Supporting Information

Preparation and biological evaluation of leucomycin analogs derived from nitroso Diels–Alder reactions

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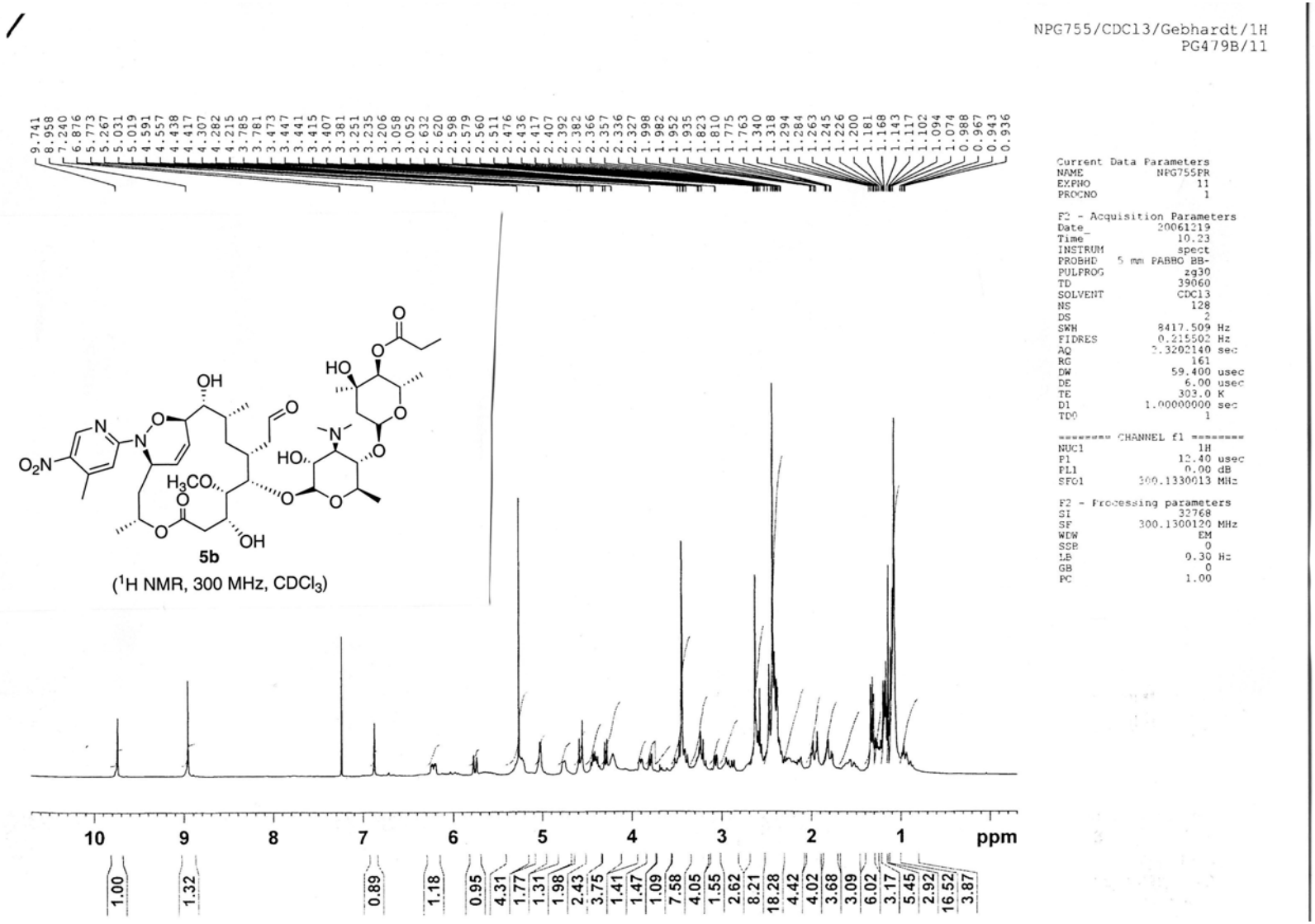
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8.958
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5.267
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5.019
4.591
4.557
4.438
4.417
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3.785
3.781
3.473
3.447
3.441
3.415
3.407
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3.251
3.235
3.206
3.058
3.052
2.632
2.620
2.598
2.579
2.560
2.511
2.476
2.436
2.417
2.407
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2.366
2.357
2.336
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1.998
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1.952
1.935
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1.245
1.226
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1.168
