

**Hypervalent iodine mediated synthesis of
carbamate protected *p*-quinone monoimine ketals and *p*-benzoquinone monoketals**

Naganjaneyulu Bodipati and Rama Krishna Peddinti*

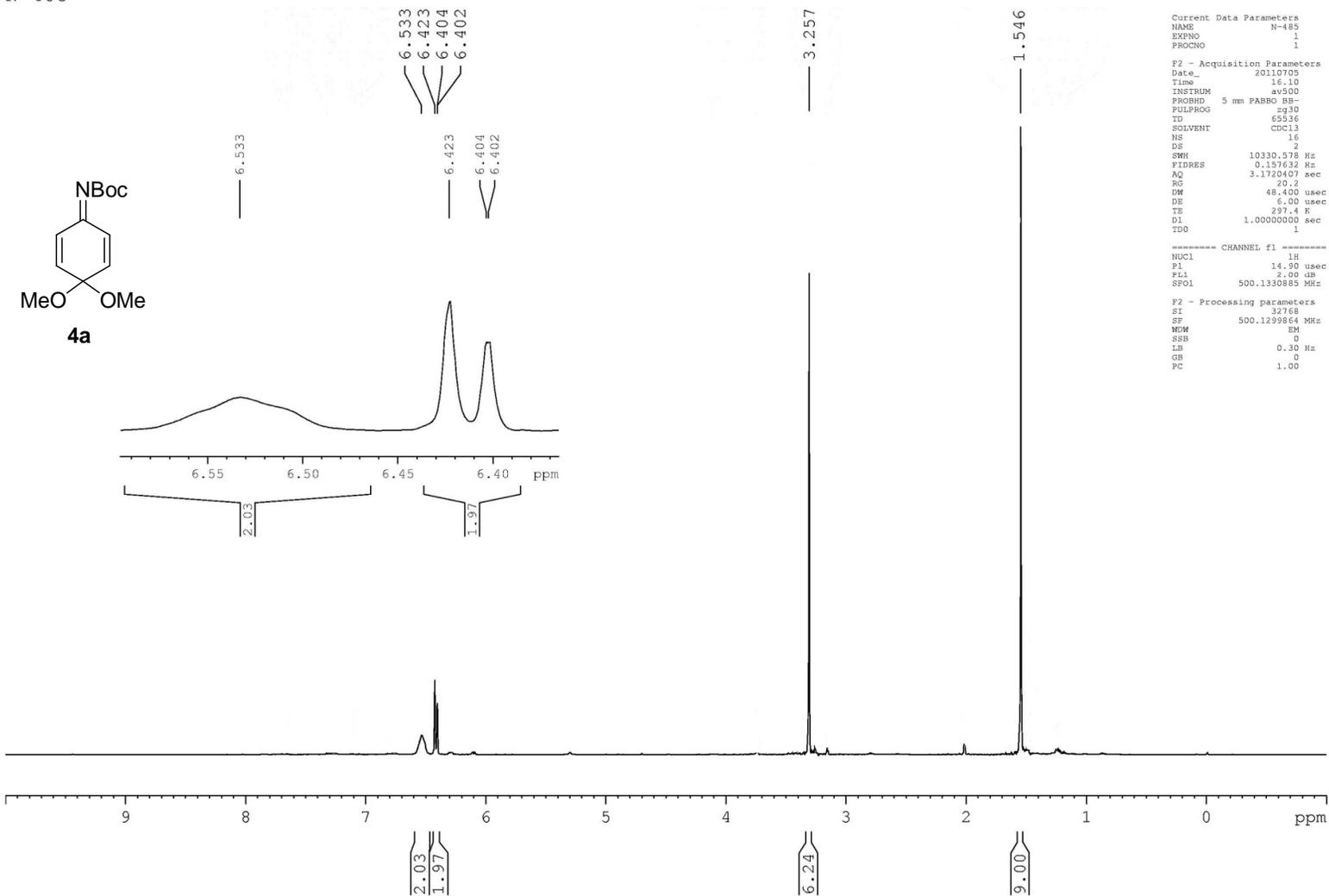
*Department of Chemistry, Indian Institute of Technology, Roorkee-247 667
Uttarakhand, India.*

Electronic Supplementary Information

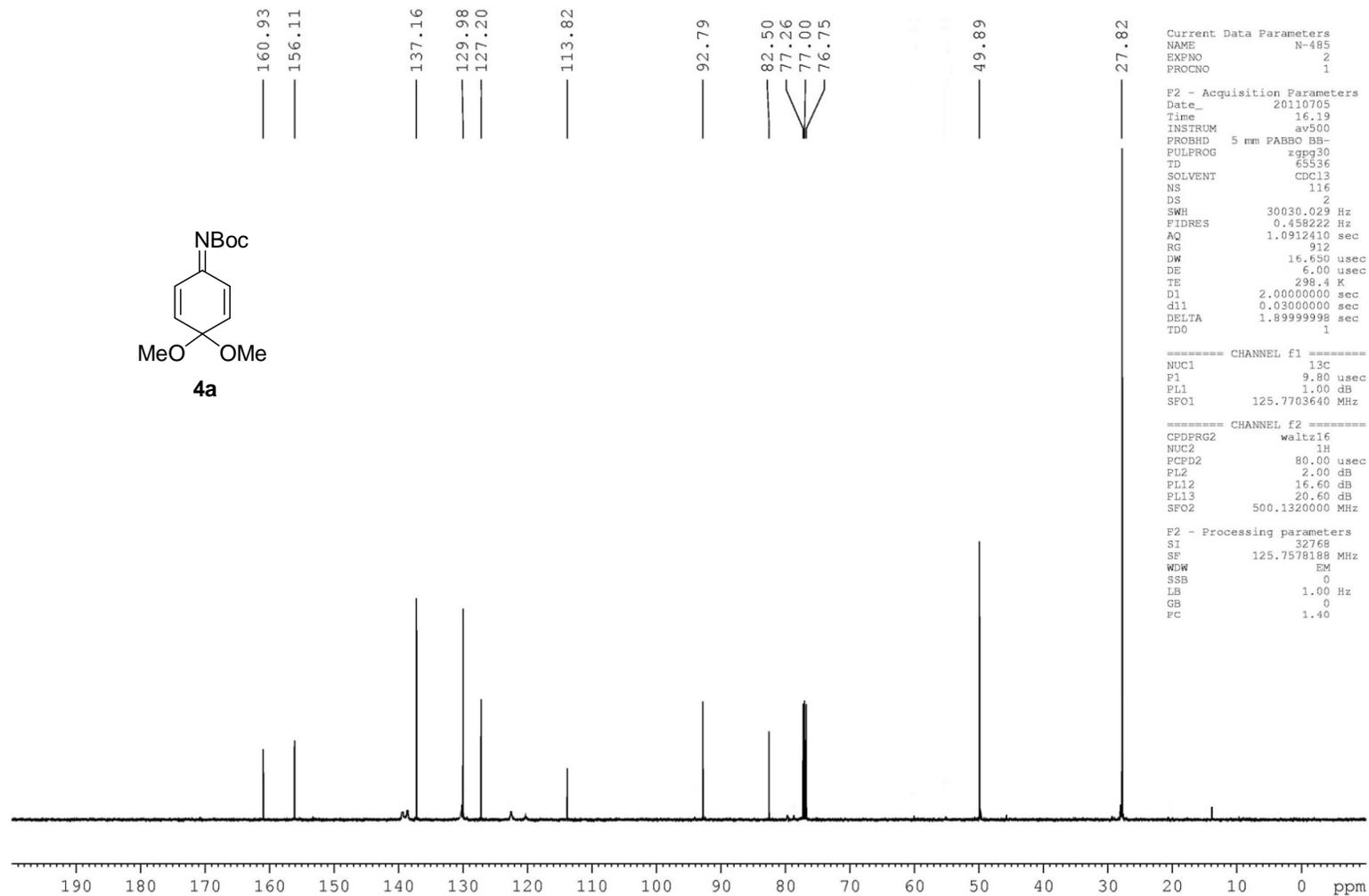
Table of Contents

¹ H NMR (500 MHz) and ¹³ C NMR (125 MHz) spectra of all products.....	S-2 – S-36
---	------------

