
PL2                 6.00 dB
PL12               23.56 dB
PL13               29.56 dB
PL2W          0.95905519 W
PL12W         0.01682068 W
PL13W         0.00422516 W
SFO2        500.3020012 MHz
SI                 32768
SF          125.8005954 MHz
WDW                   EM
SSB                    0
LB                  1.00 Hz
GB                     0
PC                  1.40
```

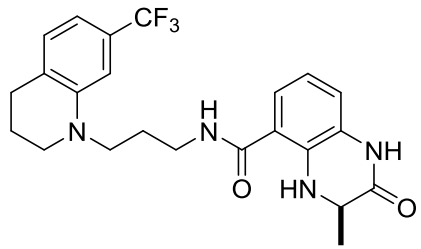
(3*R*)-*N*-{3-[7-(Trifluoromethyl)-3,4-dihydroquinolin-1(2*H*)-yl]propyl}-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-209]




```
Current Data Parameters
NAME         tr50191908
EXPNO                 1
PROCNO                1

F2 - Acquisition Parameters
Date_          20130819
Time              14.13
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG             zg30
TD                 65536
SOLVENT          Acetone
NS                    16
DS                     4
SWH            10330.578 Hz
FIDRES          0.157632 Hz
AQ             3.1719425 sec
RG                   2.8
DW                48.400 usec
DE                 6.00 usec
TE                298.0 K
D1           1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                  1H
P1                 10.60 usec
PL1                 6.00 dB
PL1W          0.95905519 W
SFO1         500.3030896 MHz

F2 - Processing parameters
SI                 32768
SF           500.3000096 MHz
WDW                   EM
SSB      0
LB                 0.30 Hz
GB       0
PC                 1.00
```

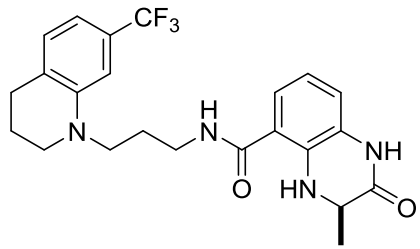


(3*R*)-*N*-{3-[7-(Trifluoromethyl)-3,4-dihydroquinolin-1(2*H*)-yl]propyl}-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-209]

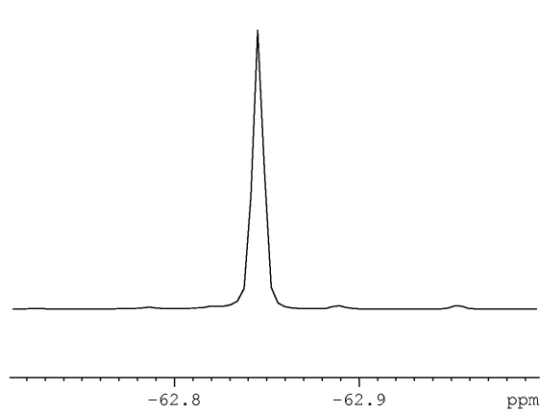



```
NAME          tr50191908
EXPNO                  4
PROCNO                 1
Date_           20130819
Time               15.02
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG          zgpg30
TD                65536
SOLVENT         Acetone
NS                   512
DS                     2
SWH            31250.000 Hz
FIDRES          0.476837 Hz
AQ              1.0486259 sec
RG                   912
DW                16.000 usec
DE                20.00 usec
TE                298.0 K
D1            2.00000000 sec
D11           0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 13C
P1                 10.25 usec
PL1                 8.00 dB
PL1W          1.62029624 W
SFO1        125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2          waltz16
NUC2                 1H
PCPD2              80.00 usec
PL2                 6.00 dB
PL12               23.56 dB
PL13               29.56 dB
PL2W          0.95905519 W
PL12W         0.01682068 W
PL13W         0.00422516 W
SFO2        500.3020012 MHz
SI                 32768
SF          125.8004218 MHz
WDW                   EM
SSB                    0
LB                  1.00 Hz
GB                     0
PC                  1.40
```

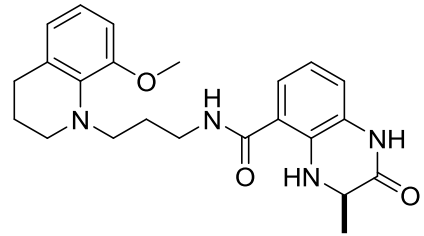
(3*R*)-*N*-{3-[7-(Trifluoromethyl)-3,4-dihydroquinolin-1(2*H*)-yl]propyl}-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-209]



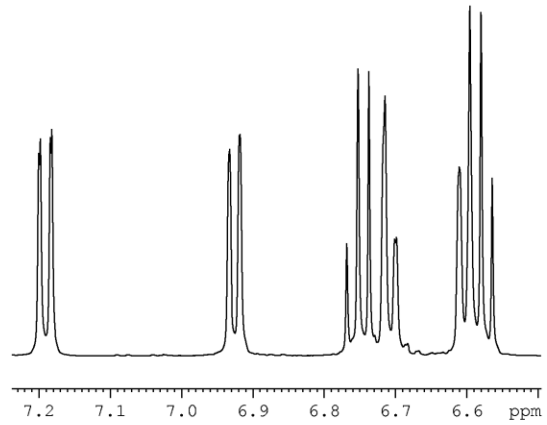

```
Current Data Parameters
NAME           tr5058-3
EXPNO                 2
PROCNO                1

F2 - Acquisition Parameters
Date_          20140410
Time              20.01
INSTRUM          avb500
PROBHD   5 mm PATXI 1H/
PULPROG      zgflqn.tfi
TD               131072
SOLVENT         Acetone
NS                   128
DS                     4
SWH           113636.367 Hz
FIDRES          0.866977 Hz
AQ             0.5767168 sec
RG                  2050
DW                 4.400 usec
DE                 6.50 usec
TE                298.0 K
D1           1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         470.4041913 MHz
NUC1                 19F
P1                 14.00 usec
PLW1         25.00000000 W

F2 - Processing parameters
SI                 65536
SF           470.4512360 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```



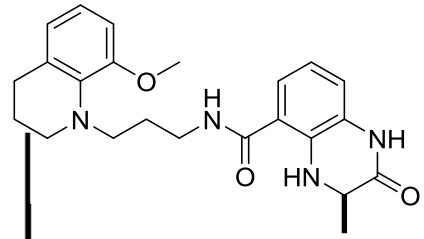
(3*R*)-*N*-[3-(8-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-210]



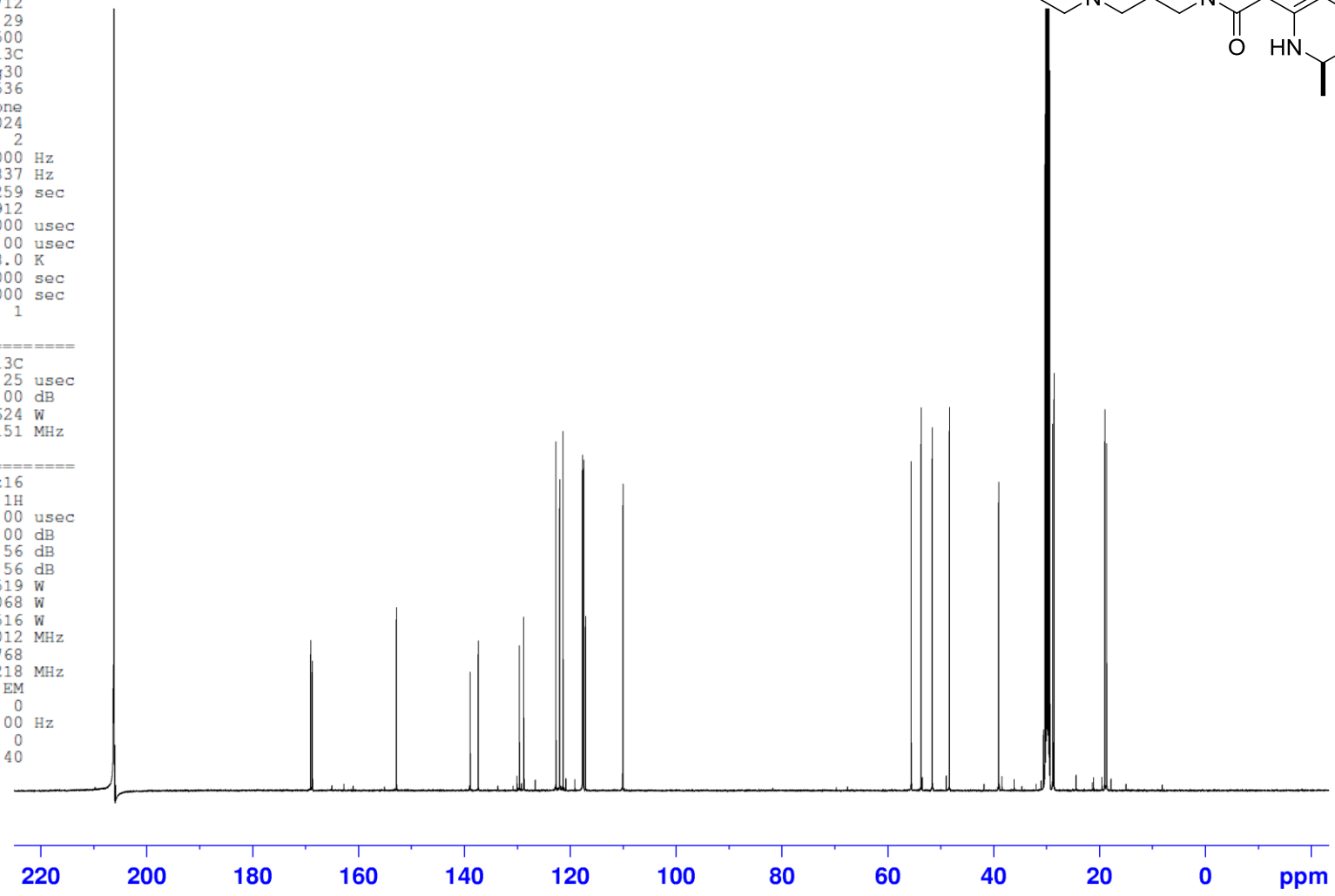

```
Current Data Parameters
NAME         tr47211207
EXPNO                 1
PROCNO                1

F2 - Acquisition Parameters
Date_          20130712
Time              12.14
INSTRUM         avc500
PROBHD   5 mm CPDUL 13C
PULPROG            zg30
TD                65536
SOLVENT         Acetone
NS                   16
DS                    4
SWH           10330.578 Hz
FIDRES         0.157632 Hz
AQ            3.1719425 sec
RG                 2.56
DW               48.400 usec
DE                6.00 usec
TE               298.0 K
D1           1.00000000 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                  1H
P1                10.60 usec
PL1                6.00 dB
PL1W         0.95905519 W
SFO1        500.3030896 MHz

F2 - Processing parameters
SI                32768
SF          500.3000096 MHz
WDW                  EM
SSB      0
LB                0.30 Hz
GB       0
PC                1.00
```



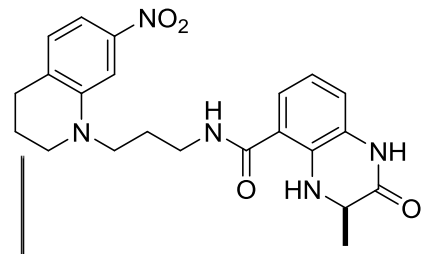
(3*R*)-*N*-[3-(8-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-210]



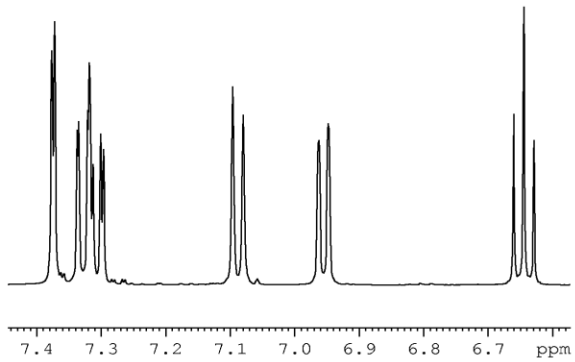
NAME	tr47211207	
EXPNO	4	
PROCNO	1	
Date_	20130712	
Time	13.29	
INSTRUM	avc500	
PROBHD	5 mm CPDUL 13C	
PULPROG	zgpg30	
TD	65536	
SOLVENT	Acetone	
NS	1024	
DS	2	
SWH	31250.000	Hz
FIDRES	0.476837	Hz
AQ	1.0486259	sec
RG	912	
DW	16.000	usec
DE	20.00	usec
TE	298.0	K
D1	2.00000000	sec
D11	0.03000000	sec
TD0	1	
======== CHANNEL f1 ========		
NUC1	13C	
P1	10.25	usec
PL1	8.00	dB
PL1W	1.62029624	W
SFO1	125.8131151	MHz
======== CHANNEL f2 ========		
CPDPRG2	waltz16	
NUC2	1H	
PCPD2	80.00	usec
PL2	6.00	dB
PL12	23.56	dB
PL13	29.56	dB
PL2W	0.95905519	W
PL12W	0.01682068	W
PL13W	0.00422516	W
SFO2	500.3020012	MHz
SI	32768	
SF	125.8004218	MHz
WDW	EM	
SSB	0	
LB	1.00	Hz
GB	0	
PC	1.40	



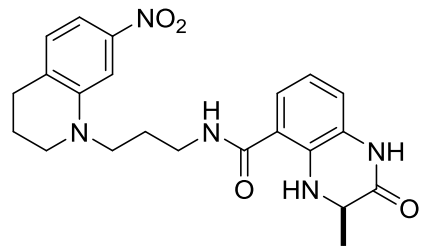
(3*R*)-*N*-[3-(7-Nitro-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-212]



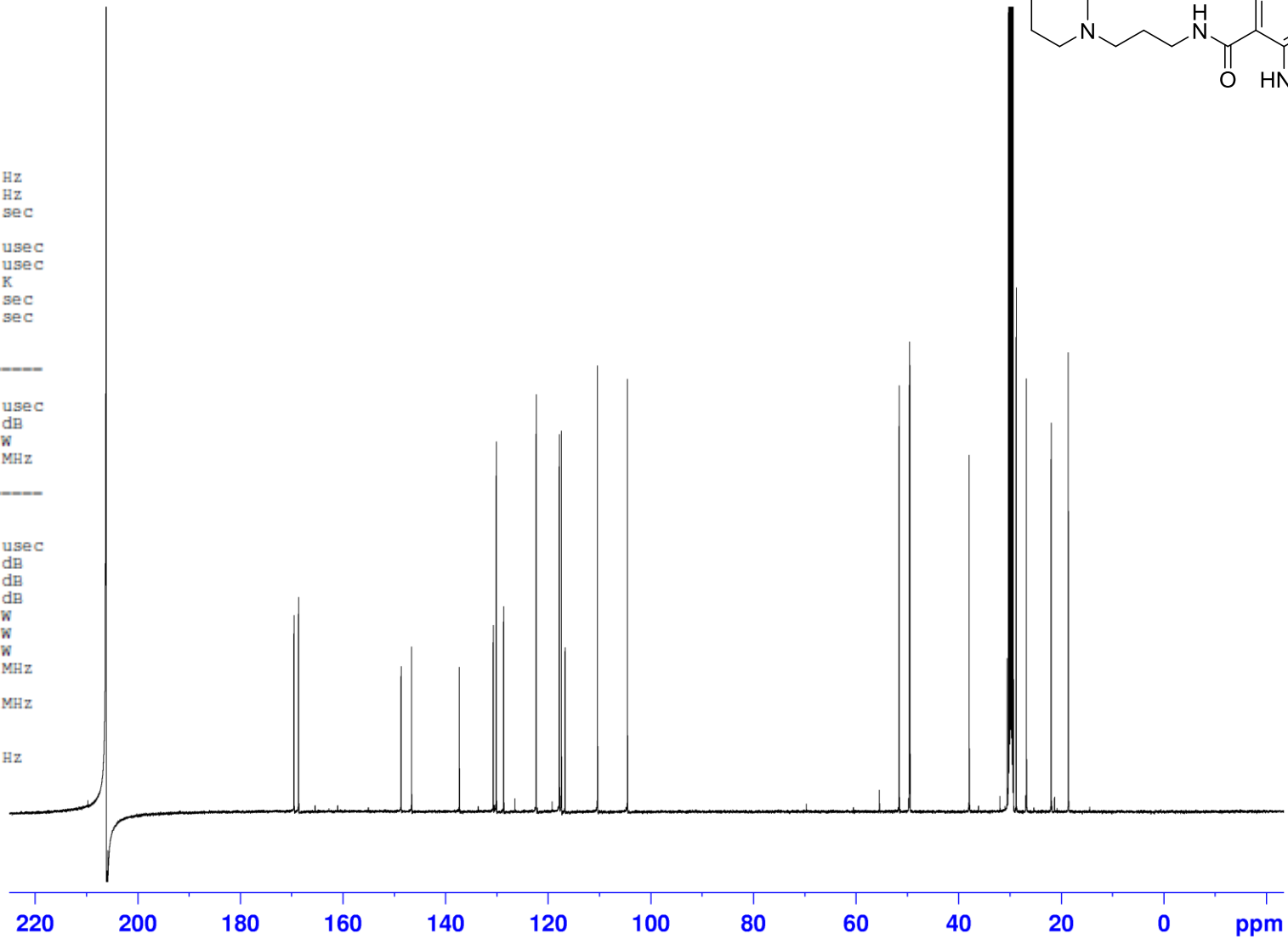

```
Current Data Parameters
NAME          tr50832208
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130822
Time               14.15
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG             zg30
TD                 65536
SOLVENT          Acetone
NS                    16
DS                     4
SWH            10330.578 Hz
FIDRES          0.157632 Hz
AQ              3.1719425 sec
RG                   2.8
DW                48.400 usec
DE                 6.00 usec
TE                298.0 K
D1           1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                  1H
P1                 10.60 usec
PL1                 6.00 dB
PL1W          0.95905519 W
SFO1         500.3030896 MHz

F2 - Processing parameters
SI                 32768
SF          500.3000095 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```



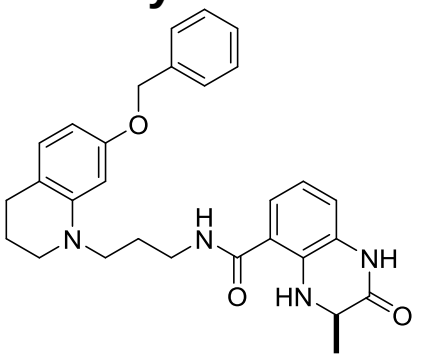
(3*R*)-*N*-[3-(7-Nitro-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-212]



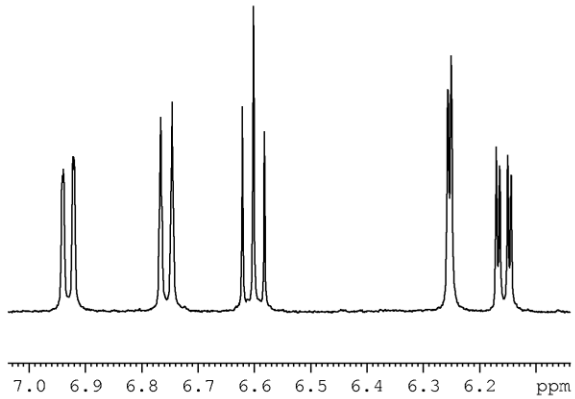
NAME	tr50832208	
EXPNO	4	
PROCNO	1	
Date_	20130822	
Time	15.04	
INSTRUM	avc500	
PROBHD	5 mm CPDUL 13C	
PULPROG	zgpg30	
TD	65536	
SOLVENT	Acetone	
NS	512	
DS	2	
SWH	31250.000	Hz
FIDRES	0.476837	Hz
AQ	1.0486259	sec
RG	912	
DW	16.000	usec
DE	20.00	usec
TE	298.0	K
D1	2.00000000	sec
D11	0.03000000	sec
TD0	1	
======== CHANNEL f1 ========		
NUC1	13C	
P1	10.25	usec
PL1	8.00	dB
PL1W	1.62029624	W
SFO1	125.8131151	MHz
======== CHANNEL f2 ========		
CPDPRG2	waltz16	
NUC2	1H	
PCPD2	80.00	usec
PL2	6.00	dB
PL12	23.56	dB
PL13	29.56	dB
PL2W	0.95905519	W
PL12W	0.01682068	W
PL13W	0.00422516	W
SFO2	500.3020012	MHz
SI	32768	
SF	125.8004218	MHz
WDW	EM	
SSB	0	
LB	1.00	Hz
GB	0	
PC	1.40	



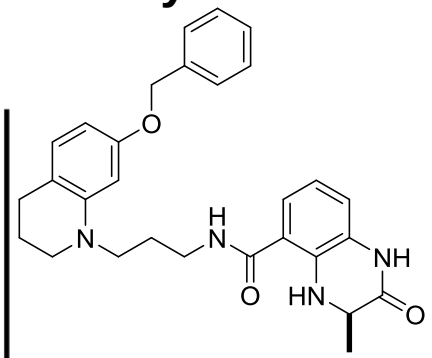
(3*R*)-*N*-{3-[7-(Benzyloxy)-3,4-dihydroquinolin-1(2*H*)-yl]propyl}-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-213]




```
Current Data Parameters
NAME       Sep02-2013-16
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130902
Time               18.46
INSTRUM            av400
PROBHD   5 mm QNP 1H/13
PULPROG             zg60
TD                 65536
SOLVENT          Acetone
NS                    16
DS                     2
SWH             8278.146 Hz
FIDRES          0.126314 Hz
AQ             3.9583745 sec
RG                 456.1
DW                60.400 usec
DE                 7.50 usec
TE                300.0 K
D1            1.00000000 sec

======== CHANNEL f1 ========
NUC1                  1H
P1                10.10 usec
PL1       0 dB
SFO1         400.2024714 MHz

F2 - Processing parameters
SI                 32768
SF           400.2000038 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```



(3*R*)-*N*-{3-[7-(Benzyloxy)-3,4-dihydroquinolin-1(2*H*)-yl]propyl}-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-213]



F2 – Acquisition Parameters

Date_	20130826
Time	18.35
INSTRUM	drx500
PROBHD	5 mm PABBO BB/
PULPROG	zgpg30
TD	65536
SOLVENT	Acetone
NS	1024
DS	4
SWH	30303.031 Hz
FIDRES	0.462388 Hz
AQ	1.0814105 sec
RG	9195.2
DW	16.500 usec
DE	11.00 usec
TE	297.7 K
D1	2.00000000 sec
d11	0.03000000 sec
DELTA	1.89999998 sec
TD0	1

------ CHANNEL f1 ------

NUC1	13C
P1	6.80 usec
PL1	5.00 dB
SFO1	125.7703148 MHz

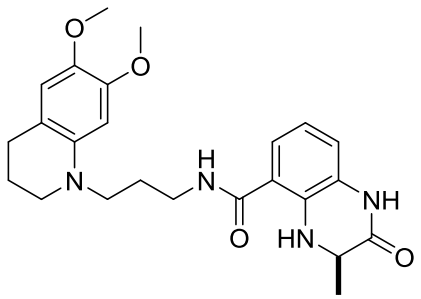
------ CHANNEL f2 ------

CPDPRG2	waltz16
NUC2	1H
PCPD2	100.00 usec
PL2	0.00 dB
PL12	19.00 dB
PL13	23.00 dB
SFO2	500.1320005 MHz

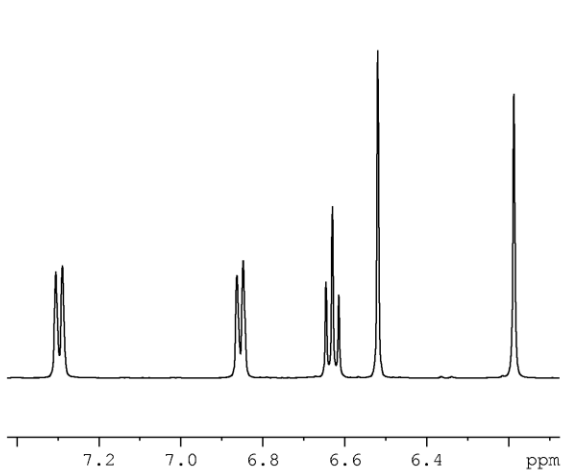
F2 – Processing parameters

SI	32768
SF	125.7576258 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40

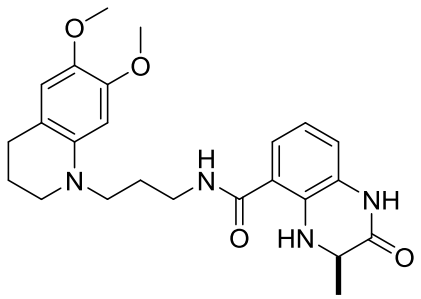
(3*R*)-*N*-[3-(6,7-dimethoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-214]



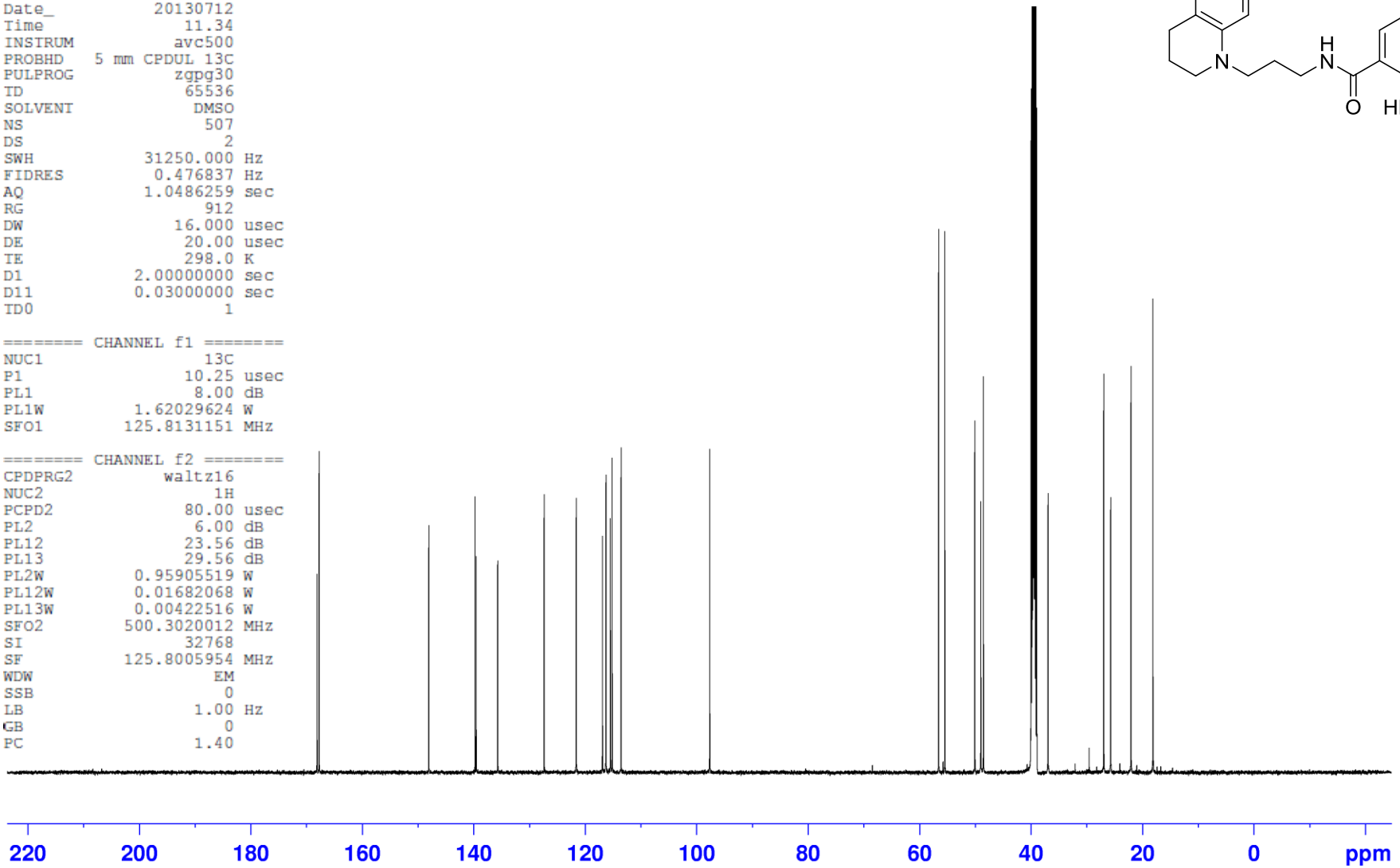

```
Current Data Parameters
NAME          tr47191207
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130712
Time               10.45
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG             zg30
TD                 65536
SOLVENT             DMSO
NS                    16
DS                     4
SWH           10330.578 Hz
FIDRES         0.157632 Hz
AQ            3.1719425 sec
RG                  1.78
DW                48.400 usec
DE                 6.00 usec
TE                298.0 K
D1           1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                  1H
P1                10.60 usec
PL1                6.00 dB
PL1W         0.95905519 W
SFO1        500.3030896 MHz

F2 - Processing parameters
SI                 32768
SF          500.3000051 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```



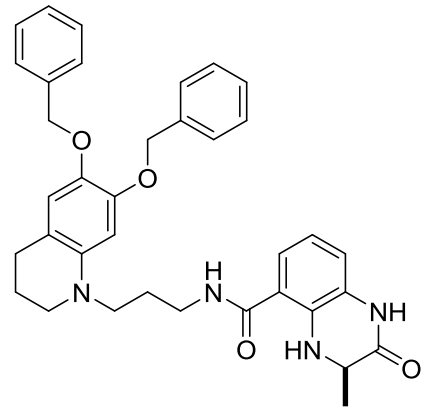
(3*R*)-*N*-[3-(6,7-dimethoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-214]



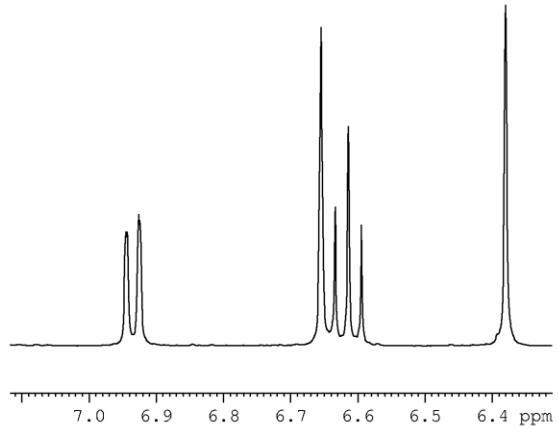
```
NAME          tr47191207
EXPNO                  4
PROCNO                 1
Date_           20130712
Time               11.34
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG          zgpg30
TD                65536
SOLVENT             DMSO
NS                   507
DS                     2
SWH            31250.000 Hz
FIDRES          0.476837 Hz
AQ             1.0486259 sec
RG                   912
DW                16.000 usec
DE                20.00 usec
TE                298.0 K
D1            2.00000000 sec
D11           0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                  13C
P1                 10.25 usec
PL1                 8.00 dB
PL1W          1.62029624 W
SFO1         125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2           waltz16
NUC2                  1H
PCPD2              80.00 usec
PL2                 6.00 dB
PL12               23.56 dB
PL13               29.56 dB
PL2W          0.95905519 W
PL12W         0.01682068 W
PL13W         0.00422516 W
SFO2         500.3020012 MHz
SI                 32768
SF           125.8005954 MHz
WDW                   EM
SSB                    0
LB                  1.00 Hz
GB                     0
PC                  1.40
```



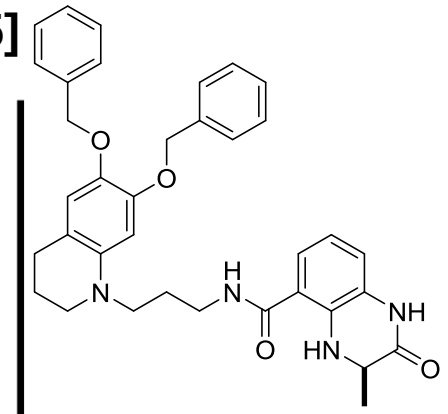
(3*R*)-*N*-{3-[6,7-Bis(benzyloxy)-3,4-dihydroquinolin-1(2*H*)-yl]propyl}-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-215]




```
Current Data Parameters
NAME       Aug27-2013-14
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130827
Time               11.52
INSTRUM           avn400
PROBHD   5 mm PABBO BB/
PULPROG             zg60
TD                 65536
SOLVENT          Acetone
NS                    16
DS                     2
SWH              8012.820 Hz
FIDRES           0.122266 Hz
AQ               4.0894465 sec
RG                 45.32
DW                62.400 usec
DE                 6.50 usec
TE                293.3 K
D1            1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         400.2524015 MHz
NUC1                   1H
P1                 12.65 usec
PLW1         16.70000076 W

F2 - Processing parameters
SI                 32768
SF           400.2500089 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```

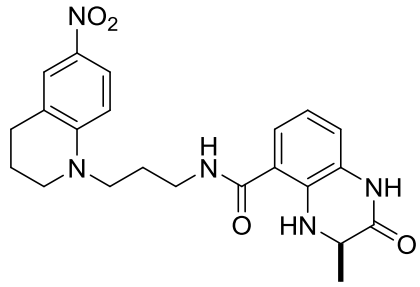


(3*R*)-*N*-{3-[6,7-Bis(benzyloxy)-3,4-dihydroquinolin-1(2*H*)-yl]propyl}-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-215]