1.143
1.117
1.102
1.094
1.074
0.988
0.967
0.943
0.936
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PROCNO 1
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PULPROG zg30
TD 39060
SOLVENT CDCl3
NS 128
DS 2
SWH 8417.509 Hz
FIDRES 0.215502 Hz
AQ 2.3202140 sec
RG 161
DW 59.400 usec
DE 6.00 usec
TE 303.0 K
D1 1.00000000 sec
TD0 1
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NUC1 1H
P1 12.40 usec
PL1 0.00 dB
SFO1 300.1330013 MHz
F2 - Processing parameters
SI 32768
SF 300.1300120 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00
OH
HO
O
N
O2N
H3CO
HO
OH
5b
(1H NMR, 300 MHz, CDCl3)
10
9
8
7
6
5
4
3
2
1
ppm
1.00
1.32
0.89
1.18
0.95
4.31
1.77
1.31
1.98
2.43
3.75
1.41
1.47
1.09
7.58
4.05
1.55
2.62
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3.09
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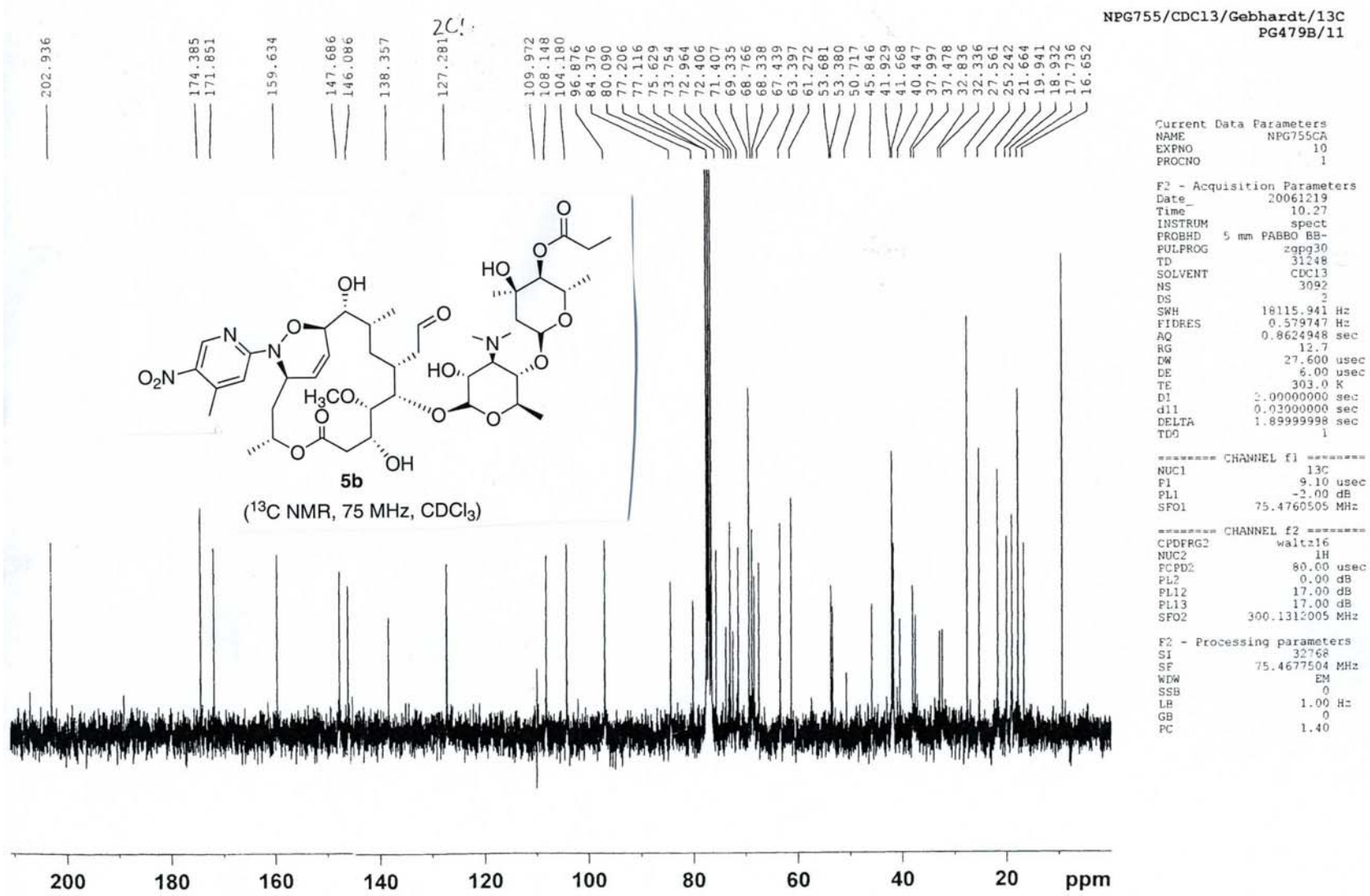
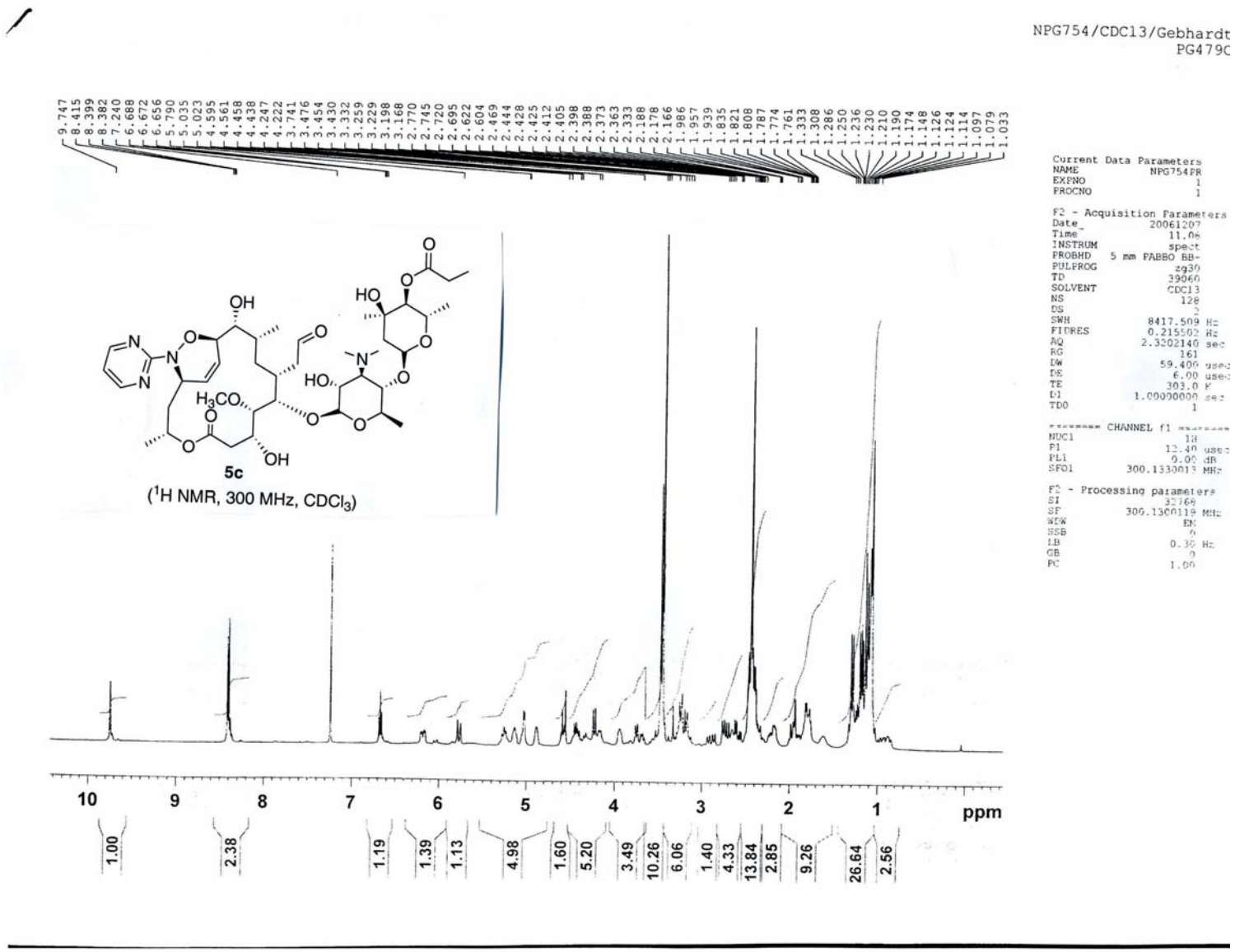
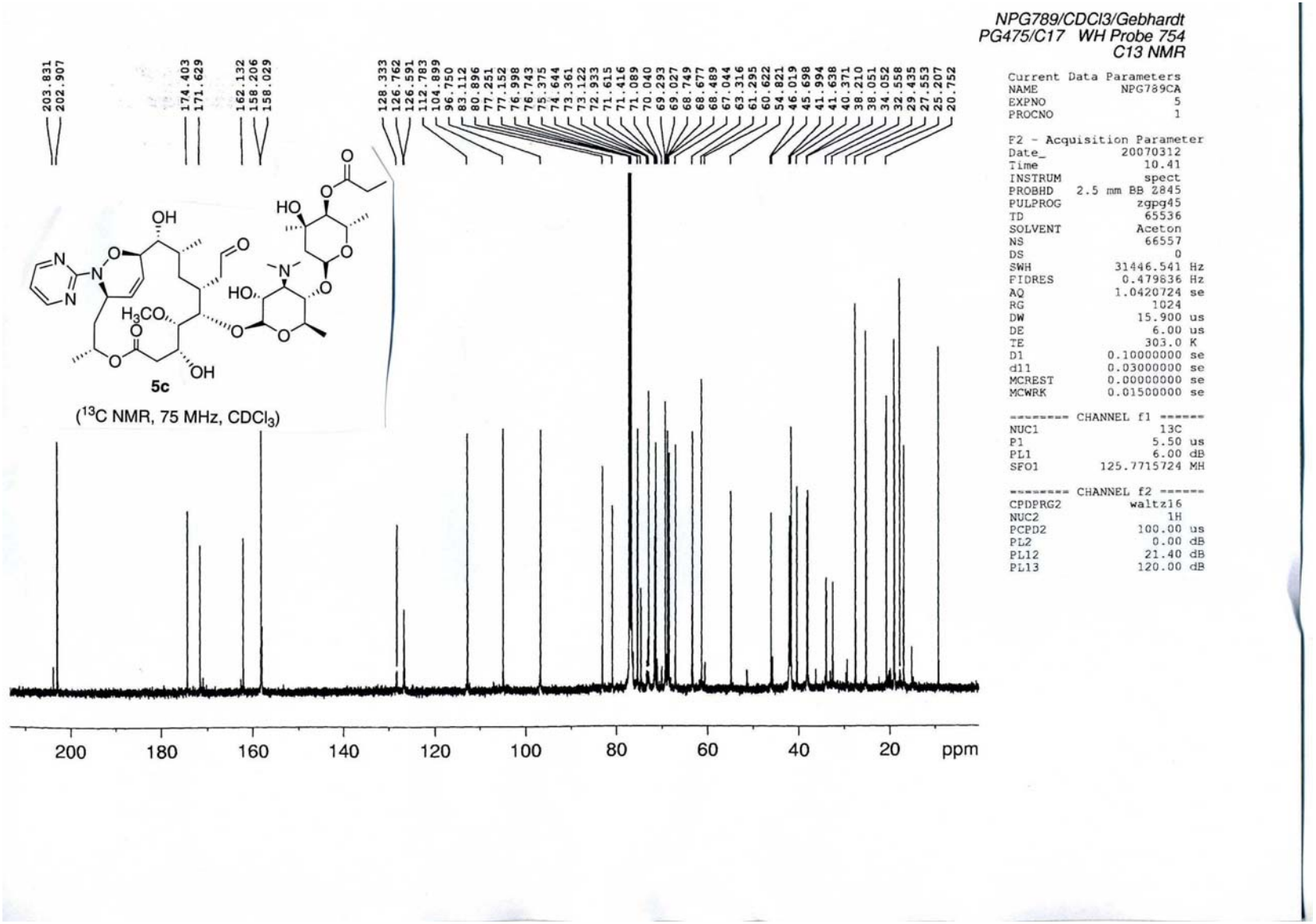
3.87