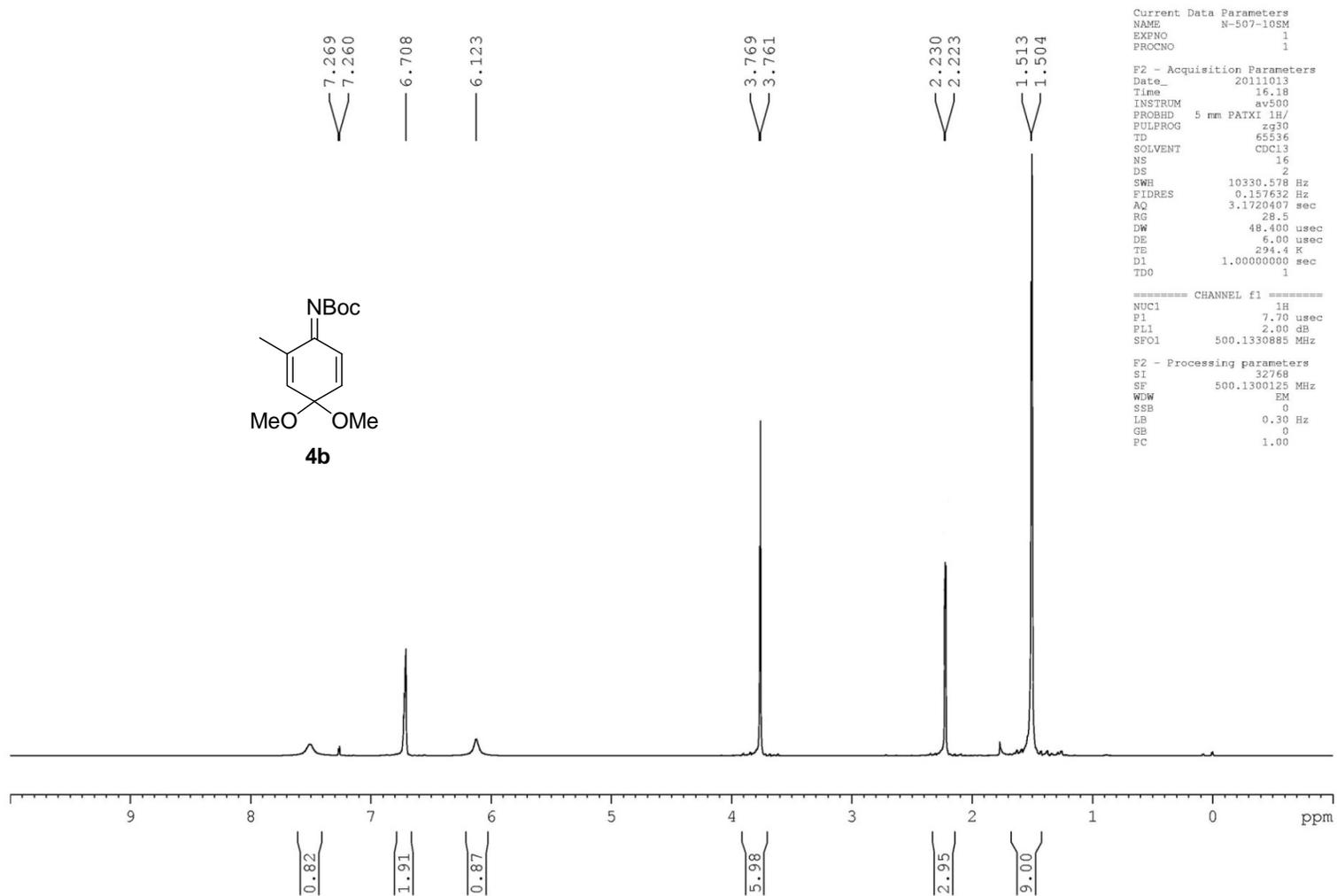
N-485



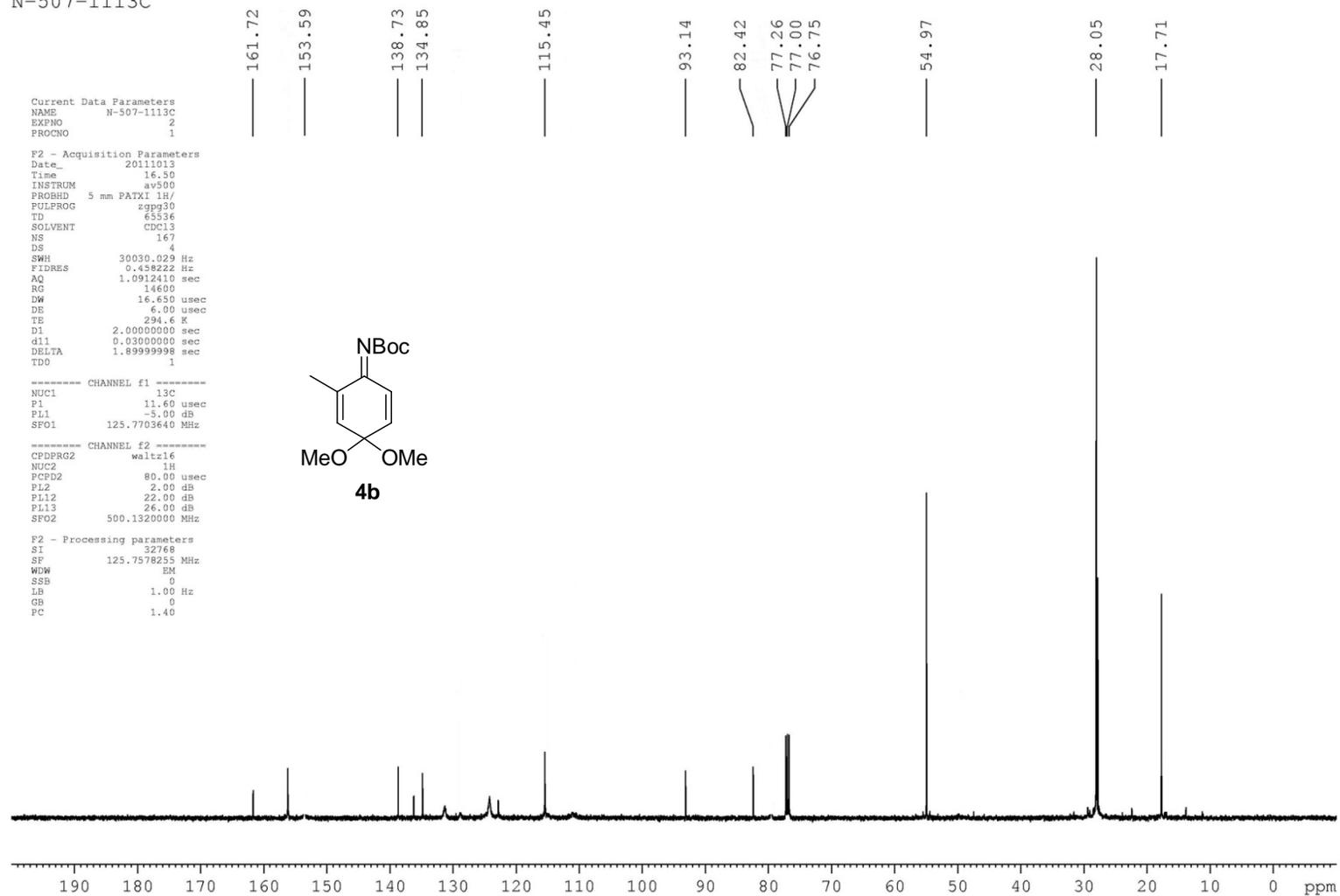
N-485-13C



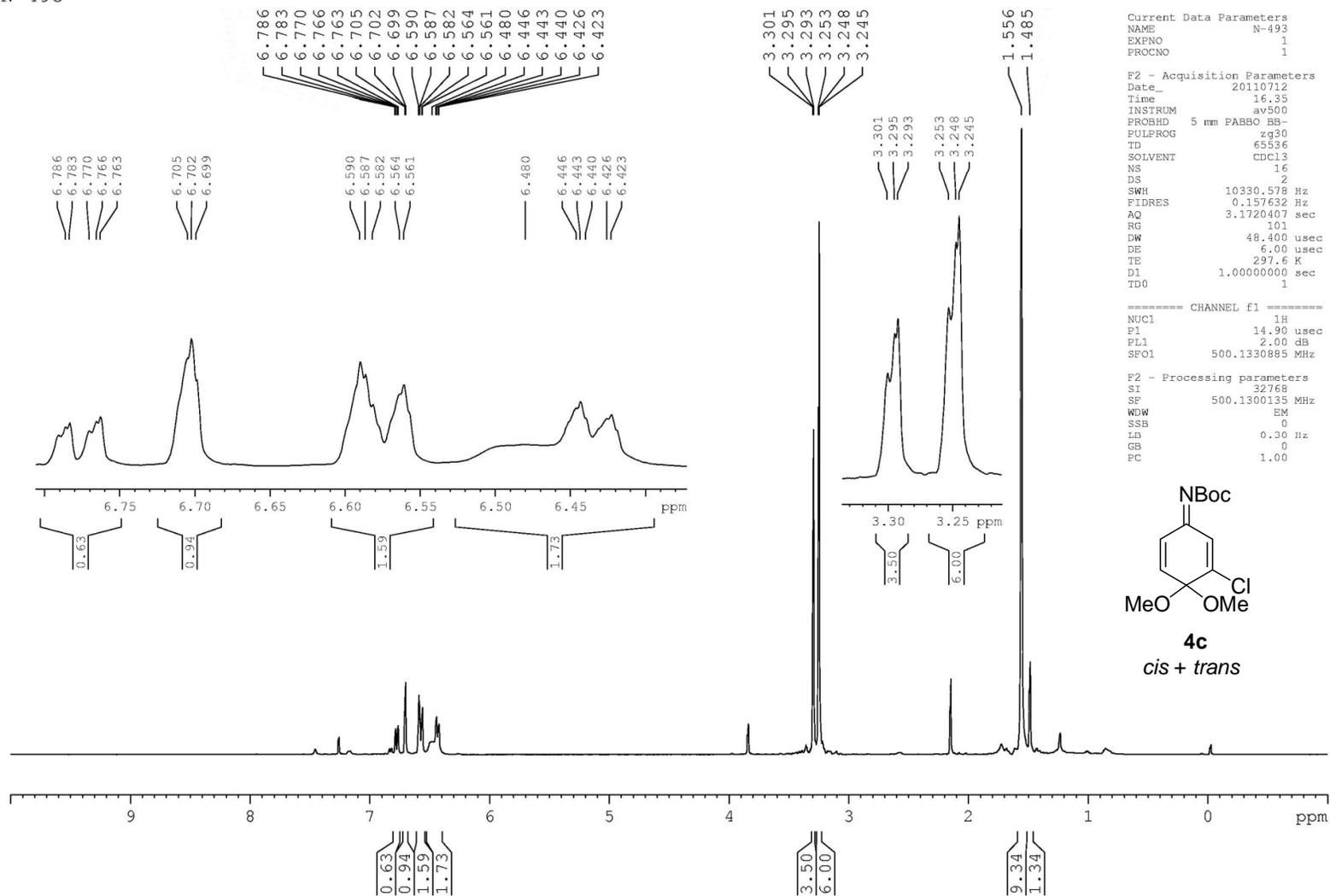
N-507-10SM



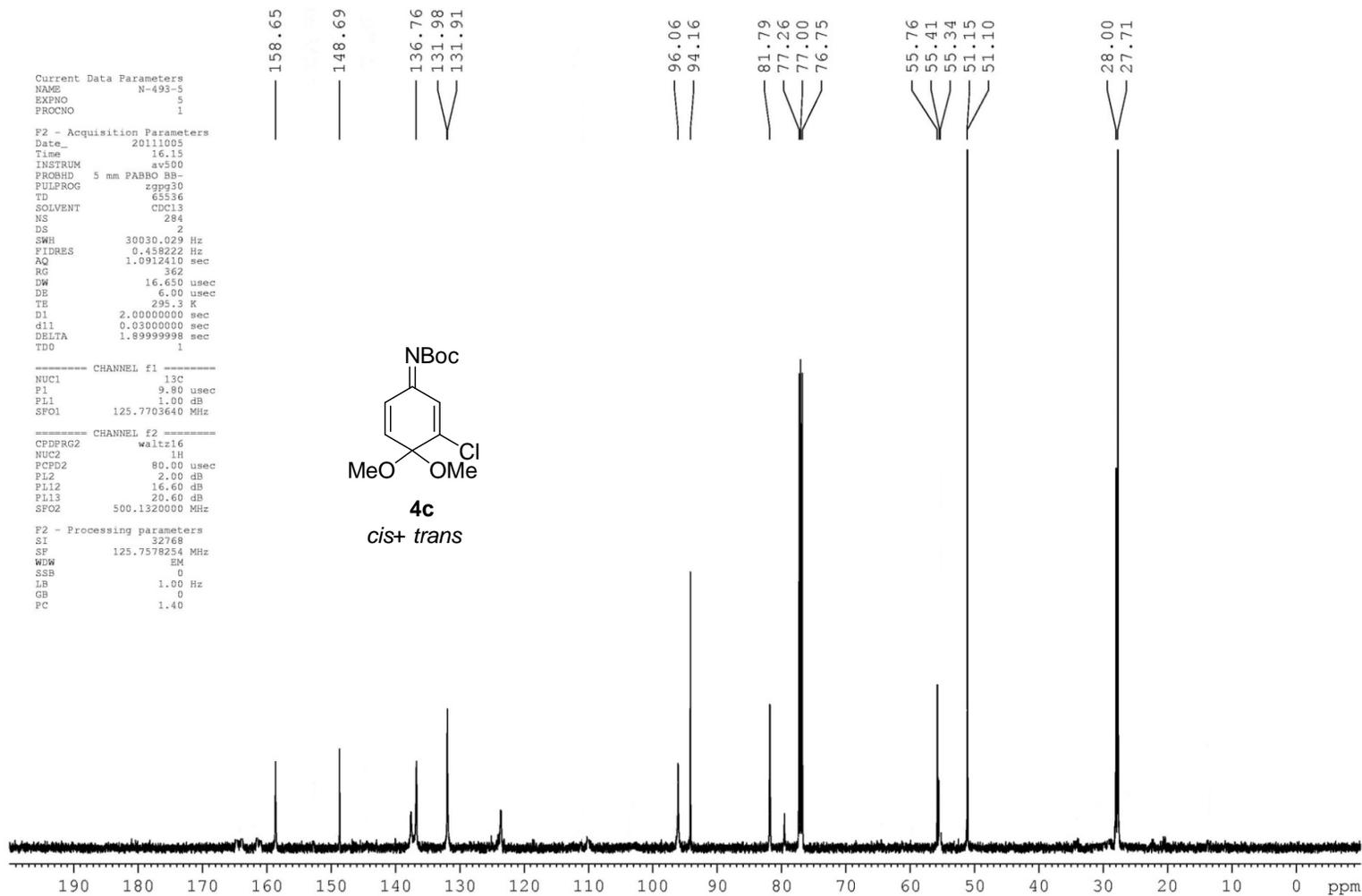
N-507-1113C



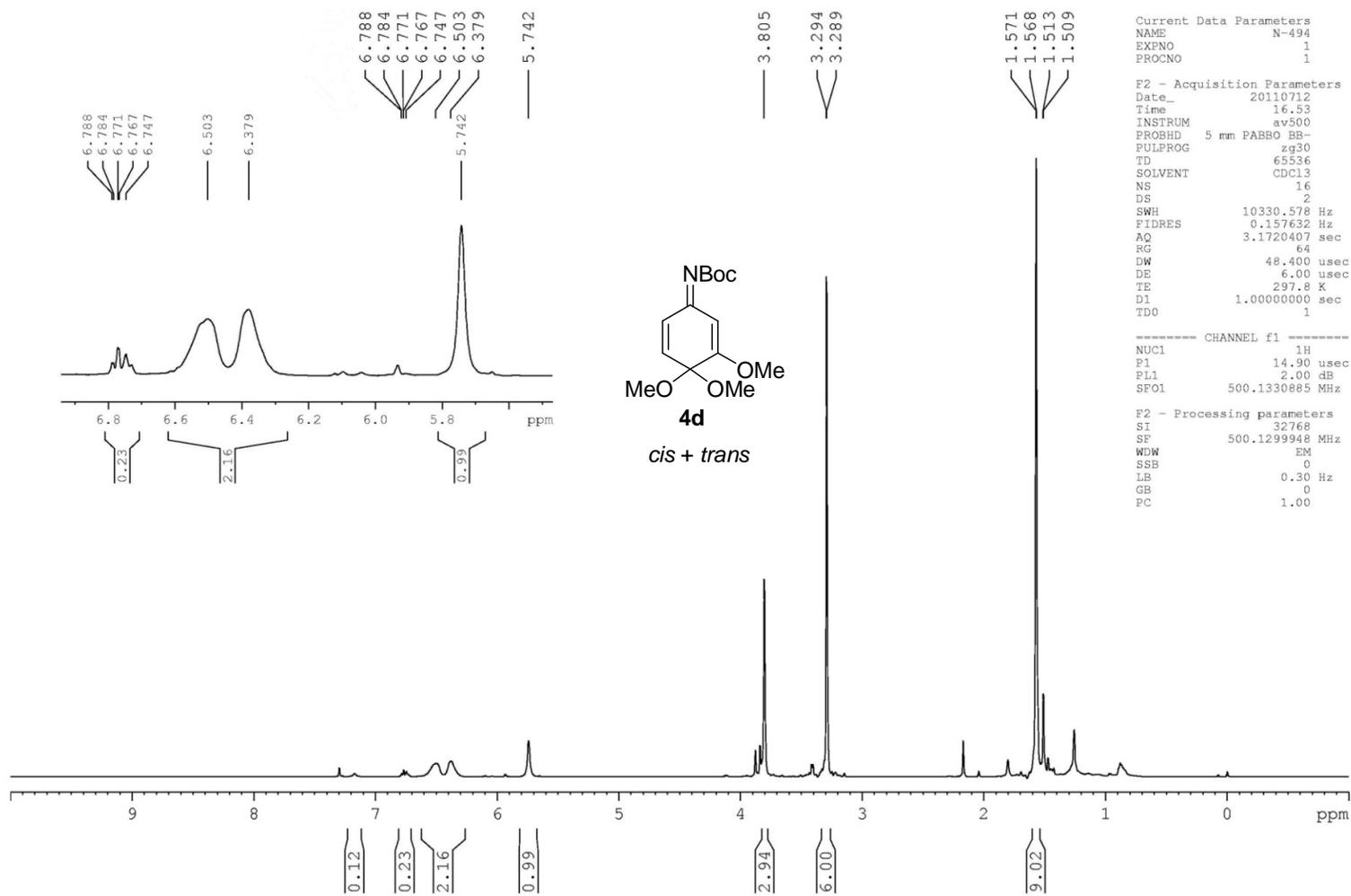
N-493



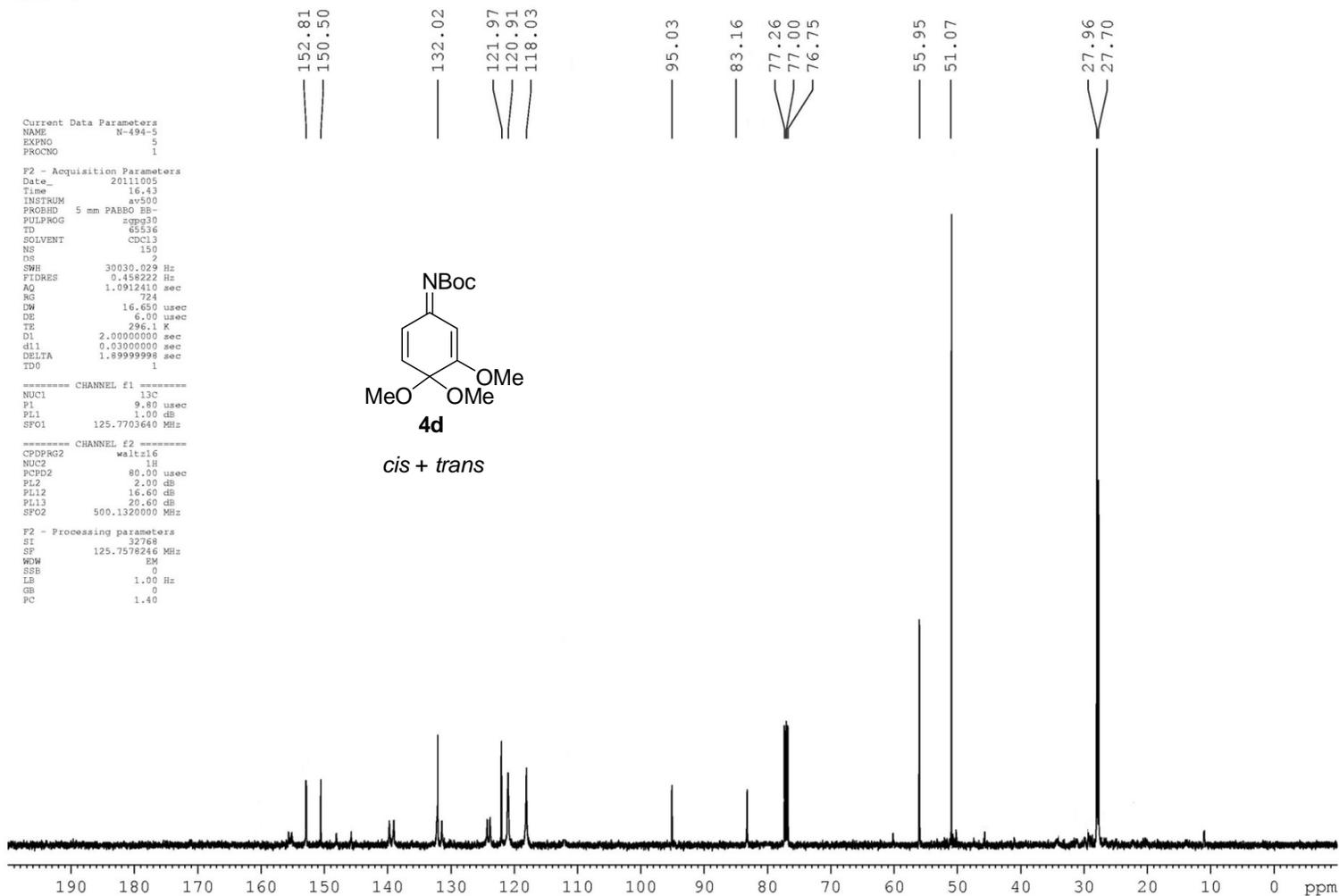