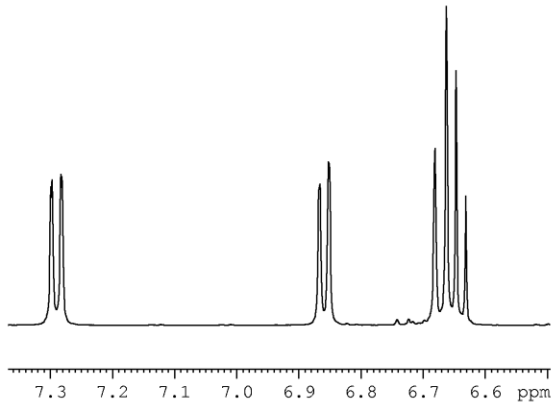


NAME	tr50822208	
EXPNO	4	
PROCNO	1	
Date_	20130822	
Time	12.59	
INSTRUM	avc500	
PROBHD	5 mm CPDUL 13C	
PULPROG	zgpg30	
TD	65536	
SOLVENT	Acetone	
NS	512	
DS	2	
SWH	31250.000	Hz
FIDRES	0.476837	Hz
AQ	1.0486259	sec
RG	912	
DW	16.000	usec
DE	20.00	usec
TE	298.0	K
D1	2.00000000	sec
D11	0.03000000	sec
TD0	1	
========	CHANNEL f1	========
NUC1	13C	
P1	10.25	usec
PL1	8.00	dB
PL1W	1.62029624	W
SFO1	125.8131151	MHz
========	CHANNEL f2	========
CPDPRG2	waltz16	
NUC2	1H	
PCPD2	80.00	usec
PL2	6.00	dB
PL12	23.56	dB
PL13	29.56	dB
PL2W	0.95905519	W
PL12W	0.01682068	W
PL13W	0.00422516	W
SFO2	500.3020012	MHz
SI	32768	
SF	125.8004218	MHz
WDW	EM	
SSB	0	
LB	1.00	Hz
GB	0	
PC	1.40	

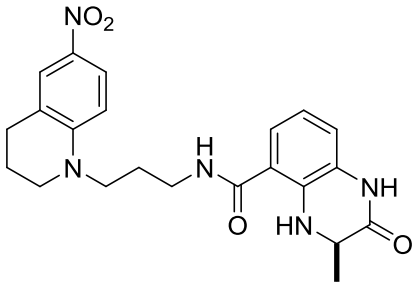
(3*R*)-*N*-[3-(6-Nitro-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-216]



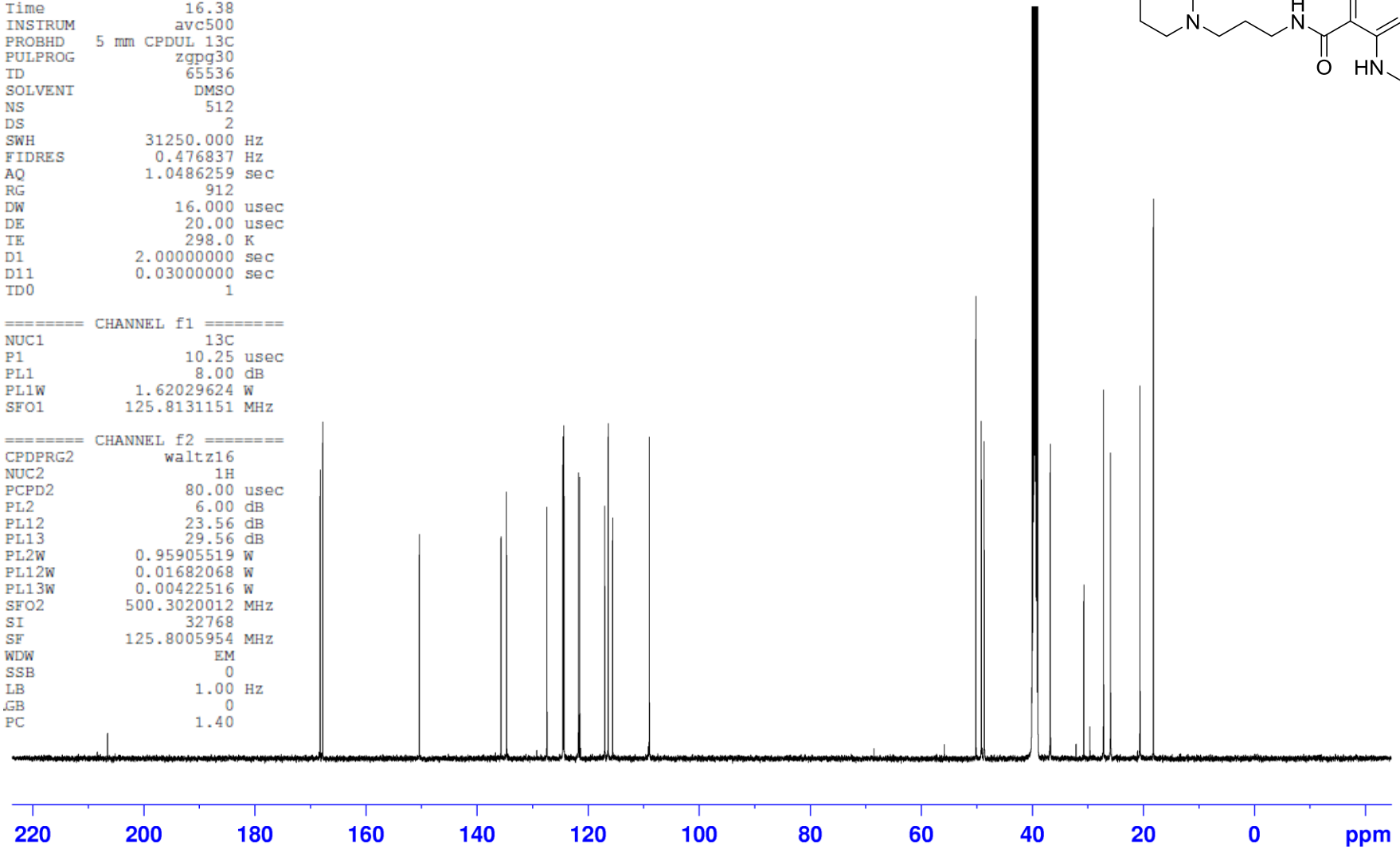

```
Current Data Parameters
NAME          tr50181908
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130819
Time               15.49
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG             zg30
TD                 65536
SOLVENT             DMSO
NS                    16
DS                     4
SWH            10330.578 Hz
FIDRES          0.157632 Hz
AQ             3.1719425 sec
RG                   2.8
DW                48.400 usec
DE                 6.00 usec
TE                298.0 K
D1            1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                  1H
P1                 10.60 usec
PL1                 6.00 dB
PL1W          0.95905519 W
SFO1         500.3030896 MHz

F2 - Processing parameters
SI                 32768
SF           500.3000049 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```



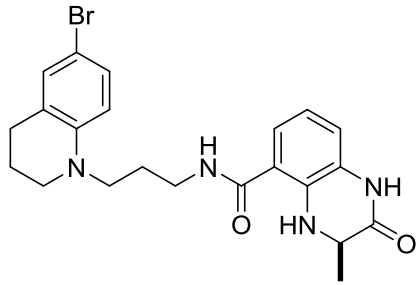
(3*R*)-*N*-[3-(6-Nitro-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-216]



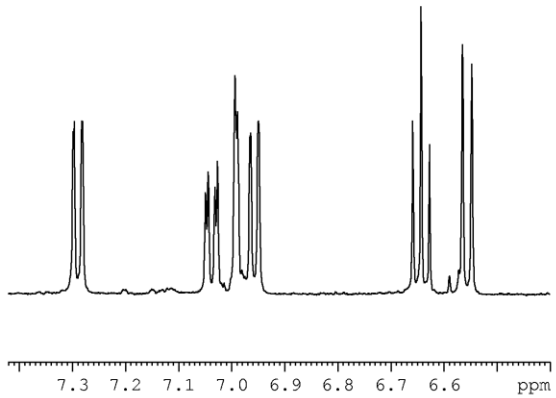

```
NAME          tr50181908
EXPNO                  4
PROCNO                 1
Date_           20130819
Time               16.38
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG          zgpg30
TD                65536
SOLVENT             DMSO
NS                   512
DS                     2
SWH            31250.000 Hz
FIDRES          0.476837 Hz
AQ             1.0486259 sec
RG                   912
DW                16.000 usec
DE                20.00 usec
TE                298.0 K
D1            2.00000000 sec
D11           0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                  13C
P1                 10.25 usec
PL1                 8.00 dB
PL1W          1.62029624 W
SFO1         125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2           waltz16
NUC2                  1H
PCPD2              80.00 usec
PL2                 6.00 dB
PL12               23.56 dB
PL13               29.56 dB
PL2W          0.95905519 W
PL12W         0.01682068 W
PL13W         0.00422516 W
SFO2         500.3020012 MHz
SI                 32768
SF           125.8005954 MHz
WDW                   EM
SSB                    0
LB                  1.00 Hz
GB                     0
PC                  1.40
```



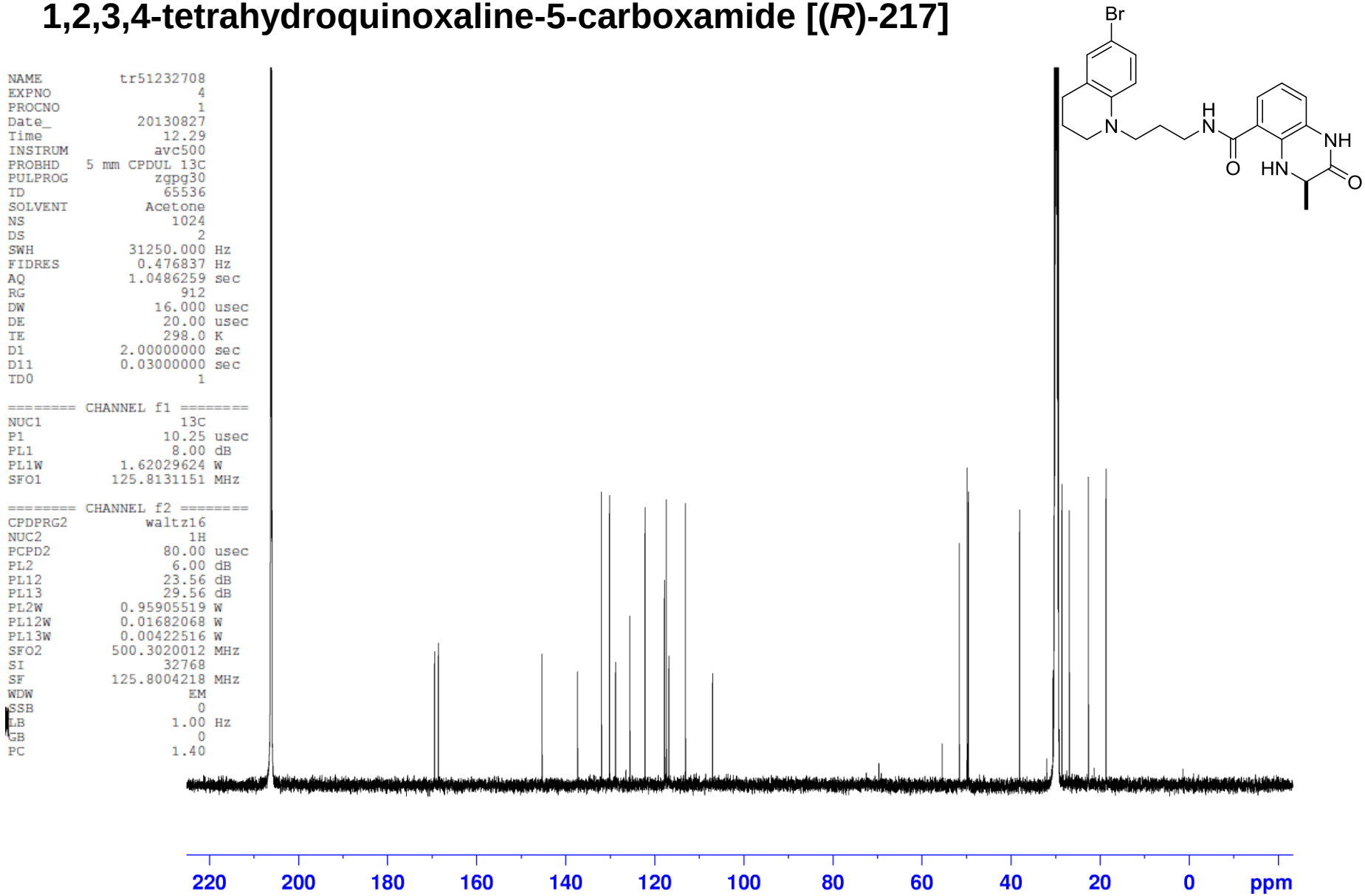
(3*R*)-*N*-[3-(6-Bromo-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-217]



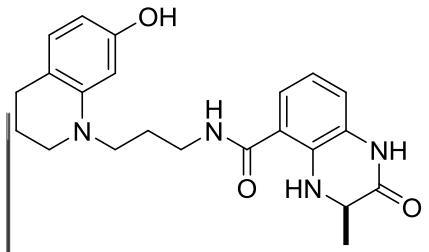

```
Current Data Parameters
NAME          tr51232708
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130827
Time               11.41
INSTRUM          avc500
PROBHD    5 mm CPDUL 13C
PULPROG             zg30
TD                 65536
SOLVENT          Acetone
NS                    16
DS                     4
SWH            10330.578 Hz
FIDRES          0.157632 Hz
AQ             3.1719425 sec
RG                   2.8
DW                48.400 usec
DE                 6.00 usec
TE                298.0 K
D1            1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                  1H
P1                 10.60 usec
PL1                 6.00 dB
PL1W          0.95905519 W
SFO1         500.3030896 MHz

F2 - Processing parameters
SI                 32768
SF           500.3000095 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```



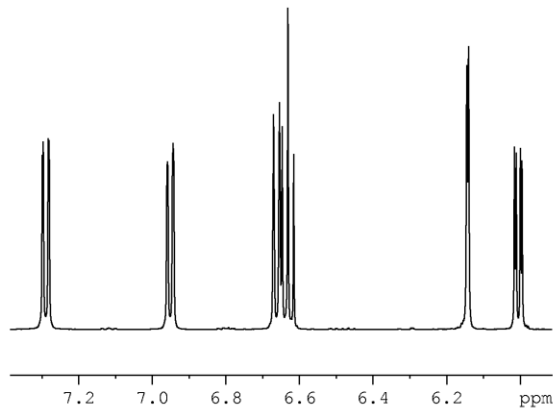
(3*R*)-*N*-[3-(6-Bromo-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-217]



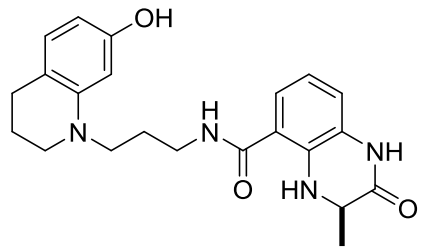
(3*R*)-*N*-[3-(7-hydroxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-218]



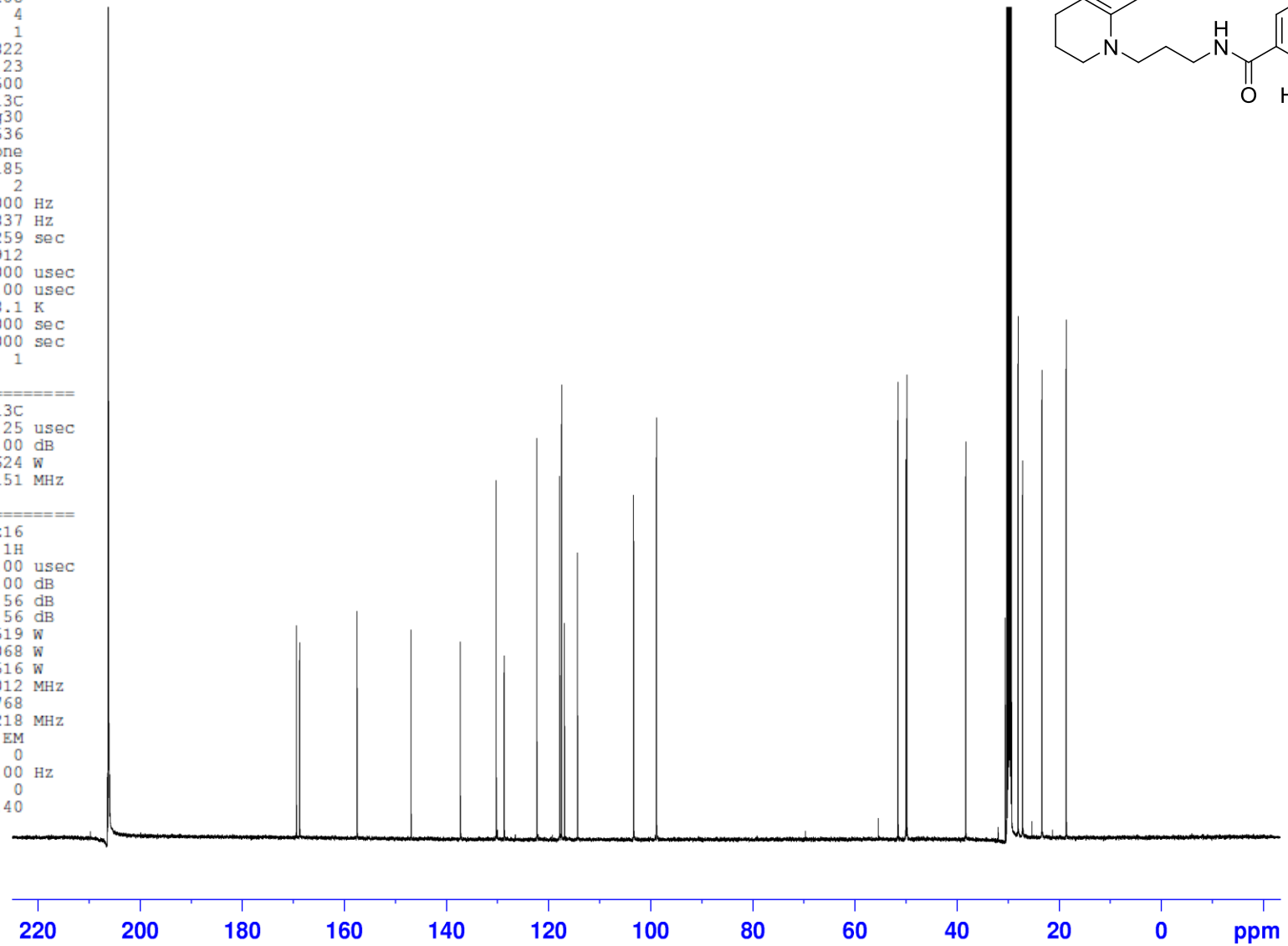

```
Current Data Parameters
NAME          tr50812208
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20130822
Time               10.52
INSTRUM          avc500
PROBHD    5 mm CPDUL 13C
PULPROG             zg30
TD                 65536
SOLVENT          Acetone
NS                    16
DS                     4
SWH            10330.578 Hz
FIDRES          0.157632 Hz
AQ             3.1719425 sec
RG                   2.8
DW                48.400 usec
DE                 6.00 usec
TE                298.0 K
D1            1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                  1H
P1                 10.60 usec
PL1                 6.00 dB
PL1W          0.95905519 W
SFO1         500.3030896 MHz

F2 - Processing parameters
SI                 32768
SF           500.3000095 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```



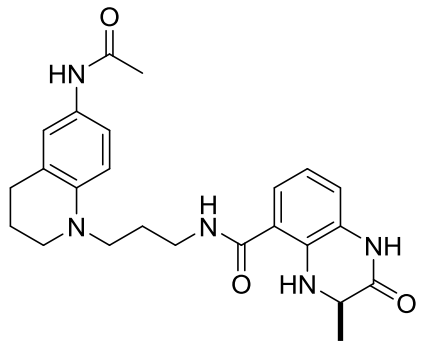
(3*R*)-*N*-[3-(7-hydroxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-218]



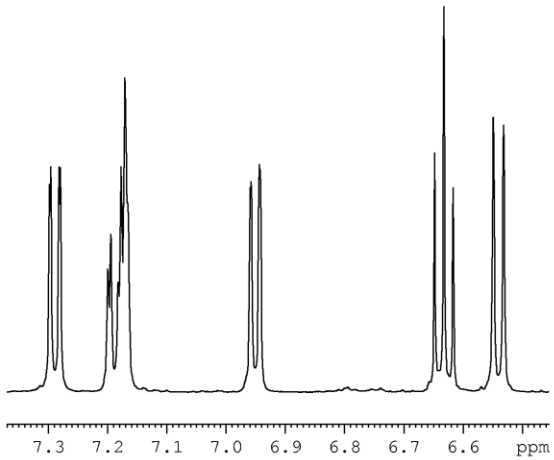
NAME	tr50812208
EXPNO	4
PROCNO	1
Date_	20130822
Time	11.23
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zgpg30
TD	65536
SOLVENT	Acetone
NS	185
DS	2
SWH	31250.000 Hz
FIDRES	0.476837 Hz
AQ	1.0486259 sec
RG	912
DW	16.000 usec
DE	20.00 usec
TE	298.1 K
D1	2.00000000 sec
D11	0.03000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	13C
P1	10.25 usec
PL1	8.00 dB
PL1W	1.62029624 W
SFO1	125.8131151 MHz
======== CHANNEL f2 ========	
CPDPRG2	waltz16
NUC2	1H
PCPD2	80.00 usec
PL2	6.00 dB
PL12	23.56 dB
PL13	29.56 dB
PL2W	0.95905519 W
PL12W	0.01682068 W
PL13W	0.00422516 W
SFO2	500.3020012 MHz
SI	32768
SF	125.8004218 MHz
WDW	EM
SSB	0
LB	1.00 Hz
GB	0
PC	1.40



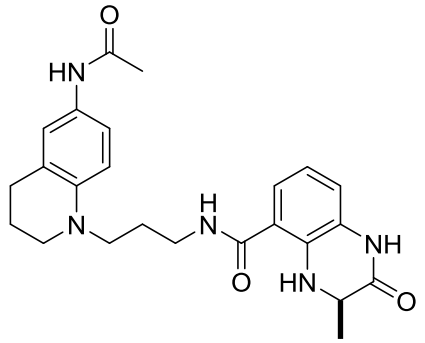
(3*R*)-*N*-[3-(6-acetamido-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-221]

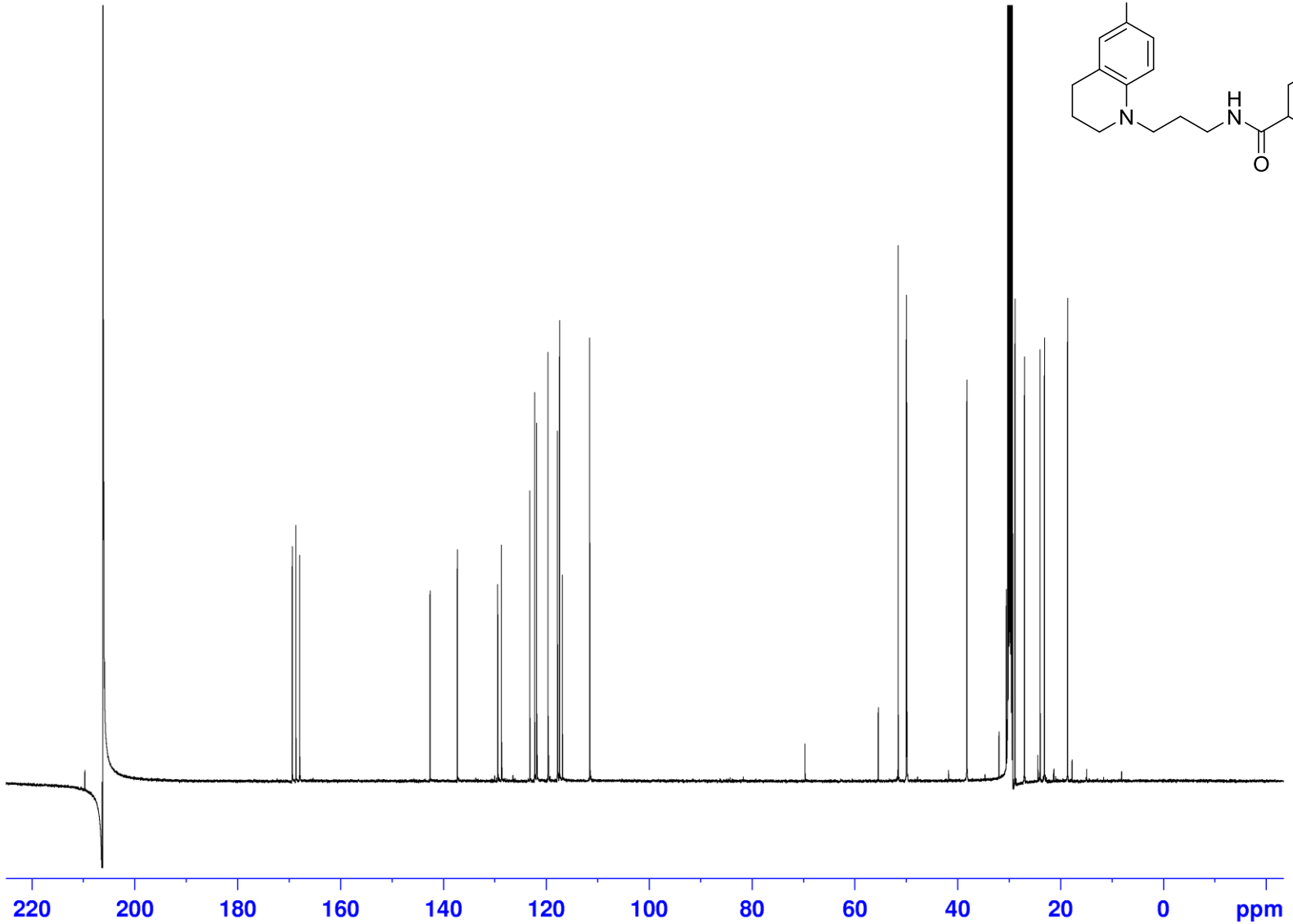



```
Current Data Parameters
NAME         tr50172108
EXPNO                 1
PROCNO                1

F2 - Acquisition Parameters
Date_          20130821
Time              11.15
INSTRUM           avc500
PROBHD   5 mm CPDUL 13C
PULPROG             zg30
TD                65536
SOLVENT         Acetone
NS                   16
DS                    4
SWH           10330.578 Hz
FIDRES         0.157632 Hz
AQ            3.1719425 sec
RG                  2.8
DW                48.400 usec
DE                 6.00 usec
TE                298.0 K
D1           1.00000000 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                 1H
P1                10.60 usec
PL1                6.00 dB
PL1W         0.95905519 W
SFO1        500.3030896 MHz

F2 - Processing parameters
SI                32768
SF          500.3000096 MHz
WDW                  EM
SSB       0
LB                0.30 Hz
GB        0
PC                1.00
```

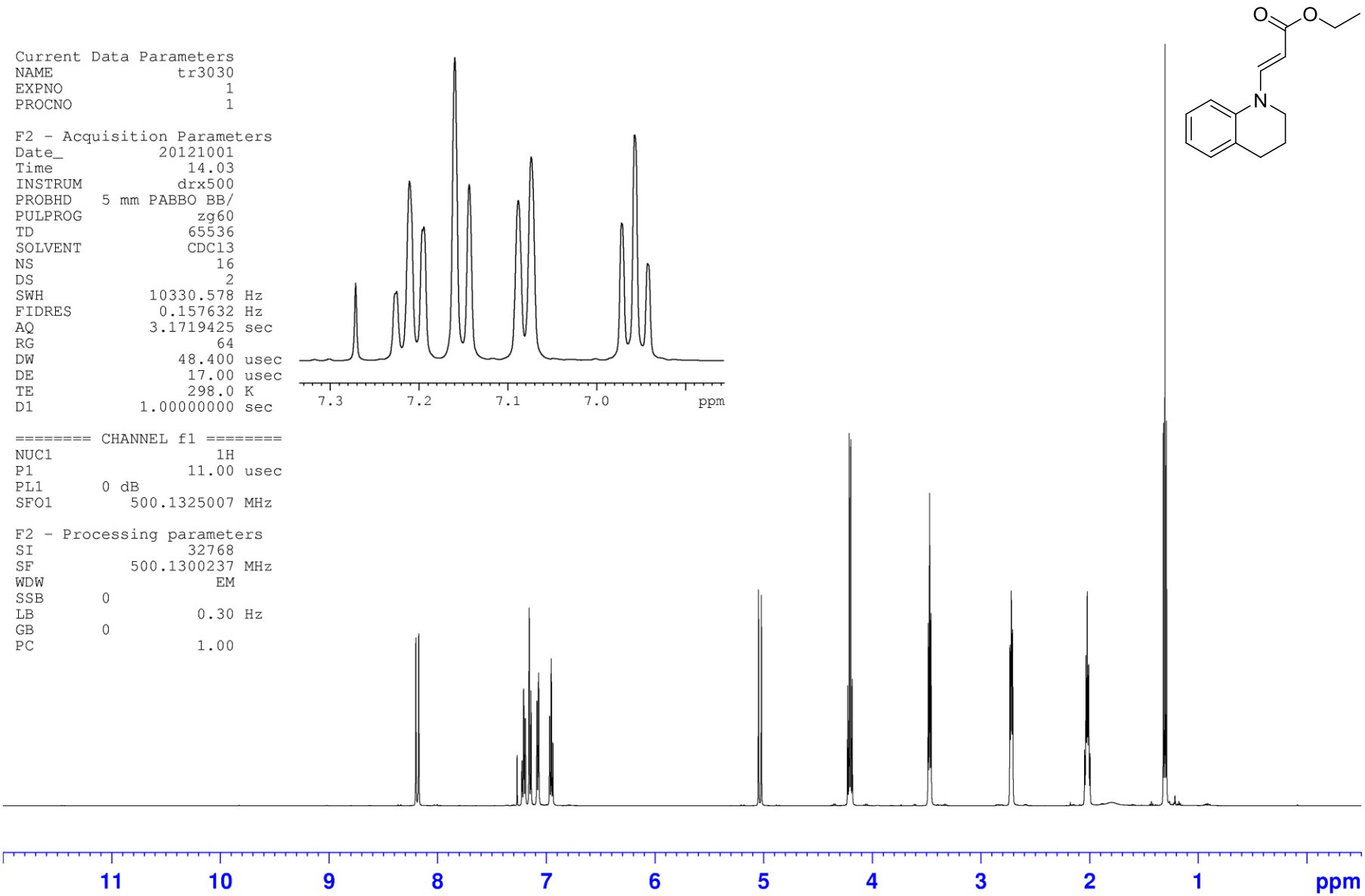


(3*R*)-*N*-[3-(6-acetamido-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-221]

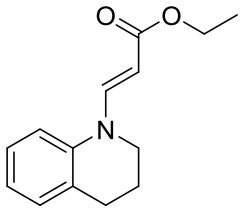




Ethyl (2*E*)-3-(3,4-dihydroquinolin-1(2*H*)-yl)prop-2-enoate (240)

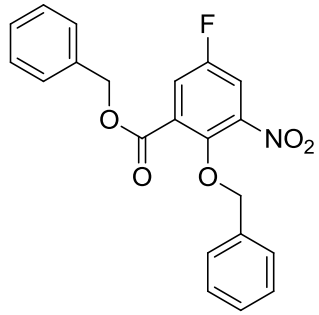


Ethyl (2*E*)-3-(3,4-dihydroquinolin-1(2*H*)-yl)prop-2-enoate (240)

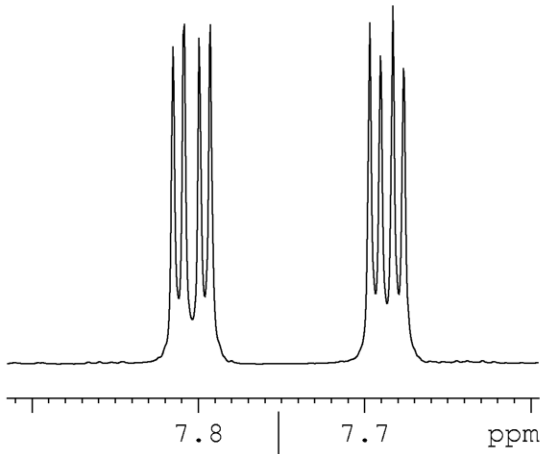


```
F2 - Acquisition Parameters
Data_           20121001
Time              16.32
INSTRUM          drx500
PROBHD   5 mm PABBO BB/
PULPROG          zgpg30
TD                65536
SOLVENT           CDCl3
NS                 1024
DS                    4
SWH           30303.031 Hz
FIDRES        0.462388 Hz
AQ            1.0814105 sec
RG               5160.6
DW                16.500 usec
DE                11.00 usec
TE                298.0 K
D1           2.00000000 sec
d11          0.03000000 sec
DELTA        1.89999998 sec
TD0                  1

======== CHANNEL f1 ========
NUC1                13C
P1                 6.80 usec
PL1                5.00 dB
SFO1        125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG2         waltz16
NUC2                1H
PCPD2            100.00 usec
PL2                0.00 dB
PL12              19.00 dB
PL13              23.00 dB
SFO2        500.1320005 MHz