NPG789/CDCl3/Gebhardt
PG475/C17 WH Probe 754
C13 NMR

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PROCNO	1
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SOLVENT	Aceton
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FIDRES	0.479836 Hz
AQ	1.0420724 se
RG	1024
DW	15.900 us
DE	6.00 us
TE	303.0 K
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d11	0.03000000 se
MCREST	0.00000000 se
MCWRK	0.01500000 se
======== CHANNEL f1 ======	
NUC1	13C
P1	5.50 us
PL1	6.00 dB
SFO1	125.7715724 MH
======== CHANNEL f2 ======	
CPDPRG2	waltz16
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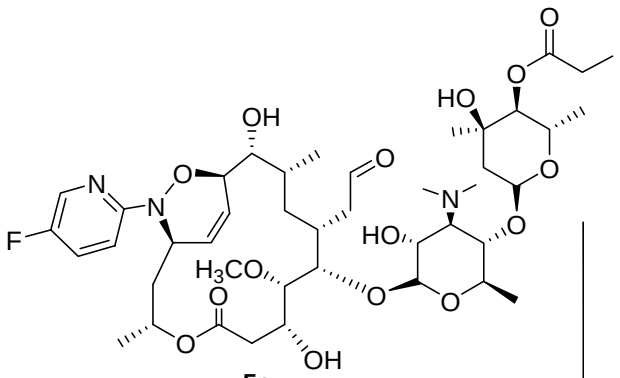
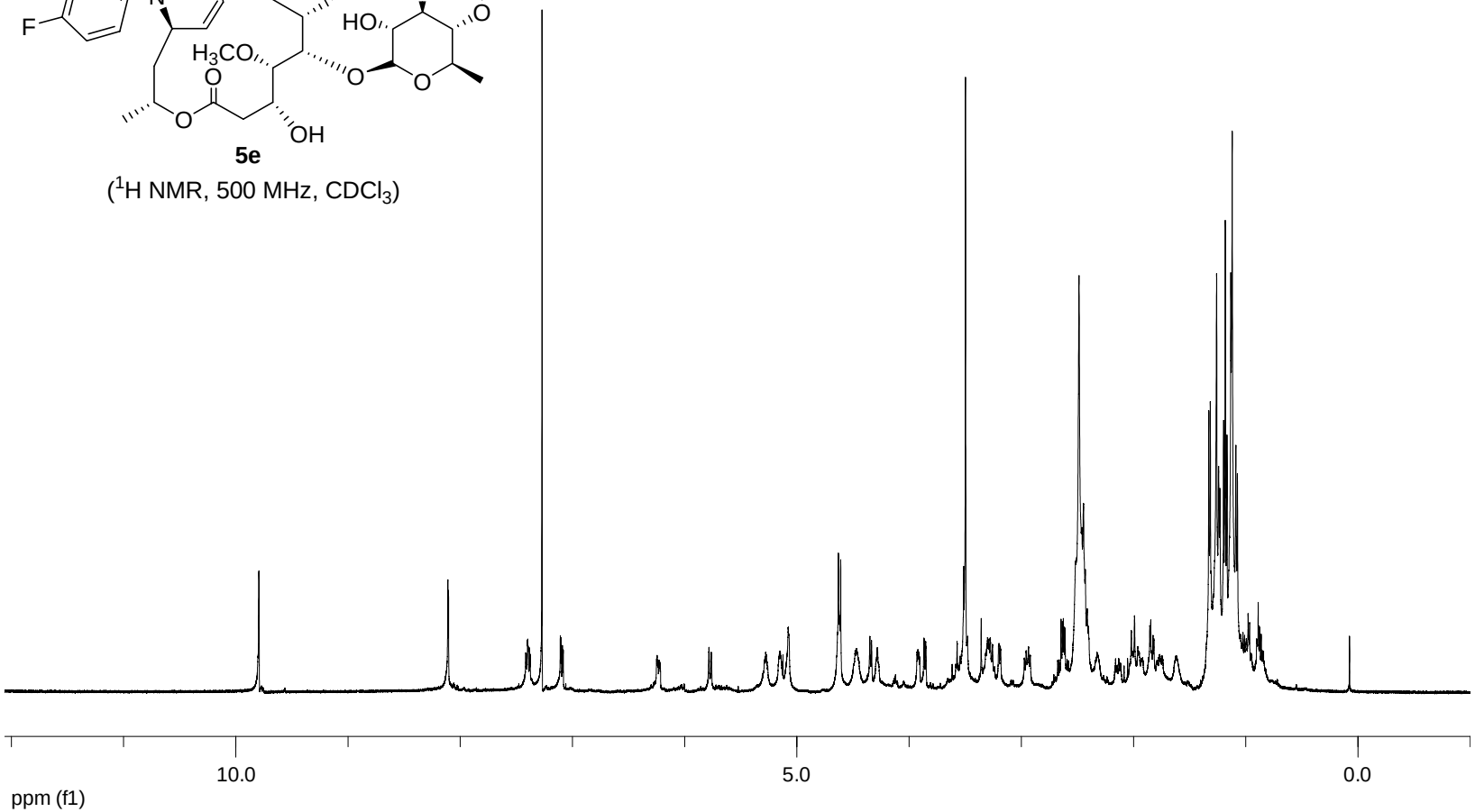
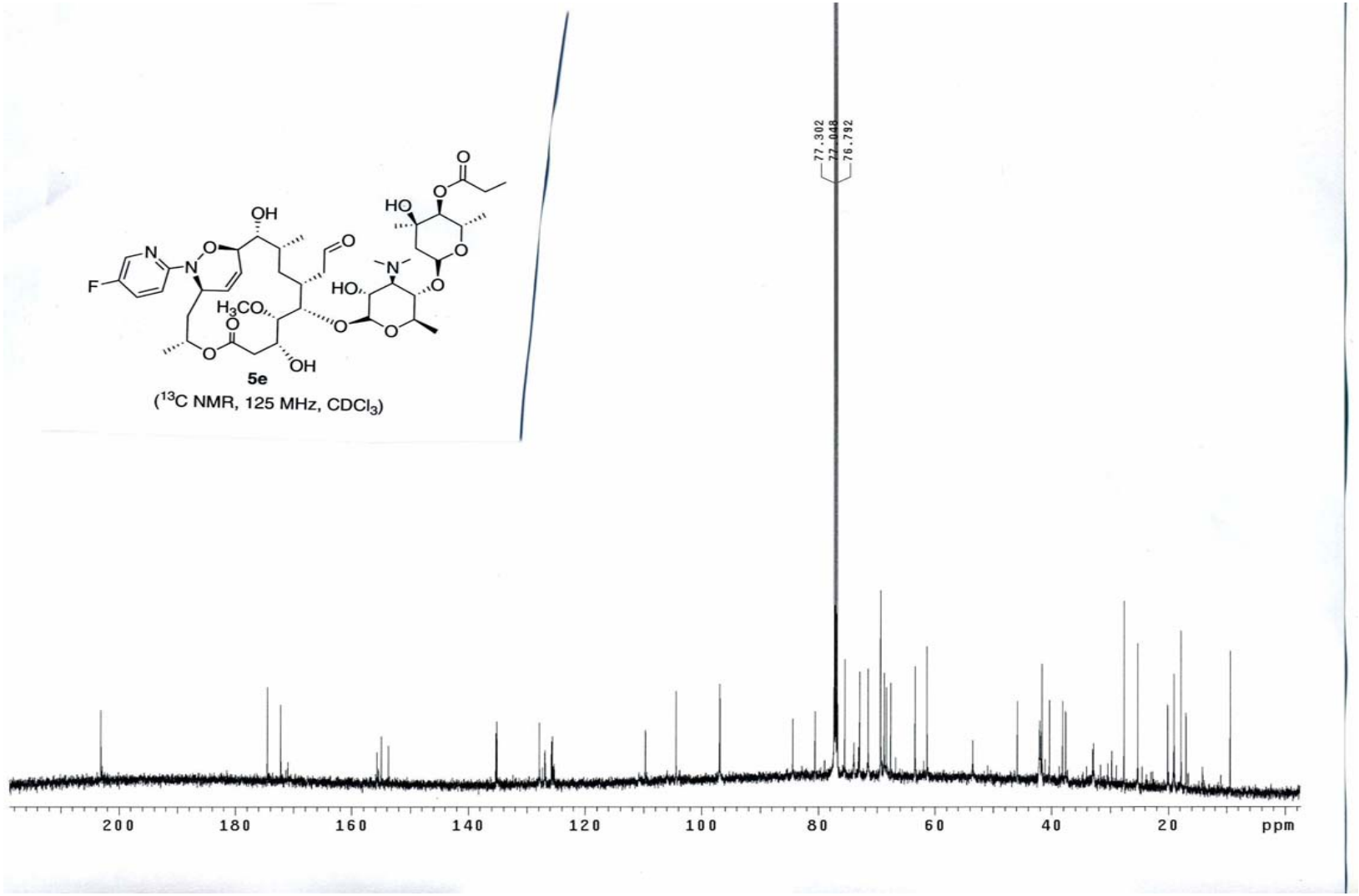
PL13	120.00 dB