N-493-5



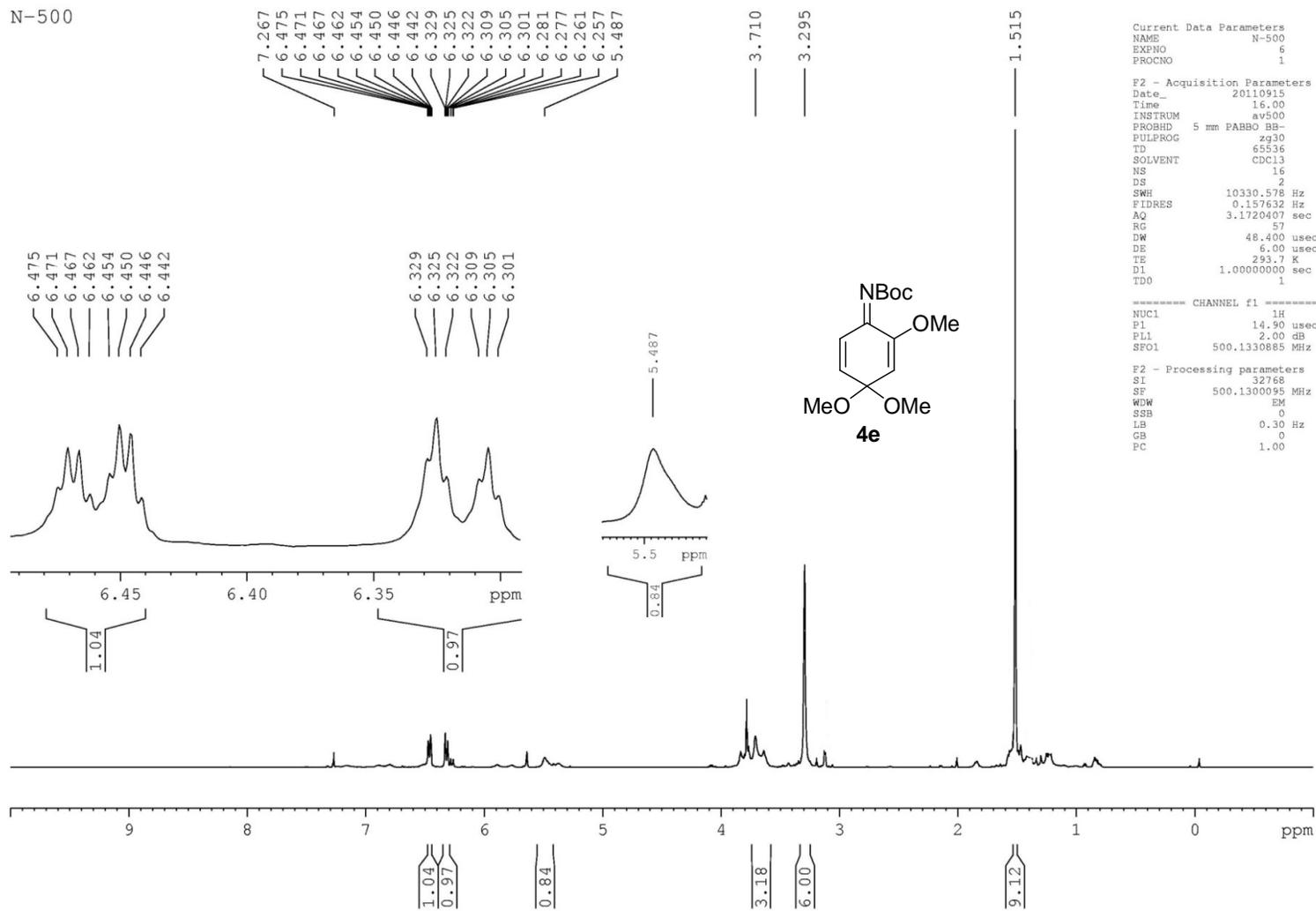
20



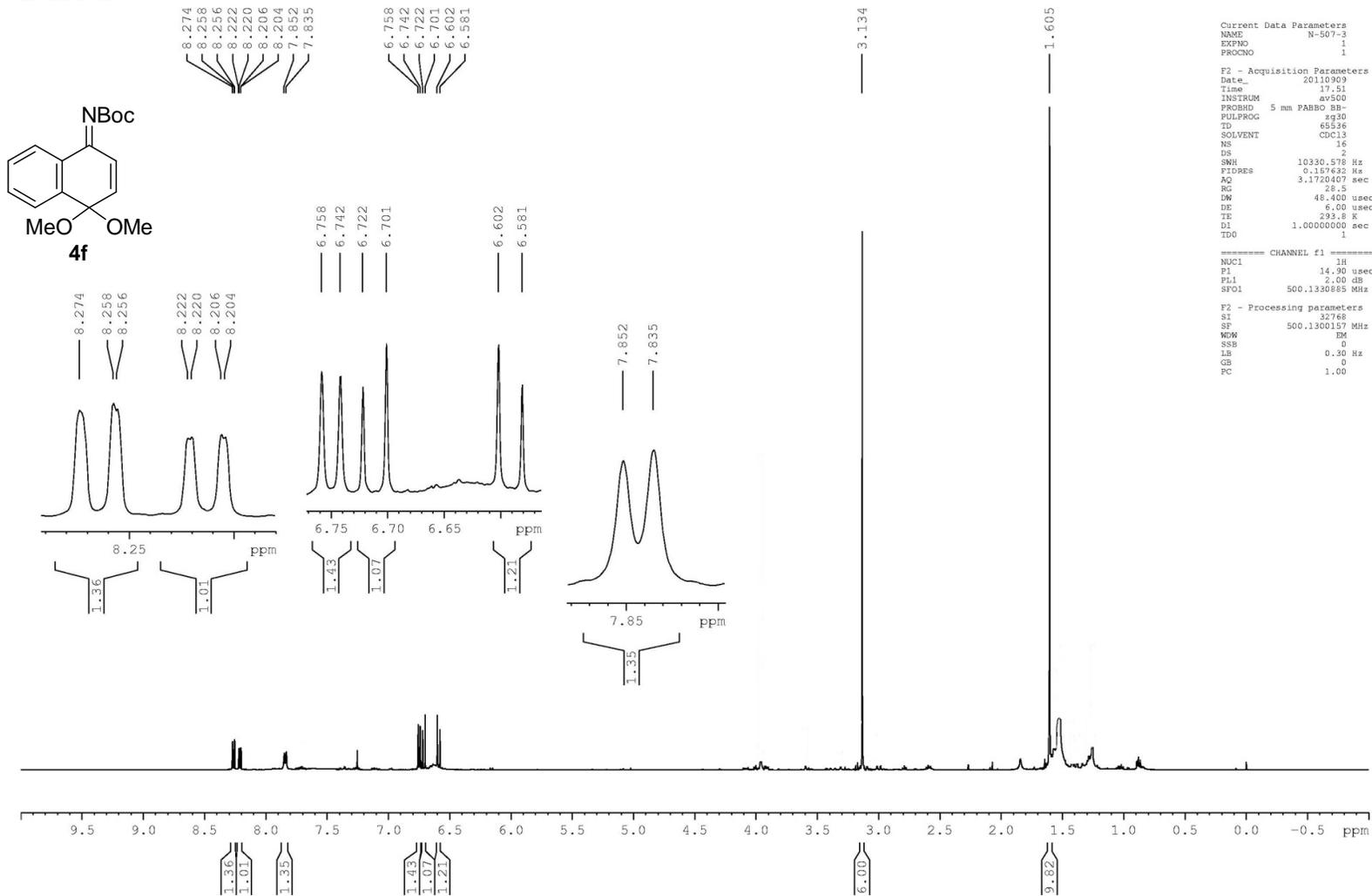
N-494-5



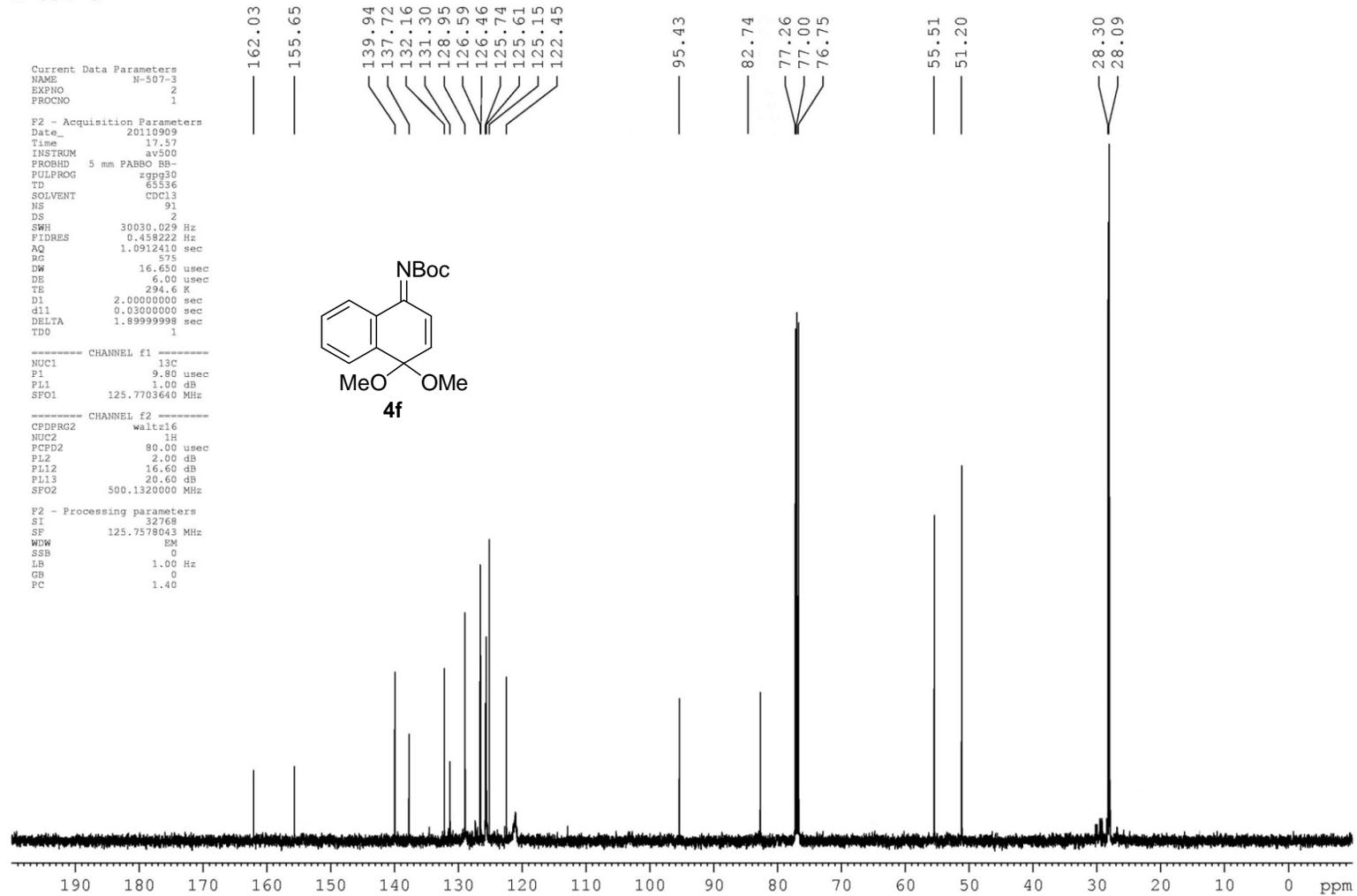
N-500



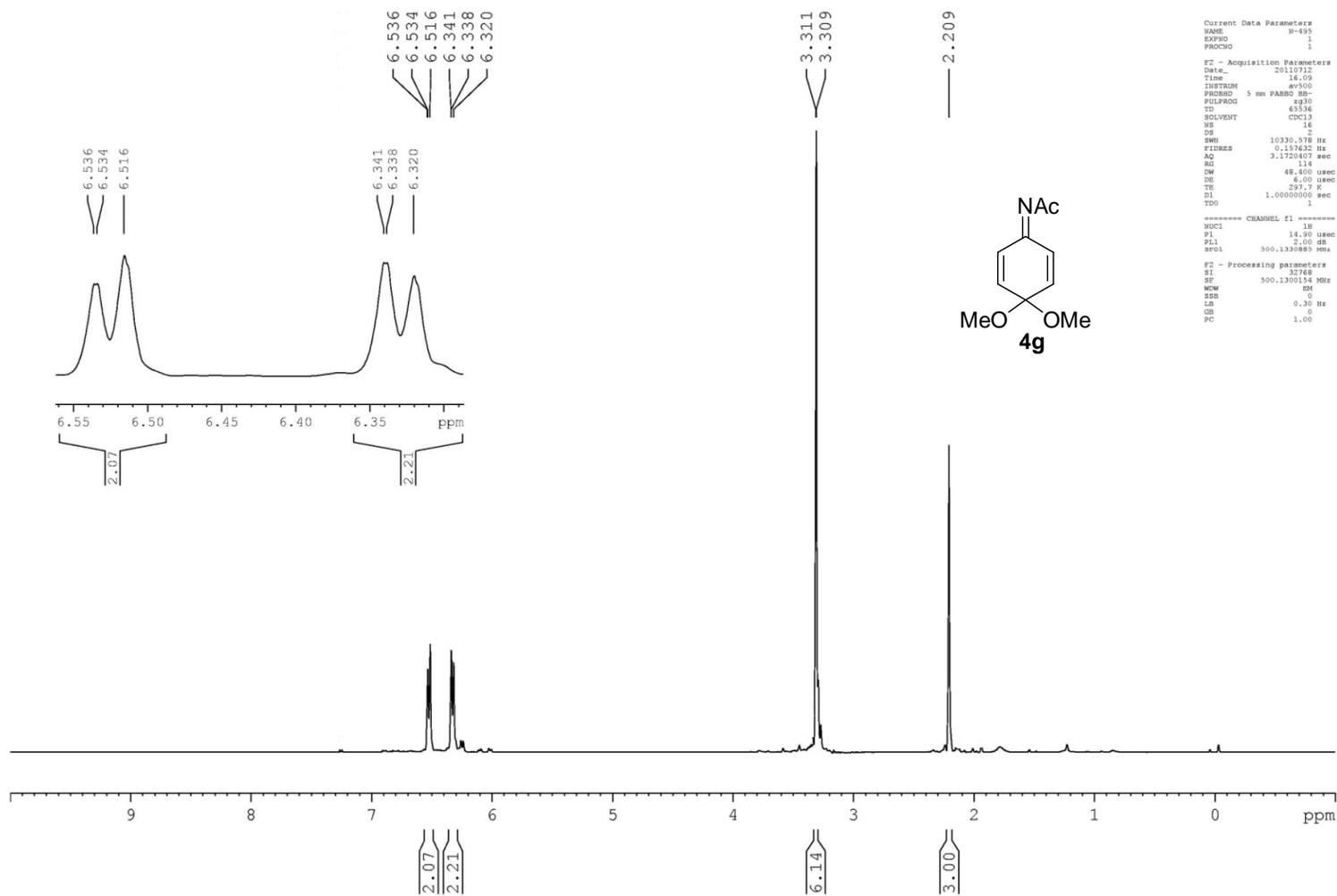
N-507-3



N-507-3



N-495

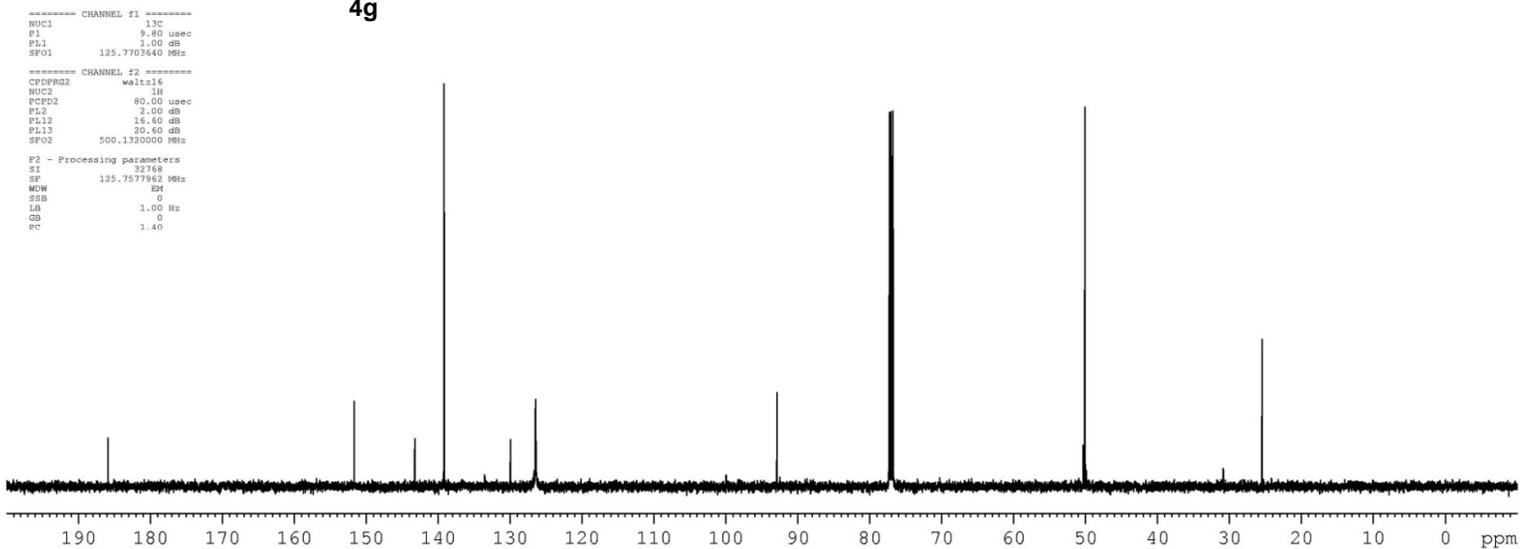
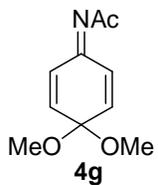