F2 - Processing parameters
SI                32768
SF          125.7577390 MHz
WDW                EM
SSB                 0
LB                1.00 Hz
GB                  0
PC                1.40
```

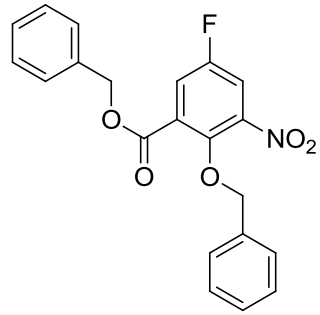
Benzyl 2-(benzyloxy)-5-fluoro-3-nitrobenzoate (272)



NAME	tr4003	
EXPNO	1	
PROCNO	1	
Date_	20121026	
Time	9.28	
INSTRUM	avc500	
PROBHD	5 mm CPTXI 1H-	
PULPROG	zg30	
TD	65536	
SOLVENT	CDCl3	
NS	16	
DS	2	
SWH	10330.578	Hz
FIDRES	0.157632	Hz
AQ	3.1719923	sec
RG	25.4	
DW	48.400	usec
DE	6.00	usec
TE	298.0	K
D1	1.00000000	sec
TD0	1	
======== CHANNEL f1 ========		
NUC1	1H	
P1	9.50	usec
PL1	0.00	dB
PL1W	3.81806731	W
SFO1	500.3030896	MHz
SI	32768	
SF	500.3000240	MHz
WDW	EM	
SSB	0	
LB	0.30	Hz
GB	0	
PC	1.00	

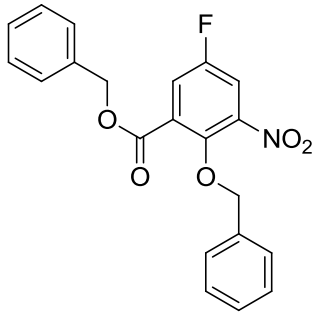


Benzyl 2-(benzyloxy)-5-fluoro-3-nitrobenzoate (272)

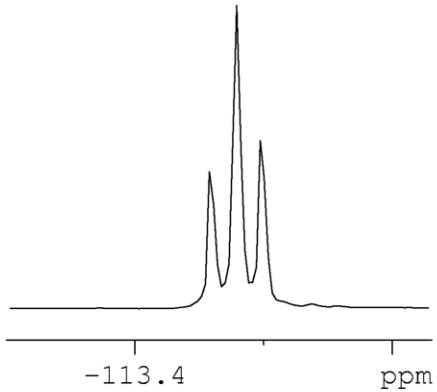



```
NAME              tr4003
EXPNO                  2
PROCNO                 1
Date_           20121026
Time               10.43
INSTRUM          avc500
PROBHD   5 mm CPTXI 1H-
PULPROG          zgpg30
TD                65536
SOLVENT           CDCl3
NS                 1024
DS                    2
SWH           31250.000 Hz
FIDRES         0.476837 Hz
AQ            1.0486259 sec
RG                  228
DW               16.000 usec
DE               20.00 usec
TE                298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                13C
P1               17.00 usec
PL1              -6.00 dB
PL1W        40.70000076 W
SFO1       125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2         waltz16
NUC2                1H
PCPD2            80.00 usec
PL2               0.00 dB
PL12             18.51 dB
PL13             24.50 dB
PL2W         3.81806731 W
PL12W        0.05380759 W
PL13W        0.01354701 W
SFO2       500.3020012 MHz
SI                32768
SF         125.8005438 MHz
WDW                EM
SSB                 0
LB               1.00 Hz
GB                  0
PC                1.40
```

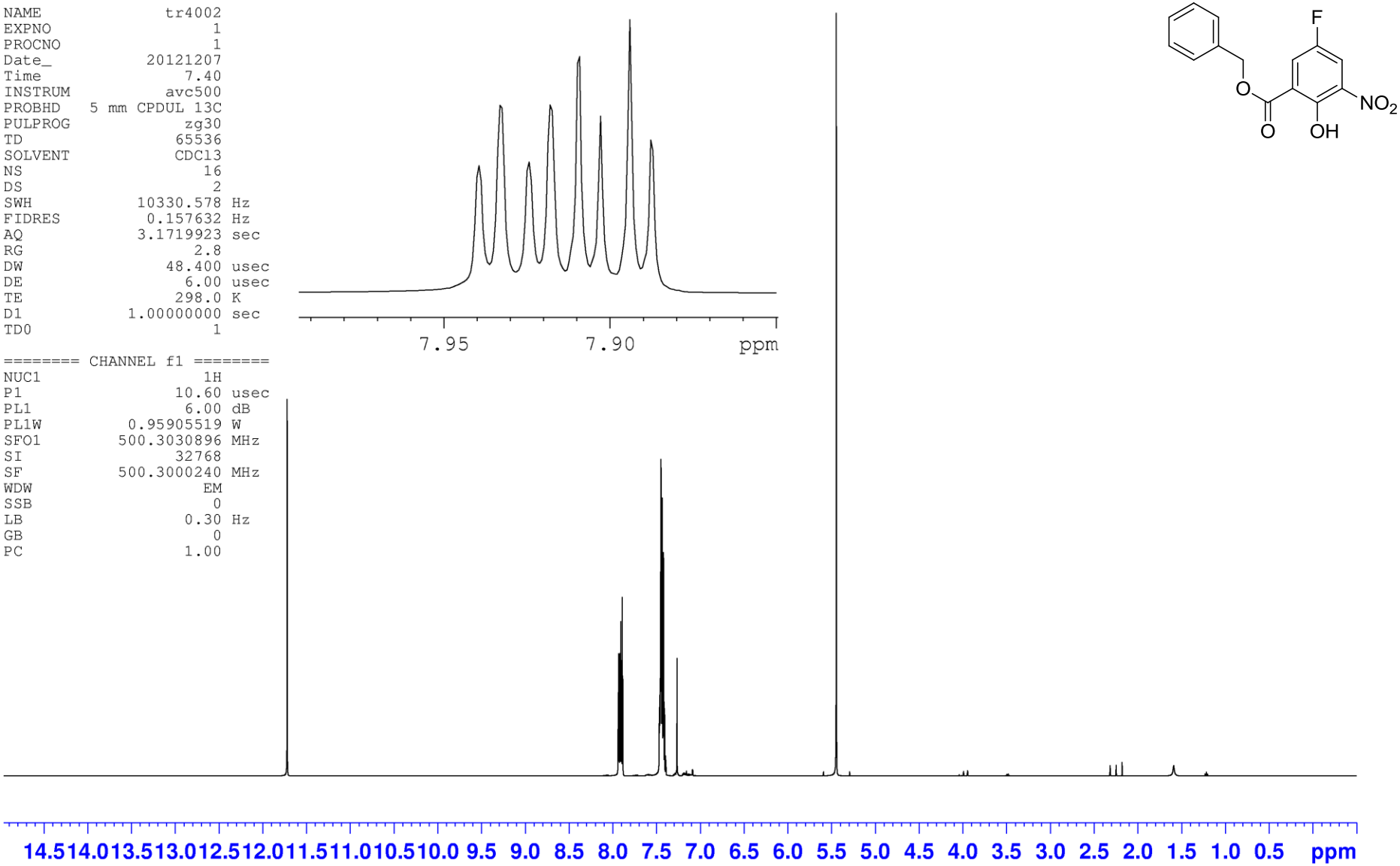
Benzyl 2-(benzyloxy)-5-fluoro-3-nitrobenzoate (272)



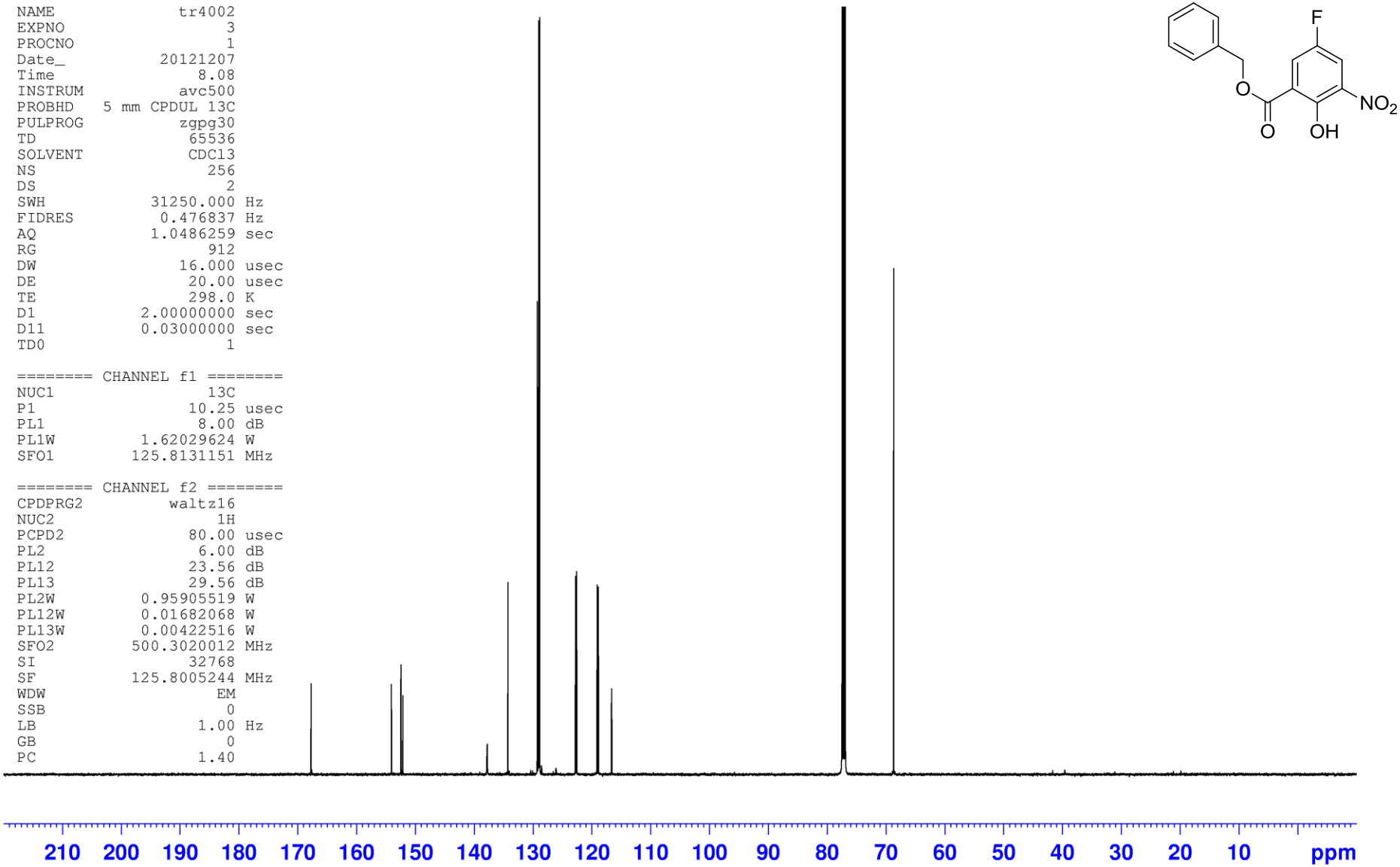
NAME	tr4003
EXPNO	3
PROCNO	1
Date_	20121030
Time	3.14
INSTRUM	avn400
PROBHD	5 mm PABBO BB/
PULPROG	zgflqn
TD	131072
SOLVENT	CDCl3
NS	256
DS	4
SWH	75000.000 Hz
FIDRES	0.572205 Hz
AQ	0.8738633 sec
RG	205.43
DW	6.667 usec
DE	6.50 usec
TE	293.3 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
SFO1	376.5547873 MHz
NUC1	19F
P1	13.50 usec
SI	65536
SF	376.6112790 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



Benzyl 5-fluoro-2-hydroxy-3-nitrobenzoate (273)

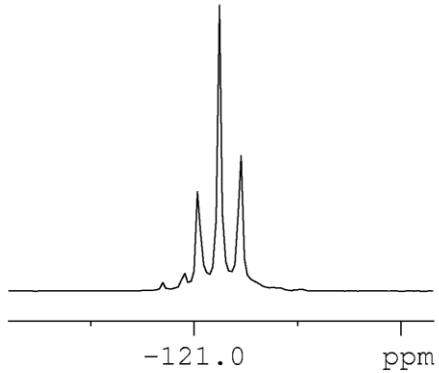


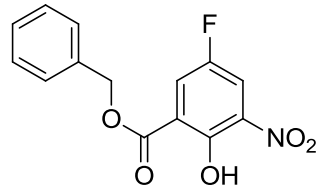
Benzyl 5-fluoro-2-hydroxy-3-nitrobenzoate (273)



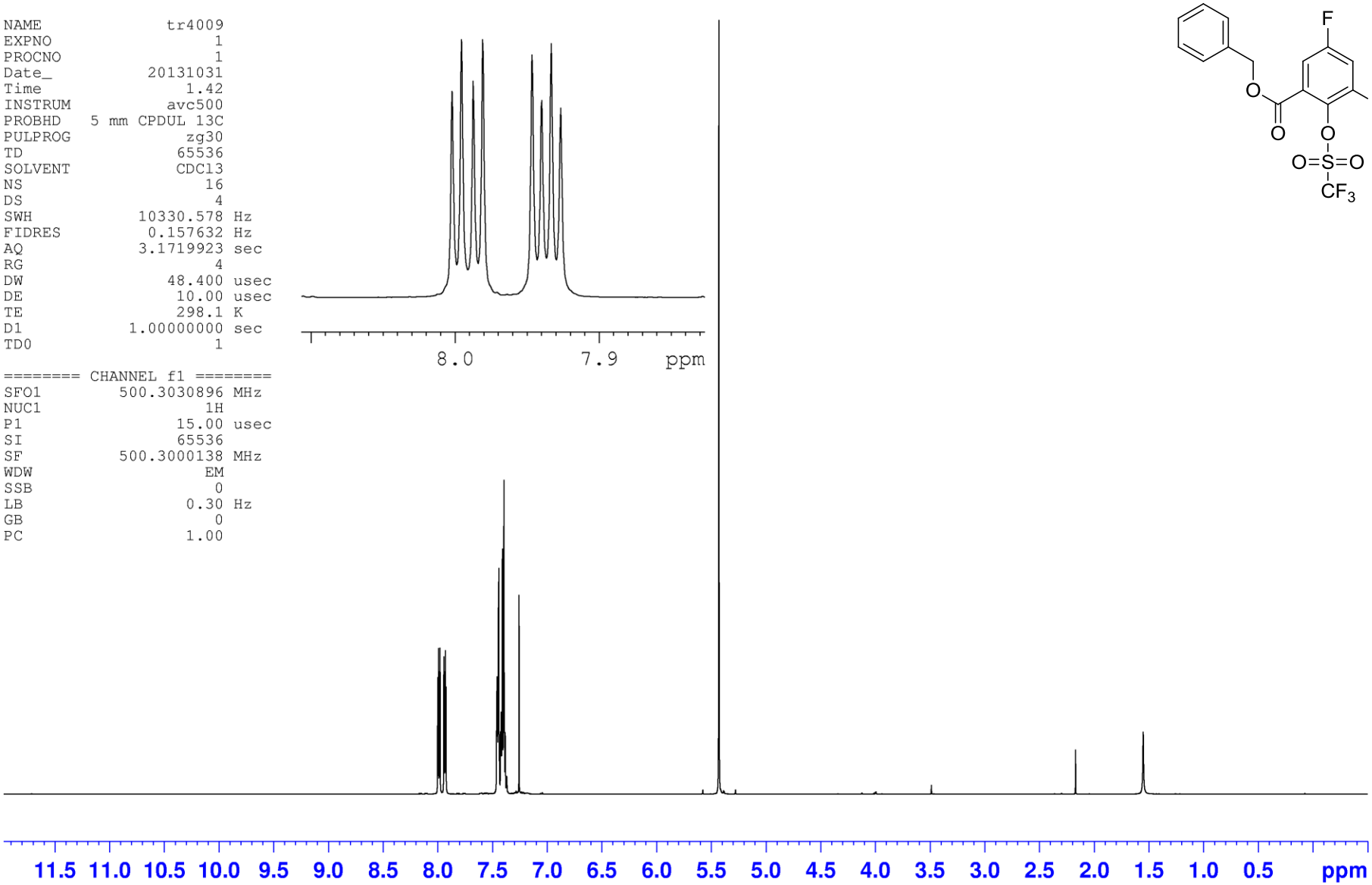
Benzyl 5-fluoro-2-hydroxy-3-nitrobenzoate (273)

```
NAME              tr4002
EXPNO                  6
PROCNO                 1
Date_           20121204
Time               13.14
INSTRUM          avn400
PROBHD   5 mm PABBO BB/
PULPROG          zgflqn
TD               131072
SOLVENT            CDCl3
NS                    16
DS                     4
SWH            75000.000 Hz
FIDRES             0.572205 Hz
AQ              0.8738633 sec
RG                205.43
DW                 6.667 usec
DE                 6.50 usec
TE                 294.2 K
D1            1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         376.5547873 MHz
NUC1                19F
P1                13.50 usec
SI                65536
SF           376.6112790 MHz
WDW                  EM
SSB                   0
LB                 0.30 Hz
GB                    0
PC                 1.00
```

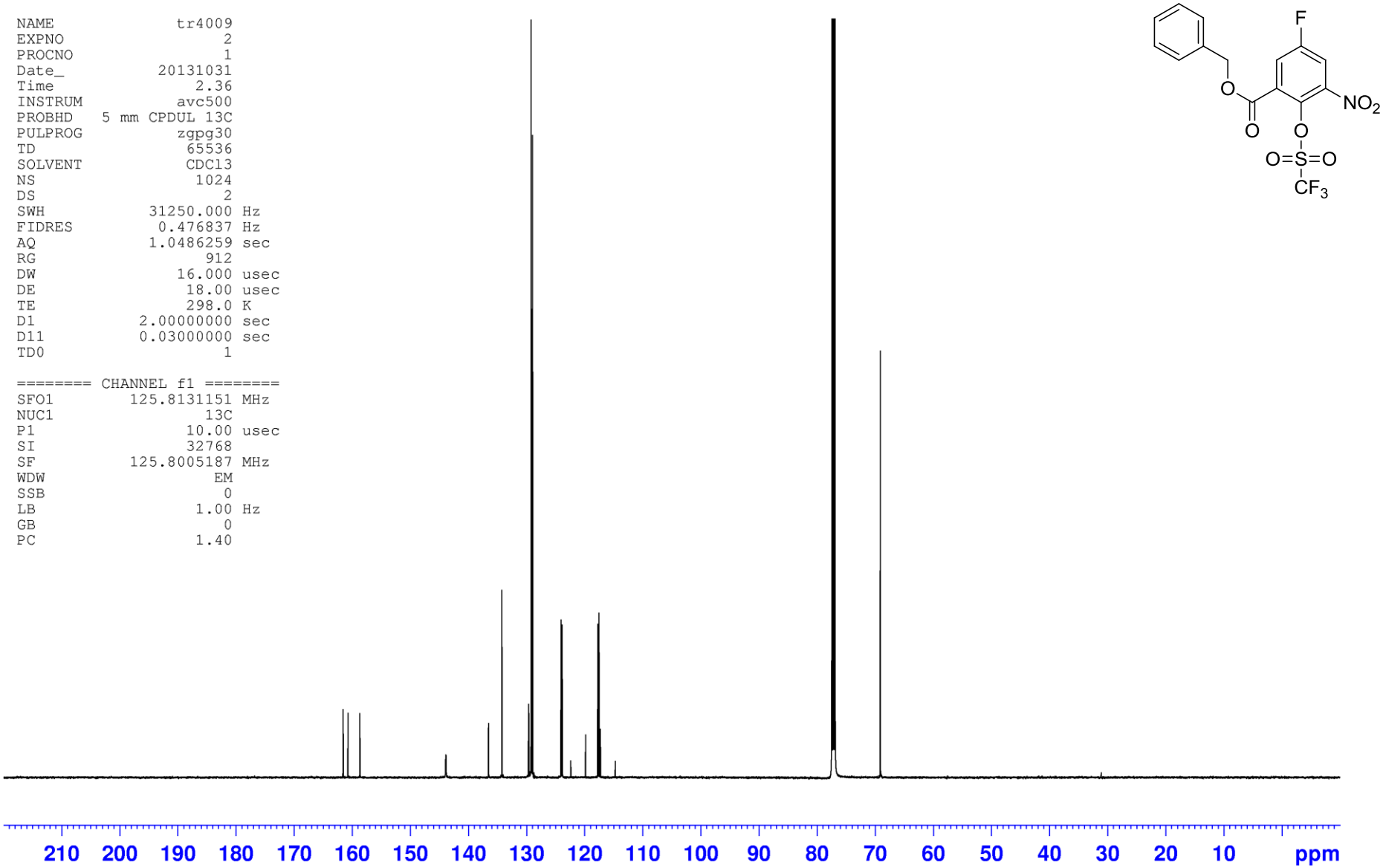




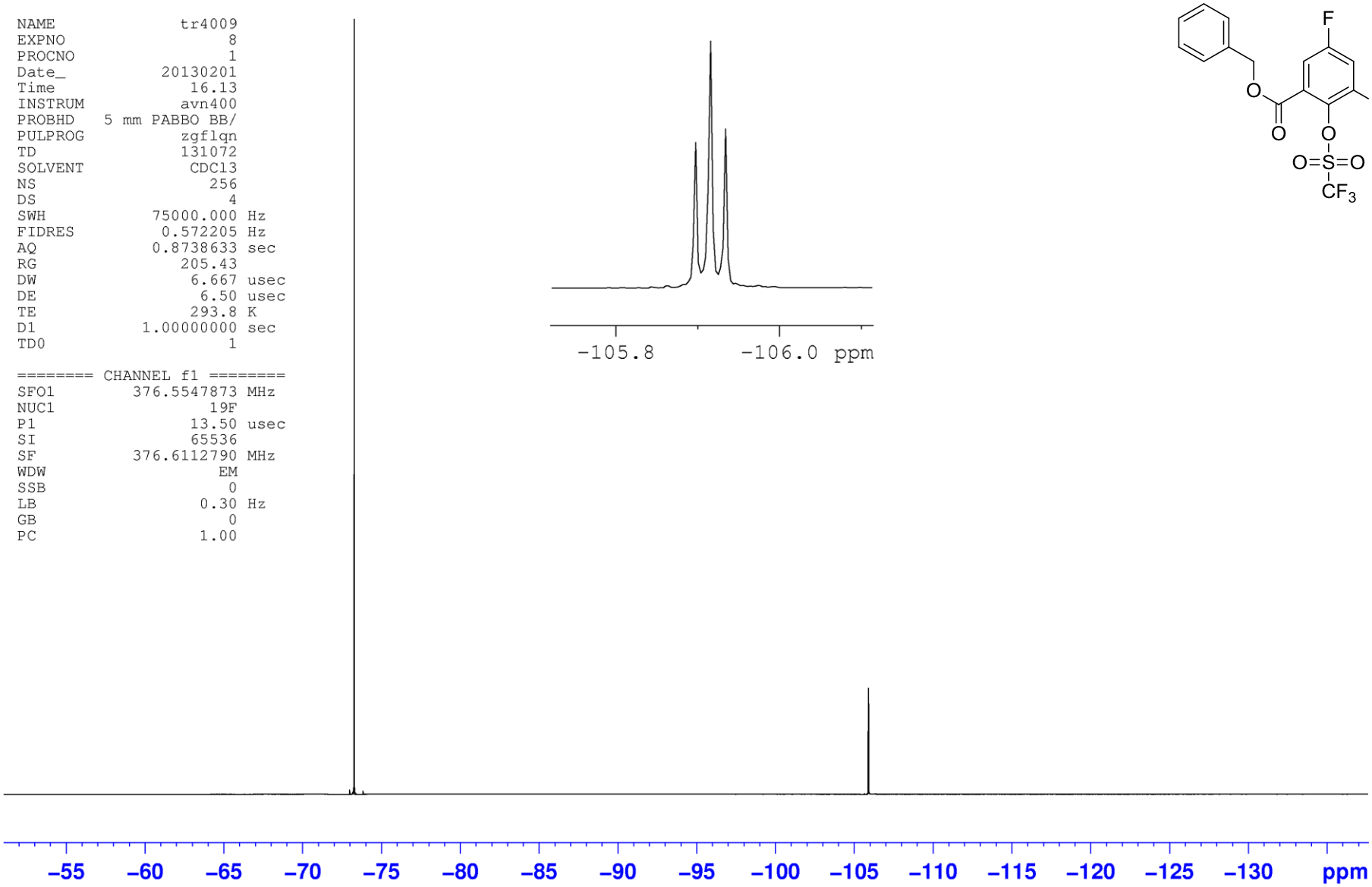
Benzyl 5-fluoro-3-nitro-2-{[(trifluoromethyl)sulfonyl]oxy}benzoate (274)



Benzyl 5-fluoro-3-nitro-2-{[(trifluoromethyl)sulfonyl]oxy}benzoate (274)

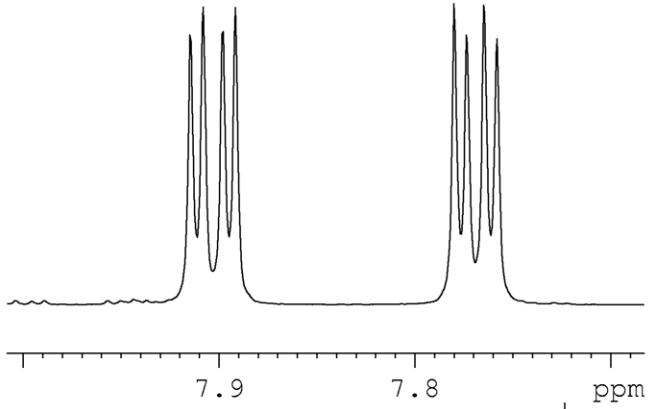


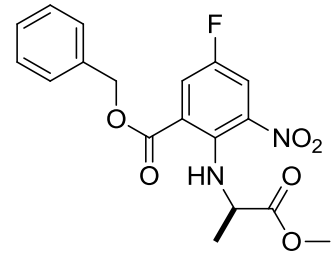
Benzyl 5-fluoro-3-nitro-2-{[(trifluoromethyl)sulfonyl]oxy}benzoate (274)



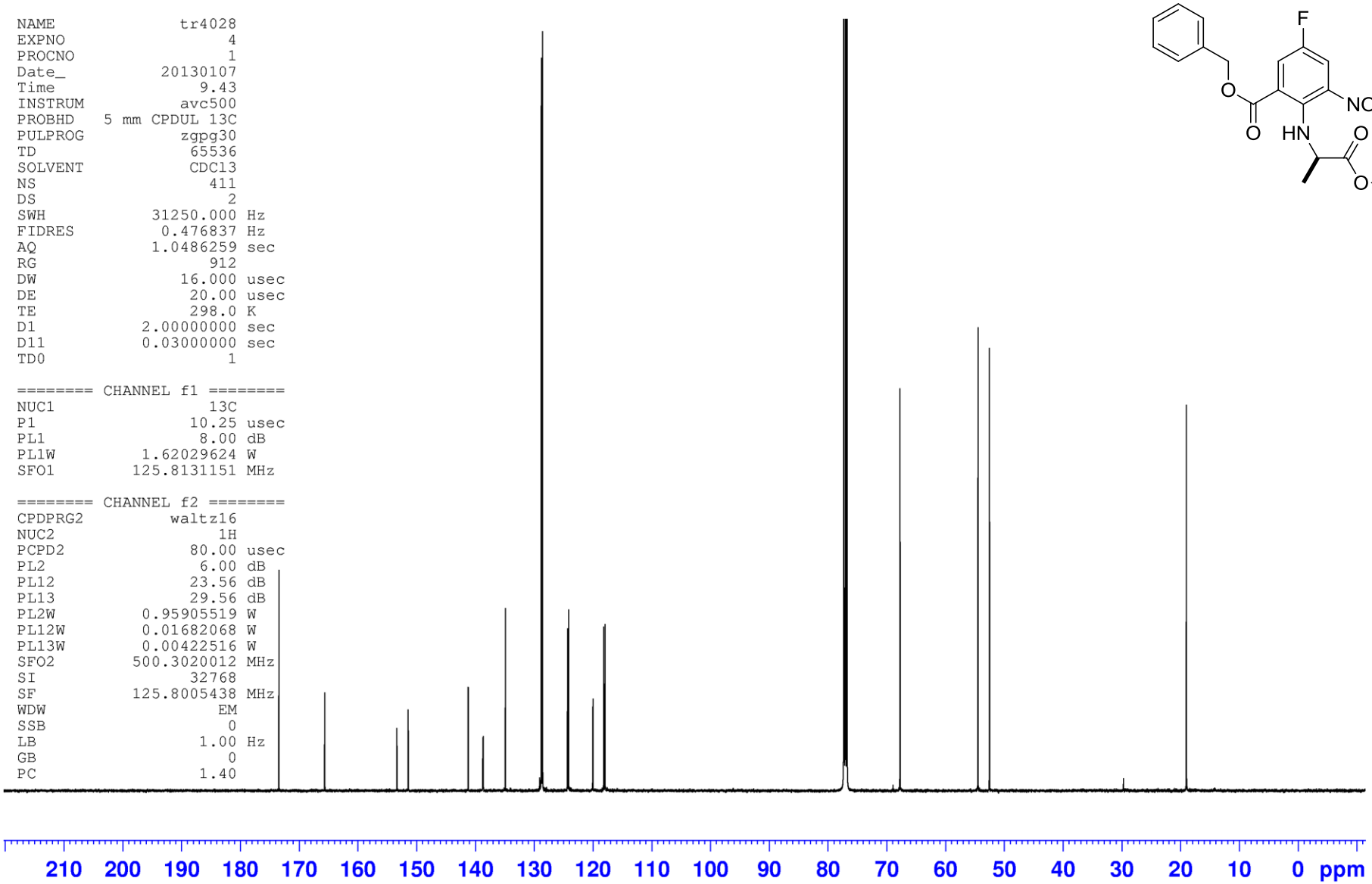
Benzyl 5-fluoro-2-{[(2*R*)-1-methoxy-1-oxopropan-2-yl]amino}-3-nitrobenzoate [(*R*)-275]

NAME	tr4028
EXPNO	1
PROCNO	1
Date_	20130107
Time	9.17
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zg30
TD	65536
SOLVENT	CDCl3
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.157632 Hz
AQ	3.1719923 sec
RG	1.78
DW	48.400 usec
DE	6.00 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	1H
P1	10.60 usec
PL1	6.00 dB
PL1W	0.95905519 W
SFO1	500.3030896 MHz
SI	32768
SF	500.3000231 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



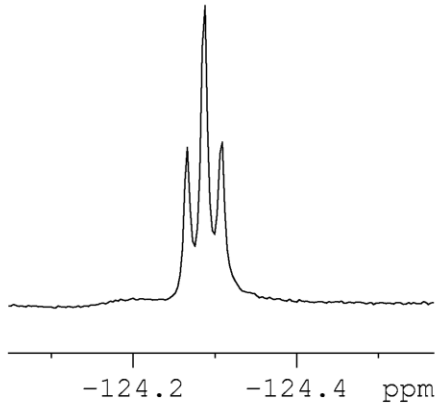


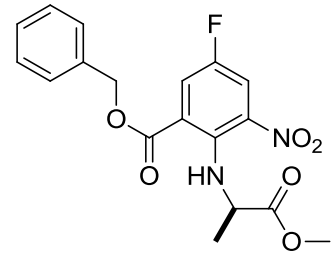
Benzyl 5-fluoro-2-{[(2*R*)-1-methoxy-1-oxopropan-2-yl]amino}-3-nitrobenzoate [(*R*)-275]

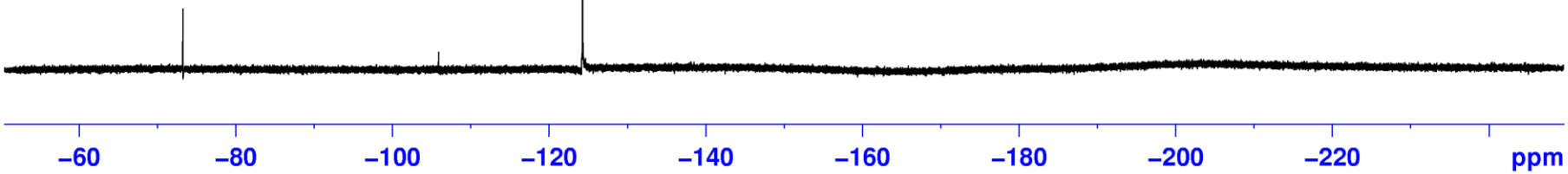


Benzyl 5-fluoro-2-{[(2*R*)-1-methoxy-1-oxopropan-2-yl]amino}-3-nitrobenzoate [(*R*)-275]