5e

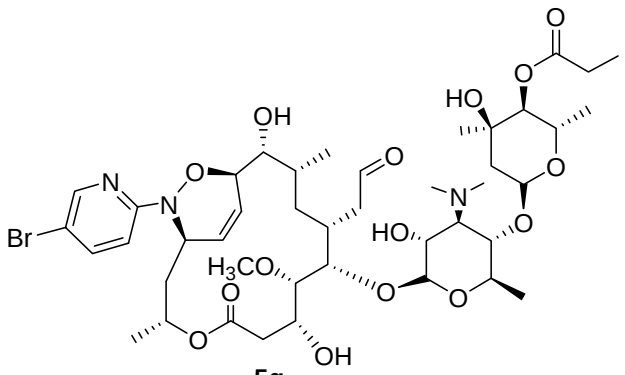
(^{1}H NMR, 500 MHz, $CDCl_3$)





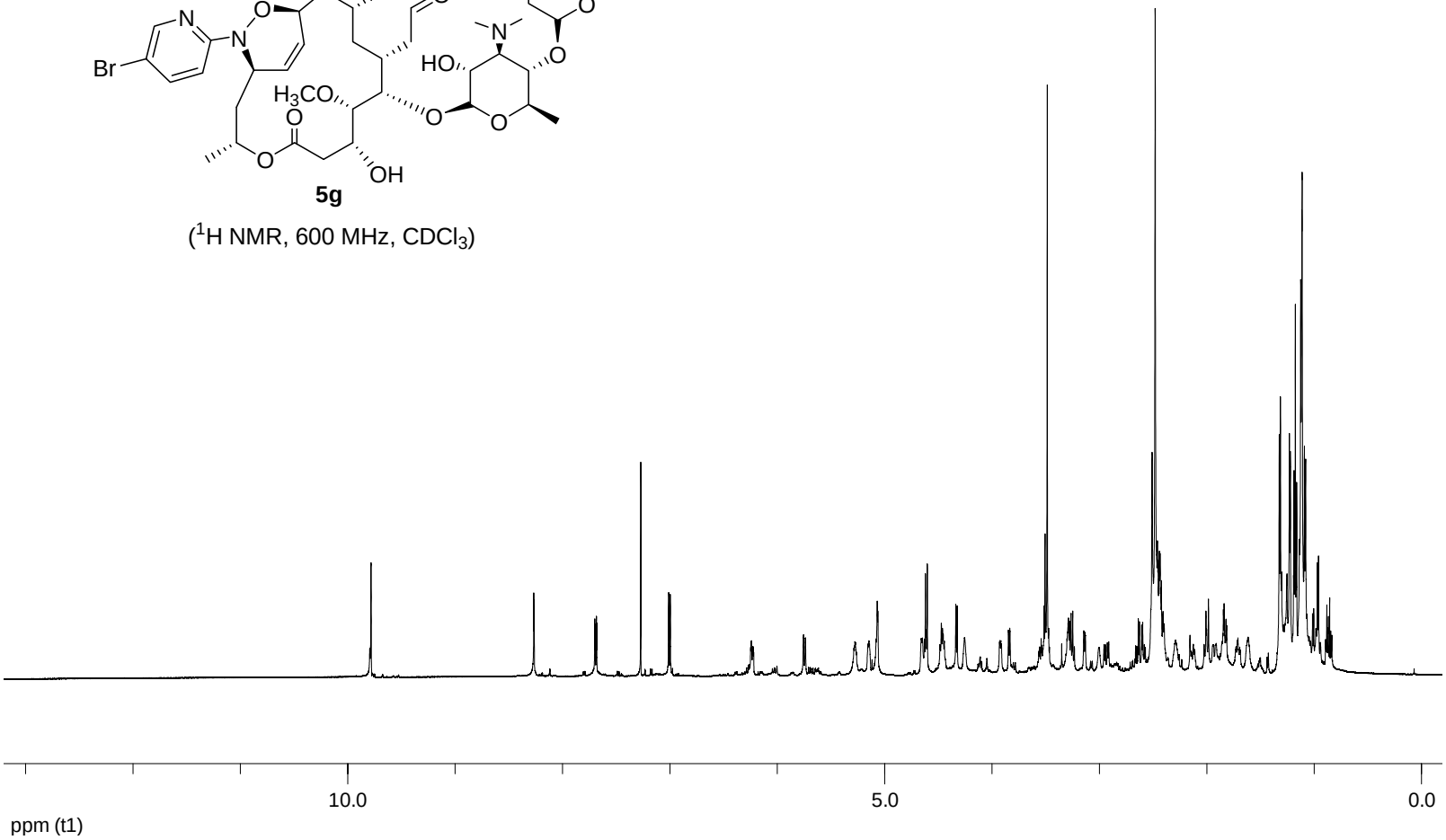
5e

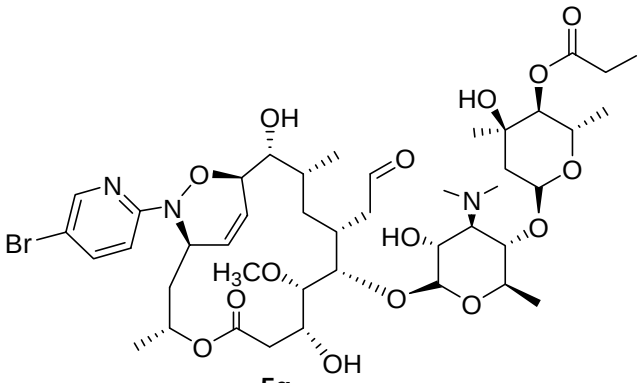
(^{13}C NMR, 125 MHz, $CDCl_3$)



5g

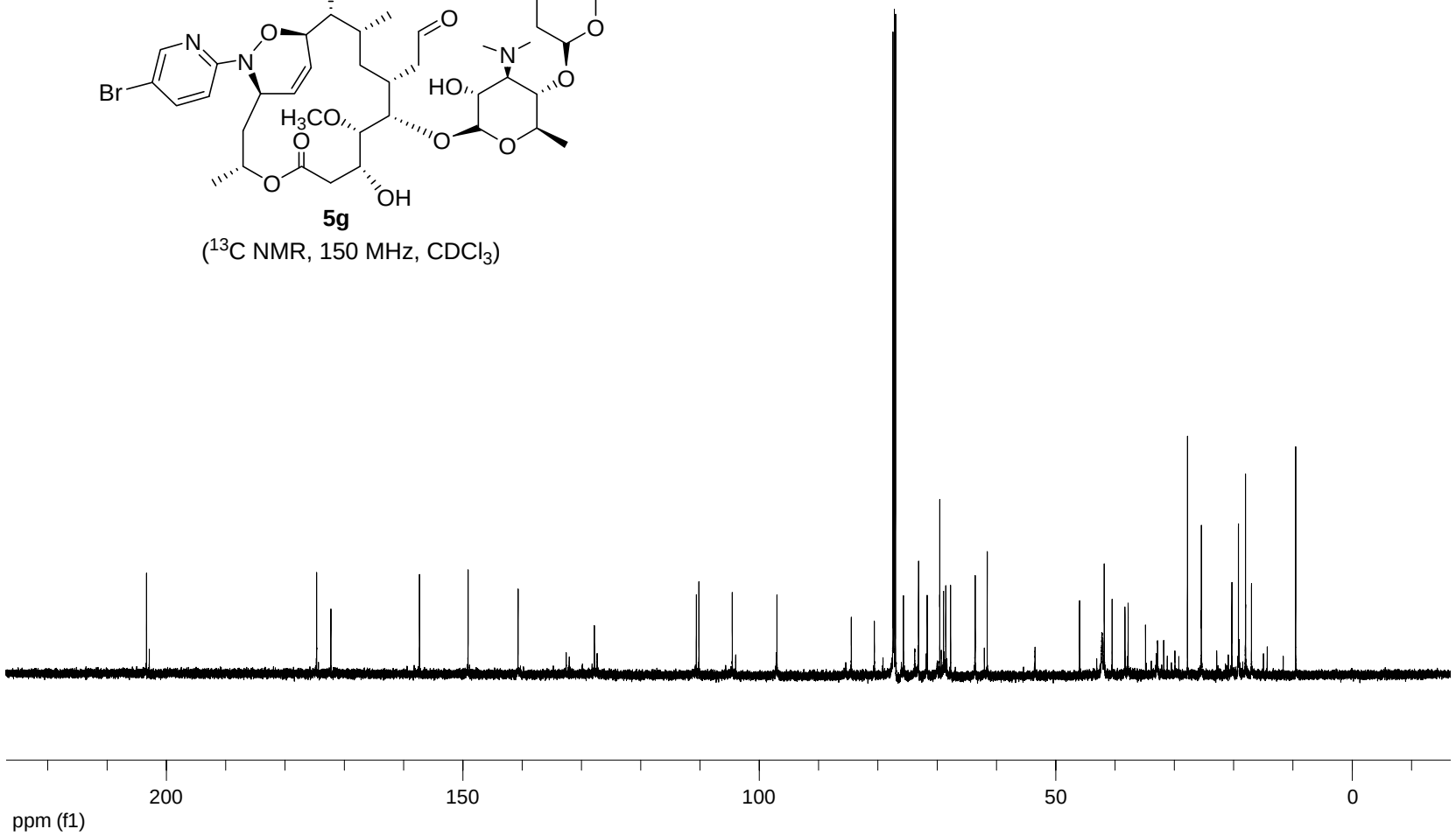
(^{1}H NMR, 600 MHz, $CDCl_3$)