N-495

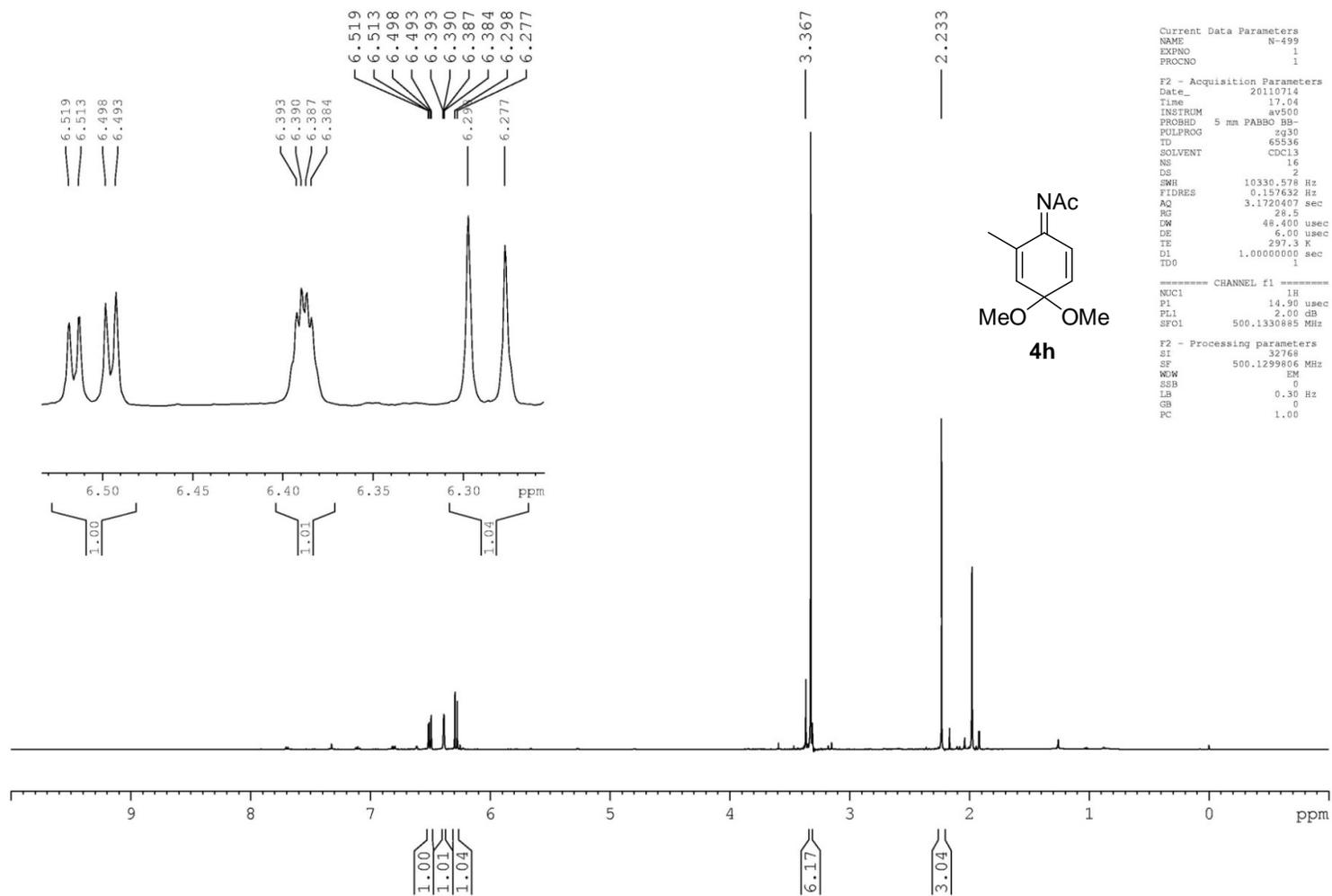


Current Data Parameters
NAME N-495
EXFNO 2
PROCNO 1

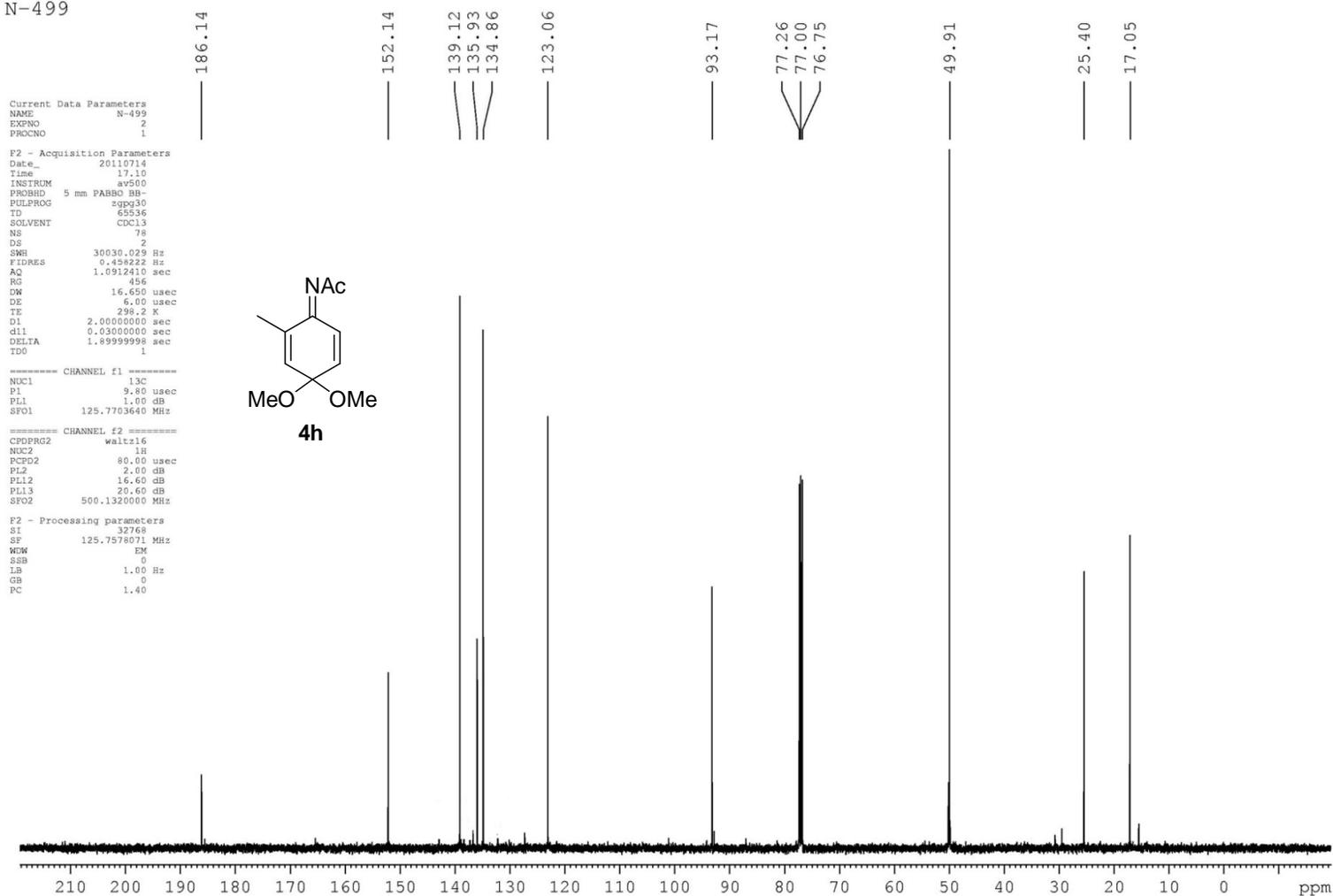
F2 - Acquisition Parameters
Date_ 20110712
Time 15.19
INSTRUM av500
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 133
DS 2
SWH 30030.039 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 812
DM 16.650 usec
DE 6.00 usec
TE 298.8 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TD0 1