```
NAME              tr4028
EXPNO                  6
PROCNO                 1
Date_           20130104
Time               11.02
INSTRUM          avn400
PROBHD   5 mm PABBO BB/
PULPROG          zgflqn
TD               131072
SOLVENT            CDCl3
NS                   256
DS                     4
SWH           75000.000 Hz
FIDRES         0.572205 Hz
AQ            0.8738633 sec
RG               205.43
DW                6.667 usec
DE                6.50 usec
TE                295.5 K
D1           1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1        376.5547873 MHz
NUC1                19F
P1                13.50 usec
SI                65536
SF          376.6112790 MHz
WDW                  EM
SSB                   0
LB                 0.30 Hz
GB                    0
PC                 1.00
```

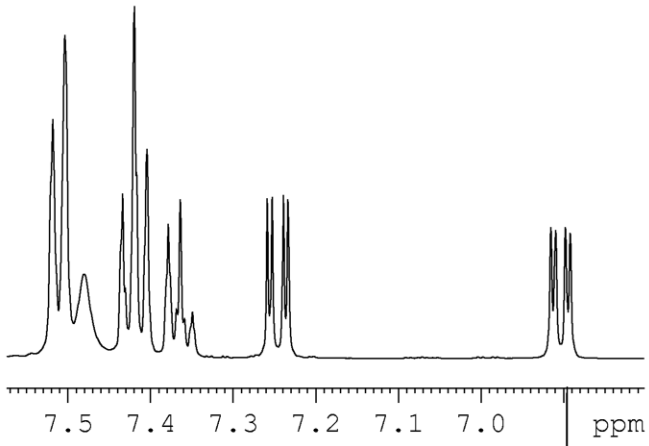


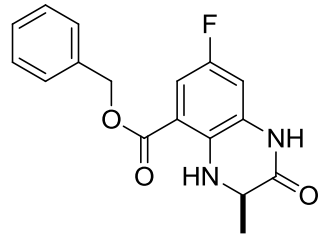




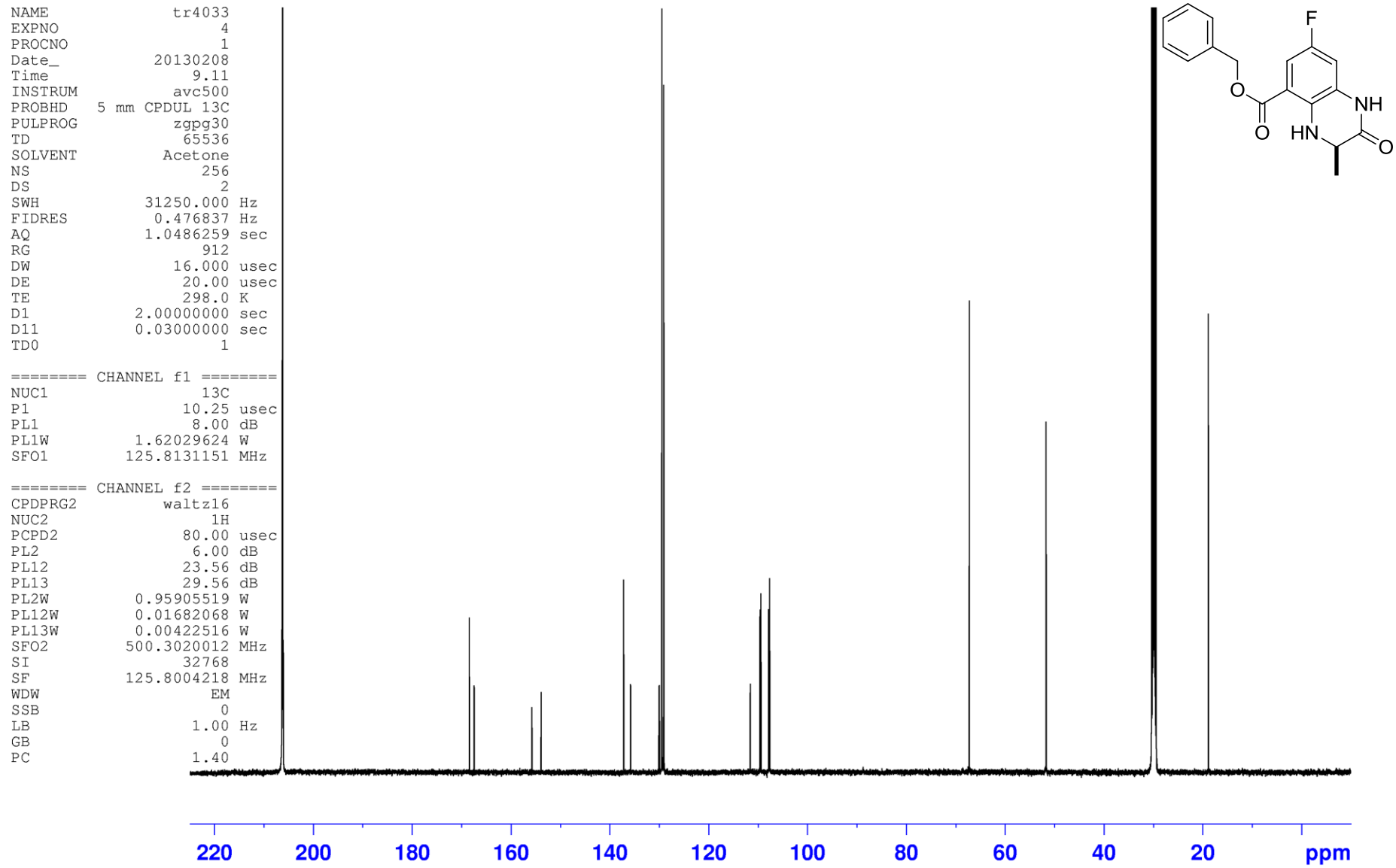
Benzyl (3*R*)-7-fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate [(*R*)-276]

NAME	tr4033
EXPNO	1
PROCNO	1
Date_	20130208
Time	8.41
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zg30
TD	65536
SOLVENT	Acetone
NS	16
DS	4
SWH	10330.578 Hz
FIDRES	0.157632 Hz
AQ	3.1719923 sec
RG	2.8
DW	48.400 usec
DE	6.00 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	1H
P1	10.60 usec
PL1	6.00 dB
PL1W	0.95905519 W
SFO1	500.3030896 MHz
SI	32768
SF	500.3000096 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



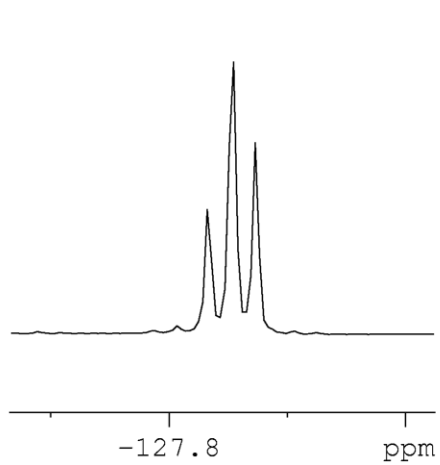


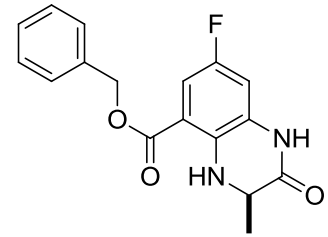
Benzyl (3*R*)-7-fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate [(*R*)-276]



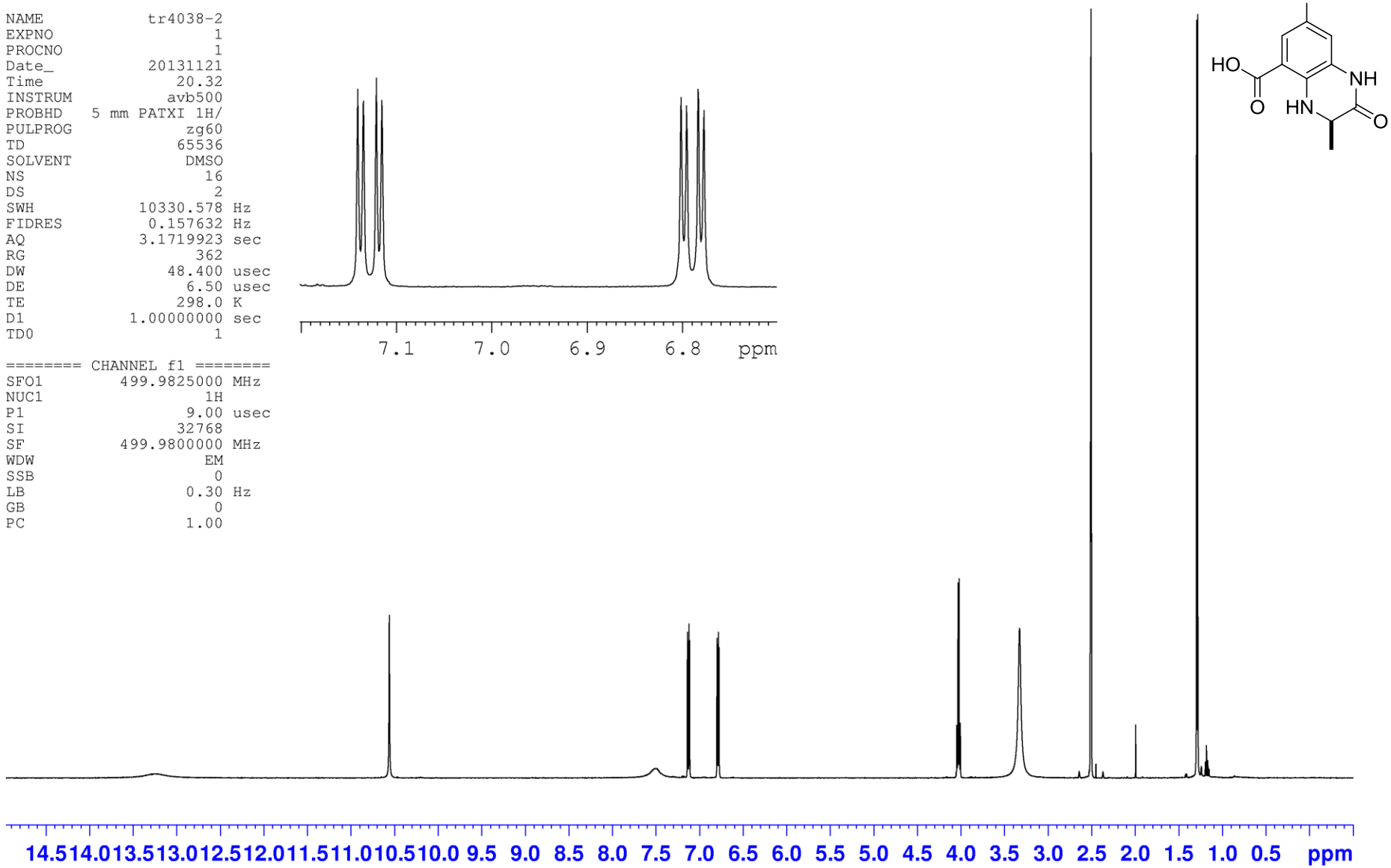
Benzyl (3*R*)-7-fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate [(*R*)-275]

```
NAME              tr4033
EXPNO                  6
PROCNO                 1
Date_           20130208
Time               10.12
INSTRUM          avb500
PROBHD   5 mm PATXI 1H/
PULPROG          zgflqn
TD               131072
SOLVENT         Acetone
NS                    16
DS                     4
SWH           113636.367 Hz
FIDRES          0.866977 Hz
AQ             0.5767668 sec
RG                  2050
DW                 4.400 usec
DE                 6.50 usec
TE                298.0 K
D1           1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
NUC1                 19F
P1                10.00 usec
PL1                0.90 dB
SFO1        470.4041911 MHz
SI                 65536
SF          470.4512552 MHz
WDW                   EM
SSB                    0
LB                 0.30 Hz
GB                     0
PC                 1.00
```

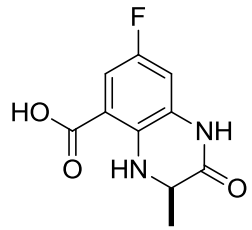




(3*R*)-7-Fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylic acid [(*R*)-277]

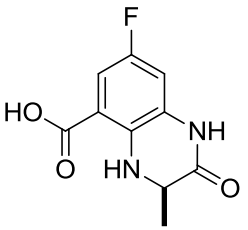


(3*R*)-7-Fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylic acid [(*R*)-277]

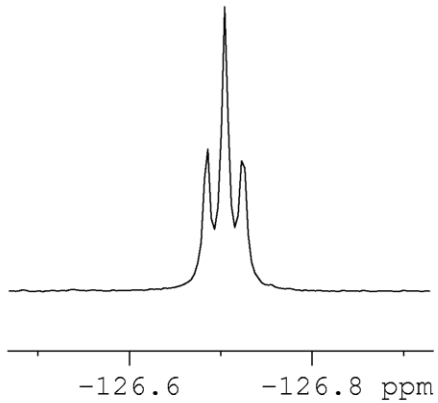



```
NAME                tr4038
EXPNO                    2
PROCNO                   1
Date_             20131021
Time                 0.20
INSTRUM              drx500
PROBHD    5 mm PABBO BB/
PULPROG              zgpg30
TD                    65536
SOLVENT                DMSO
NS                     3072
DS                        4
SWH              30303.031 Hz
FIDRES            0.462388 Hz
AQ               1.0814105 sec
RG                  5160.6
DW                  16.500 usec
DE                  11.00 usec
TE                  298.7 K
D1              2.00000000 sec
d11             0.03000000 sec
DELTA           1.89999998 sec
TD0                       1

======== CHANNEL f1 ========
NUC1                   13C
P1                    6.80 usec
PL1                   5.00 dB
SFO1          125.7703148 MHz

======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                   1H
PCPD2               100.00 usec
PL2                   0.00 dB
PL12                 19.00 dB
PL13                 23.00 dB
SFO2          500.1320005 MHz
SI                   32768
SF            125.7578458 MHz
WDW                     EM
SSB                      0
LB                    1.00 Hz
GB                       0
PC                    1.40
```

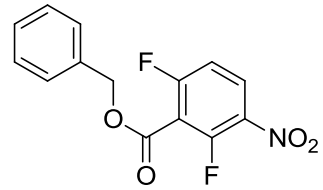
(3*R*)-7-Fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylic acid [(*R*)-277]



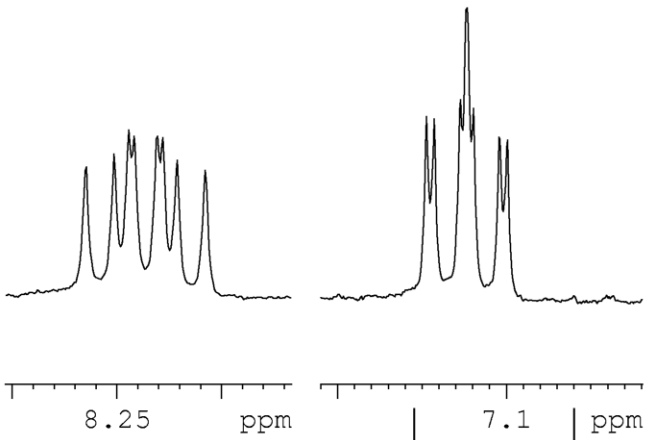
NAME	tr4038-2
EXPNO	2
PROCNO	1
Date_	20131121
Time	20.37
INSTRUM	avb500
PROBHD	5 mm PATXI 1H/
PULPROG	zgflqn
TD	131072
SOLVENT	DMSO
NS	128
DS	4
SWH	113636.367 Hz
FIDRES	0.866977 Hz
AQ	0.5767668 sec
RG	2050
DW	4.400 usec
DE	6.50 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
SFO1	470.4041911 MHz
NUC1	19F
P1	10.00 usec
SI	65536
SF	470.4512360 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

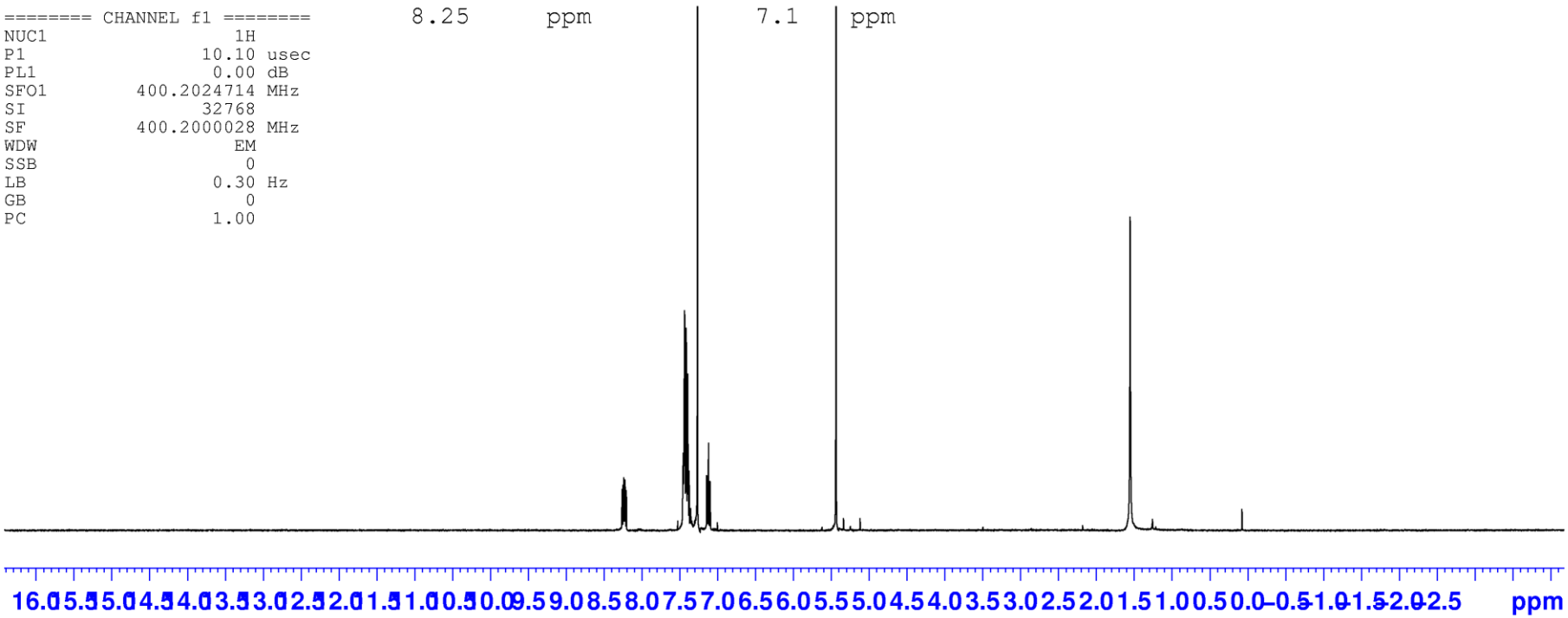


Benzyl 2,6-difluoro-3-nitrobenzoate (279)

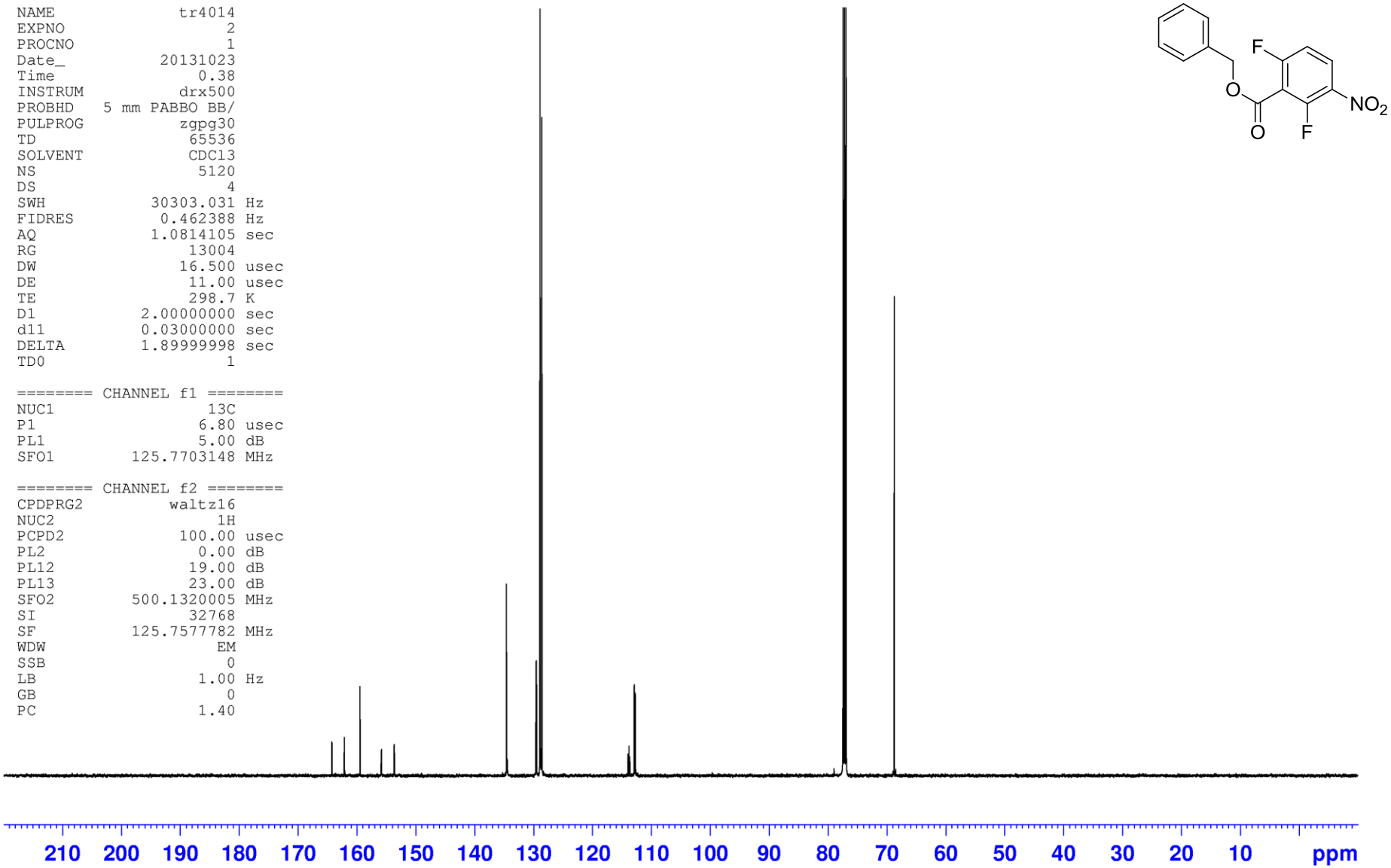



```
NAME                tr4014
EXPNO                    1
PROCNO                   1
Date_             20121122
Time                 18.01
INSTRUM              av400
PROBHD   5 mm QNP 1H/13
PULPROG               zg60
TD                   65536
SOLVENT              CDCl3
NS                      16
DS                       2
SWH               8278.146 Hz
FIDRES            0.126314 Hz
AQ                3.9584243 sec
RG                    645.1
DW                   60.400 usec
DE                    7.50 usec
TE                   300.0 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                    1H
P1                   10.10 usec
PL1                   0.00 dB
SFO1          400.2024714 MHz
SI                   32768
SF            400.2000028 MHz
WDW                     EM
SSB                      0
LB                    0.30 Hz
GB                       0
PC                    1.00
```



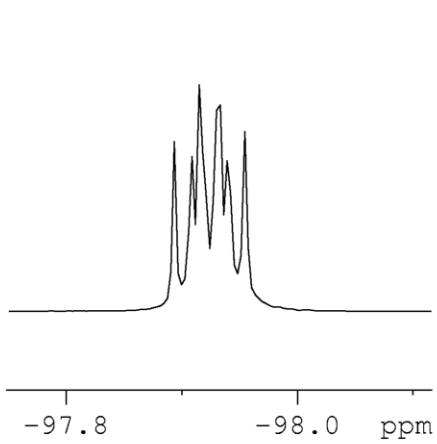


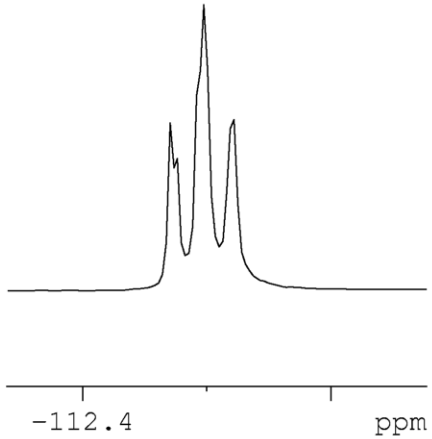
Benzyl 2,6-difluoro-3-nitrobenzoate (279)

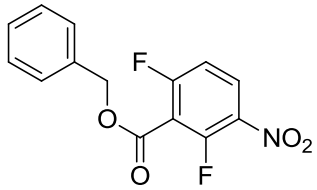


Benzyl 2,6-difluoro-3-nitrobenzoate (279)

NAME	tr4014
EXPNO	3
PROCNO	1
Date_	20121118
Time	22.41
INSTRUM	avn400
PROBHD	5 mm PABBO BB/
PULPROG	zgflqn
TD	131072
SOLVENT	CDCl3
NS	256
DS	4
SWH	75000.000 Hz
FIDRES	0.572205 Hz
AQ	0.8738633 sec
RG	205.43
DW	6.667 usec
DE	6.50 usec
TE	293.8 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
SFO1	376.5547873 MHz
NUC1	19F
P1	13.50 usec
SI	65536
SF	376.6112790 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00

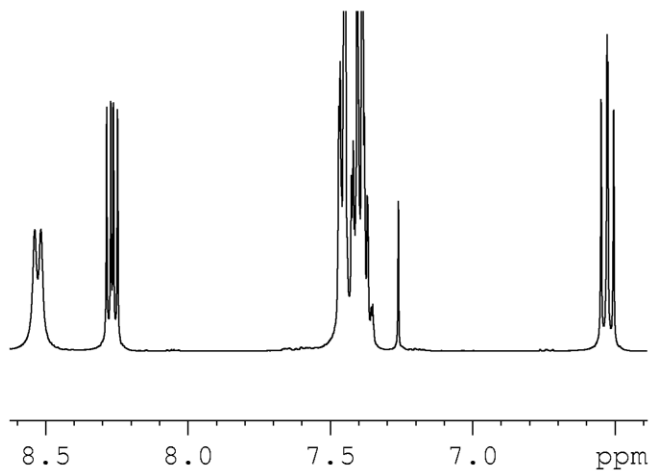


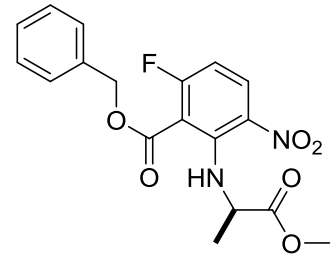




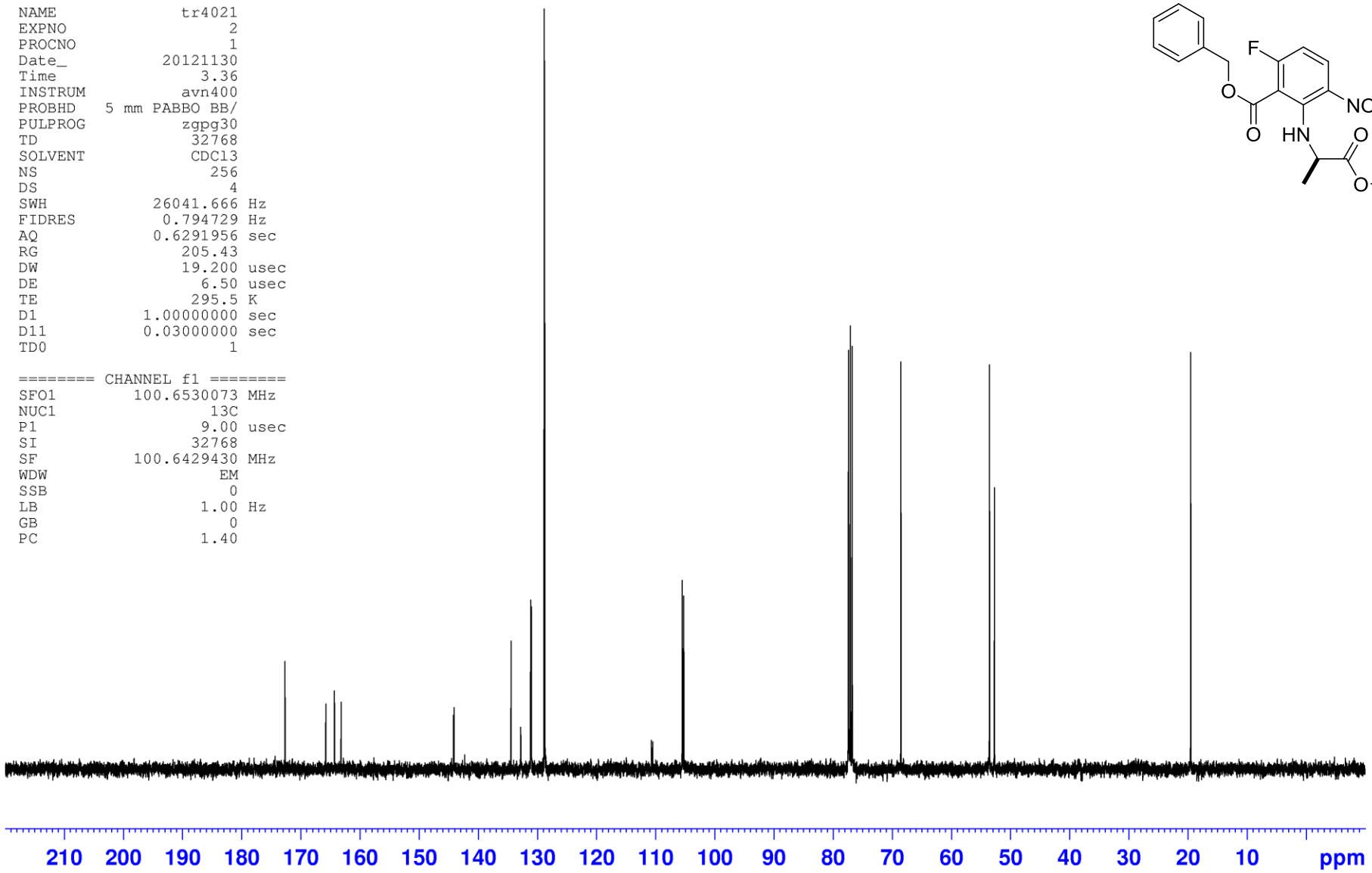
Benzyl 6-fluoro-2-{[(2*R*)-1-methoxy-1-oxopropan-2-yl]amino}-3-nitrobenzoate [(*R*)-280]

NAME	tr4021
EXPNO	1
PROCNO	1
Date_	20121130
Time	3.28
INSTRUM	avn400
PROBHD	5 mm PABBO BB/
PULPROG	zg60
TD	65536
SOLVENT	CDCl3
NS	16
DS	2
SWH	8012.820 Hz
FIDRES	0.122266 Hz
AQ	4.0894966 sec
RG	52.03
DW	62.400 usec
DE	6.50 usec
TE	294.4 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
SFO1	400.2524015 MHz
NUC1	1H
P1	12.65 usec
SI	32768
SF	400.2500113 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



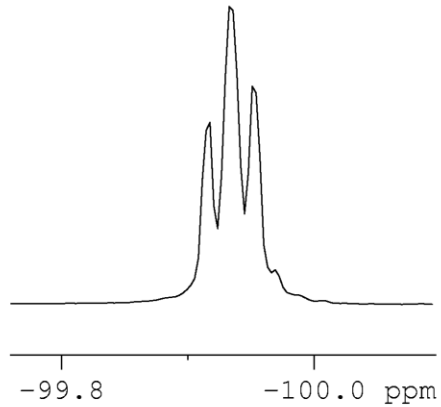


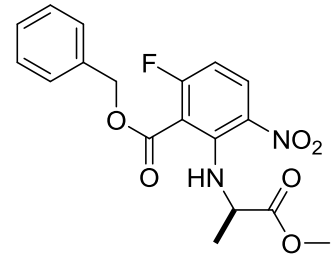
Benzyl 6-fluoro-2-{[(2*R*)-1-methoxy-1-oxopropan-2-yl]amino}-3-nitrobenzoate [(*R*)-280]



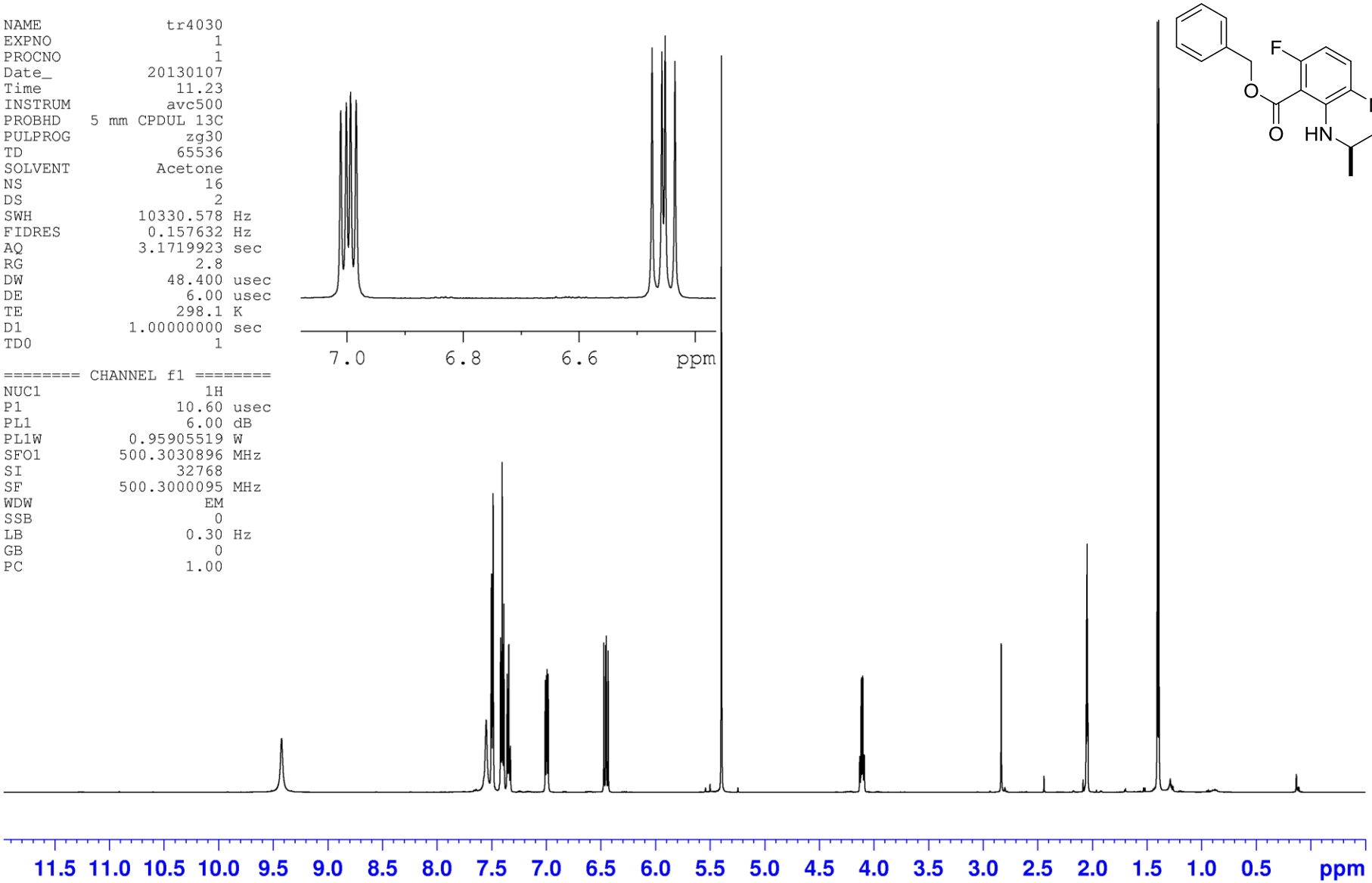
Benzyl 6-fluoro-2-{[(2*R*)-1-methoxy-1-oxopropan-2-yl]amino}-3-nitrobenzoate [(*R*)-280]