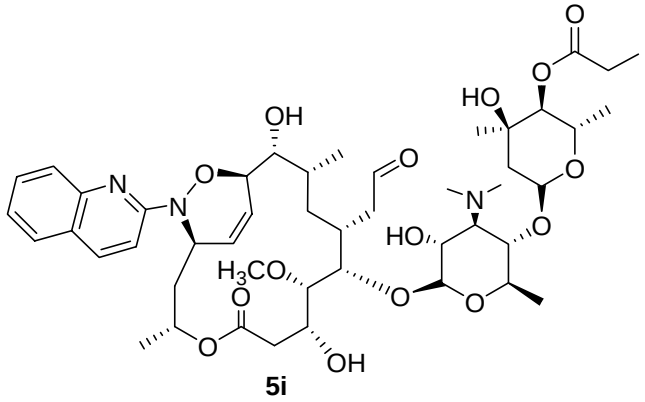




5g

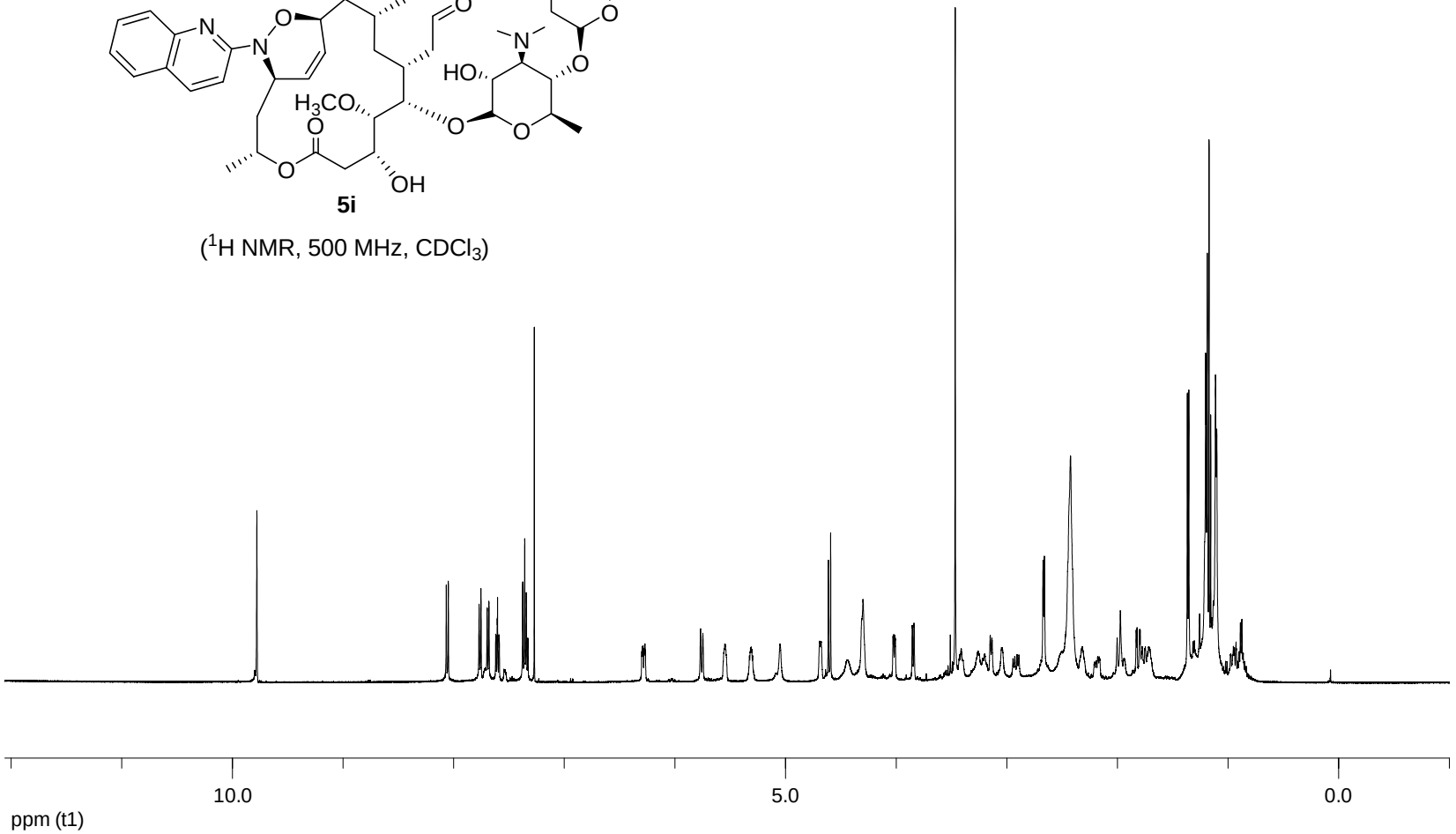
(^{13}C NMR, 150 MHz, $CDCl_3$)