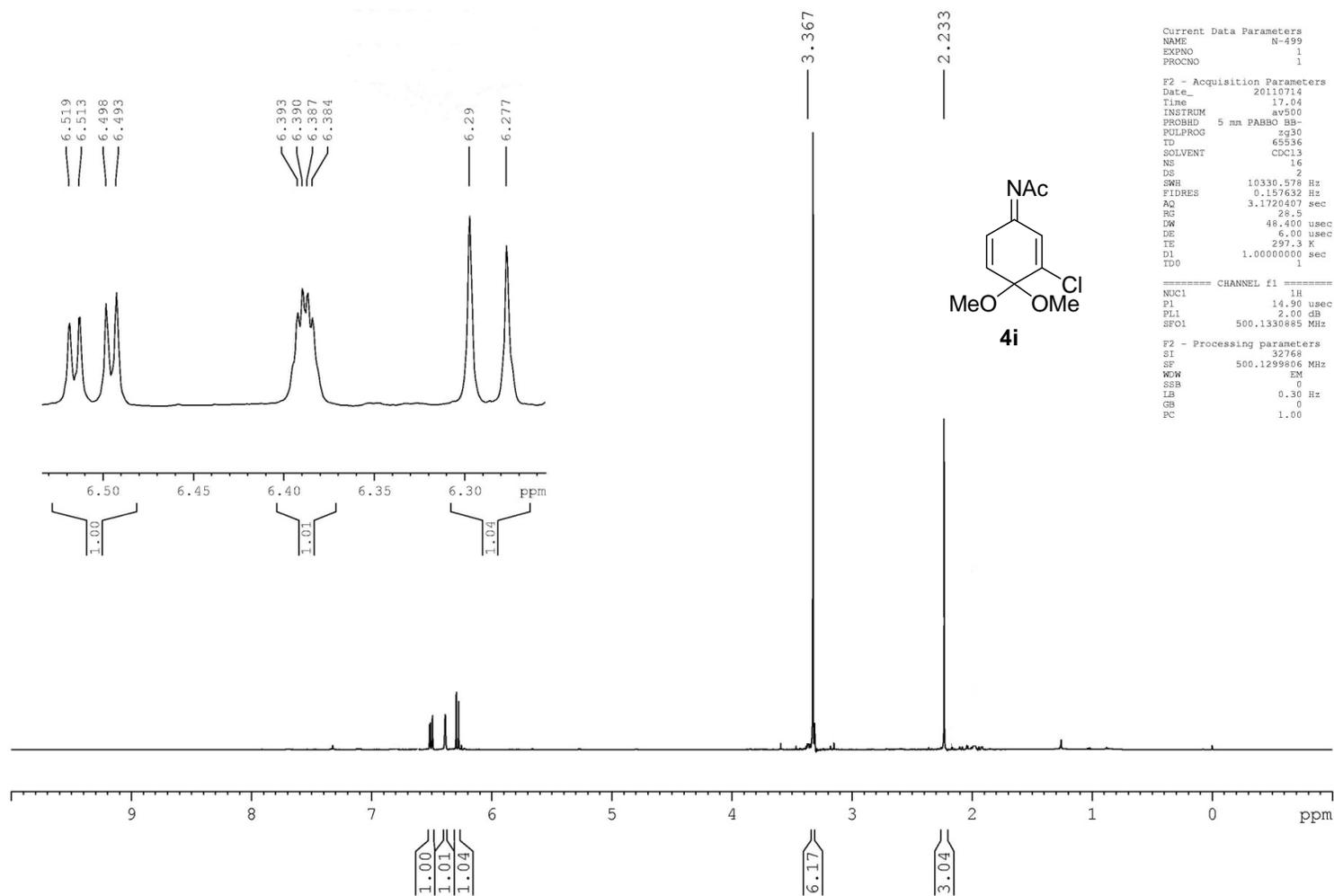
N-499



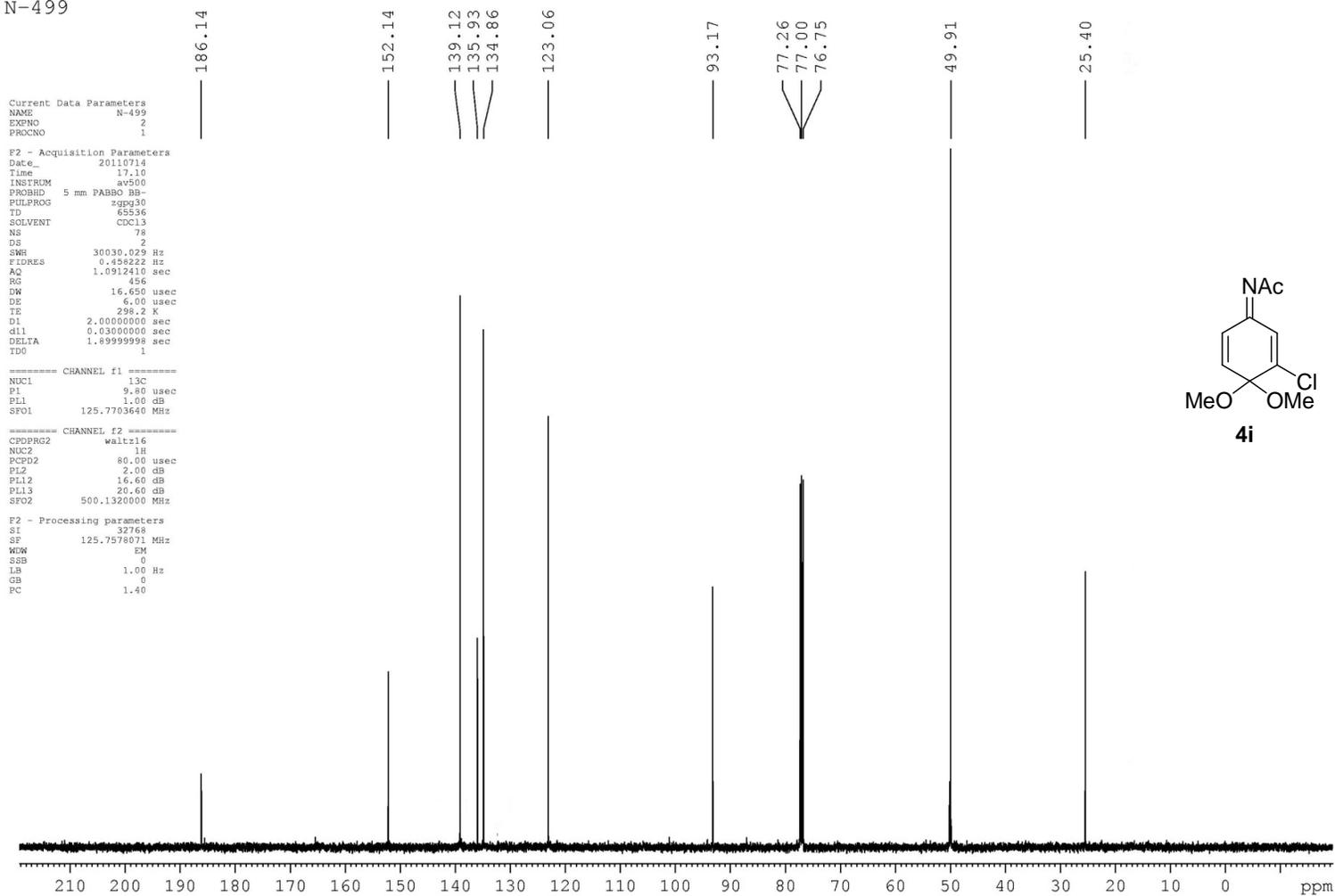
N-499



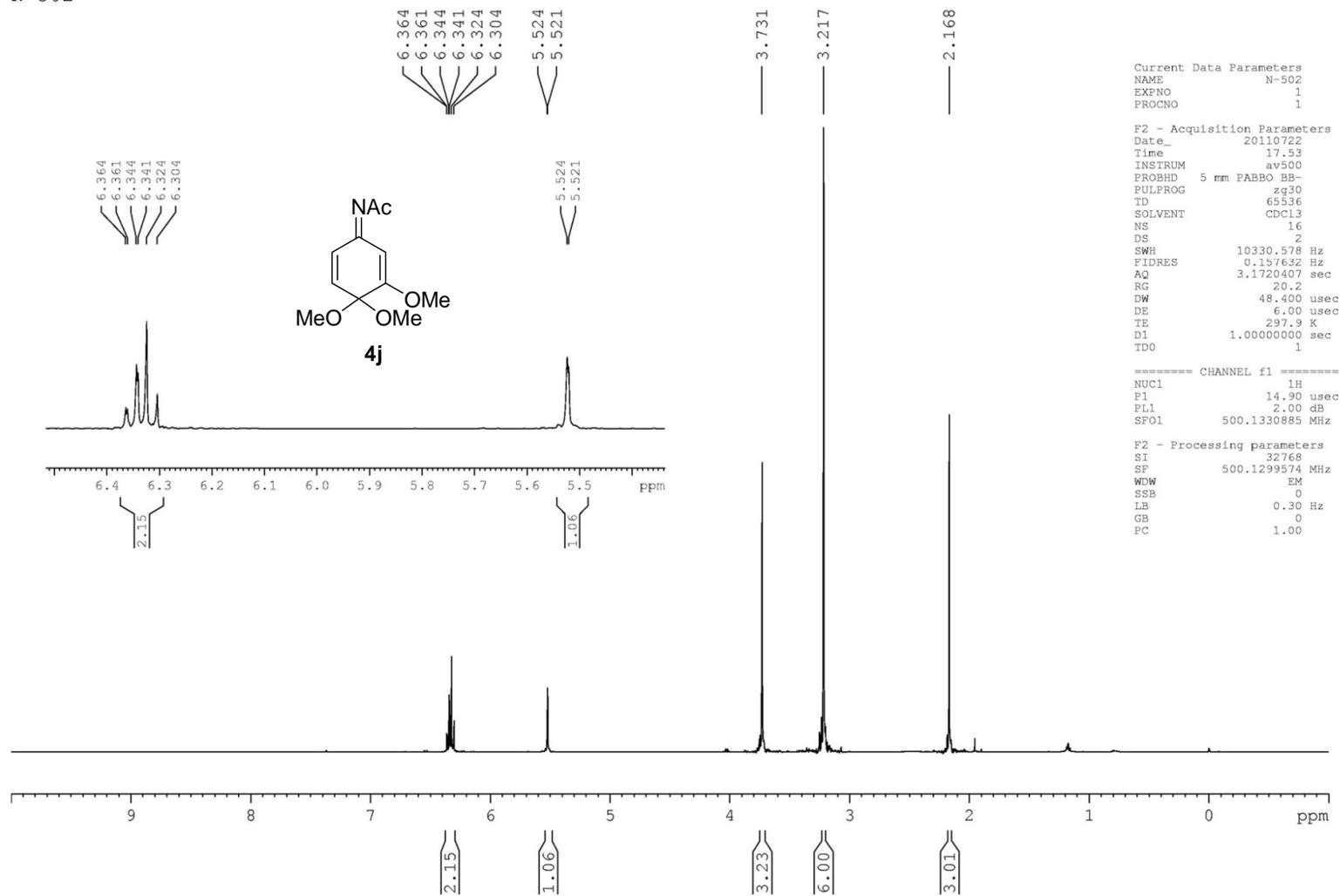
N-499



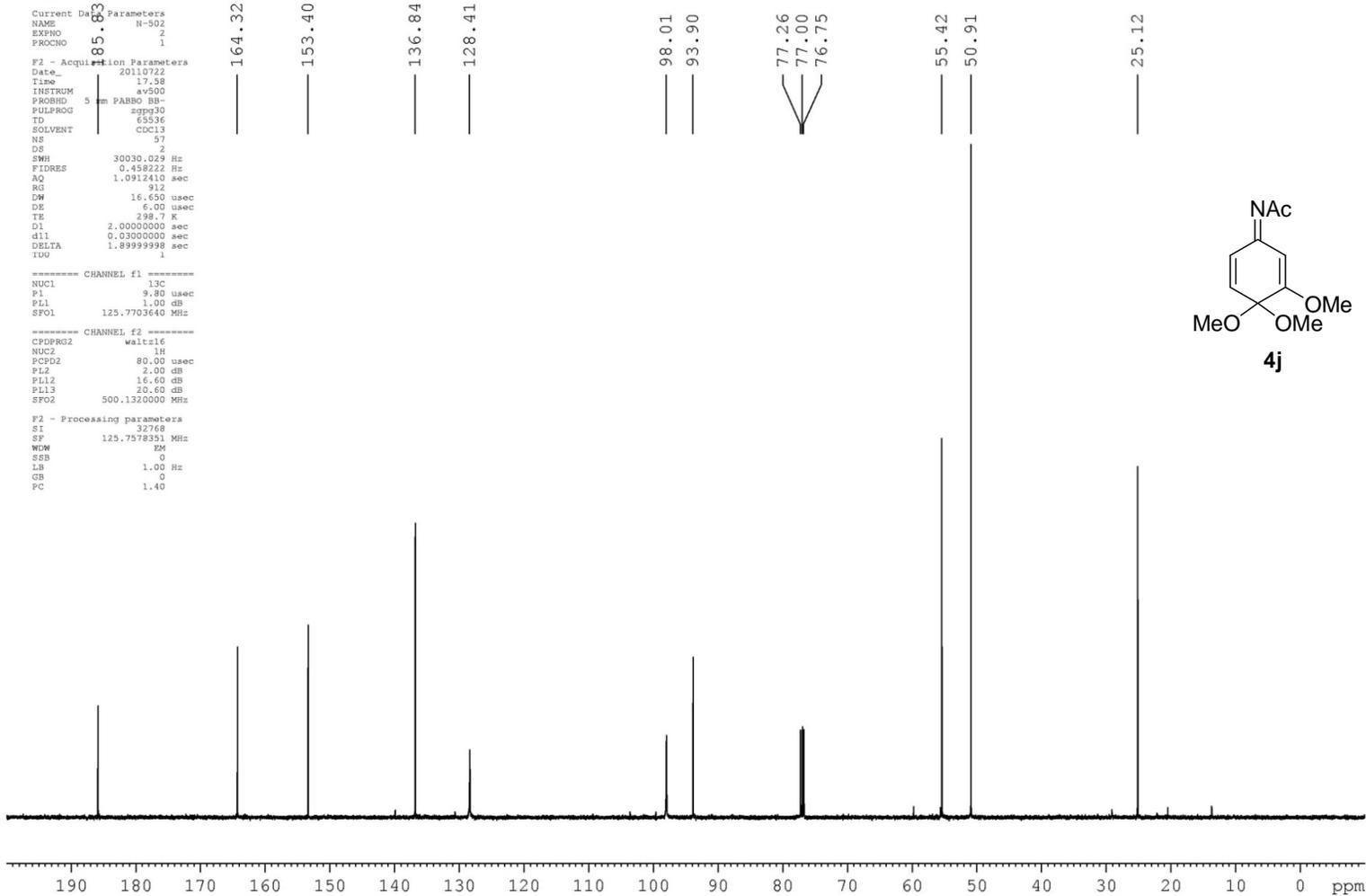
N-499



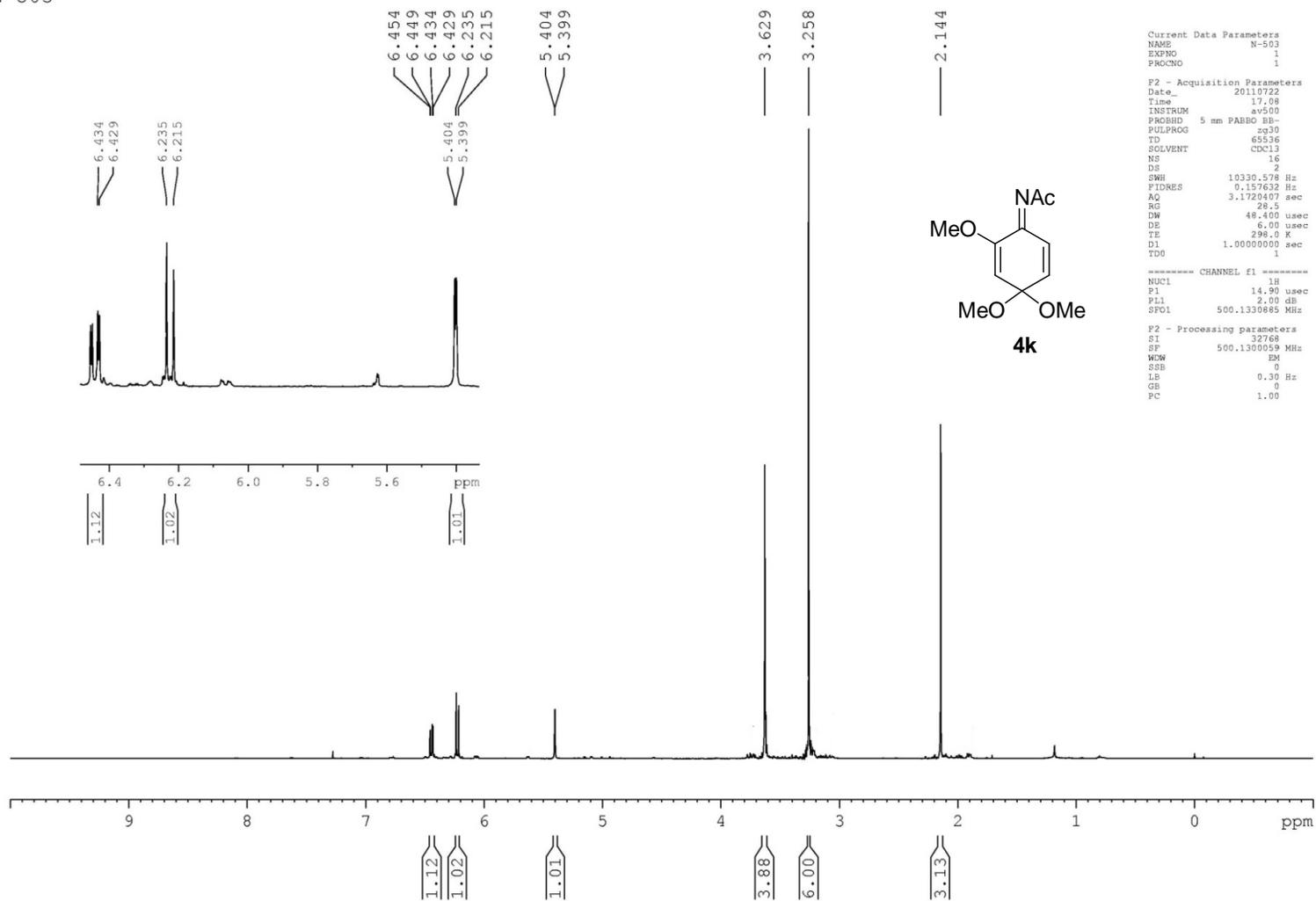
N-502



N-502



N-503



N-503

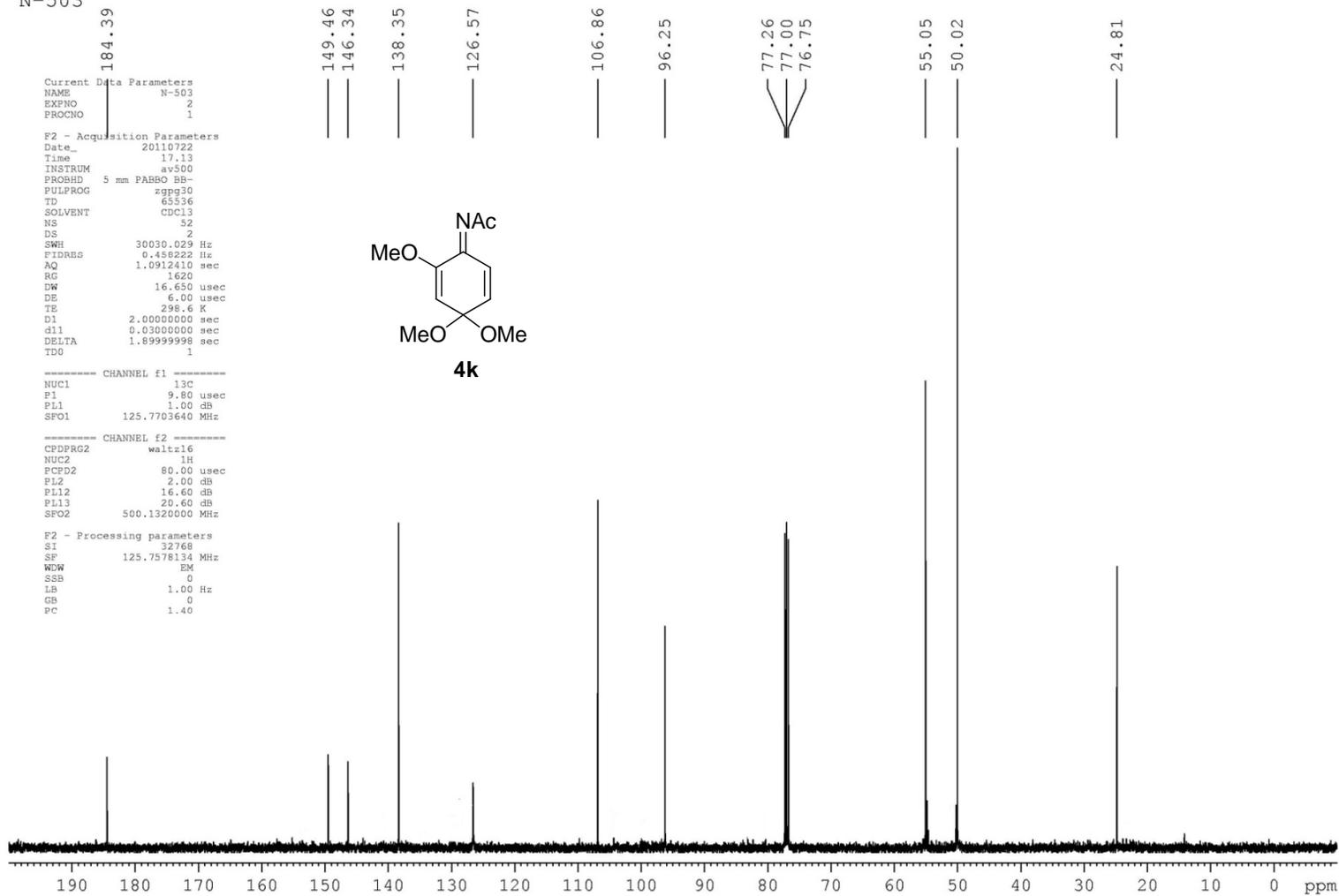
Current Data Parameters
NAME N-503
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20110722
Time 17.13
INSTRUM av500
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 52
DS 2
SWH 30030.029 Hz
FIDRES 0.458222 Hz
AQ 1.0912410 sec
RG 1620
DW 16.650 usec
DE 6.00 usec
TE 298.6 K
D1 2.00000000 sec
d11 0.03000000 sec
DELTA 1.89999998 sec
TDO 1