```
NAME              tr4021
EXPNO                  7
PROCNO                 1
Date_           20121130
Time                4.07
INSTRUM          avn400
PROBHD   5 mm PABBO BB/
PULPROG          zgflqn
TD               131072
SOLVENT            CDCl3
NS                    16
DS                     4
SWH            75000.000 Hz
FIDRES             0.572205 Hz
AQ              0.8738633 sec
RG                205.43
DW                 6.667 usec
DE                 6.50 usec
TE                294.6 K
D1           1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         376.5547873 MHz
NUC1                19F
P1                13.50 usec
SI                65536
SF           376.6112790 MHz
WDW                   EM
SSB                    0
LB                 0.30 Hz
GB                     0
PC                 1.00
```

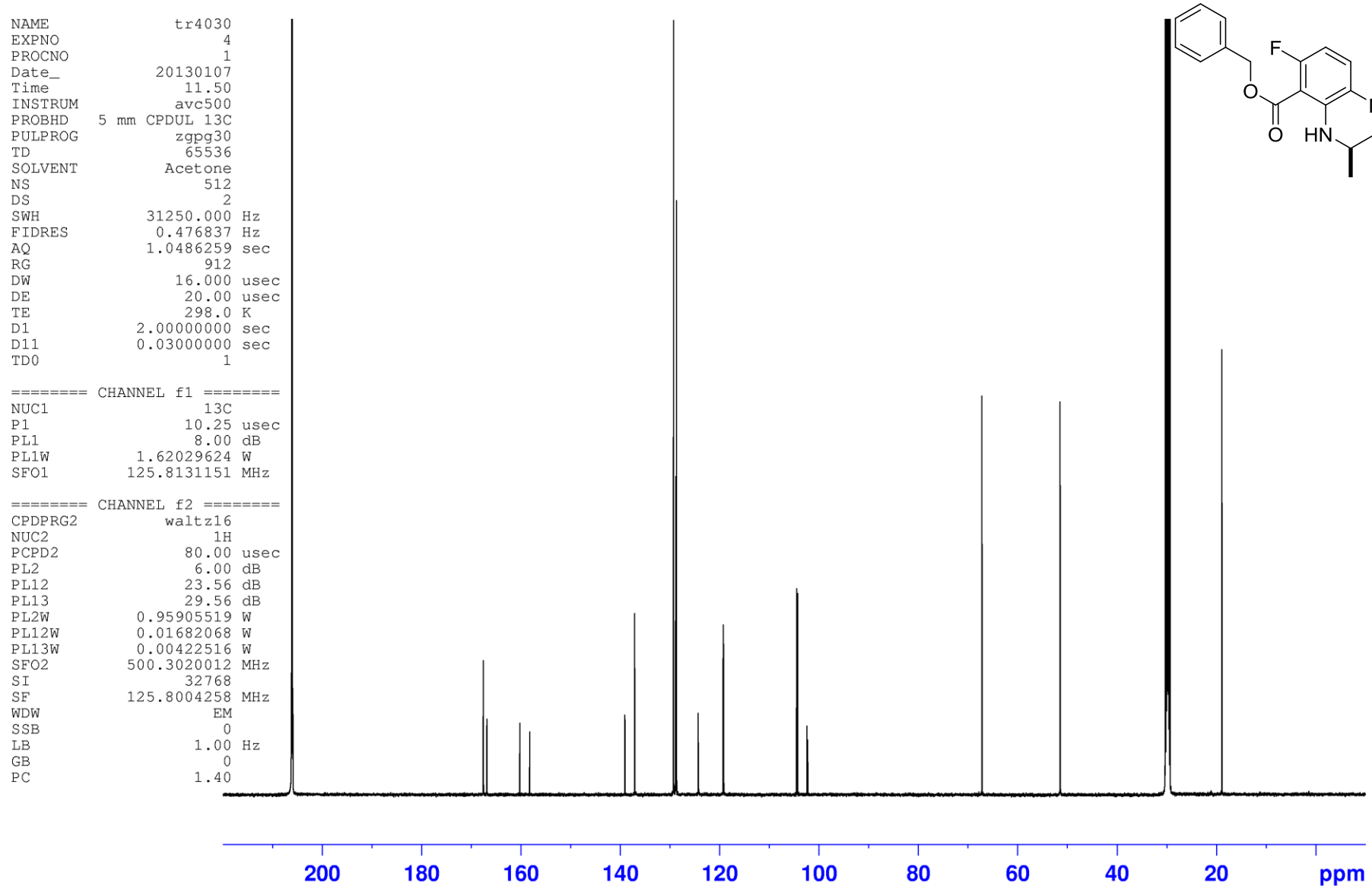




Benzyl (3*R*)-6-fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate [(*R*)-281]

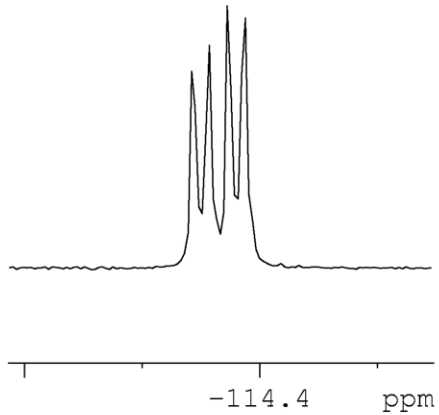


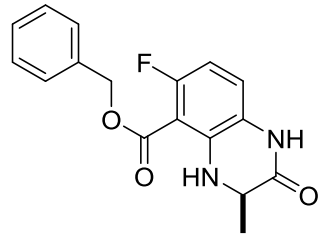
Benzyl (3*R*)-6-fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate [(*R*)-281]

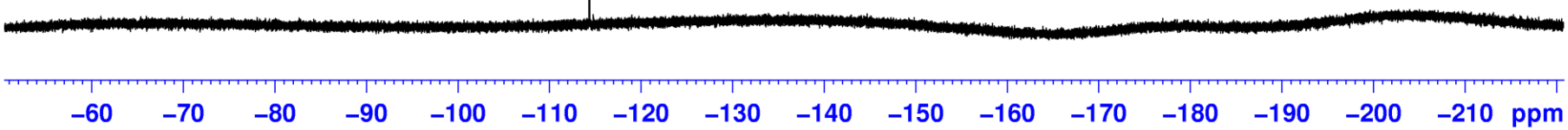


Benzyl (3*R*)-6-fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate [(*R*)-281]

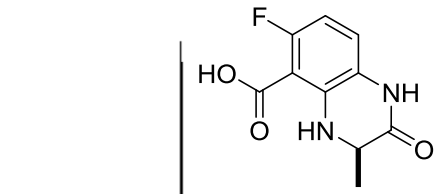
```
NAME              tr4030
EXPNO                  6
PROCNO                 1
Date_           20130104
Time               11.18
INSTRUM          avn400
PROBHD   5 mm PABBO BB/
PULPROG          zgflqn
TD               131072
SOLVENT         Acetone
NS                    16
DS                     4
SWH            75000.000 Hz
FIDRES             0.572205 Hz
AQ              0.8738633 sec
RG                205.43
DW                 6.667 usec
DE                 6.50 usec
TE                295.5 K
D1            1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         376.5547873 MHz
NUC1                 19F
P1                13.50 usec
SI                65536
SF           376.6112790 MHz
WDW                  EM
SSB                   0
LB                 0.30 Hz
GB                    0
PC                 1.00
```



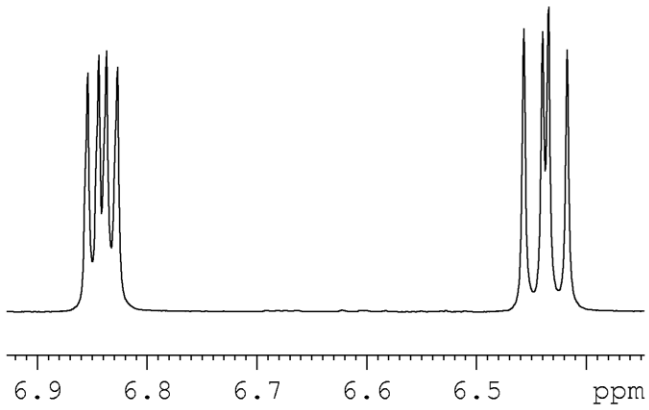




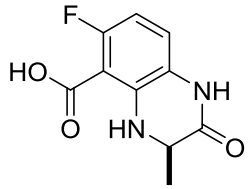
(3*R*)-6-Fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylic acid [(*R*)-282]



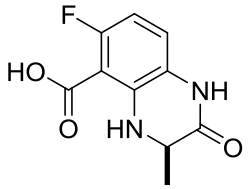
NAME	tr4037	
EXPNO	1	
PROCNO	1	
Date_	20131020	
Time	16.59	
INSTRUM	drx500	
PROBHD	5 mm PABBO BB/	
PULPROG	zg60	
TD	65536	
SOLVENT	DMSO	
NS	16	
DS	2	
SWH	10330.578	Hz
FIDRES	0.157632	Hz
AQ	3.1720407	sec
RG	161.3	
DW	48.400	usec
DE	17.00	usec
TE	298.7	K
D1	1.00000000	sec
======== CHANNEL f1 ========		
NUC1	1H	
P1	11.00	usec
PL1	0.00	dB
SFO1	500.1325007	MHz
SI	32768	
SF	500.1300055	MHz
WDW	EM	
SSB	0	
LB	0.30	Hz
GB	0	
PC	1.00	



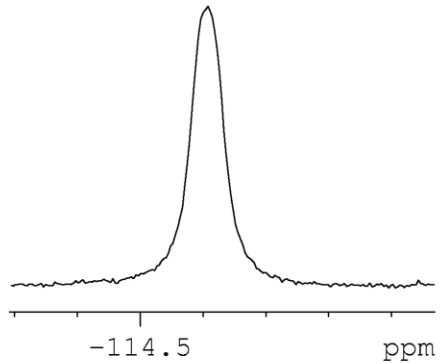
(3*R*)-6-Fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylic acid [(*R*)-282]

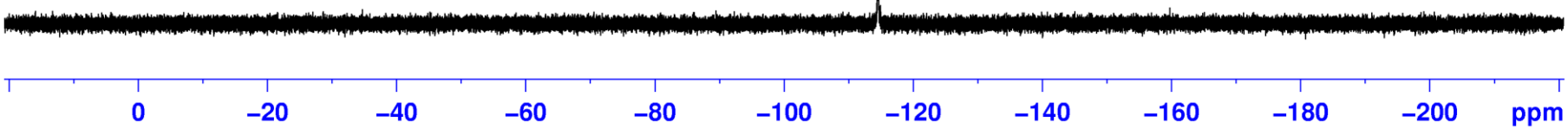


(3*R*)-6-Fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylic acid [(*R*)-282]

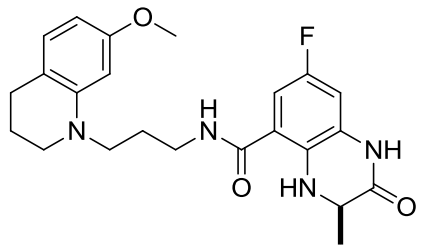



```
NAME            tr4037-2
EXPNO                  2
PROCNO                 1
Date_           20131121
Time               20.27
INSTRUM          avb500
PROBHD   5 mm PATXI 1H/
PULPROG          zgflqn
TD               131072
SOLVENT             DMSO
NS                   128
DS                     4
SWH          113636.367 Hz
FIDRES         0.866977 Hz
AQ            0.5767668 sec
RG                  2050
DW                 4.400 usec
DE                 6.50 usec
TE                298.0 K
D1           1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1        470.4041911 MHz
NUC1                19F
P1                10.00 usec
SI                65536
SF          470.4512360 MHz
WDW                  EM
SSB                   0
LB                 0.30 Hz
GB                    0
PC                 1.00
```

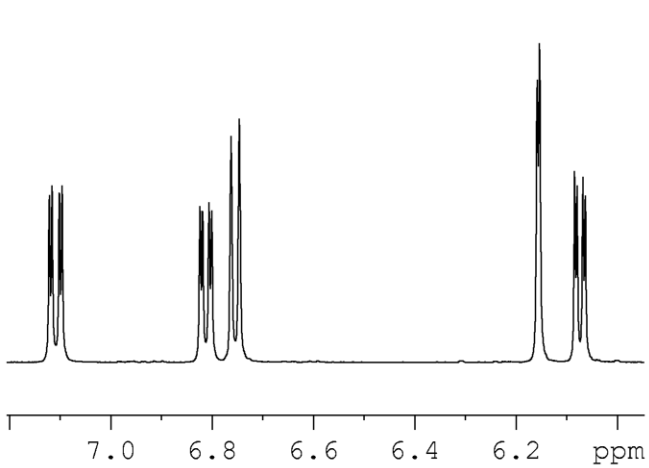




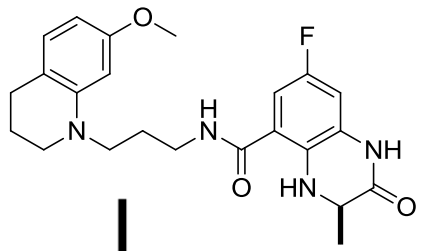
(3*R*)-*N*-[3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-7-fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-283]



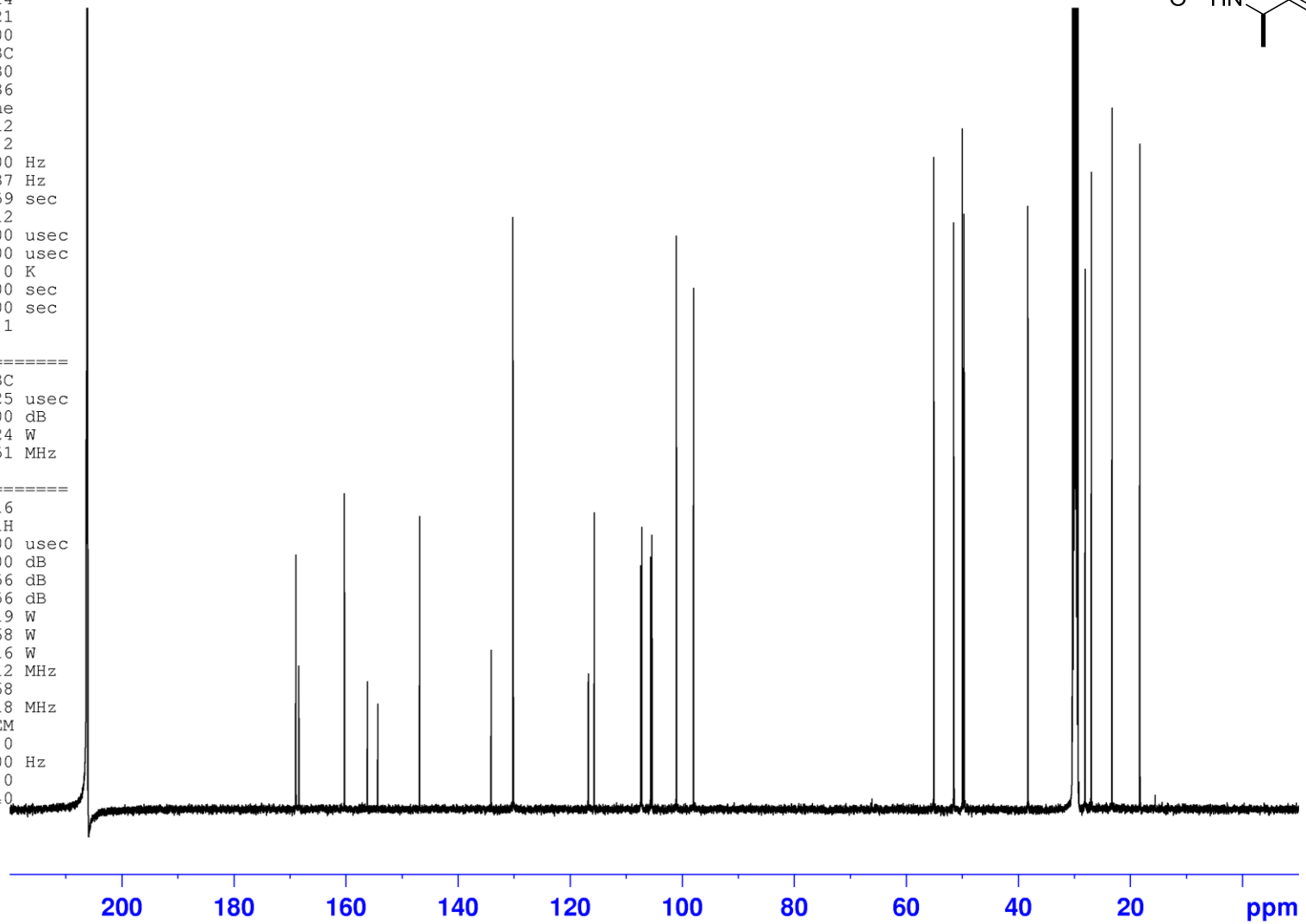
NAME	tr4040
EXPNO	11
PROCNO	1
Date_	20130114
Time	18.33
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zg30
TD	65536
SOLVENT	Acetone
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.157632 Hz
AQ	3.1719923 sec
RG	2.8
DW	48.400 usec
DE	6.00 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	1H
P1	10.60 usec
PL1	6.00 dB
PL1W	0.95905519 W
SFO1	500.3030896 MHz
SI	32768
SF	500.3000096 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



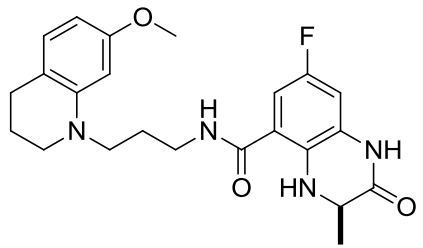
(3*R*)-*N*-[3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-7-fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-283]



NAME	tr4040	
EXPNO	14	
PROCNO	1	
Date_	20130114	
Time	19.21	
INSTRUM	avc500	
PROBHD	5 mm CPDUL 13C	
PULPROG	zgpg30	
TD	65536	
SOLVENT	Acetone	
NS	512	
DS	2	
SWH	31250.000	Hz
FIDRES	0.476837	Hz
AQ	1.0486259	sec
RG	912	
DW	16.000	usec
DE	20.00	usec
TE	298.0	K
D1	2.00000000	sec
D11	0.03000000	sec
TD0	1	
======== CHANNEL f1 ========		
NUC1	13C	
P1	10.25	usec
PL1	8.00	dB
PL1W	1.62029624	W
SFO1	125.8131151	MHz
======== CHANNEL f2 ========		
CPDPRG2	waltz16	
NUC2	1H	
PCPD2	80.00	usec
PL2	6.00	dB
PL12	23.56	dB
PL13	29.56	dB
PL2W	0.95905519	W
PL12W	0.01682068	W
PL13W	0.00422516	W
SFO2	500.3020012	MHz
SI	32768	
SF	125.8004218	MHz
WDW	EM	
SSB	0	
LB	1.00	Hz
GB	0	
PC	1.40	

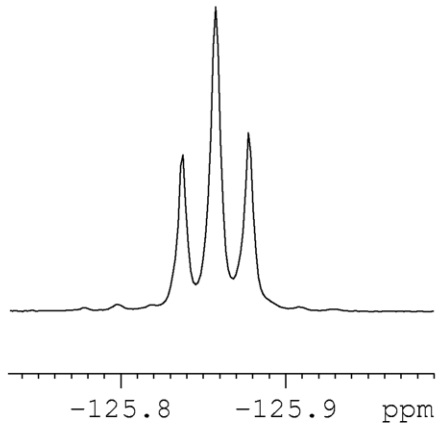


(3*R*)-*N*-[3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-7-fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-283]

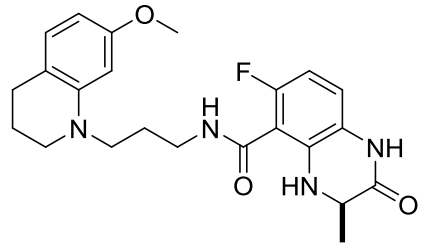


NAME	tr4040
EXPNO	16
PROCNO	1
Date_	20130114
Time	16.17
INSTRUM	avb500
PROBHD	5 mm PATXI 1H/
PULPROG	zgflqn
TD	131072
SOLVENT	Acetone
NS	16
DS	4
SWH	46875.000 Hz
FIDRES	0.357628 Hz
AQ	1.3981513 sec
RG	2050
DW	10.667 usec
DE	6.50 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1

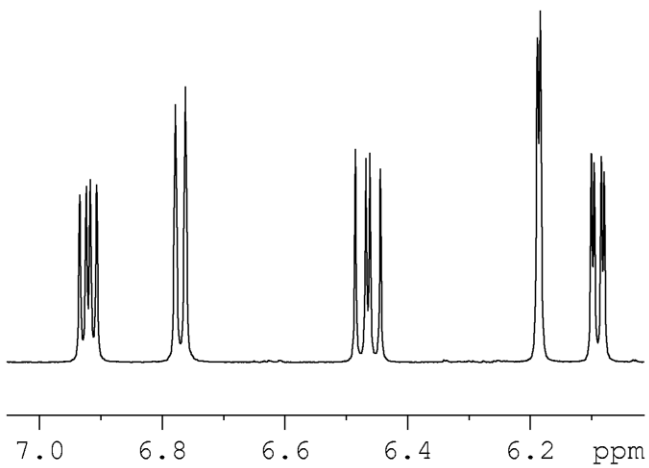
======== CHANNEL f1 ========	
NUC1	19F
P1	10.00 usec
PL1	0.90 dB
SFO1	470.3919591 MHz
SI	65536
SF	470.4503009 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



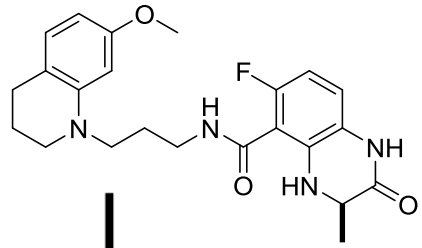
(3*R*)-*N*-[3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-6-fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-284]



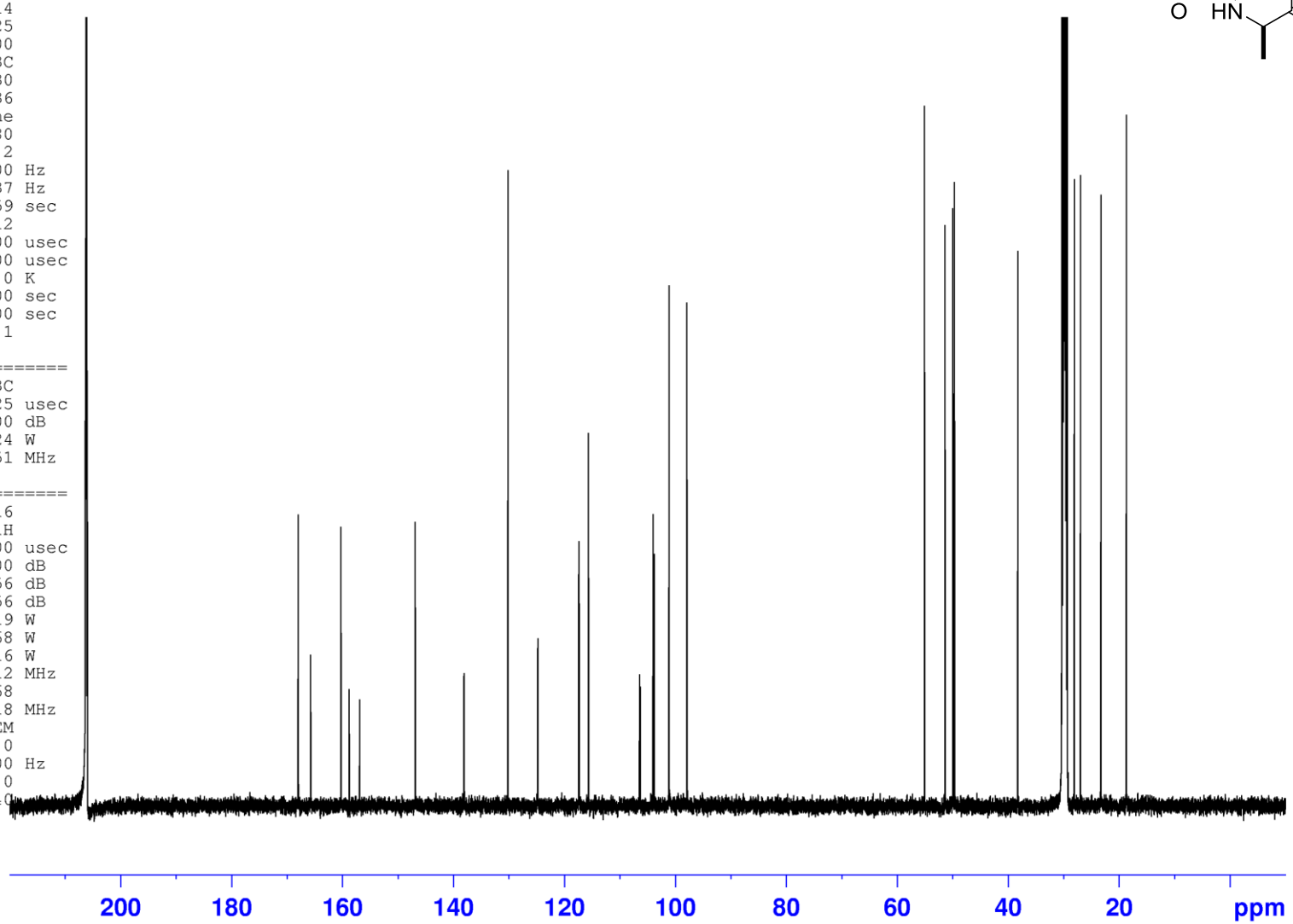
NAME	tr4039
EXPNO	1
PROCNO	1
Date_	20130114
Time	16.48
INSTRUM	avc500
PROBHD	5 mm CPDUL 13C
PULPROG	zg30
TD	65536
SOLVENT	Acetone
NS	16
DS	2
SWH	10330.578 Hz
FIDRES	0.157632 Hz
AQ	3.1719923 sec
RG	2.8
DW	48.400 usec
DE	6.00 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1
======== CHANNEL f1 ========	
NUC1	1H
P1	10.60 usec
PL1	6.00 dB
PL1W	0.95905519 W
SFO1	500.3030896 MHz
SI	32768
SF	500.3000000 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



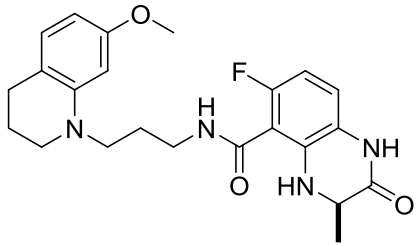
(3*R*)-*N*-[3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-6-fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-284]




```
NAME                tr4039
EXPNO                    4
PROCNO                   1
Date_             20130114
Time                 17.25
INSTRUM             avc500
PROBHD   5 mm CPDUL 13C
PULPROG             zgpg30
TD                   65536
SOLVENT            Acetone
NS                       280
DS                         2
SWH              31250.000 Hz
FIDRES            0.476837 Hz
AQ                1.0486259 sec
RG                       912
DW                  16.000 usec
DE                  20.00 usec
TE                   298.0 K
D1               2.00000000 sec
D11              0.03000000 sec
TD0                        1

======== CHANNEL f1 ========
NUC1                    13C
P1                    10.25 usec
PL1                    8.00 dB
PL1W            1.62029624 W
SFO1          125.8131151 MHz

======== CHANNEL f2 ========
CPDPRG2            waltz16
NUC2                    1H
PCPD2                80.00 usec
PL2                    6.00 dB
PL12                  23.56 dB
PL13                  29.56 dB
PL2W            0.95905519 W
PL12W           0.01682068 W
PL13W           0.00422516 W
SFO2          500.3020012 MHz
SI                   32768
SF            125.8004218 MHz
WDW                     EM
SSB                      0
LB                    1.00 Hz
GB                       0
PC                    1.40
```

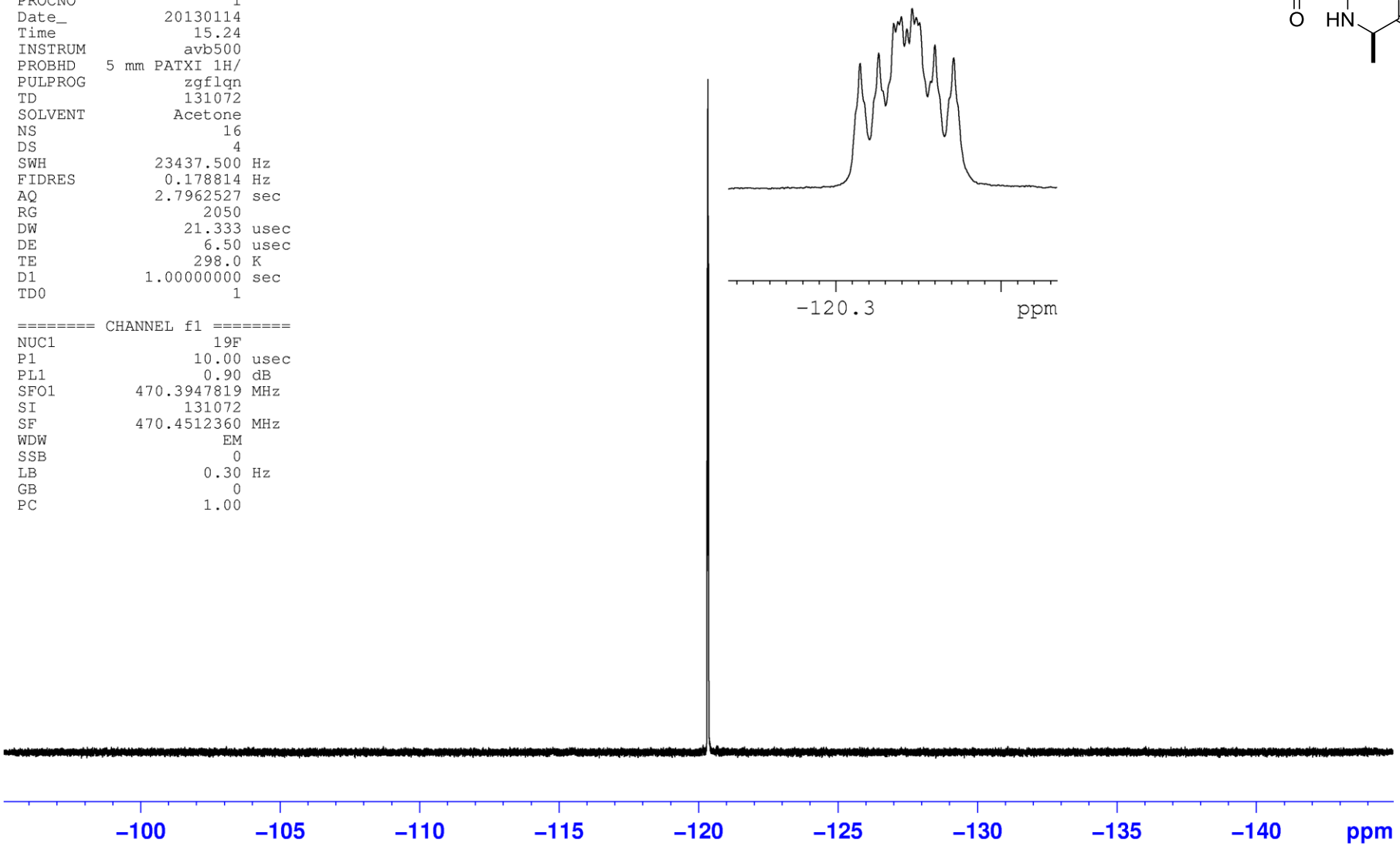


(3*R*)-*N*-[3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-6-fluoro-3-methyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxamide [(*R*)-284]

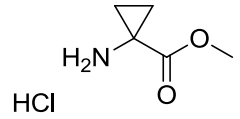


NAME	tr4039
EXPNO	6
PROCNO	1
Date_	20130114
Time	15.24
INSTRUM	avb500
PROBHD	5 mm PATXI 1H/
PULPROG	zgflqn
TD	131072
SOLVENT	Acetone
NS	16
DS	4
SWH	23437.500 Hz
FIDRES	0.178814 Hz
AQ	2.7962527 sec
RG	2050
DW	21.333 usec
DE	6.50 usec
TE	298.0 K
D1	1.00000000 sec
TD0	1

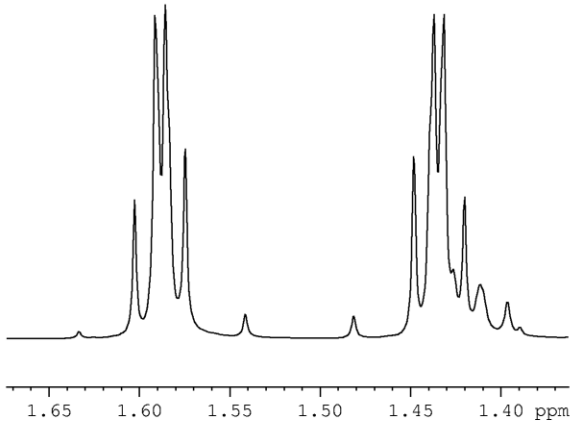
======== CHANNEL f1 ========	
NUC1	19F
P1	10.00 usec
PL1	0.90 dB
SFO1	470.3947819 MHz
SI	131072
SF	470.4512360 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



Methyl 1-aminocyclopropanecarboxylate hydrochloride (290)

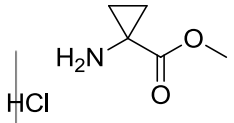