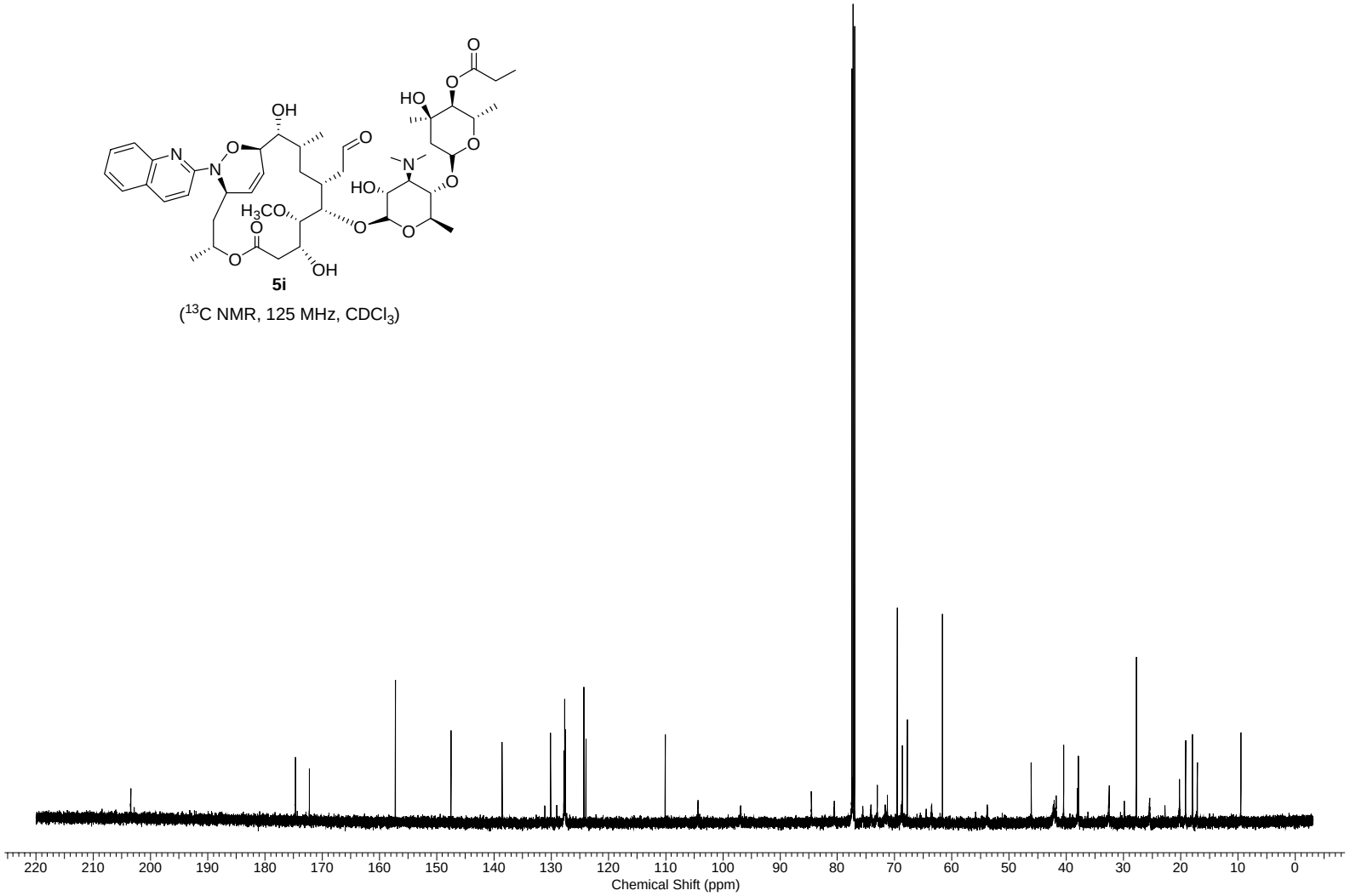
5i

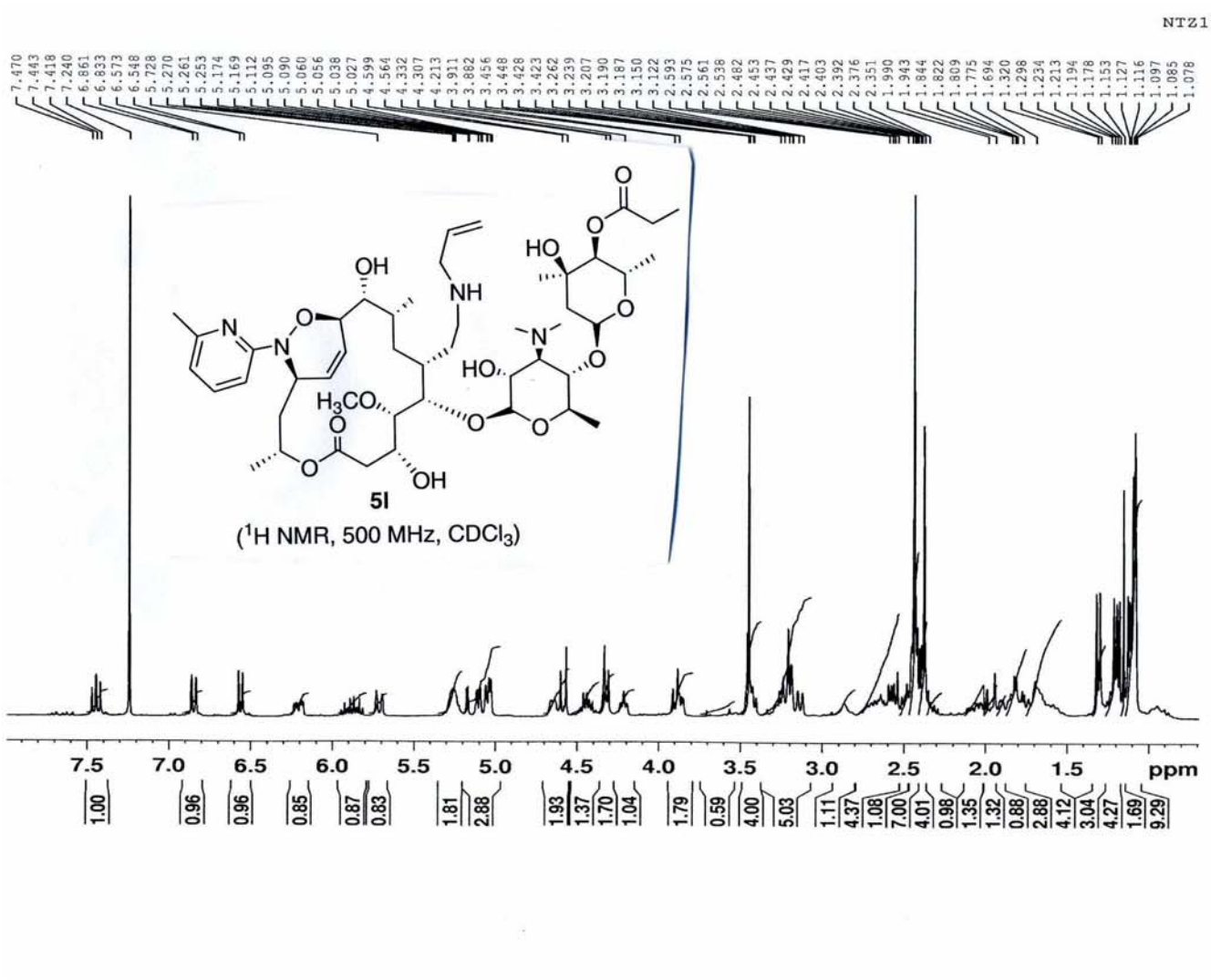
(^{1}H NMR, 500 MHz, $CDCl_3$)



5i

(^{13}C NMR, 125 MHz, $CDCl_3$)



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SWH                8417.509 Hz
FIDRES             0.215502 Hz
AQ                 2.3202140 sec
RG                      456
DW                  59.400 usec
DE                   6.00 usec
TE                   303.0 K
D1                1.00000000 sec
TD0                         1

======== CHANNEL f1 ========
NUC1                       1H
P1                      12.40 usec
PL1                      0.00 dB
SFO1           300.1330013 MHz