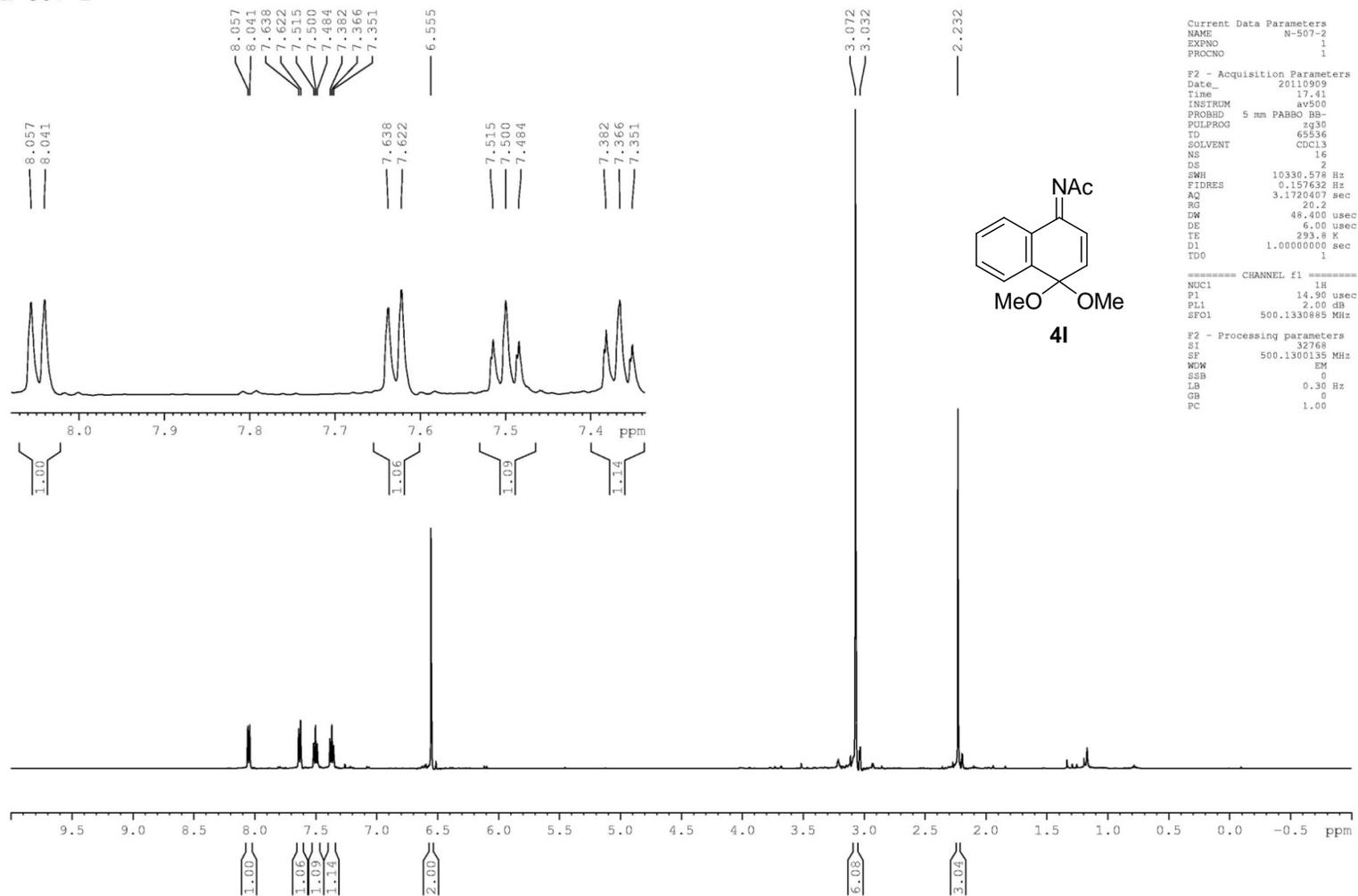
----- CHANNEL f1 -----
NUC1 13C
P1 9.80 usec
PL1 1.00 dB
SFO1 125.7703640 MHz

----- CHANNEL f2 -----
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 2.00 dB
PL12 16.60 dB
PL13 20.60 dB
SFO2 500.1320000 MHz

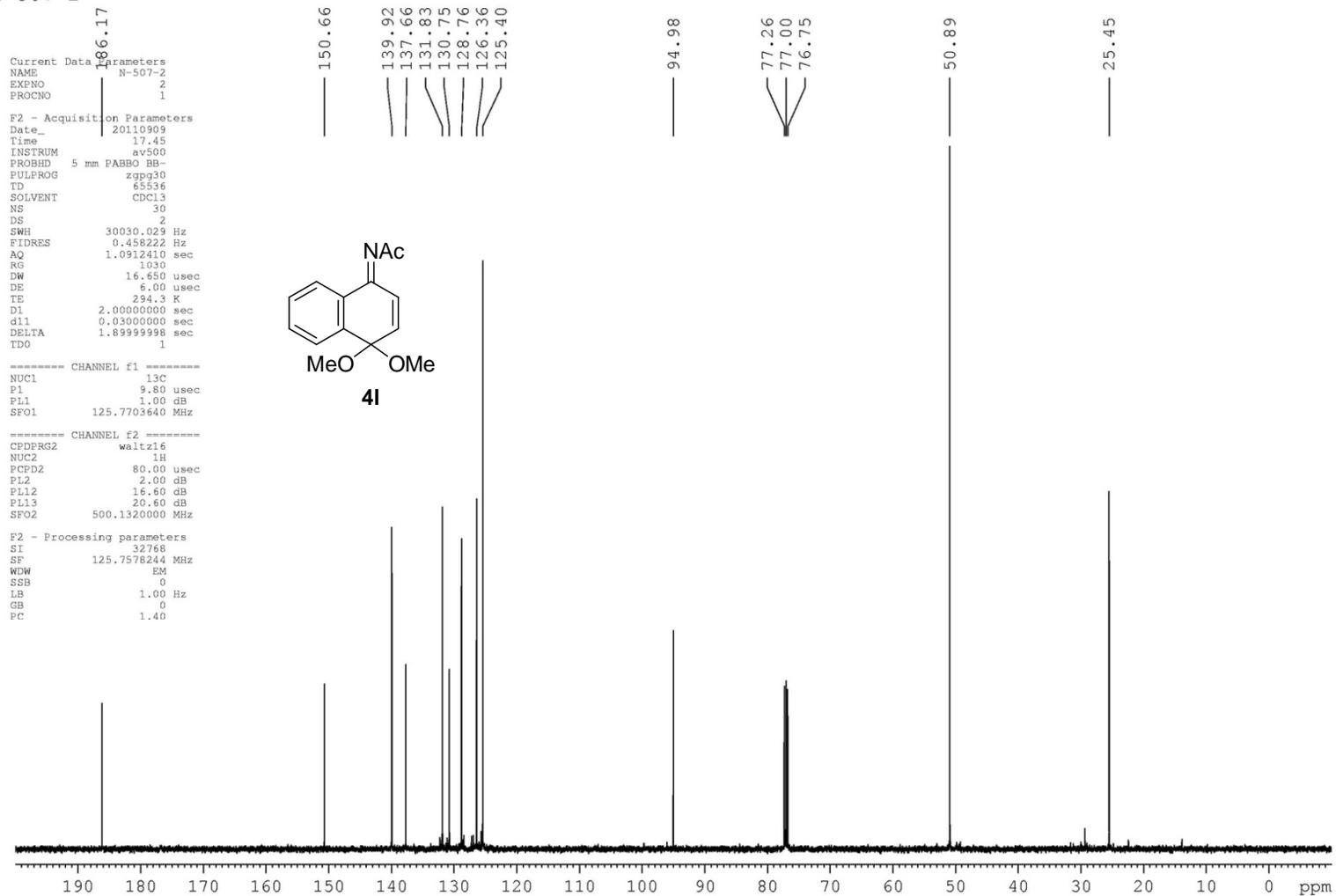
F2 - Processing parameters
SI 32768
SF 125.7578134 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