```
Current Data Parameters
NAME                  tr2028
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_              20120129
Time                  13.52
INSTRUM               avc500
PROBHD    5 mm CPDUL 13C
PULPROG                zg30
TD                    65536
SOLVENT                MeOD
NS                       16
DS                        2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ                3.1719425 sec
RG                        4
DW                   48.400 usec
DE                    6.00 usec
TE                   298.0 K
D1             1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
NUC1                     1H
P1                    9.60 usec
PL1                  -6.00 dB
PL1W          15.19999981 W
SFO1          500.3030896 MHz

F2 - Processing parameters
SI                    32768
SF            500.3000000 MHz
WDW                      EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```

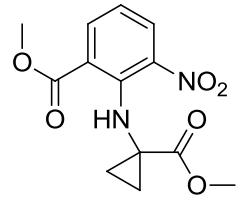


Methyl 1-aminocyclopropanecarboxylate hydrochloride (290)

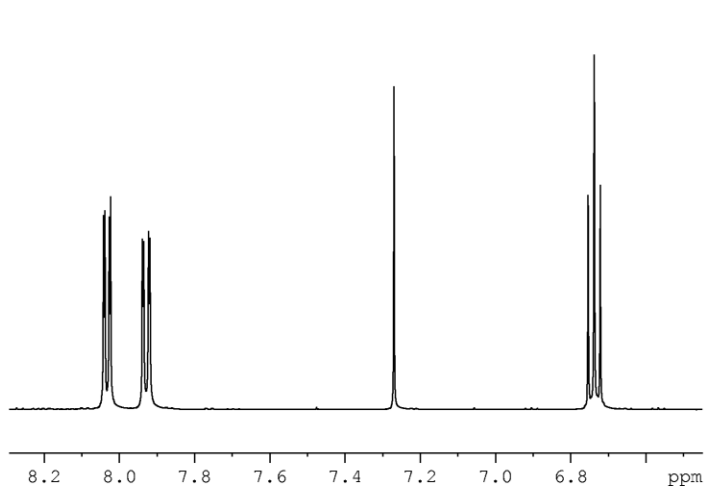
```
Current Data Parameters
NAME              tr2028
EXPNO                  3
PROCNO                 1

F2 - Processing parameters
SI                 32768
SF          125.8003564 MHz
WDW                   EM
SSB       0
LB                 1.00 Hz
GB        0
PC                 1.40
```



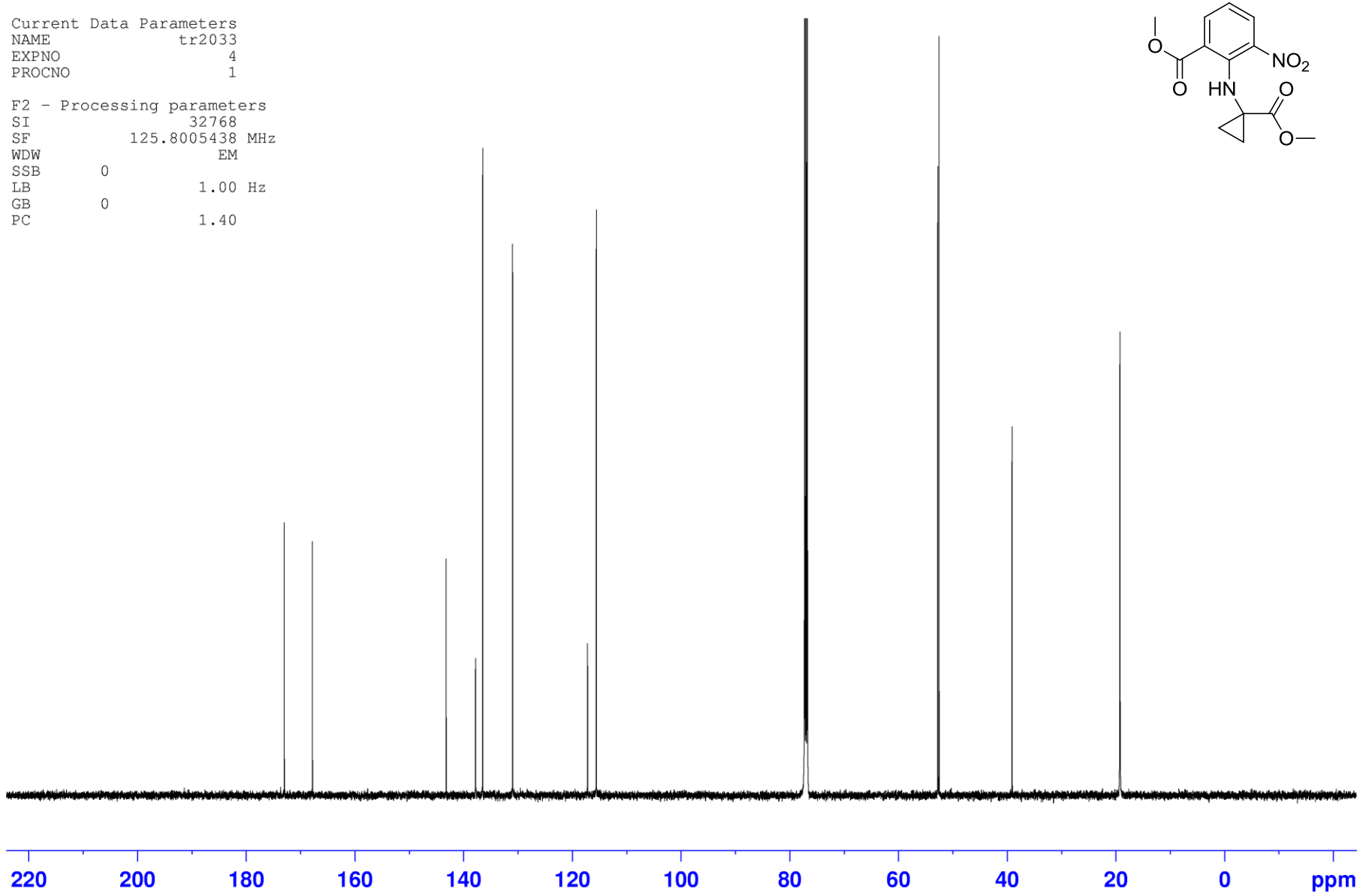
Methyl 2-{[1-(methoxycarbonyl)cyclopropyl]amino}-3-nitrobenzoate (292)



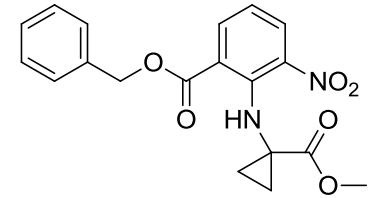

```
Current Data Parameters
NAME                  tr2033
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20120105
Time                    5.41
INSTRUM                avc500
PROBHD    5 mm CPDUL 13C
PULPROG                 zg30
TD                     65536
SOLVENT                CDC13
NS                        16
DS                         2
SWH                10330.578 Hz
FIDRES              0.157632 Hz
AQ                 3.1719425 sec
RG                         4
DW                    48.400 usec
DE                     6.00 usec
TE                     298.0 K
D1                1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
NUC1                      1H
P1                     9.60 usec
PL1                   -6.00 dB
PL1W             15.19999981 W
SFO1             500.3030896 MHz

F2 - Processing parameters
SI                     32768
SF               500.3000240 MHz
WDW                       EM
SSB       0
LB                     0.30 Hz
GB        0
PC                     1.00
```



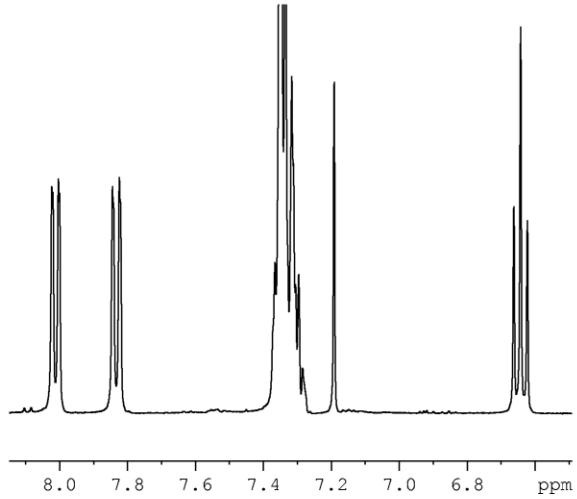
Methyl 2-{[1-(methoxycarbonyl)cyclopropyl]amino}-3-nitrobenzoate (292)



Benzyl 2-{[1-(methoxycarbonyl)cyclopropyl]amino}-3-nitrobenzoate (295)

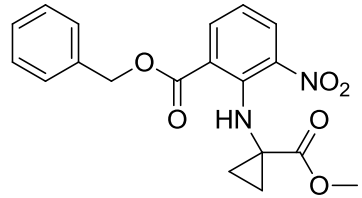


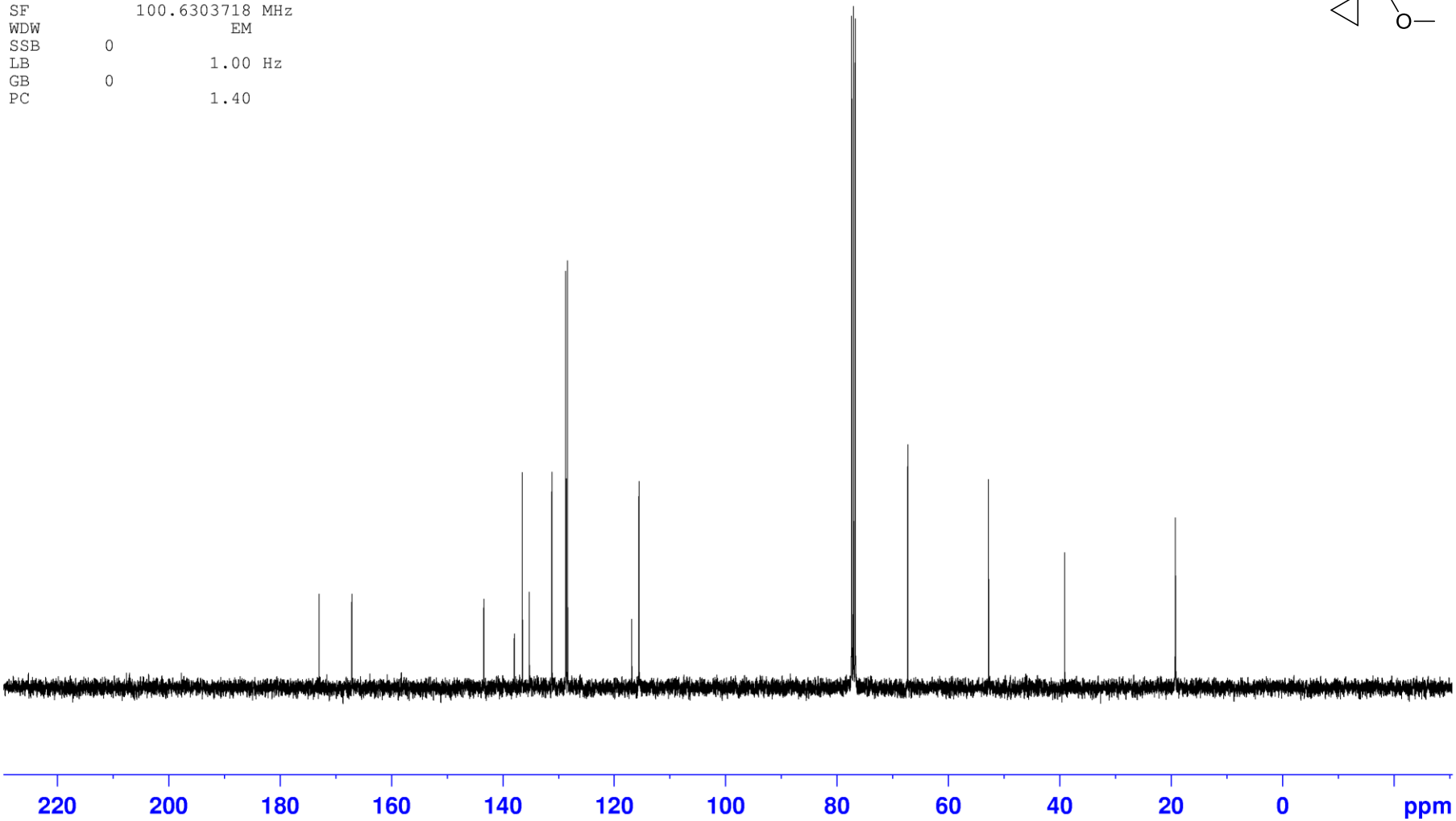

```
Current Data Parameters
NAME                 tr3011
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20140107
Time                 18.21
INSTRUM              avg400
PROBHD    5 mm QNP 1H/13
PULPROG                zg30
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        2
SWH              10000.000 Hz
FIDRES            0.152588 Hz
AQ                3.2767999 sec
RG                    321.1
DW                 50.000 usec
DE                  6.50 usec
TE                  294.1 K
D1              1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
SFO1           400.2024714 MHz
NUC1                   1H
P1                  12.23 usec
PLW1           11.30000019 W

F2 - Processing parameters
SI                    65536
SF             400.2000415 MHz
WDW                     EM
SSB       0
LB                   0.30 Hz
GB        0
PC                   1.00
```



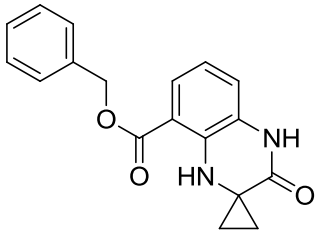
Benzyl 2-{[1-(methoxycarbonyl)cyclopropyl]amino}-3-nitrobenzoate (295)

```
Current Data Parameters
NAME              tr3011
EXPNO                  2
PROCNO                 1

F2 - Processing parameters
SI                 32768
SF          100.6303718 MHz
WDW                   EM
SSB       0
LB                 1.00 Hz
GB        0
PC                 1.40
```

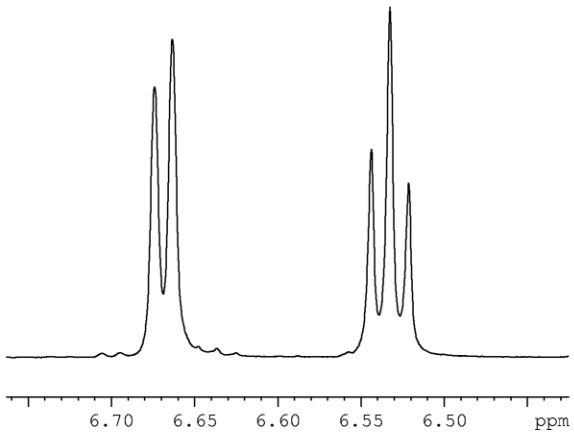


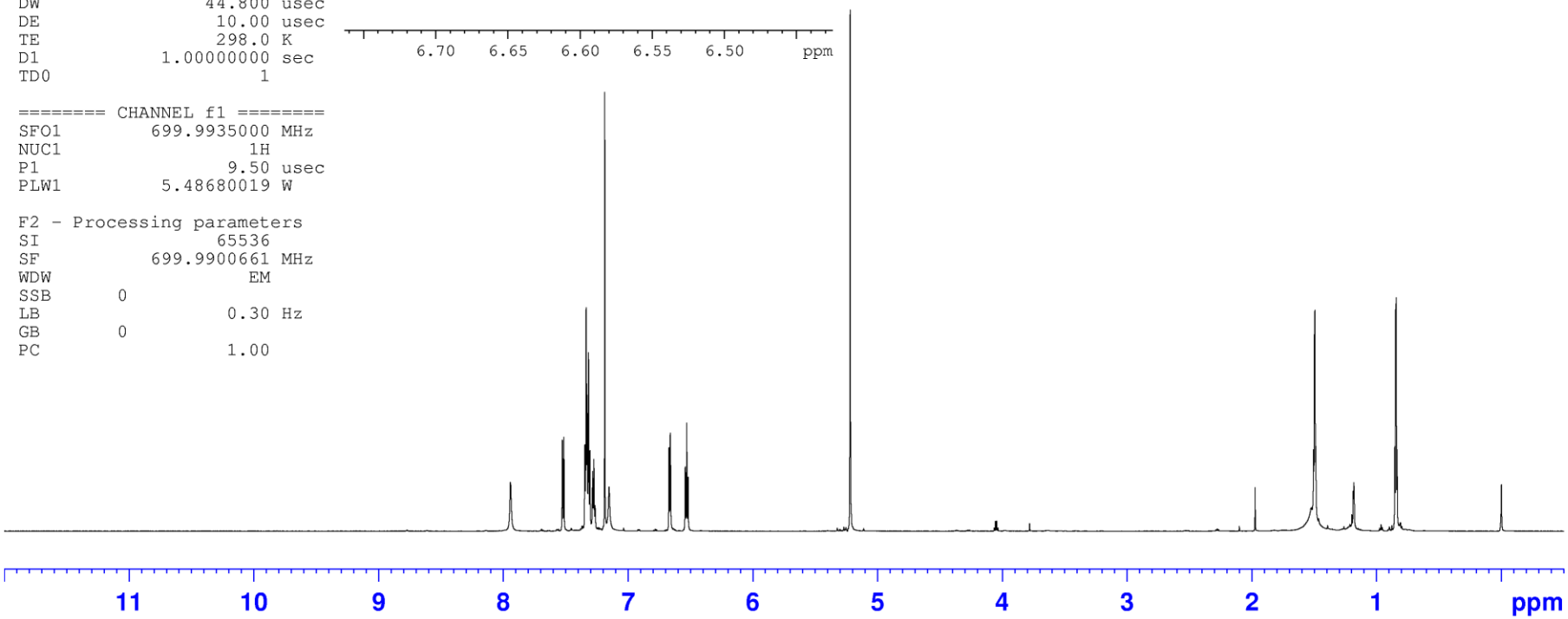


Benzyl 3'-oxo-3',4'-dihydro-1'*H*-spiro[cyclopropane-1,2'-quinoxaline]-8‘-carboxylate (296)

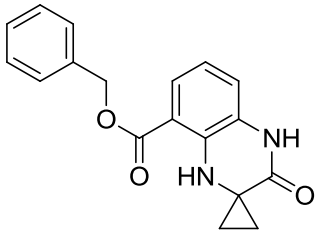



```
Current Data Parameters
NAME                  tr3034
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20140117
Time                   11.08
INSTRUM                av700
PROBHD    5 mm CPTCI 1H-
PULPROG                 zg60
TD                     65536
SOLVENT                CDCl3
NS                        16
DS                         2
SWH                11160.714 Hz
FIDRES              0.170299 Hz
AQ                 2.9360127 sec
RG                         8
DW                    44.800 usec
DE                    10.00 usec
TE                    298.0 K
D1                 1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
SFO1             699.9935000 MHz
NUC1                       1H
P1                      9.50 usec
PLW1              5.48680019 W

F2 - Processing parameters
SI                     65536
SF               699.9900661 MHz
WDW                       EM
SSB          0
LB                      0.30 Hz
GB           0
PC                      1.00
```





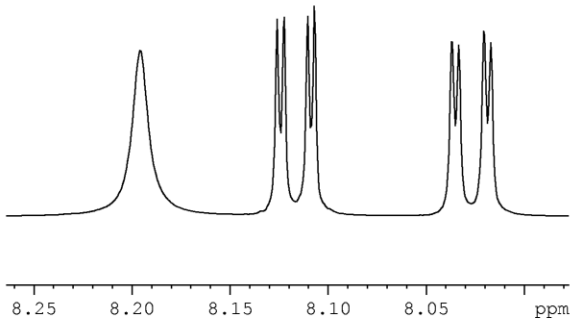
Benzyl 3'-oxo-3',4'-dihydro-1'*H*-spiro[cyclopropane-1,2'-quinoxaline]-8‘-carboxylate (296)

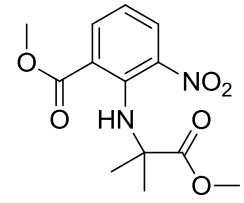



```
Current Data Parameters
NAME                tr3034
EXPNO                    4
PROCNO                   1

F2 - Acquisition Parameters
Date_            20140117
Time                11.50
INSTRUM             av700
PROBHD    5 mm CPTCI 1H-
PULPROG            zgpg30
TD                  65536
SOLVENT             CDCl3
NS                    694
DS                      4
SWH             41666.668 Hz
FIDRES           0.635783 Hz
AQ              0.7864320 sec
RG                   2050
DW                 12.000 usec
DE                 18.00 usec
TE                 298.0 K
D1             2.00000000 sec
D11            0.03000000 sec
TD0                     1

======== CHANNEL f1 ========
SFO1          176.0302268 MHz
NUC1                 13C
P1                 15.00 usec
PLW1          56.11700058 W

======== CHANNEL f2 ========
SFO2          699.9928000 MHz
NUC2                 1H
CPDPRG[2          waltz16
PCPD2              65.00 usec
PLW2           5.48680019 W
PLW12          0.11720000 W
PLW13          0.04951900 W

F2 - Processing parameters
SI                  65536
SF            176.0126260 MHz
WDW                   EM
SSB       0
LB                 1.00 Hz
GB        0
```

Methyl 2-[(1-methoxy-2-methyl-1-oxopropan-2-yl)amino]-3-nitrobenzoate (300)

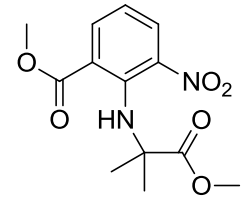
```
Current Data Parameters
NAME                  tr2034
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20120105
Time                    4.16
INSTRUM                avc500
PROBHD    5 mm CPDUL 13C
PULPROG                 zg30
TD                     65536
SOLVENT                CDC13
NS                        16
DS                         2
SWH                10330.578 Hz
FIDRES              0.157632 Hz
AQ                  3.1719425 sec
RG                         4
DW                    48.400 usec
DE                     6.00 usec
TE                    298.0 K
D1                 1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
NUC1                       1H
P1                      9.60 usec
PL1                    -6.00 dB
PL1W              15.19999981 W
SFO1              500.3030896 MHz

F2 - Processing parameters
SI                     32768
SF                500.3000240 MHz
WDW                       EM
SSB       0
LB                      0.30 Hz
GB        0
PC                      1.00
```





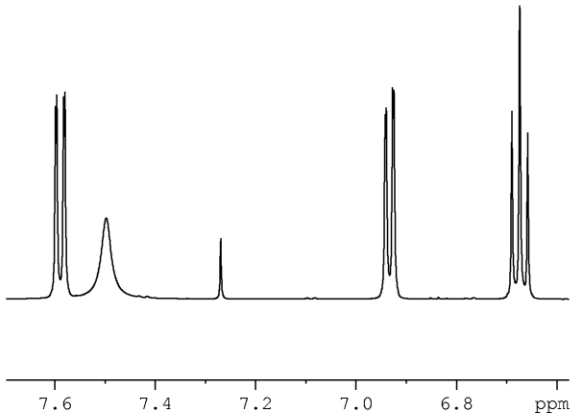
Methyl 2-[(1-methoxy-2-methyl-1-oxopropan-2-yl)amino]-3-nitrobenzoate (300)

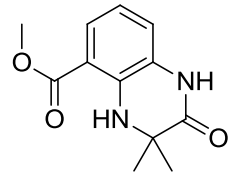
```
Current Data Parameters
NAME              tr3034
EXPNO                  4
PROCNO                 1

F2 - Acquisition Parameters
Date_           20140117
Time               11.50
INSTRUM            av700
PROBHD   5 mm CPTCI 1H-
PULPROG           zgpg30
TD                 65536
SOLVENT            CDCl3
NS                   694
DS                     4
SWH            41666.668 Hz
FIDRES          0.635783 Hz
AQ             0.7864320 sec
RG                  2050
DW                12.000 usec
DE                 18.00 usec
TE                 298.0 K
D1            2.00000000 sec
D11           0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         176.0302268 MHz
NUC1                 13C
P1                 15.00 usec
PLW1         56.11700058 W

======== CHANNEL f2 ========
SFO2         699.9928000 MHz
NUC2                 1H
CPDPRG[2          waltz16
PCPD2              65.00 usec
PLW2          5.48680019 W
PLW12         0.11720000 W
PLW13         0.04951900 W

F2 - Processing parameters
SI                 65536
SF           176.0126260 MHz
WDW                  EM
SSB       0
LB                 1.00 Hz
GB        0
```



Methyl 3,3-dimethyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate (301)

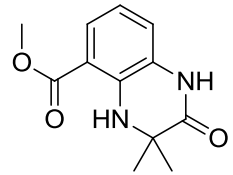
```
Current Data Parameters
NAME                 tr2046
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20140120
Time                 18.03
INSTRUM              drx500
PROBHD    5 mm PABBO BB/
PULPROG                zg60
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719425 sec
RG                       64
DW                  48.400 usec
DE                  17.00 usec
TE                  297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                      1H
P1                  11.00 usec
PL1       0 dB
SFO1          500.1325007 MHz

F2 - Processing parameters
SI                    32768
SF              500.1300237 MHz
WDW                      EM
SSB       0
LB                   0.30 Hz
GB        0
PC                   1.00
```

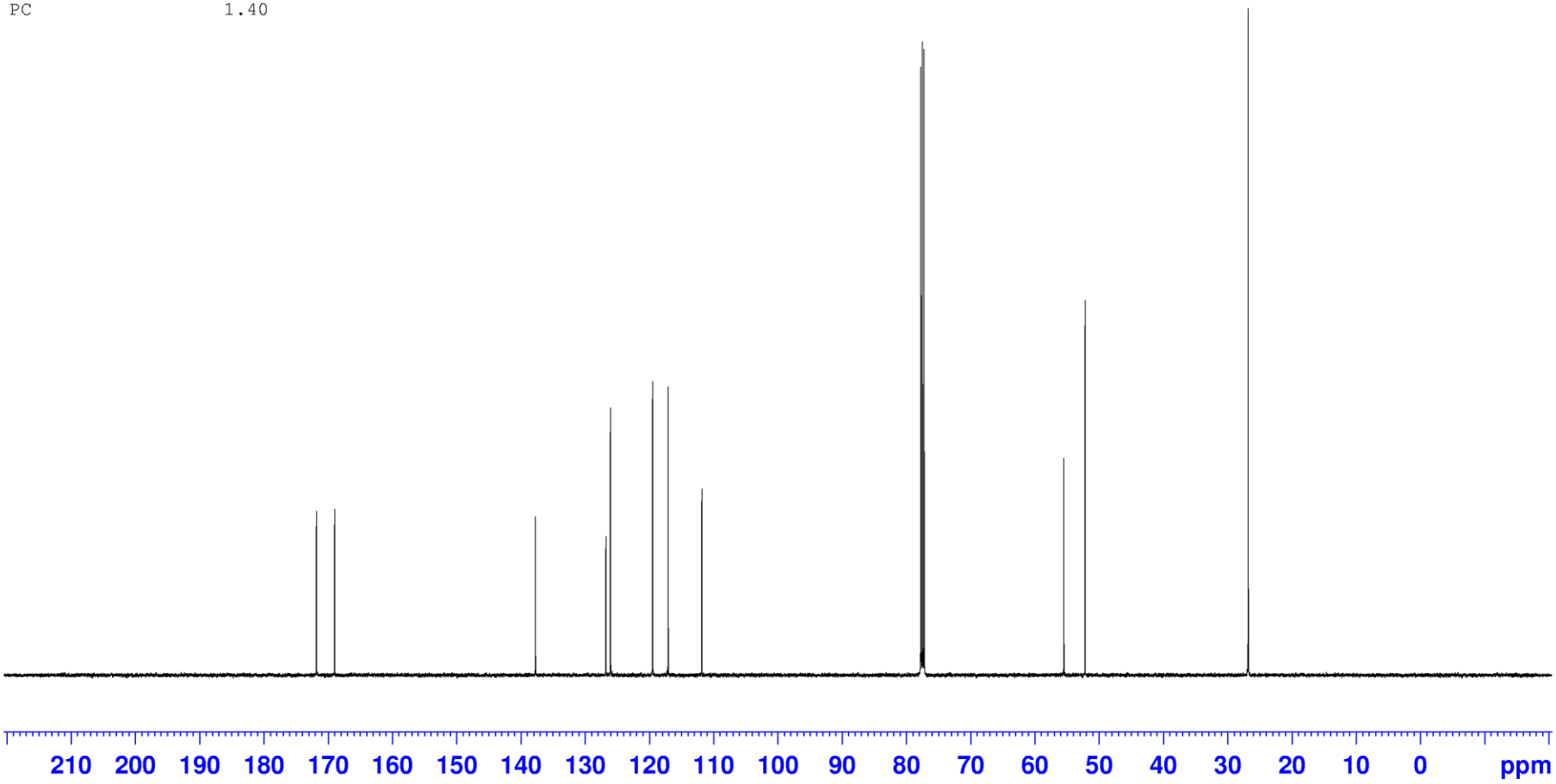




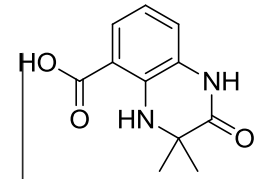
Methyl 3,3-dimethyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate (301)

```
Current Data Parameters
NAME              tr2046
EXPNO                  2
PROCNO                 1

F2 - Processing parameters
SI                 32768
SF          125.7577390 MHz
WDW                   EM
SSB       0
LB                 1.00 Hz
GB        0
PC                 1.40
```

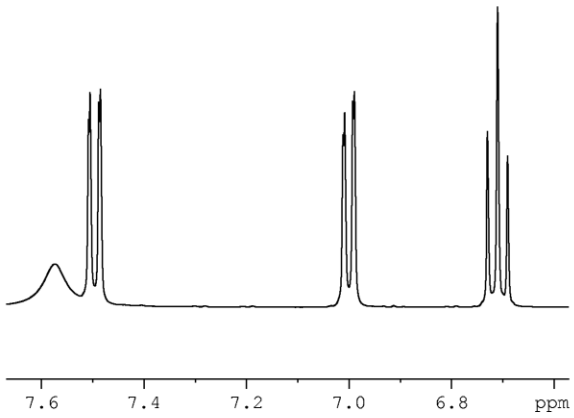


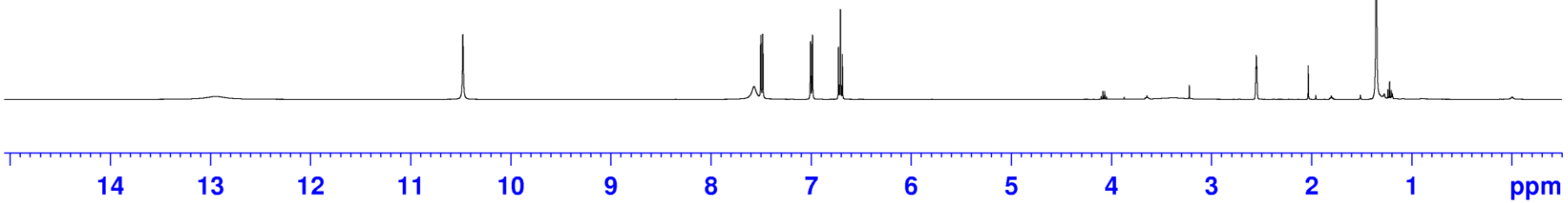


3,3-Dimethyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylic acid (302)