F2 - Processing parameters
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SF             300.1300120 MHz
WDW                        EM
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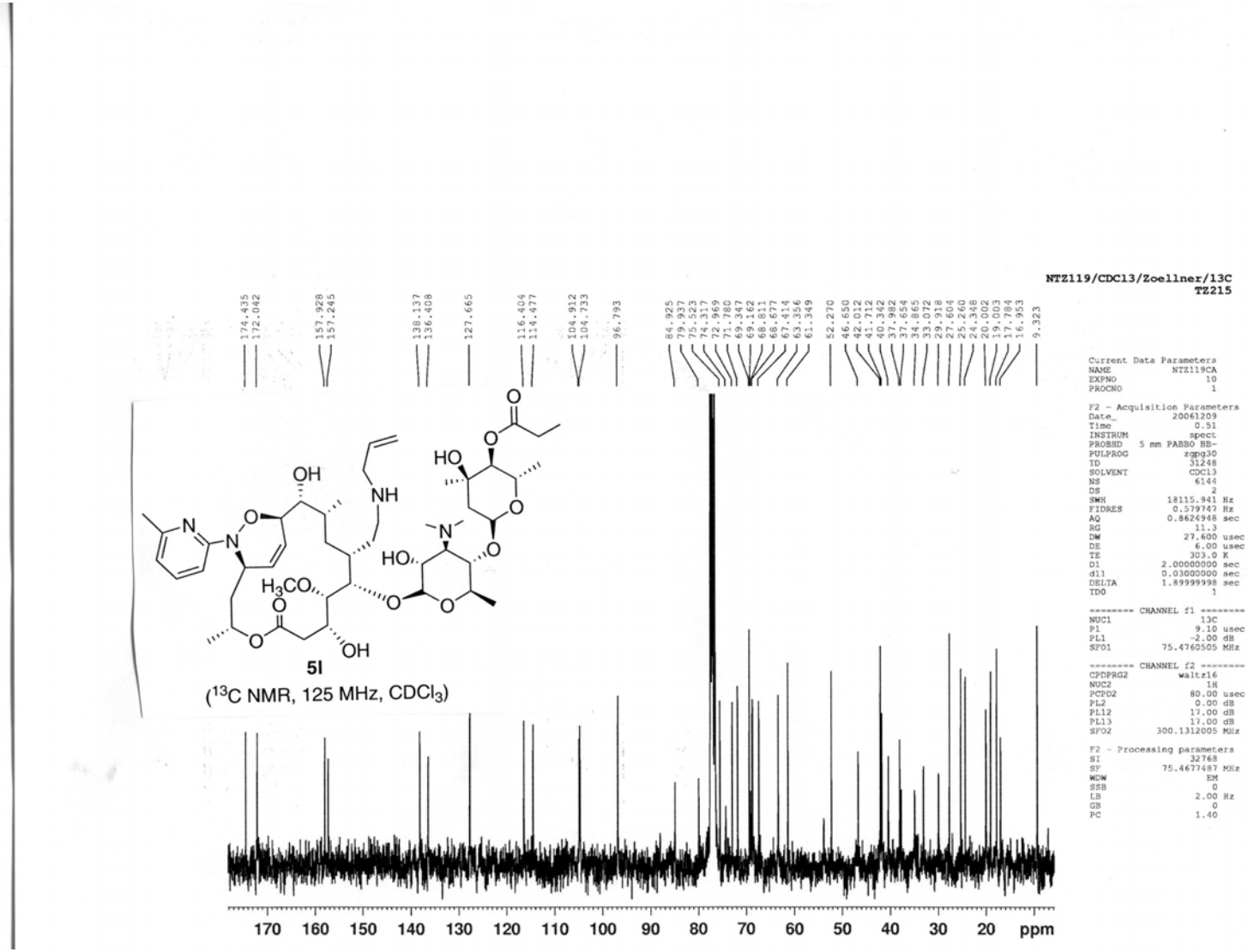
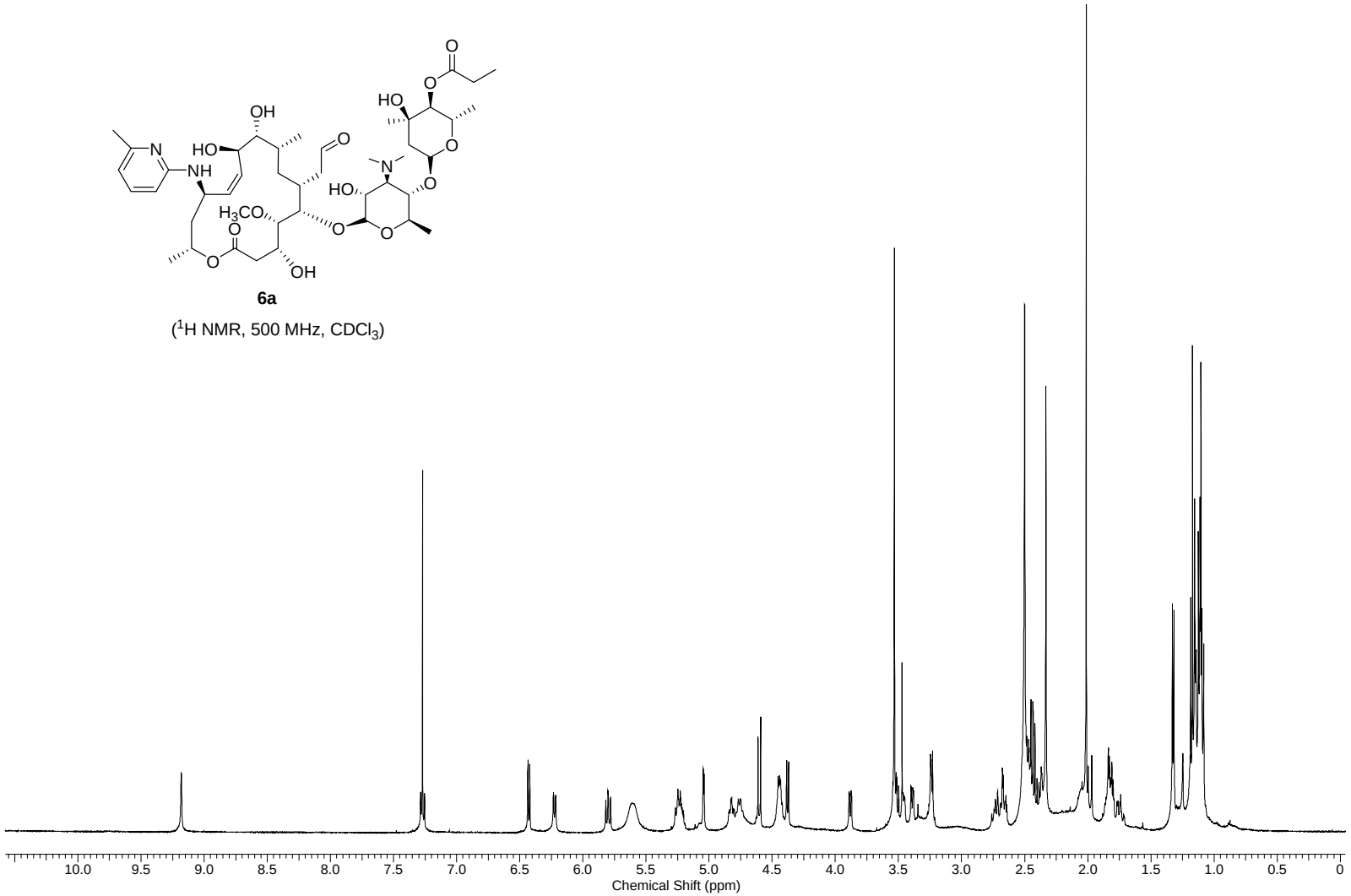
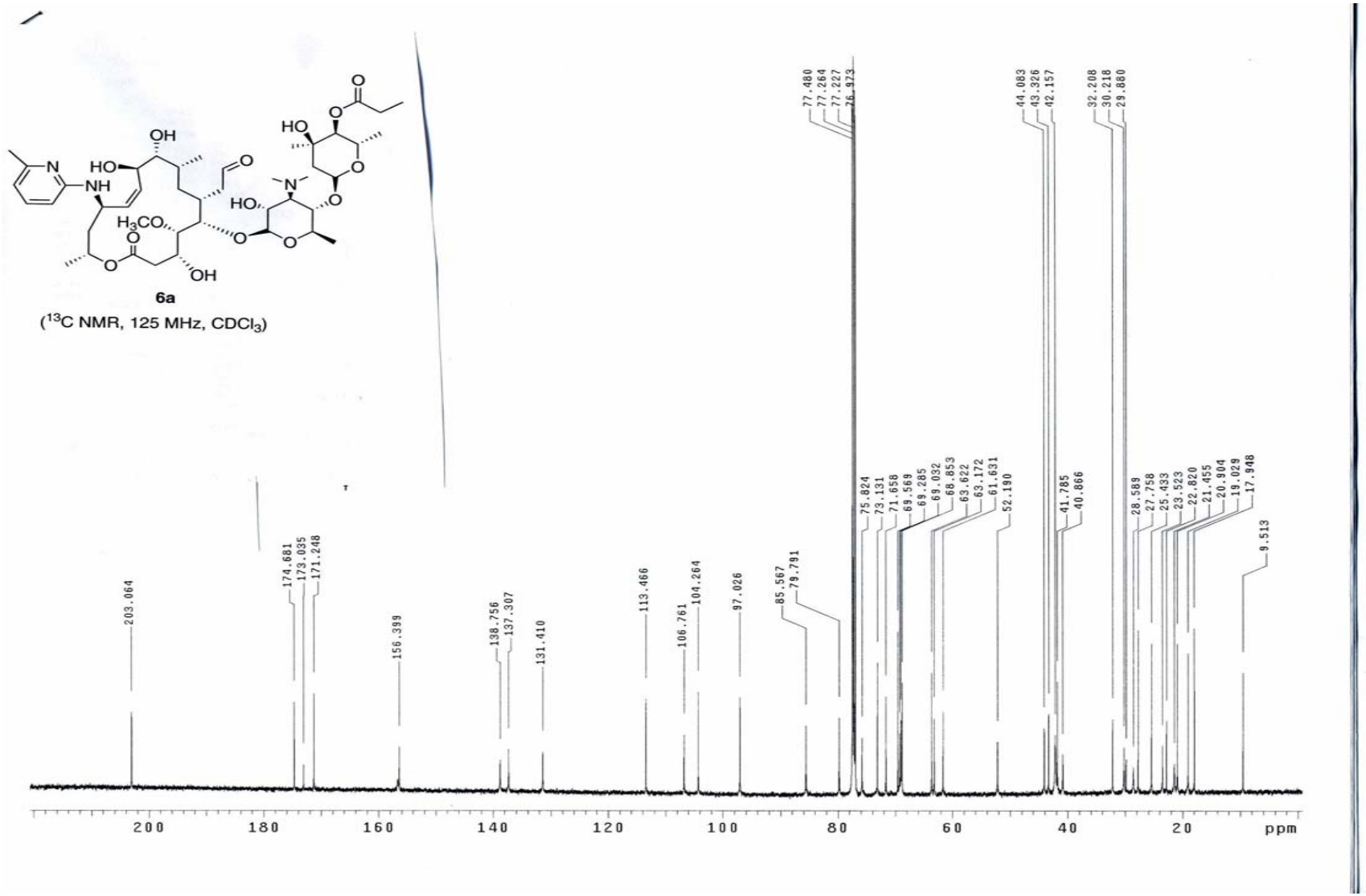
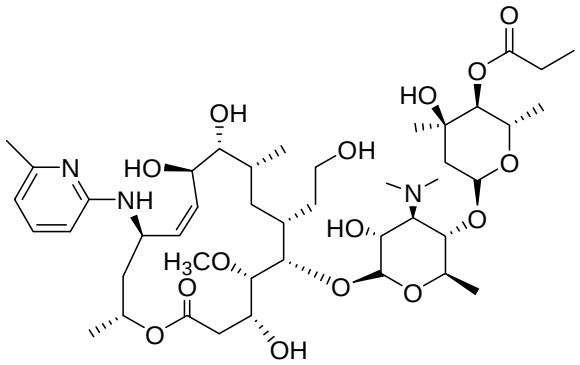