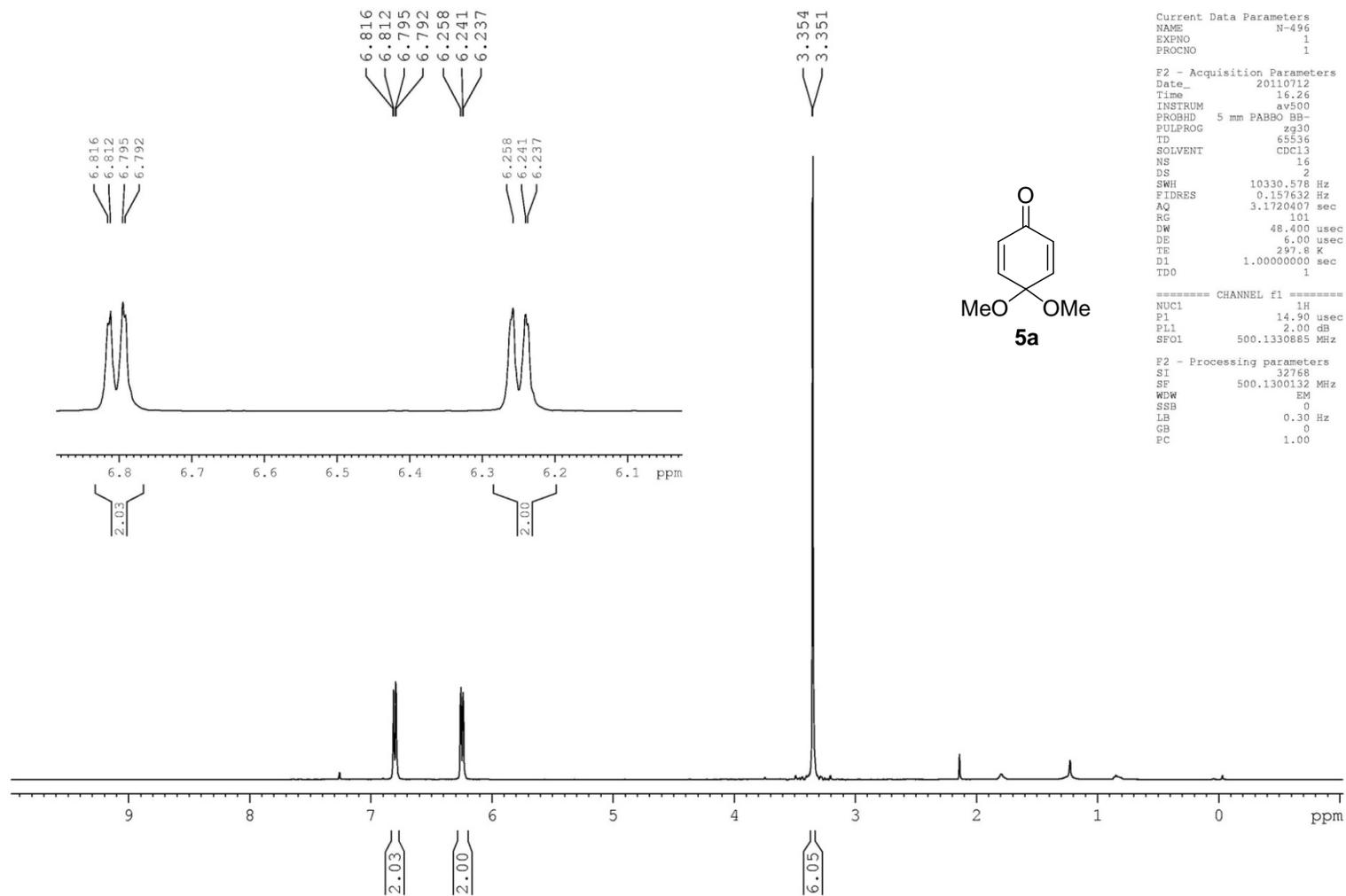
N-507-2



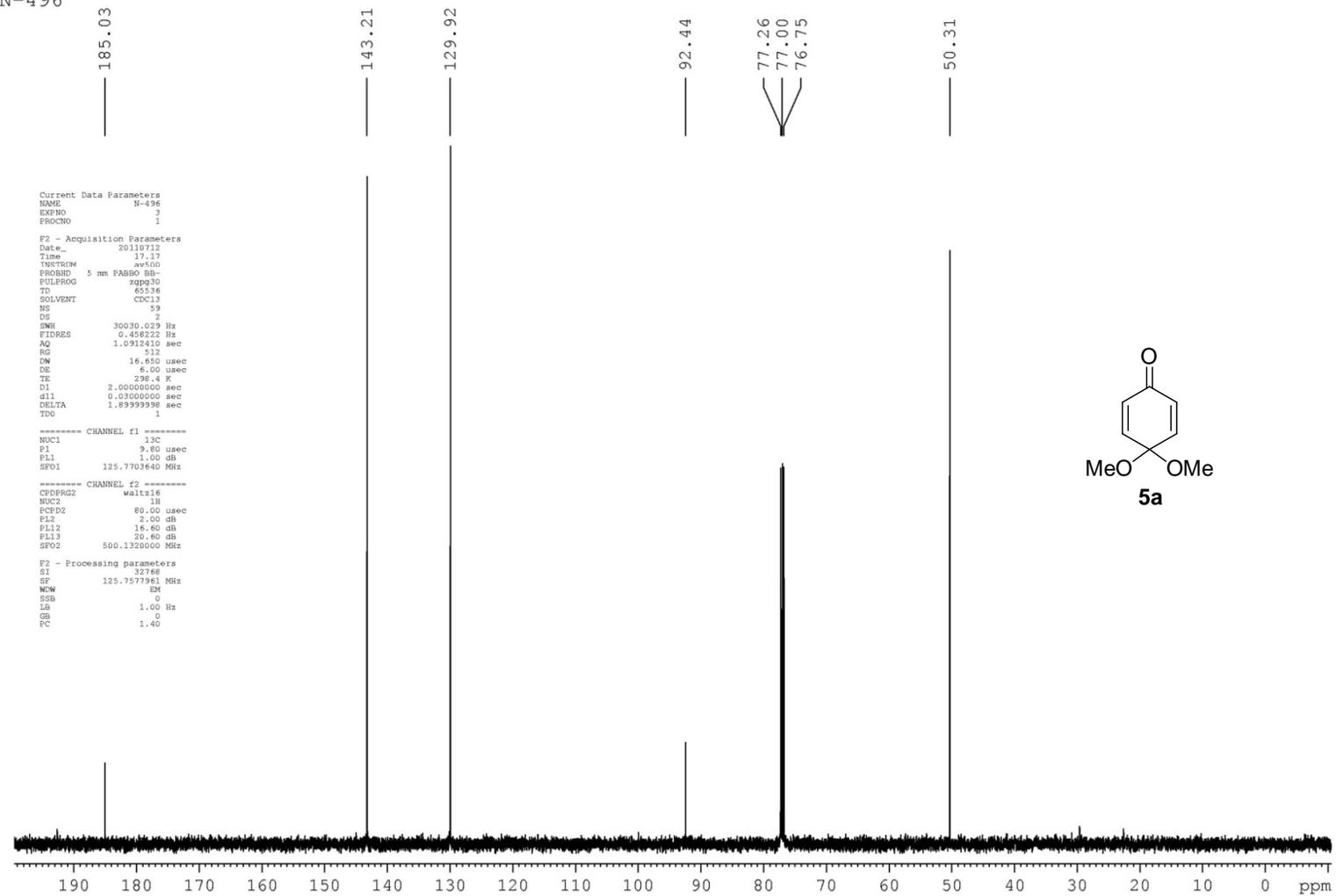
N-507-2



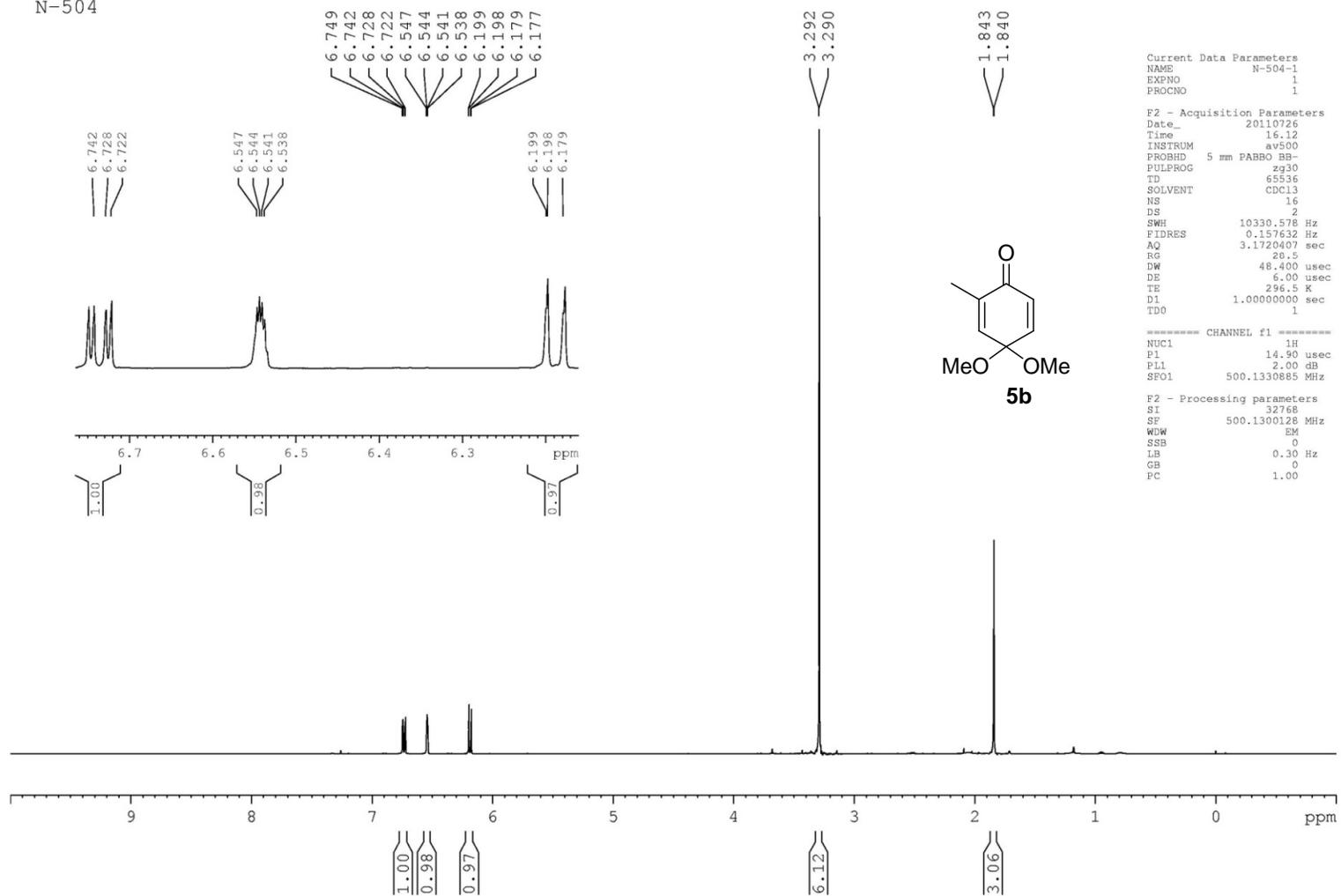
N-496



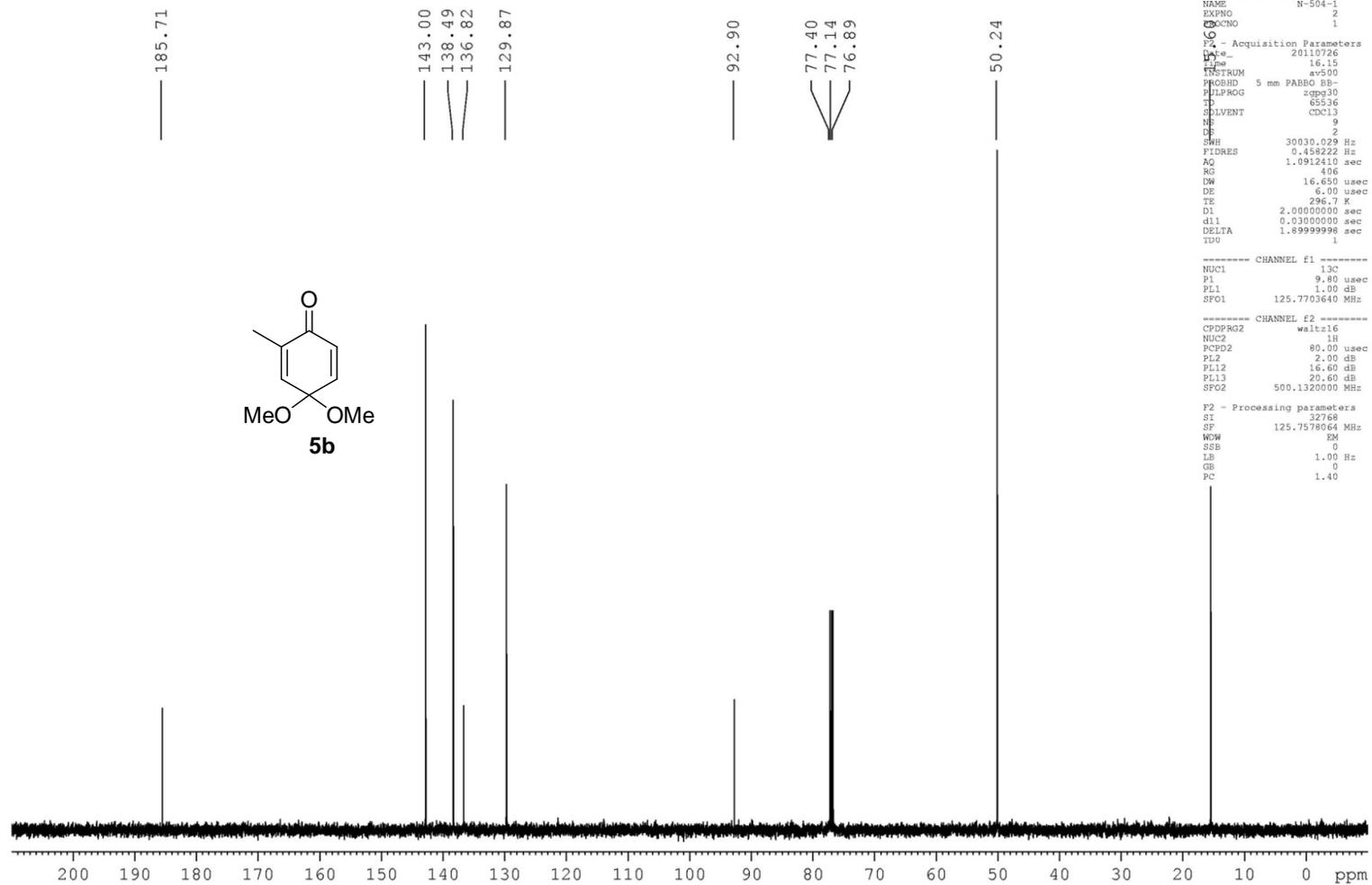
N-496



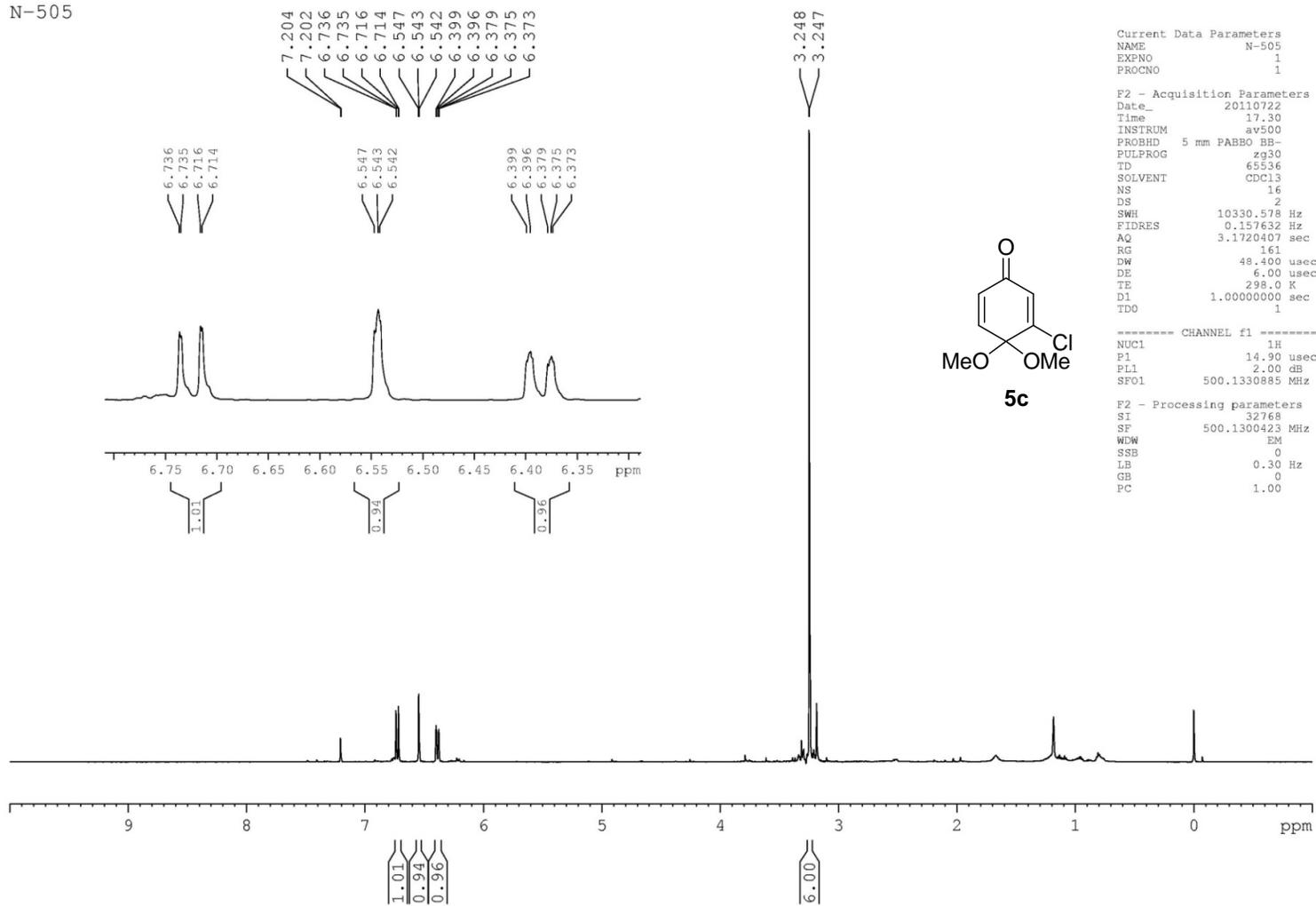
N-504



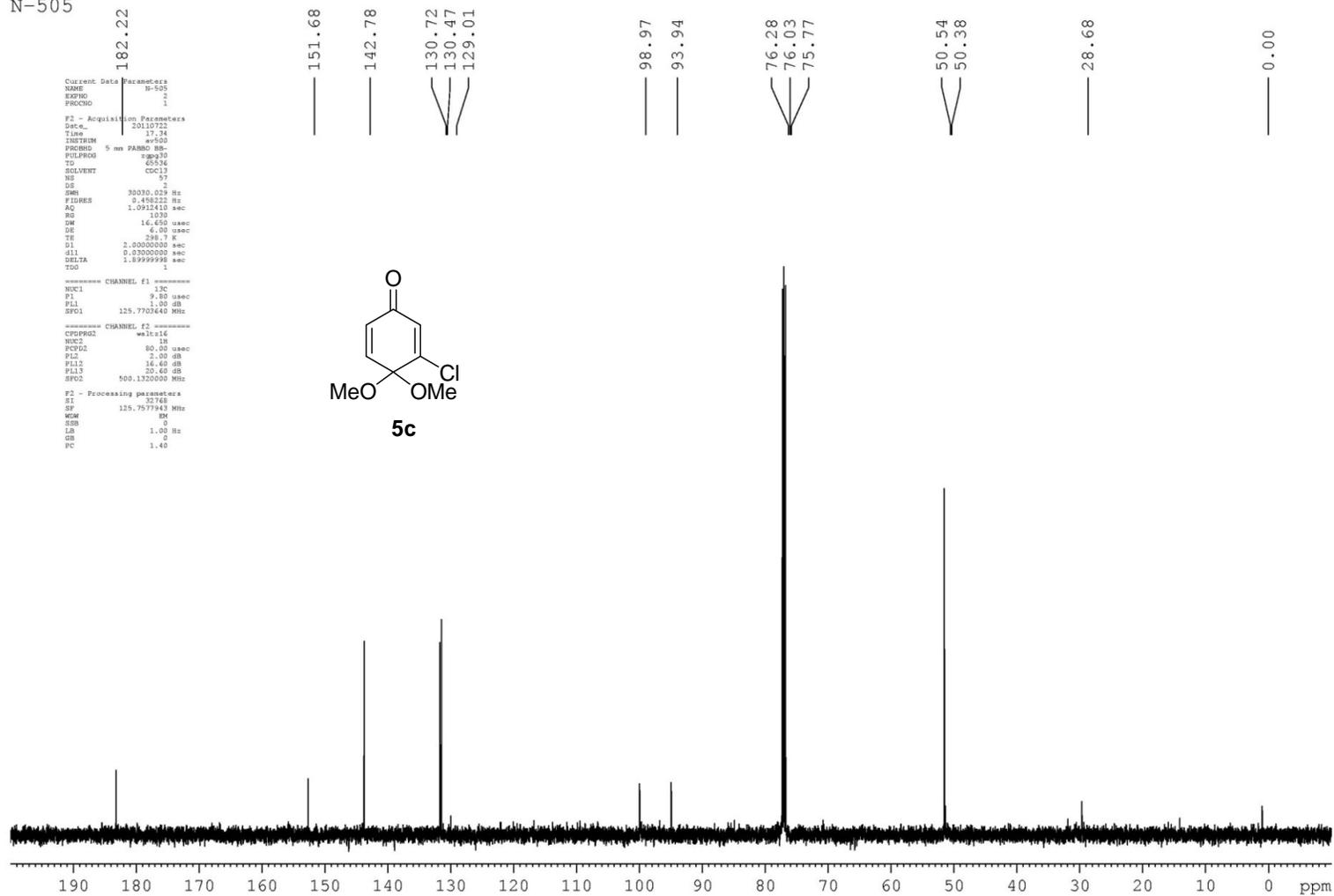
N-504



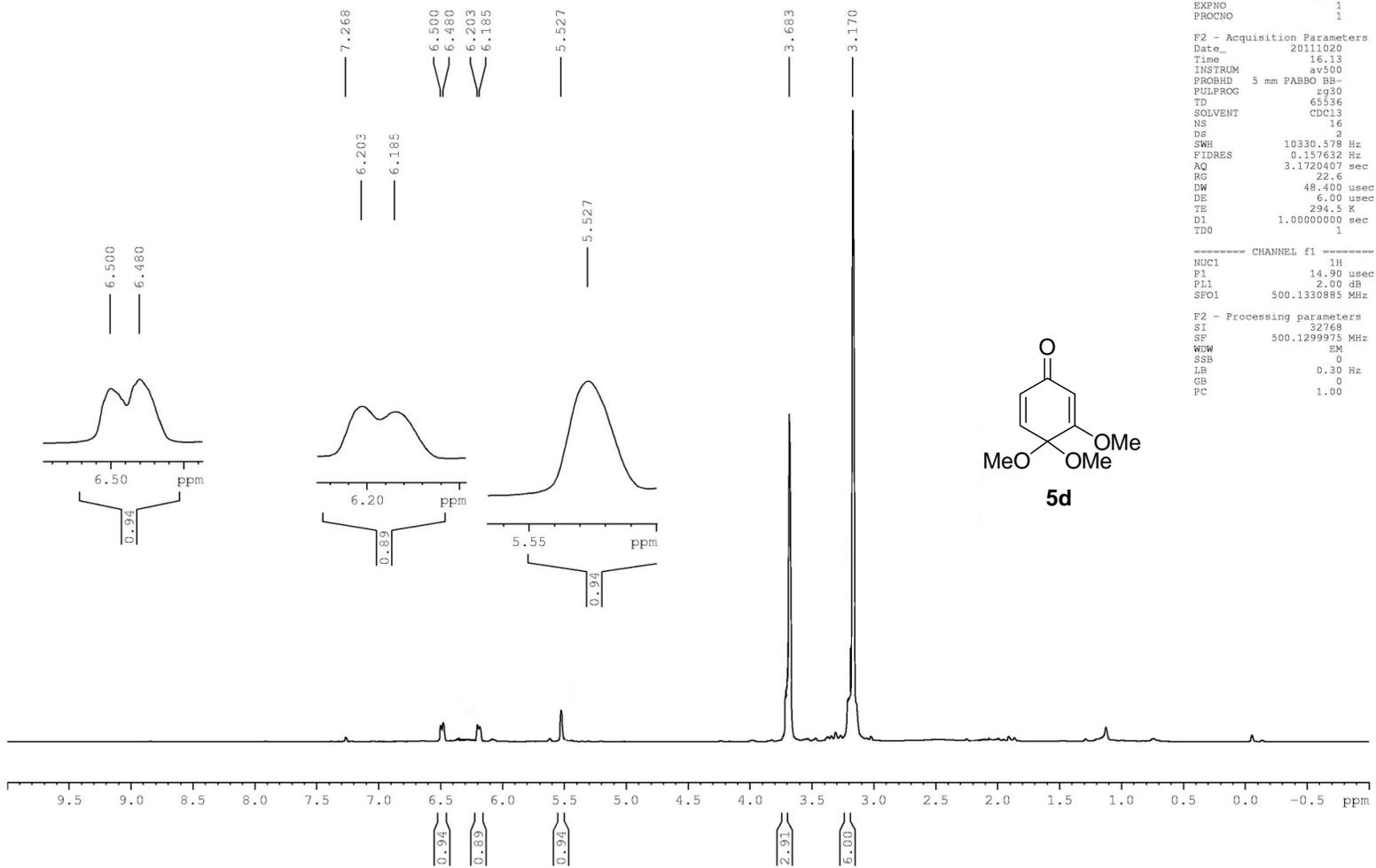
N-505

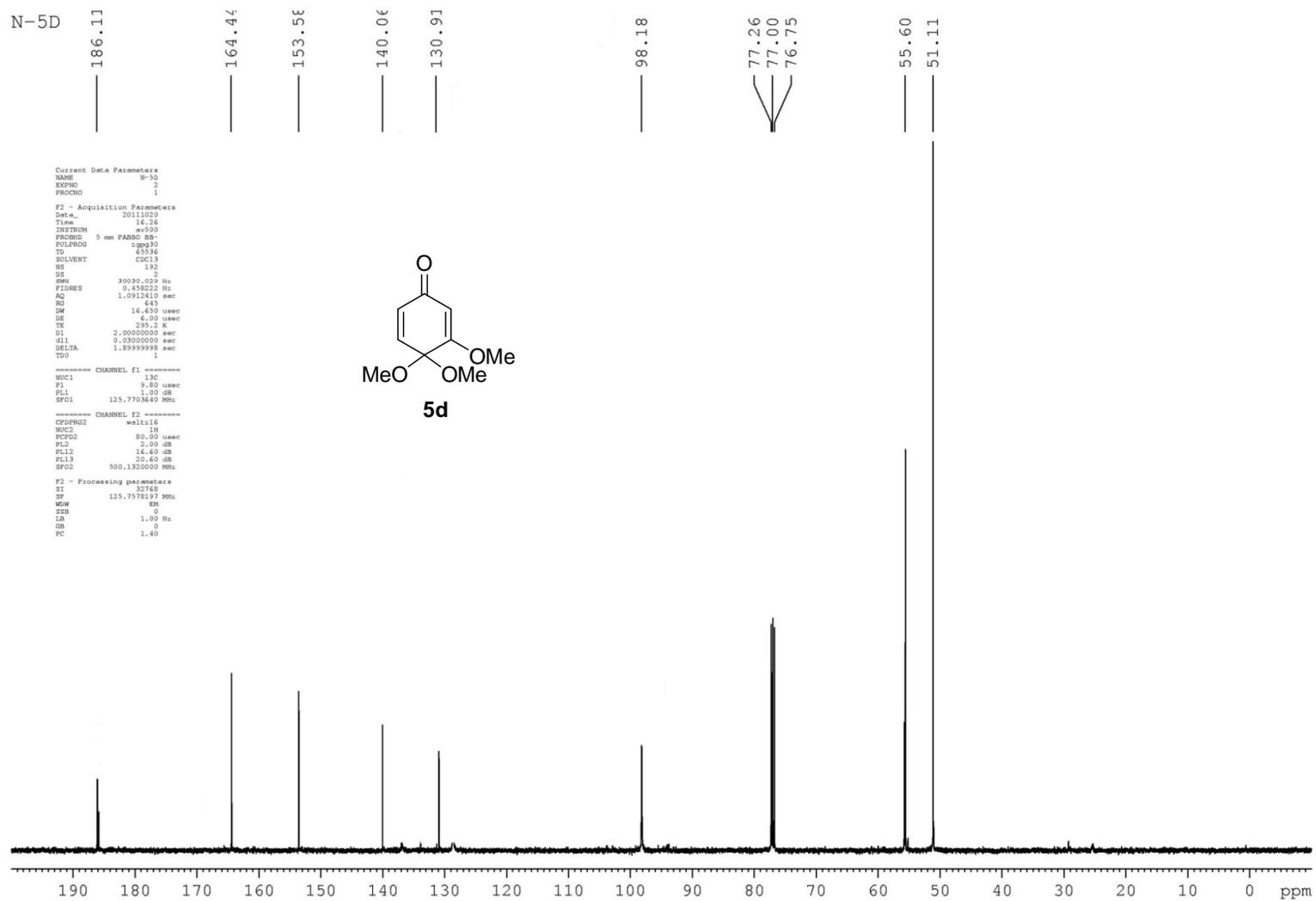


N-505

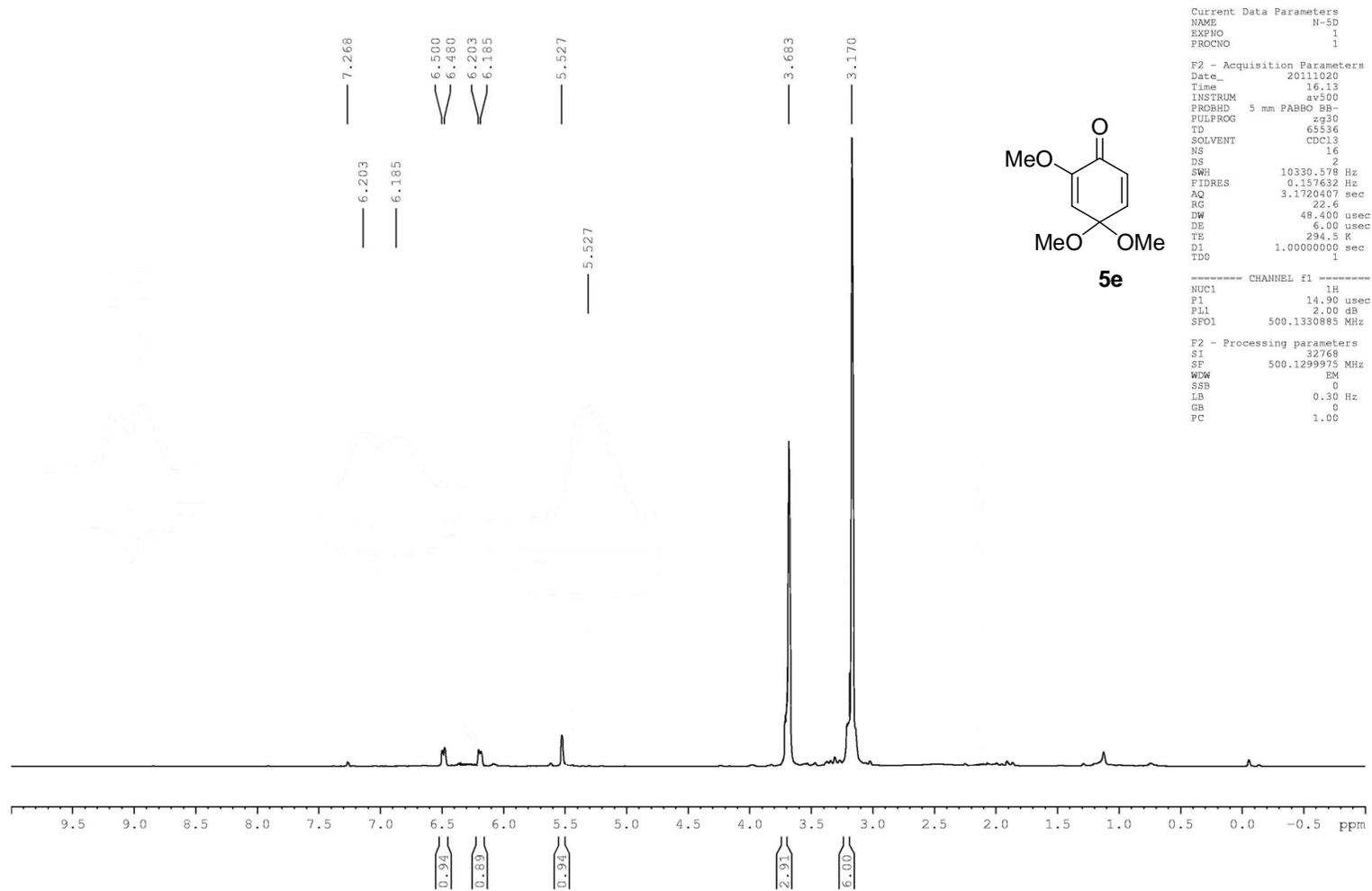


N-5D

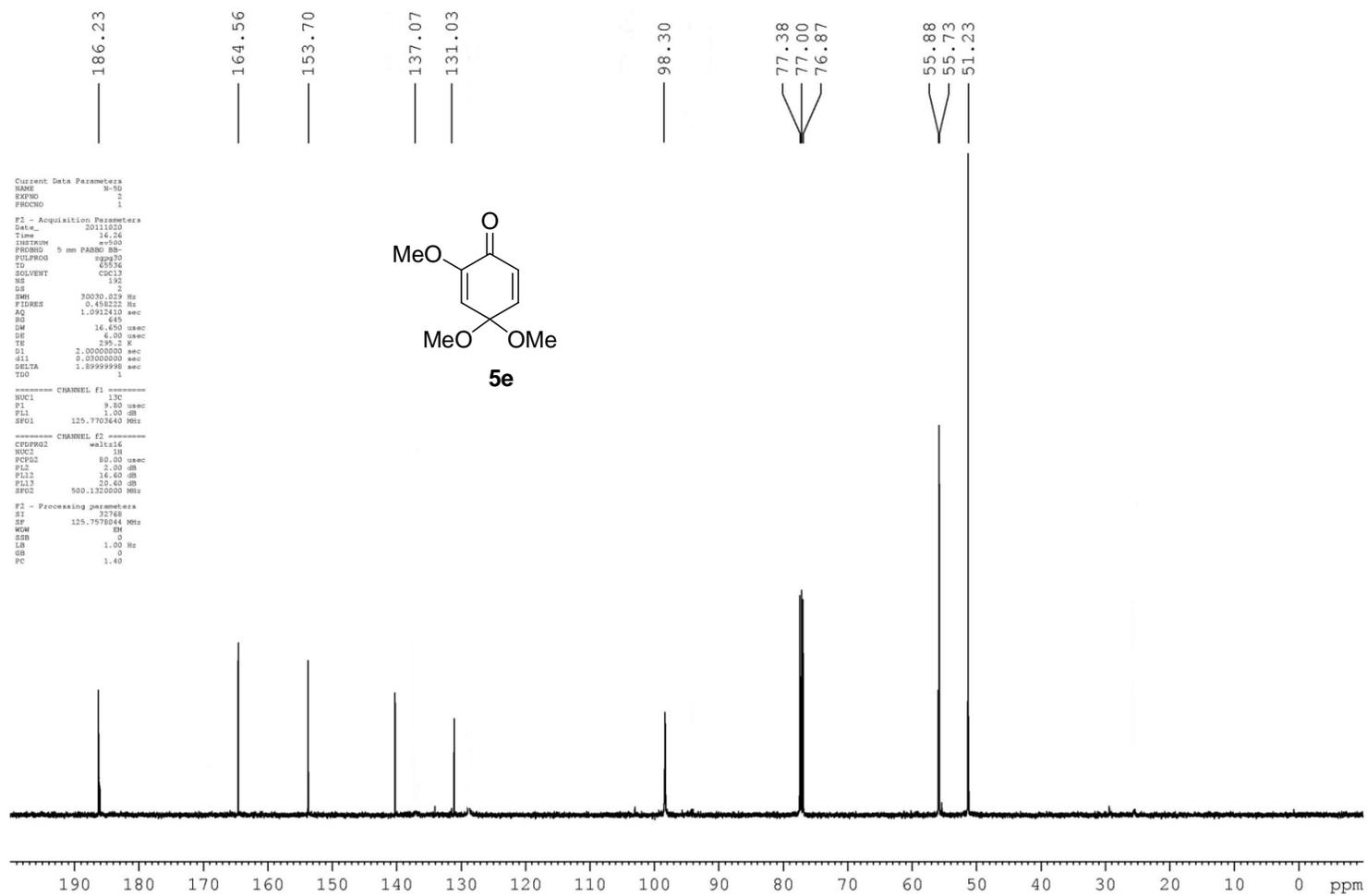




N-5

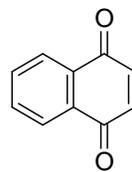


N-5

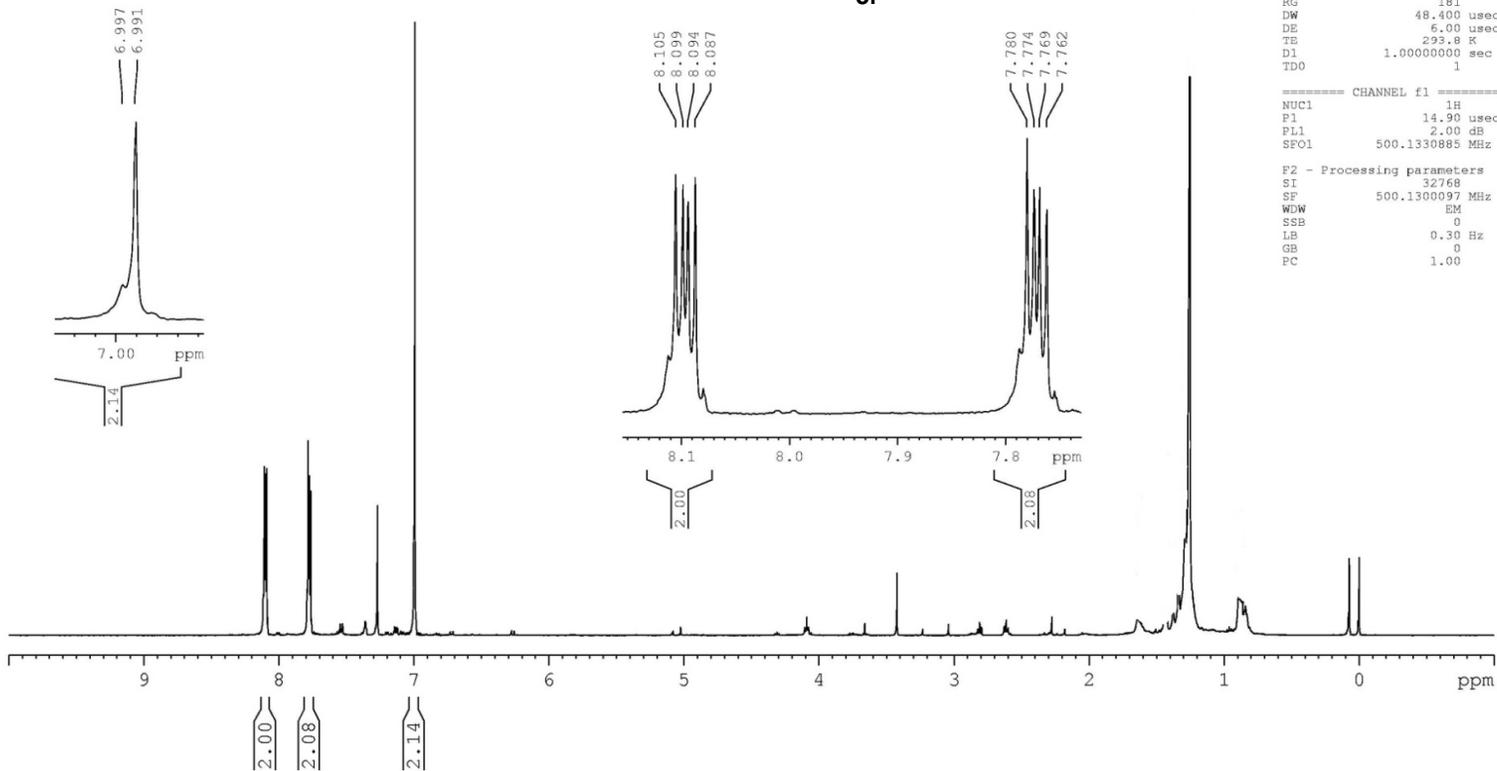


N-507-2-1

8.105
8.099
8.094
8.087
7.780
7.774
7.769
7.762
7.267
6.997
6.991



5f



Current Data Parameters

NAME N-507-2-1
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters

Date_ 20110915
Time 16.37
INSTRUM av500
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 10330.578 Hz
FIDRES 0.157632 Hz
AQ 3.1720407 sec
RG 181
DW 48.400 usec
DE 6.00 usec
TE 293.8 K
D1 1.00000000 sec
TDO 1

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

NUC1 1H
P1 14.90 usec
PL1 2.00 dB
SFO1 500.1330885 MHz

F2 - Processing parameters

SI 32768
SF 500.1330097 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

N-507-2-1