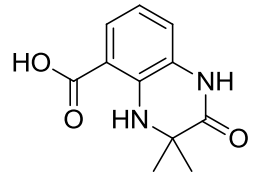



```
Current Data Parameters
NAME                  tr5088
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20140123
Time                   10.24
INSTRUM                avb400
PROBHD    5 mm PABBO BB/
PULPROG                 zg30
TD                     65536
SOLVENT                 DMSO
NS                        16
DS                         2
SWH                 8012.820 Hz
FIDRES              0.122266 Hz
AQ                  4.0894465 sec
RG                     78.07
DW                     62.400 usec
DE                      6.50 usec
TE                     298.0 K
D1                1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
SFO1              400.1320007 MHz
NUC1                       1H
P1                     10.00 usec
PLW1              14.58800030 W

F2 - Processing parameters
SI                     65536
SF                400.1299814 MHz
WDW                       EM
SSB       0
LB                      0.30 Hz
GB        0
PC                      1.00
```



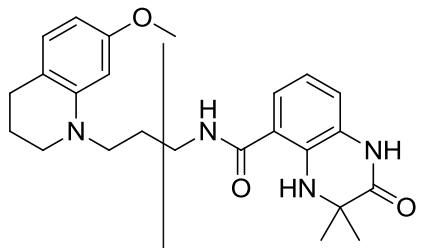


3,3-Dimethyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylic acid (302)

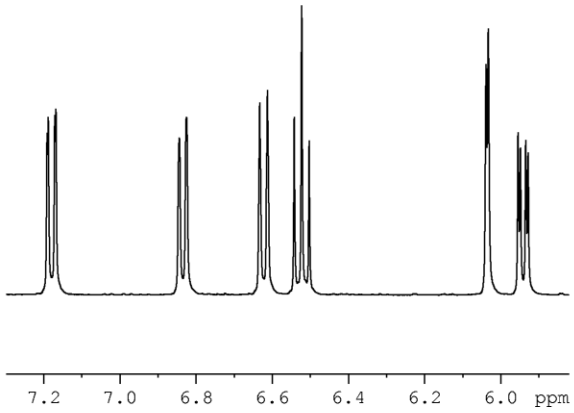



```
Current Data Parameters
NAME              tr5088
EXPNO                  2
PROCNO                 1

F2 - Acquisition Parameters
Date_           20140123
Time               10.56
INSTRUM           avb400
PROBHD   5 mm PABBO BB/
PULPROG           zgpg30
TD                 65536
SOLVENT              DMSO
NS                     565
DS                       4
SWH            24038.461 Hz
FIDRES          0.366798 Hz
AQ             1.3631488 sec
RG                 197.74
DW                 20.800 usec
DE                  6.50 usec
TE                 298.0 K
D1            2.00000000 sec
D11           0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         100.6228303 MHz
NUC1                13C
P1                10.00 usec
PLW1         60.95399857 W

======== CHANNEL f2 ========
SFO2         400.1316005 MHz
NUC2                1H
CPDPRG[2         waltz16
PCPD2             70.00 usec
PLW2         14.58800030 W
PLW12         0.29771000 W
PLW13         0.14588000 W

F2 - Processing parameters
SI                 32768
SF           100.6127690 MHz
WDW                   EM
SSB       0
LB                 1.00 Hz
GB        0
PC                 1.40
```

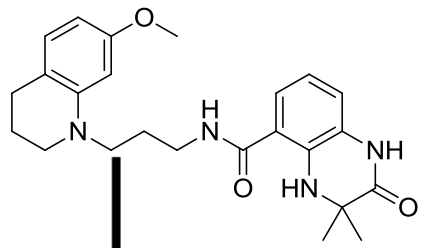
3,3-Dimethyl-2-oxo-*N*-[3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1,2,3,4-tetrahydroquinoxaline-5-carboxamide (303)



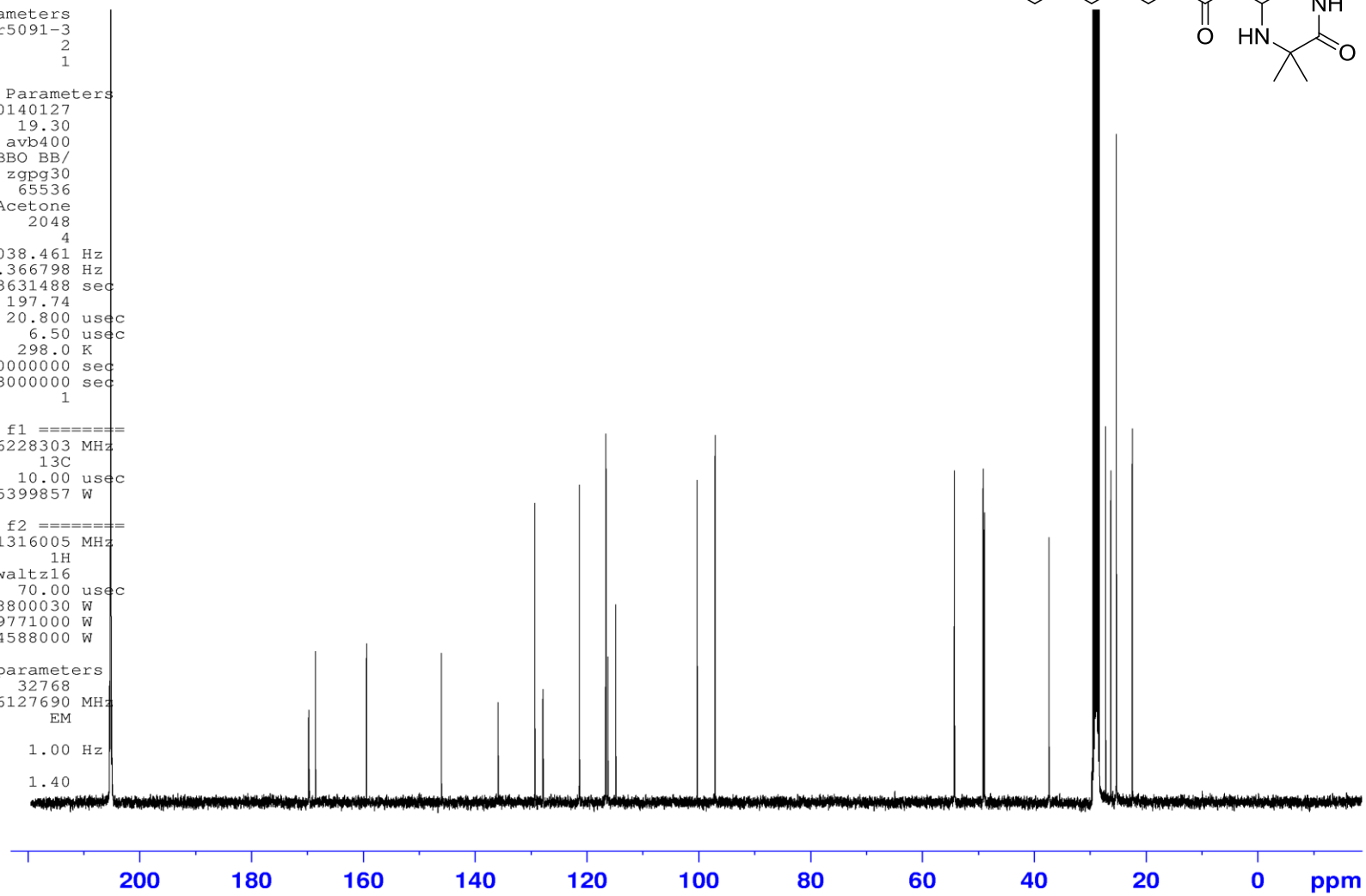

```
Current Data Parameters
NAME            tr5091-3
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20140127
Time               18.42
INSTRUM          avb400
PROBHD   5 mm PABBO BB/
PULPROG             zg30
TD                 65536
SOLVENT          Acetone
NS                    16
DS                     2
SWH             8012.820 Hz
FIDRES          0.122266 Hz
AQ             4.0894465 sec
RG                 89.24
DW                62.400 usec
DE                 6.50 usec
TE                298.0 K
D1           1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         400.1320007 MHz
NUC1                   1H
P1                 10.00 usec
PLW1         14.58800030 W

F2 - Processing parameters
SI                 65536
SF           400.1300599 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```



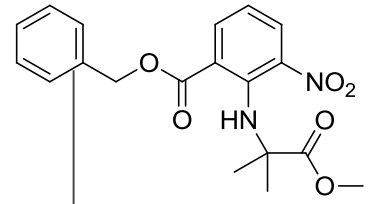
3,3-Dimethyl-2-oxo-*N*-[3-(7-methoxy-3,4-dihydroquinolin-1(2*H*)-yl)propyl]-1,2,3,4-tetrahydroquinoxaline-5-carboxamide (303)



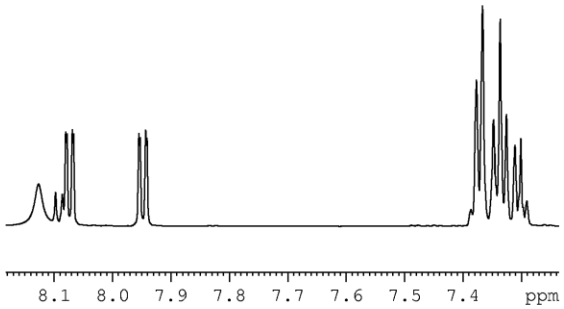

```
Current Data Parameters
NAME            tr5091-3
EXPNO                  2
PROCNO                 1

F2 - Acquisition Parameters
Date_           20140127
Time               19.30
INSTRUM          avb400
PROBHD   5 mm PABBO BB/
PULPROG          zgpg30
TD                65536
SOLVENT         Acetone
NS                 2048
DS                    4
SWH           24038.461 Hz
FIDRES         0.366798 Hz
AQ            1.3631488 sec
RG                197.74
DW                20.800 usec
DE                 6.50 usec
TE                298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1        100.6228303 MHz
NUC1                13C
P1                10.00 usec
PLW1        60.95399857 W

======== CHANNEL f2 ========
SFO2        400.1316005 MHz
NUC2                1H
CPDPRG[2         waltz16
PCPD2             70.00 usec
PLW2        14.58800030 W
PLW12        0.29771000 W
PLW13        0.14588000 W

F2 - Processing parameters
SI                 32768
SF          100.6127690 MHz
WDW                   EM
SSB       0
LB                 1.00 Hz
GB        0
PC                 1.40
```

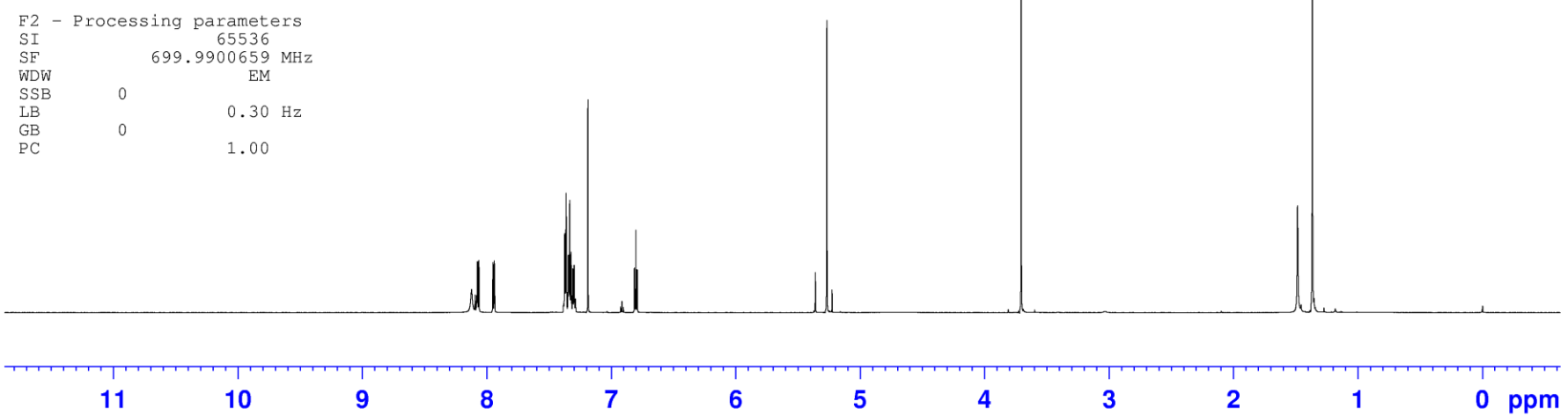


Benzyl 2-[(1-methoxy-2-methyl-1-oxopropan-2-yl)amino]-3-nitrobenzoate (304)

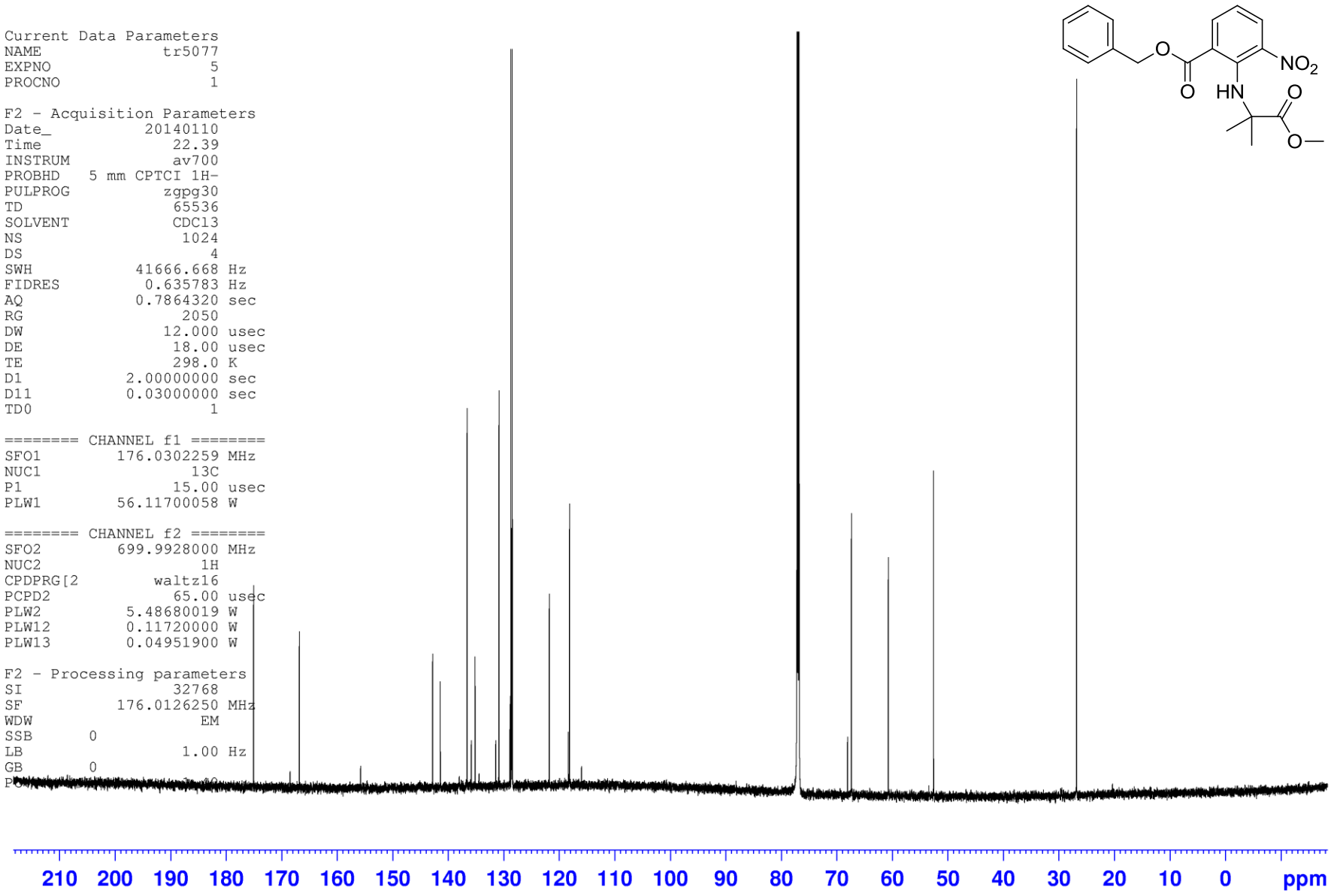



```
Current Data Parameters
NAME              tr5077
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20140110
Time               20.27
INSTRUM            av700
PROBHD   5 mm CPTCI 1H-
PULPROG             zg30
TD                 65536
SOLVENT            CDCl3
NS                    16
DS                     2
SWH            14097.744 Hz
FIDRES         0.215115 Hz
AQ             2.3243434 sec
RG                     8
DW                35.467 usec
DE                10.00 usec
TE                298.0 K
D1            1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         699.9943227 MHz
NUC1                  1H
P1                  9.50 usec
PLW1          5.48680019 W

F2 - Processing parameters
SI                 65536
SF           699.9900659 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```

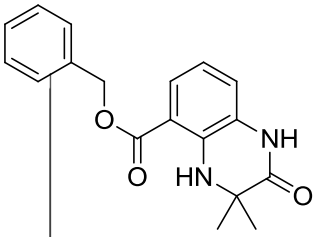




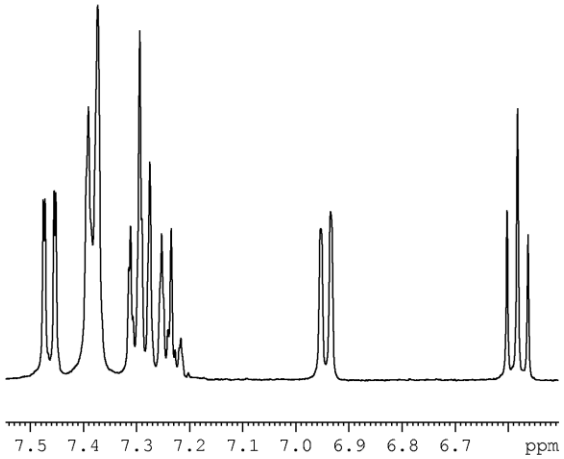
Benzyl 2-[(1-methoxy-2-methyl-1-oxopropan-2-yl)amino]-3-nitrobenzoate (304)

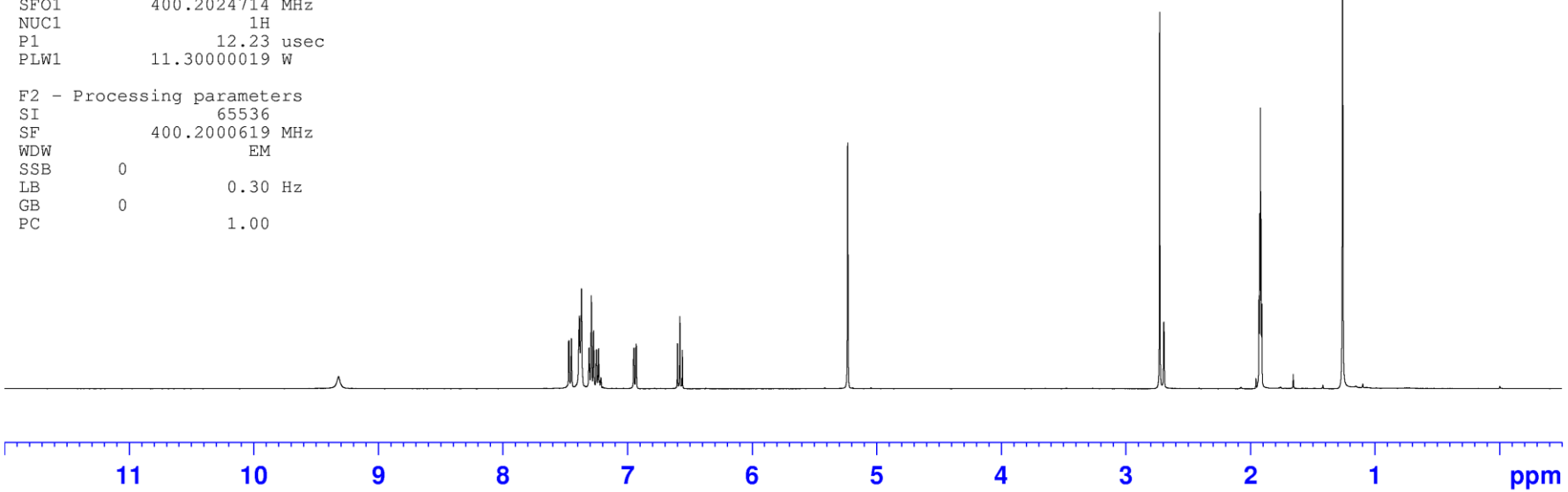


Benzyl 3,3-dimethyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate (305)

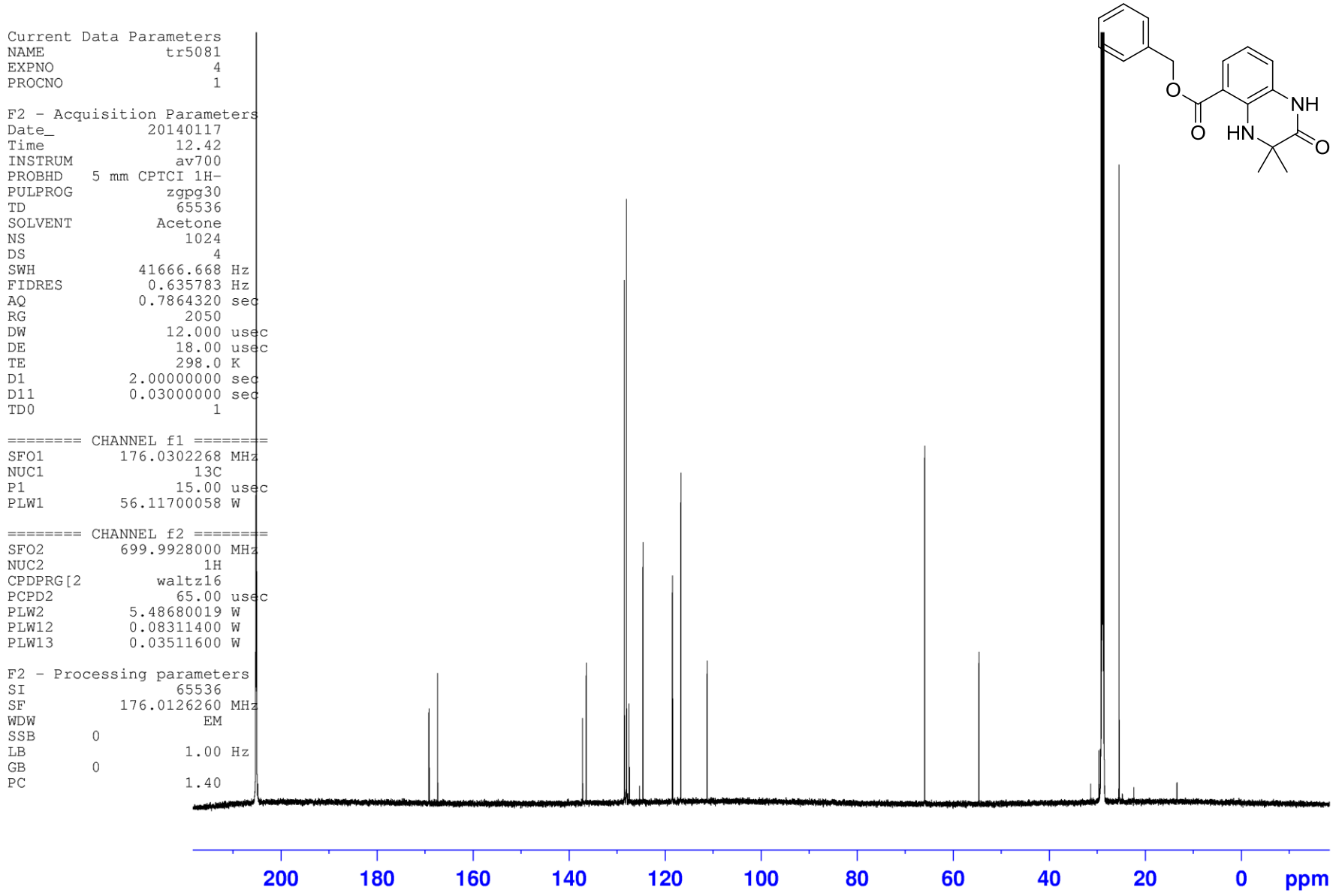



```
Current Data Parameters
NAME              tr5081
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20140113
Time               17.20
INSTRUM          avg400
PROBHD   5 mm QNP 1H/13
PULPROG             zg30
TD                 65536
SOLVENT          Acetone
NS                    16
DS                     2
SWH            10000.000 Hz
FIDRES         0.152588 Hz
AQ             3.2767999 sec
RG                411.88
DW                50.000 usec
DE                 6.50 usec
TE                294.0 K
D1             1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         400.2024714 MHz
NUC1                  1H
P1                 12.23 usec
PLW1         11.30000019 W

F2 - Processing parameters
SI                 65536
SF           400.2000619 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```

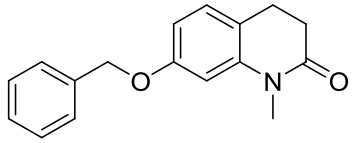




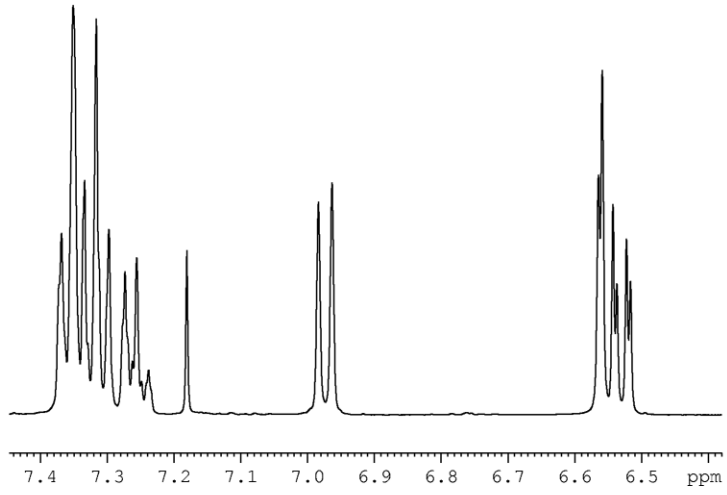
Benzyl 3,3-dimethyl-2-oxo-1,2,3,4-tetrahydroquinoxaline-5-carboxylate (305)



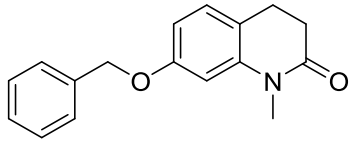
7-(Benzyloxy)-1-methyl-3,4-dihydroquinolin-2(1H)-one (306)



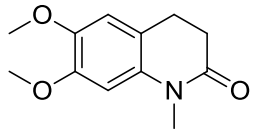

```
Current Data Parameters
NAME                 tr4092
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20140205
Time                 23.58
INSTRUM              avb400
PROBHD    5 mm PABBO BB/
PULPROG                zg30
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        2
SWH                8012.820 Hz
FIDRES             0.122266 Hz
AQ                 4.0894465 sec
RG                    89.24
DW                   62.400 usec
DE                    6.50 usec
TE                   298.0 K
D1              1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
SFO1            400.1320007 MHz
NUC1                    1H
P1                   10.00 usec
PLW1           14.58800030 W

F2 - Processing parameters
SI                    65536
SF              400.1300417 MHz
WDW                     EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```



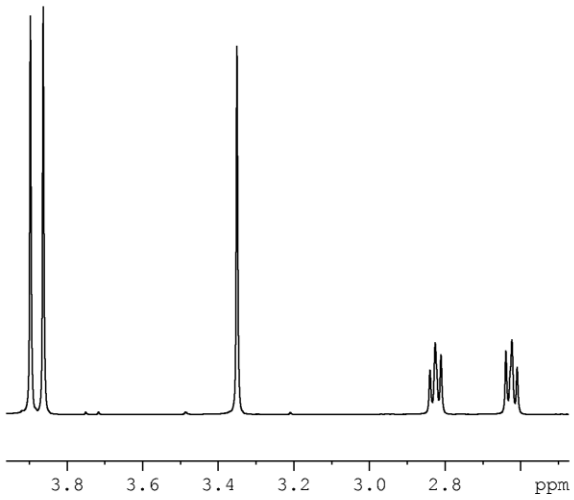
7-(Benzyloxy)-1-methyl-3,4-dihydroquinolin-2(1H)-one (306)



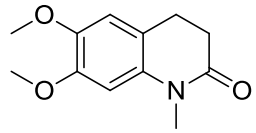
6,7-Dimethoxy-1-methyl-3,4-dihydroquinolin-2(1H)-one (307)




```
Current Data Parameters
NAME                  tr4077
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20130425
Time                   12.49
INSTRUM                avc500
PROBHD    5 mm CPDUL 13C
PULPROG                 zg30
TD                     65536
SOLVENT                CDCl3
NS                        16
DS                         4
SWH                10330.578 Hz
FIDRES              0.157632 Hz
AQ                  3.1719425 sec
RG                      1.78
DW                    48.400 usec
DE                     6.00 usec
TE                    298.0 K
D1                 1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
NUC1                       1H
P1                    10.60 usec
PL1                    6.00 dB
PL1W              0.95905519 W
SFO1             500.3030896 MHz

F2 - Processing parameters
SI                     32768
SF                500.3000240 MHz
WDW                       EM
SSB       0
LB                     0.30 Hz
GB        0
PC                     1.00
```

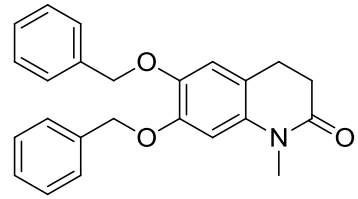


6,7-Dimethoxy-1-methyl-3,4-dihydroquinolin-2(1H)-one (307)

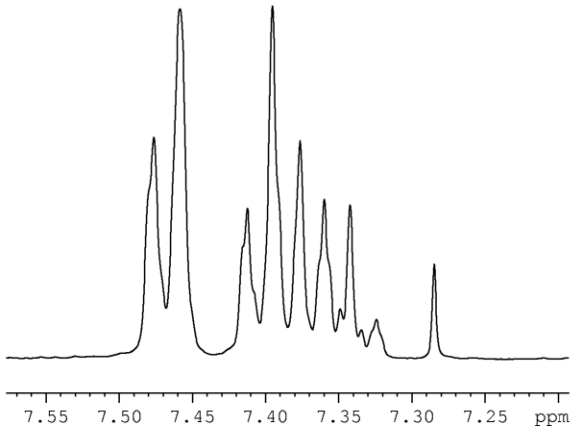



```
NAME          tr38122504
EXPNO                  4
PROCNO                 1
Date_           20130425
Time              13.38
INSTRUM         avc500
PROBHD   5 mm CPDUL 13C
PULPROG          zgpg30
TD                65536
SOLVENT           CDCl3
NS                  512
DS                    2
SWH           31250.000 Hz
FIDRES        0.476837 Hz
AQ            1.0486259 sec
RG                  912
DW               16.000 usec
DE               20.00 usec
TE                298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 =======
NUC1                 13C
P1                10.25 usec
PL1                8.00 dB
PL1W         1.62029624 W
SFO1        125.8131151 MHz

======== CHANNEL f2 =======
CPDPRG2          waltz16
NUC2                 1H
PCPD2             80.00 usec
PL2                6.00 dB
PL12              23.56 dB
PL13              29.56 dB
PL2W         0.95905519 W
PL12W        0.01682068 W
PL13W        0.00422516 W
SFO2        500.3020012 MHz
SI                32768
SF          125.8005438 MHz
WDW                  EM
SSB                   0
LB                 1.00 Hz
GB                    0
PC                 1.40
```

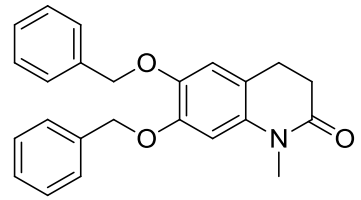
6,7-Bis(benzyloxy)-1-methyl-3,4-dihydroquinolin-2(1H)-one (308)




```
Current Data Parameters
NAME                  tr4082
EXPNO                      1
PROCNO                     1

F2 - Acquisition Parameters
Date_               20140205
Time                   18.26
INSTRUM                avb400
PROBHD    5 mm PABBO BB/
PULPROG                 zg30
TD                     65536
SOLVENT                CDCl3
NS                        16
DS                         2
SWH                 8012.820 Hz
FIDRES              0.122266 Hz
AQ                  4.0894465 sec
RG                     78.07
DW                     62.400 usec
DE                      6.50 usec
TE                     298.0 K
D1                  1.00000000 sec
TD0                        1

======== CHANNEL f1 ========
SFO1              400.1320007 MHz
NUC1                       1H
P1                      10.00 usec
PLW1              14.58800030 W

F2 - Processing parameters
SI                     65536
SF                400.1300000 MHz
WDW                       EM
SSB       0
LB                      0.30 Hz
GB        0
PC                      1.00
```