6a

(^{1}H NMR, 500 MHz, $CDCl_3$)

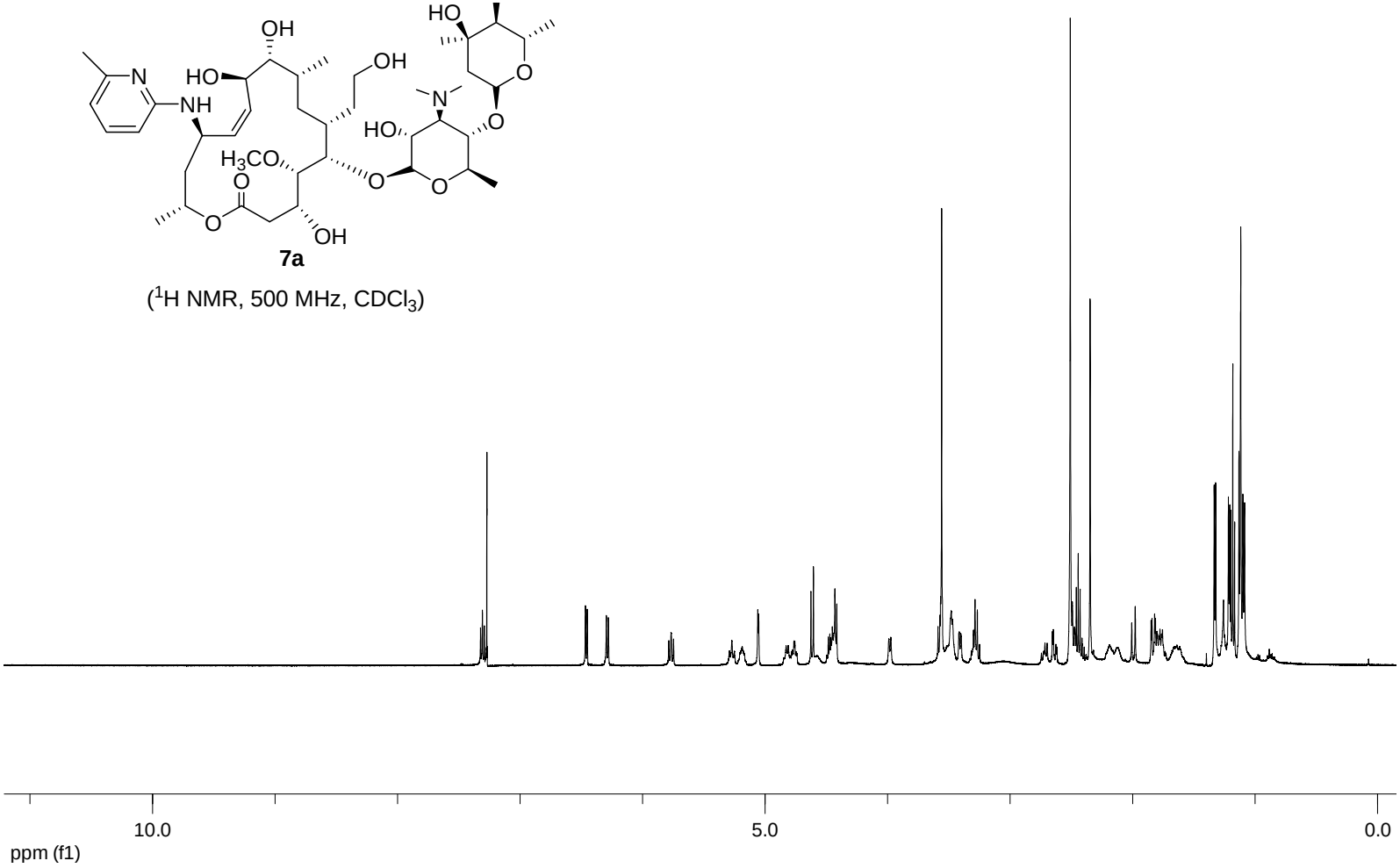


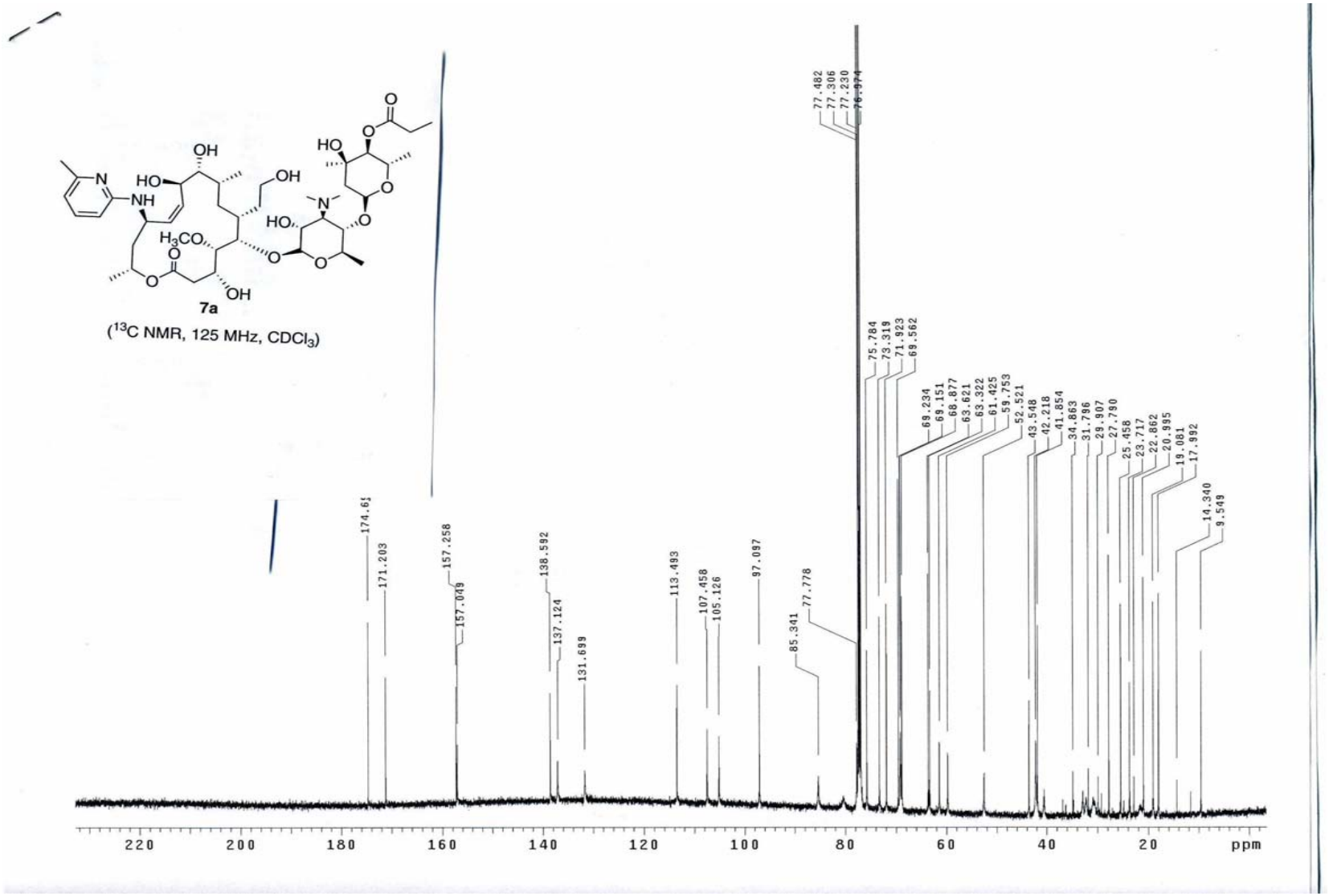


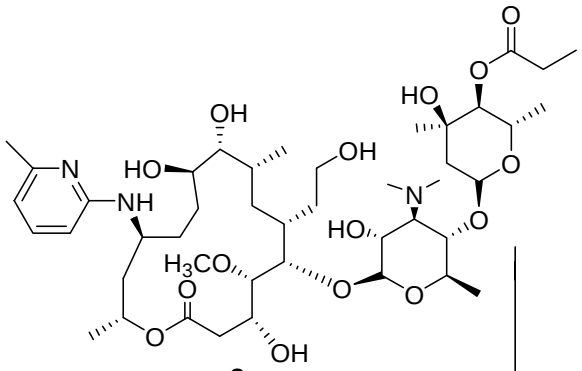


7a

(^{1}H NMR, 500 MHz, $CDCl_3$)







8a

(^{1}H NMR, 500 MHz, $CDCl_3$)