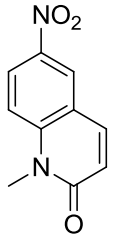


6,7-Bis(benzyloxy)-1-methyl-3,4-dihydroquinolin-2(1H)-one (308)

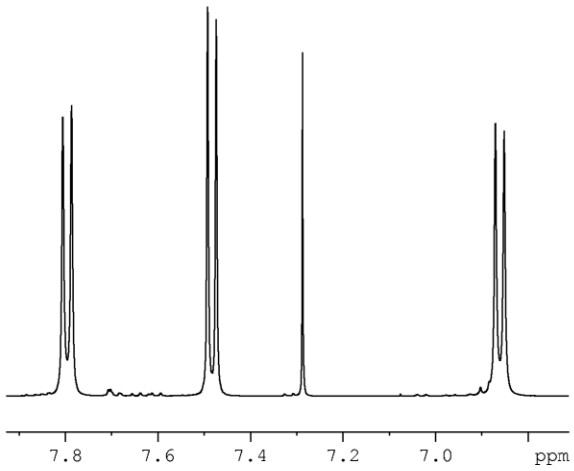



```
Current Data Parameters
NAME              tr4082
EXPNO                  2
PROCNO                 1

F2 - Acquisition Parameters
Date_           20140205
Time               22.21
INSTRUM           avb400
PROBHD   5 mm PABBO BB/
PULPROG           zgpg30
TD                 65536
SOLVENT            CDCl3
NS                  4096
DS                     4
SWH            24038.461 Hz
FIDRES          0.366798 Hz
AQ             1.3631488 sec
RG                197.74
DW                20.800 usec
DE                 6.50 usec
TE                298.0 K
D1            2.00000000 sec
D11           0.03000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         100.6228303 MHz
NUC1                13C
P1                10.00 usec
PLW1         60.95399857 W

======== CHANNEL f2 ========
SFO2         400.1316005 MHz
NUC2                1H
CPDPRG[2         waltz16
PCPD2             70.00 usec
PLW2         14.58800030 W
PLW12         0.29771000 W
PLW13         0.14588000 W

F2 - Processing parameters
SI                 32768
SF           100.6127690 MHz
WDW                   EM
SSB       0
LB                 1.00 Hz
GB        0
PC                 1.40
```

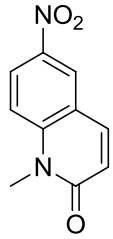
1-Methyl-6-nitroquinolin-2(1*H*)-one (310)




```
Current Data Parameters
NAME                 tr2021
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20140205
Time                  5.58
INSTRUM              avc500
PROBHD    5 mm CPDUL 13C
PULPROG                zg30
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        4
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719425 sec
RG                        4
DW                   48.400 usec
DE                   10.00 usec
TE                   298.0 K
D1              1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
SFO1           500.3030896 MHz
NUC1                   1H
P1                   15.00 usec
PLW1            7.99830008 W

F2 - Processing parameters
SI                    65536
SF             500.3000000 MHz
WDW                      EM
SSB       0
LB                    0.30 Hz
GB        0
PC                    1.00
```

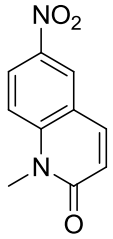


1-Methyl-6-nitroquinolin-2(1*H*)-one (310)

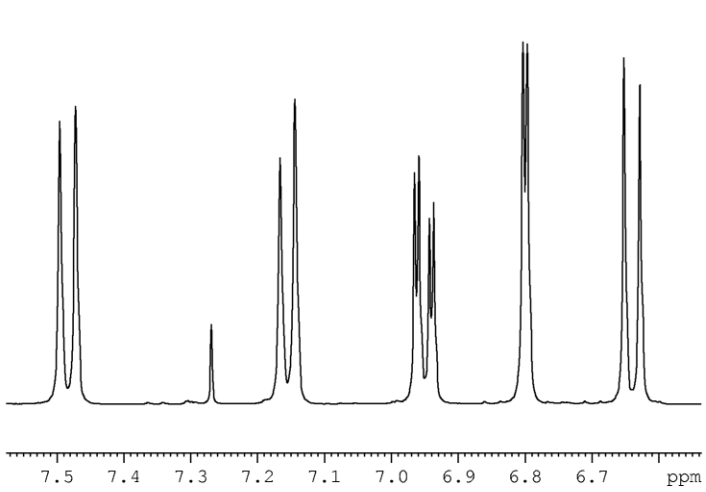



```
Current Data Parameters
NAME              tr2021
EXPNO                  4
PROCNO                 1

F2 - Acquisition Parameters
Date_           20140205
Time               6.46
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG          zgpg30
TD                65536
SOLVENT           CDCl3
NS                  512
DS                    2
SWH           31250.000 Hz
FIDRES         0.476837 Hz
AQ            1.0485760 sec
RG                  912
DW               16.000 usec
DE                18.00 usec
TE                298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
SFO1         125.8131151 MHz
NUC1                13C
P1                10.00 usec
PLW1         20.18400002 W

======== CHANNEL f2 ========
SFO2         500.3020012 MHz
NUC2                1H
CPDPRG[2         waltz16
PCPD2             80.00 usec
PLW2          7.99830008 W
PLW12         0.28119001 W
PLW13         0.17996000 W

F2 - Processing parameters
SI                 32768
SF           125.8005350 MHz
WDW                   EM
SSB       0
LB                 1.00 Hz
GB        0
PC                 1.40
```

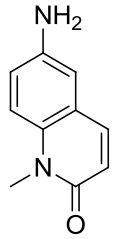
6-Amino-1-methylquinolin-2(1*H*)-one (311)



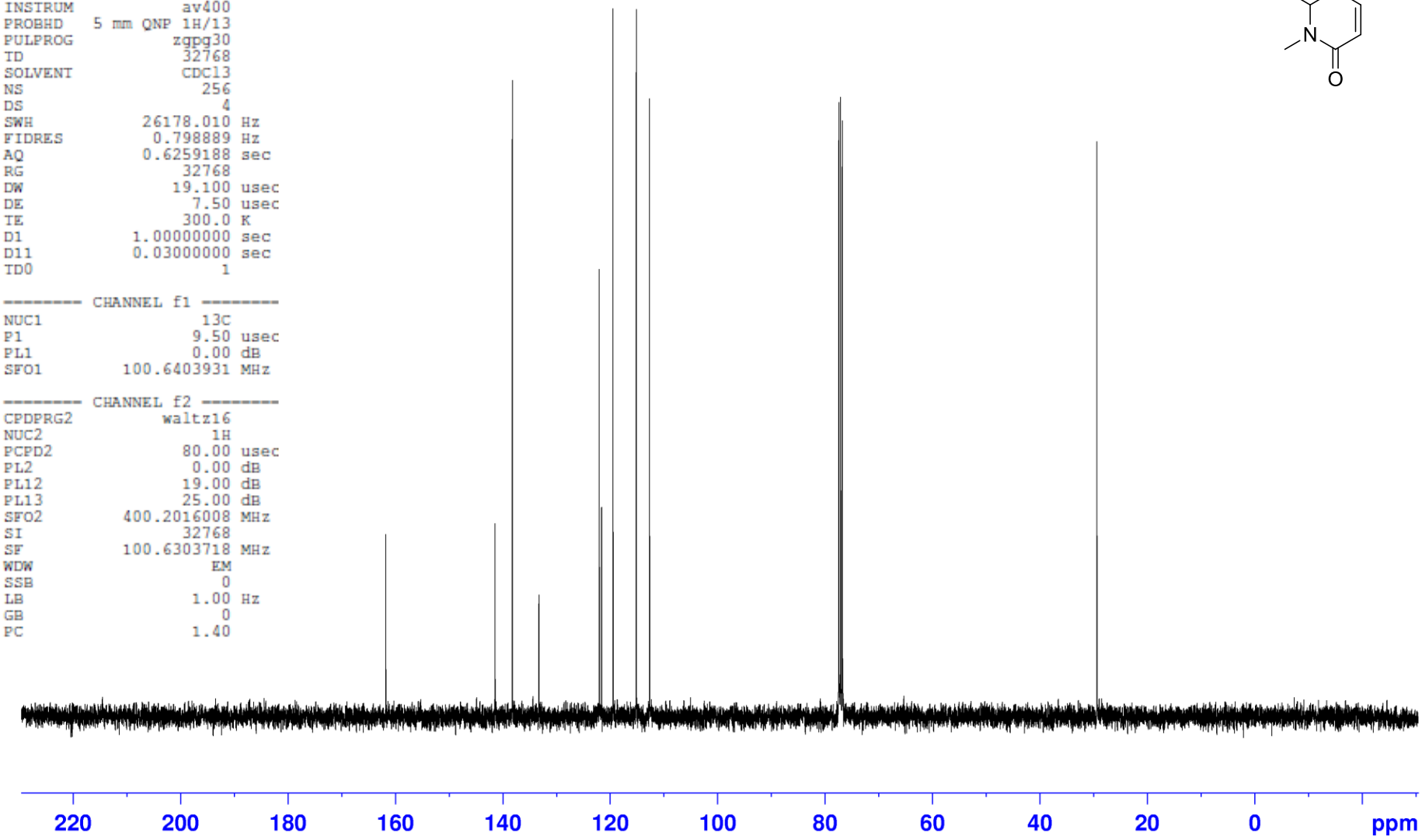

```
Current Data Parameters
NAME              tr2032
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20111110
Time               20.44
INSTRUM            av400
PROBHD    5 mm QNP 1H/13
PULPROG             zg60
TD                 65536
SOLVENT            CDCl3
NS                    16
DS                     2
SWH             8278.146 Hz
FIDRES          0.126314 Hz
AQ             3.9583745 sec
RG                  90.5
DW                60.400 usec
DE                 7.50 usec
TE                300.0 K
D1           1.00000000 sec

======== CHANNEL f1 ========
NUC1                  1H
P1                 9.00 usec
PL1       0 dB
SFO1         400.2024714 MHz

F2 - Processing parameters
SI                 32768
SF           400.2000028 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```



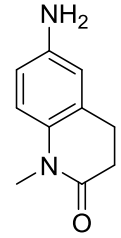
6-Amino-1-methylquinolin-2(1*H*)-one (311)



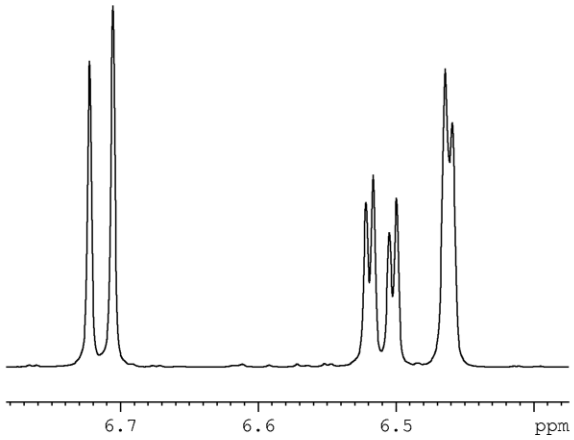

```
NAME       Nov10-2011-16
EXPNO                 2
PROCNO                1
Date_          20111110
Time              20.52
INSTRUM           av400
PROBHD   5 mm QNP 1H/13
PULPROG         zgpg30
TD                32768
SOLVENT           CDCl3
NS                  256
DS                    4
SWH           26178.010 Hz
FIDRES        0.798889 Hz
AQ            0.6259188 sec
RG                32768
DW               19.100 usec
DE                7.50 usec
TE               300.0 K
D1           1.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
NUC1                 13C
P1                  9.50 usec
PL1                 0.00 dB
SFO1        100.6403931 MHz

======== CHANNEL f2 ========
CPDPRG2          waltz16
NUC2                 1H
PCPD2              80.00 usec
PL2                 0.00 dB
PL12               19.00 dB
PL13               25.00 dB
SFO2        400.2016008 MHz
SI                32768
SF          100.6303718 MHz
WDW                  EM
SSB                   0
LB                 1.00 Hz
GB                    0
PC                 1.40
```



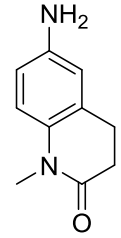
6-Amino-1-methyl-3,4-dihydroquinolin-2(1*H*)-one (312)




```
Current Data Parameters
NAME          tr2039-3a
EXPNO                 1
PROCNO                1

F2 - Acquisition Parameters
Date_          20140205
Time               7.24
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG             zg30
TD                 65536
SOLVENT            CDCl3
NS                    16
DS                     4
SWH            10330.578 Hz
FIDRES          0.157632 Hz
AQ             3.1719425 sec
RG                  3.56
DW                48.400 usec
DE                10.00 usec
TE                298.0 K
D1           1.00000000 sec
TD0                   1

======== CHANNEL f1 ========
SFO1         500.3030896 MHz
NUC1                1H
P1                15.00 usec
PLW1          7.99830008 W

F2 - Processing parameters
SI                 65536
SF           500.3000461 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```

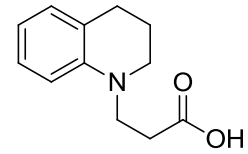


6-Amino-1-methyl-3,4-dihydroquinolin-2(1*H*)-one (312)

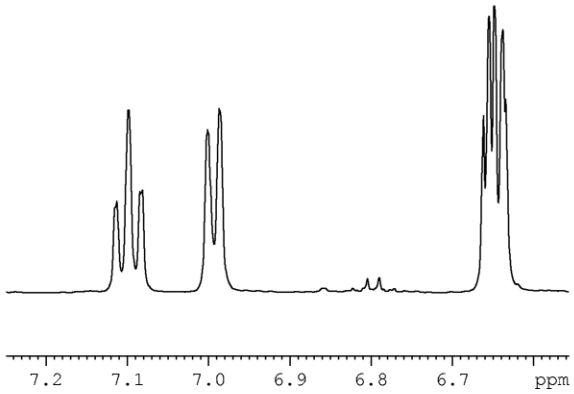



```
Current Data Parameters
NAME          tr2039-3a
EXPNO                 4
PROCNO                1

F2 - Acquisition Parameters
Date_          20140205
Time               8.12
INSTRUM          avc500
PROBHD   5 mm CPDUL 13C
PULPROG          zgpg30
TD                65536
SOLVENT           CDCl3
NS                  512
DS                    2
SWH           31250.000 Hz
FIDRES         0.476837 Hz
AQ            1.0485760 sec
RG                  912
DW               16.000 usec
DE                18.00 usec
TE                298.0 K
D1           2.00000000 sec
D11          0.03000000 sec
TD0                   1

======== CHANNEL f1 ========
SFO1        125.8131151 MHz
NUC1                13C
P1                10.00 usec
PLW1        20.18400002 W

======== CHANNEL f2 ========
SFO2        500.3020012 MHz
NUC2                1H
CPDPRG[2         waltz16
PCPD2             80.00 usec
PLW2          7.99830008 W
PLW12         0.28119001 W
PLW13         0.17996000 W

F2 - Processing parameters
SI                32768
SF          125.8005350 MHz
WDW                  EM
SSB       0
LB                1.00 Hz
GB        0
PC                1.40
```

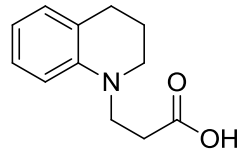
3-(3,4-dihydroquinolin-1(2*H*)-yl)propanoic acid (313)



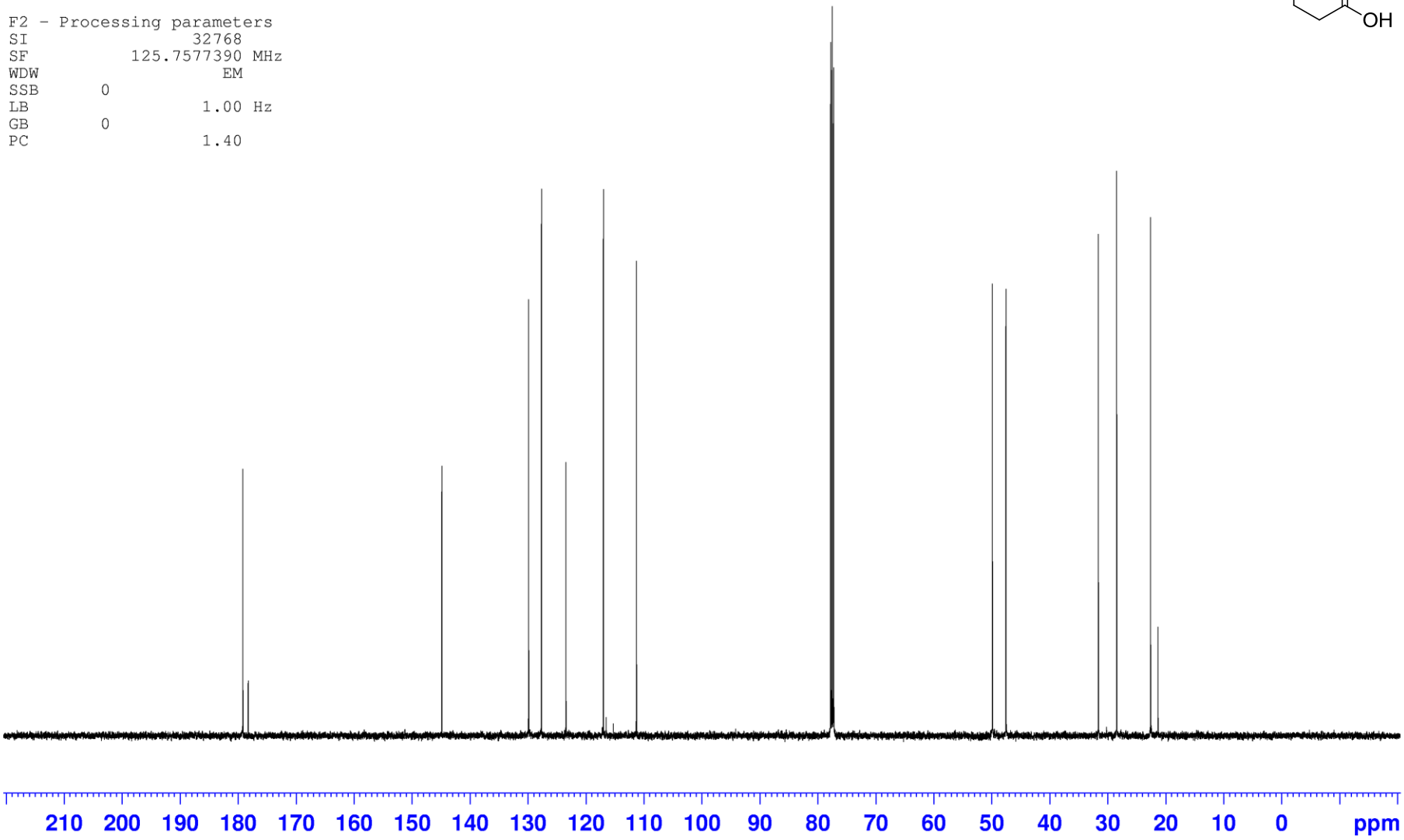

```
Current Data Parameters
NAME                 tr2027
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20140204
Time                 19.50
INSTRUM              drx500
PROBHD    5 mm PABBO BB/
PULPROG                zg60
TD                    65536
SOLVENT               CDCl3
NS                       16
DS                        2
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719425 sec
RG                       32
DW                  48.400 usec
DE                  17.00 usec
TE                  297.7 K
D1              1.00000000 sec

======== CHANNEL f1 ========
NUC1                      1H
P1                  11.00 usec
PL1       0 dB
SFO1           500.1325007 MHz

F2 - Processing parameters
SI                    32768
SF             500.1300237 MHz
WDW                      EM
SSB       0
LB                   0.30 Hz
GB        0
PC                   1.00
```



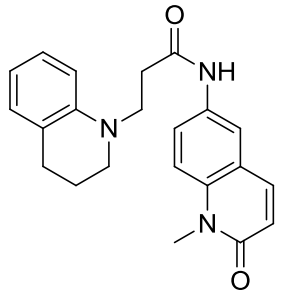
3-(3,4-dihydroquinolin-1(2*H*)-yl)propanoic acid (313)



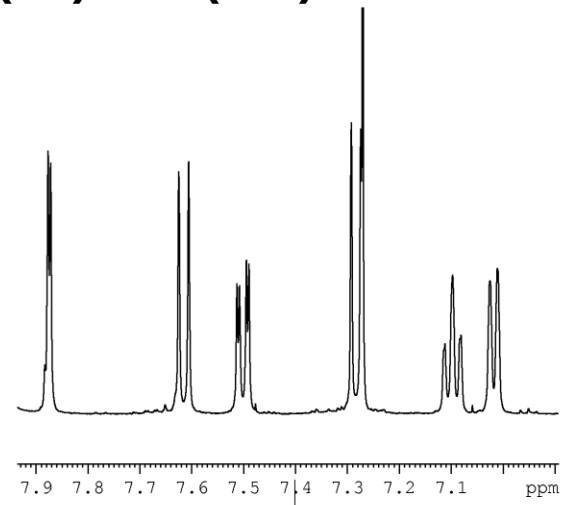

```
Current Data Parameters
NAME              tr2027
EXPNO                  3
PROCNO                 1

F2 - Processing parameters
SI                 32768
SF          125.7577390 MHz
WDW                   EM
SSB       0
LB                 1.00 Hz
GB        0
PC                 1.40
```



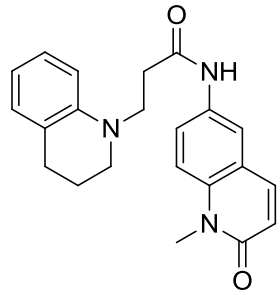
6-{[3-(3,4-dihydroquinolin-1(2*H*)-yl)propanoyl]amino}-1-methylquinolin-2(1*H*)-one (314)



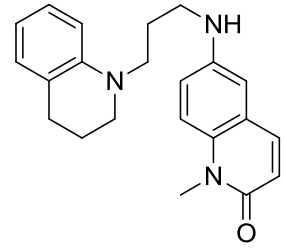

```
Current Data Parameters
NAME                 tr2035
EXPNO                     1
PROCNO                    1

F2 - Acquisition Parameters
Date_              20140203
Time                 11.30
INSTRUM              avc500
PROBHD    5 mm CPDUL 13C
PULPROG                zg30
TD                    65536
SOLVENT               CDC13
NS                       16
DS                        4
SWH              10330.578 Hz
FIDRES            0.157632 Hz
AQ               3.1719425 sec
RG                        2
DW                  48.400 usec
DE                  10.00 usec
TE                  298.0 K
D1              1.00000000 sec
TD0                       1

======== CHANNEL f1 ========
SFO1           500.3030896 MHz
NUC1                   1H
P1                  15.00 usec
PLW1            7.99830008 W

F2 - Processing parameters
SI                    65536
SF             500.3000085 MHz
WDW                      EM
SSB       0
LB                   0.30 Hz
GB        0
PC                   1.00
```



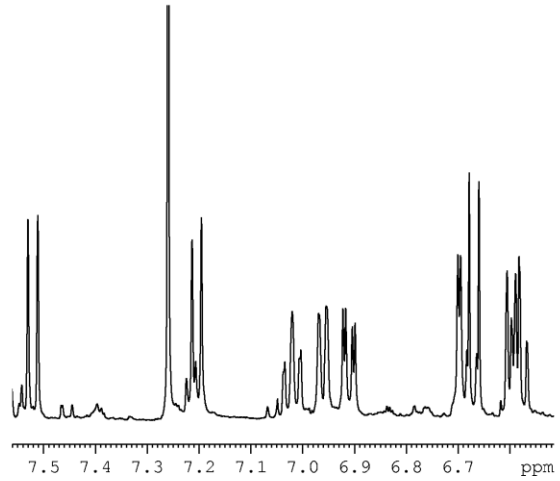
6-{[3-(3,4-dihydroquinolin-1(2*H*)-yl)propanoyl]amino}-1-methylquinolin-2(1*H*)-one (314)

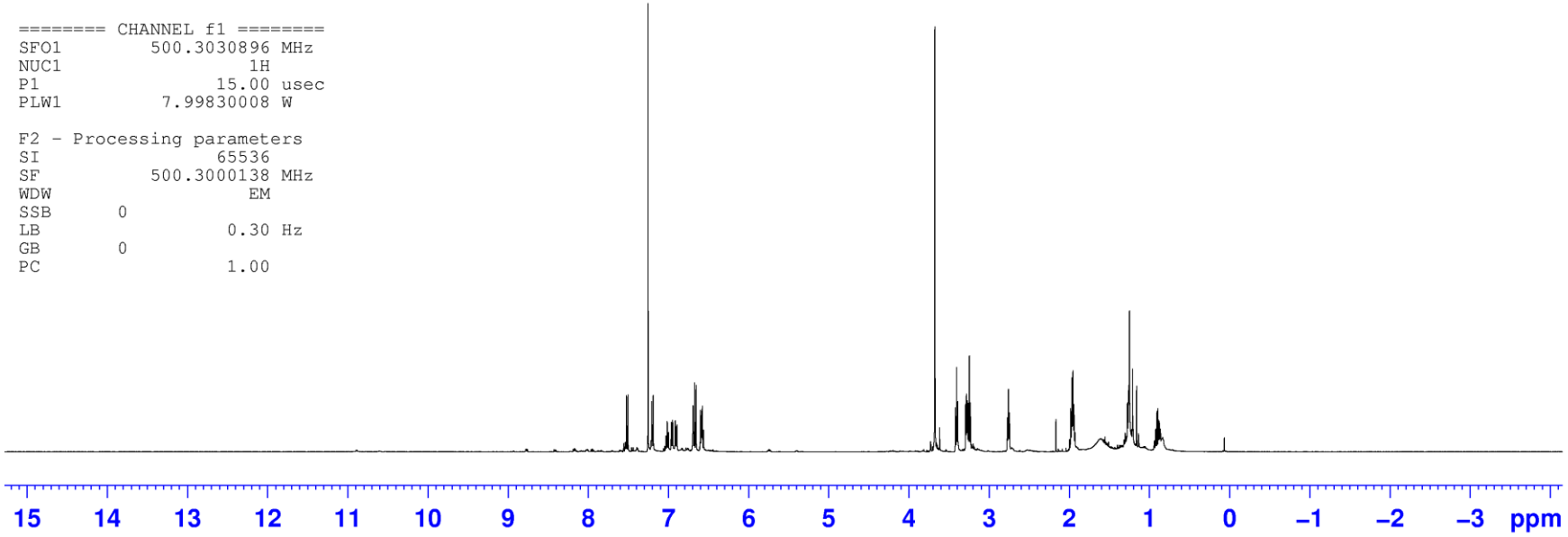


6-{[3-(3,4-dihydroquinolin-1(2*H*)-yl)propyl]amino}-1-methylquinolin-2(1*H*)-one (316)

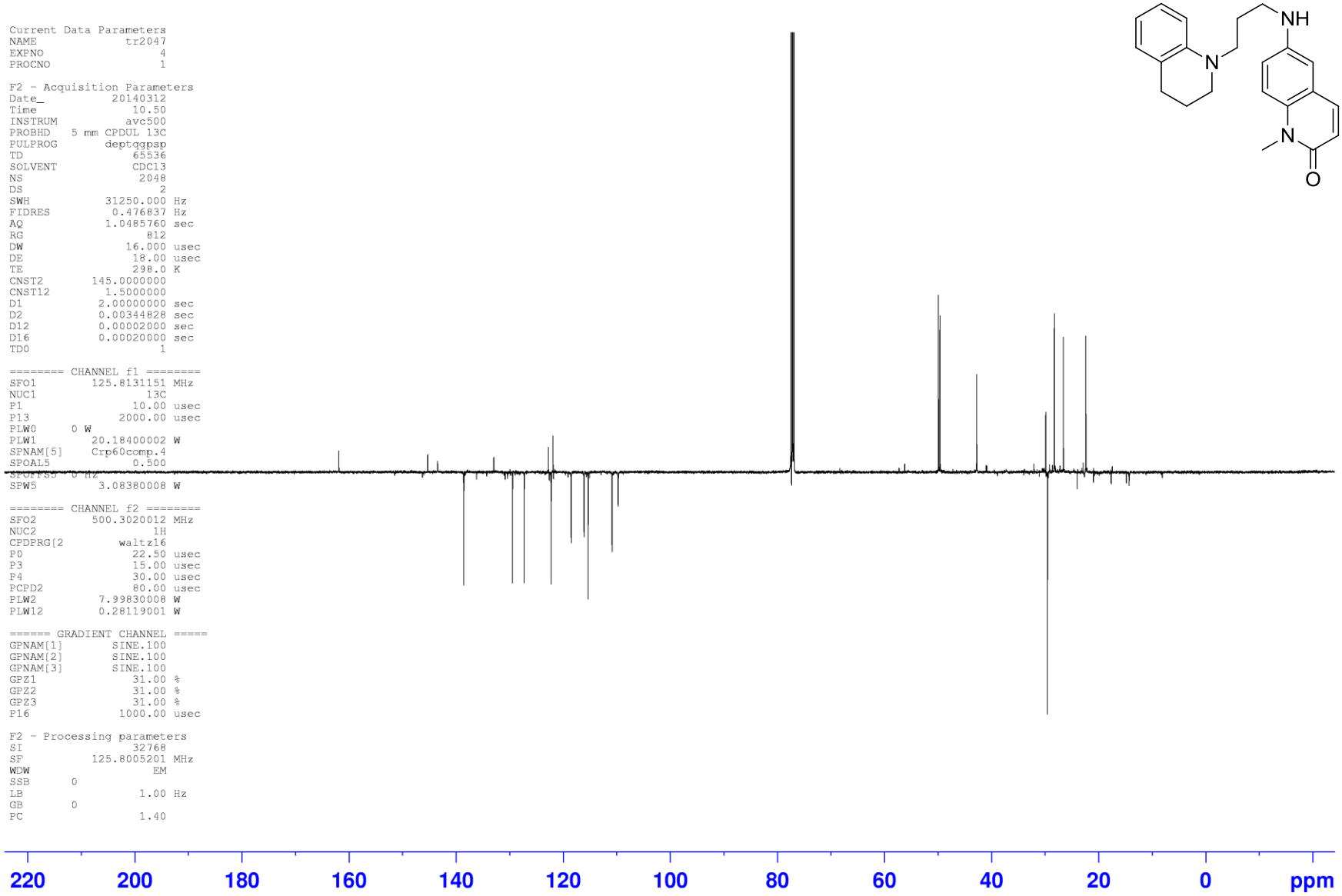



```
Current Data Parameters
NAME              tr2047
EXPNO                  1
PROCNO                 1

F2 - Acquisition Parameters
Date_           20140312
Time               10.25
INSTRUM           avc500
PROBHD   5 mm CPDUL 13C
PULPROG             zg30
TD                 65536
SOLVENT            CDCl3
NS                    16
DS                     4
SWH            10330.578 Hz
FIDRES          0.157632 Hz
AQ             3.1719425 sec
RG                     4
DW                48.400 usec
DE                10.00 usec
TE                298.0 K
D1            1.00000000 sec
TD0                    1

======== CHANNEL f1 ========
SFO1         500.3030896 MHz
NUC1                   1H
P1                 15.00 usec
PLW1          7.99830008 W

F2 - Processing parameters
SI                 65536
SF            500.3000138 MHz
WDW                   EM
SSB       0
LB                 0.30 Hz
GB        0
PC                 1.00
```





6-{[3-(3,4-dihydroquinolin-1(2*H*)-yl)propyl]amino}-1-methylquinolin-2(1*H*)-one (316)




```
Current Data Parameters
NAME                 tr2047
EXPNO                     4
PROCNO                    1

F2 - Acquisition Parameters
Date_             20140312
Time                 10.50
INSTRUM              avc500
PROBHD    5 mm CPDUL 13C
PULPROG          deptqgpsp
TD                   65536
SOLVENT              CDCl3
NS                    2048
DS                       2
SWH              31250.000 Hz
FIDRES           0.476837 Hz
AQ               1.0485760 sec
RG                     812
DW                  16.000 usec
DE                  18.00 usec
TE                  298.0 K
CNST2           145.0000000
CNST12            1.5000000
D1                2.00000000 sec
D2                0.00344828 sec
D12               0.00002000 sec
D16               0.00020000 sec
TD0                       1

======== CHANNEL f1 ========
SFO1            125.8131151 MHz
NUC1                    13C
P1                   10.00 usec
P13                2000.00 usec
PLW0       0 W
PLW1         20.18400002 W
SPNAM[5]     Crp60comp.4
SPOAL5             0.500
SPOFFS5       0 Hz
SPW5          3.08380008 W

======== CHANNEL f2 ========
SFO2            500.3020012 MHz
NUC2                    1H
CPDPRG[2          waltz16
P0                   22.50 usec
P3                   15.00 usec
P4                   30.00 usec
PCPD2                80.00 usec
PLW2           7.99830008 W
PLW12          0.28119001 W

====== GRADIENT CHANNEL =====
GPNAM[1]         SINE.100
GPNAM[2]         SINE.100
GPNAM[3]         SINE.100
GPZ1                31.00 %
GPZ2                31.00 %
GPZ3                31.00 %
P16               1000.00 usec

F2 - Processing parameters
SI                   32768
SF              125.8005201 MHz
WDW                     EM
SSB       0
LB                   1.00 Hz
GB        0
PC                   1.40
```