

Supporting Information

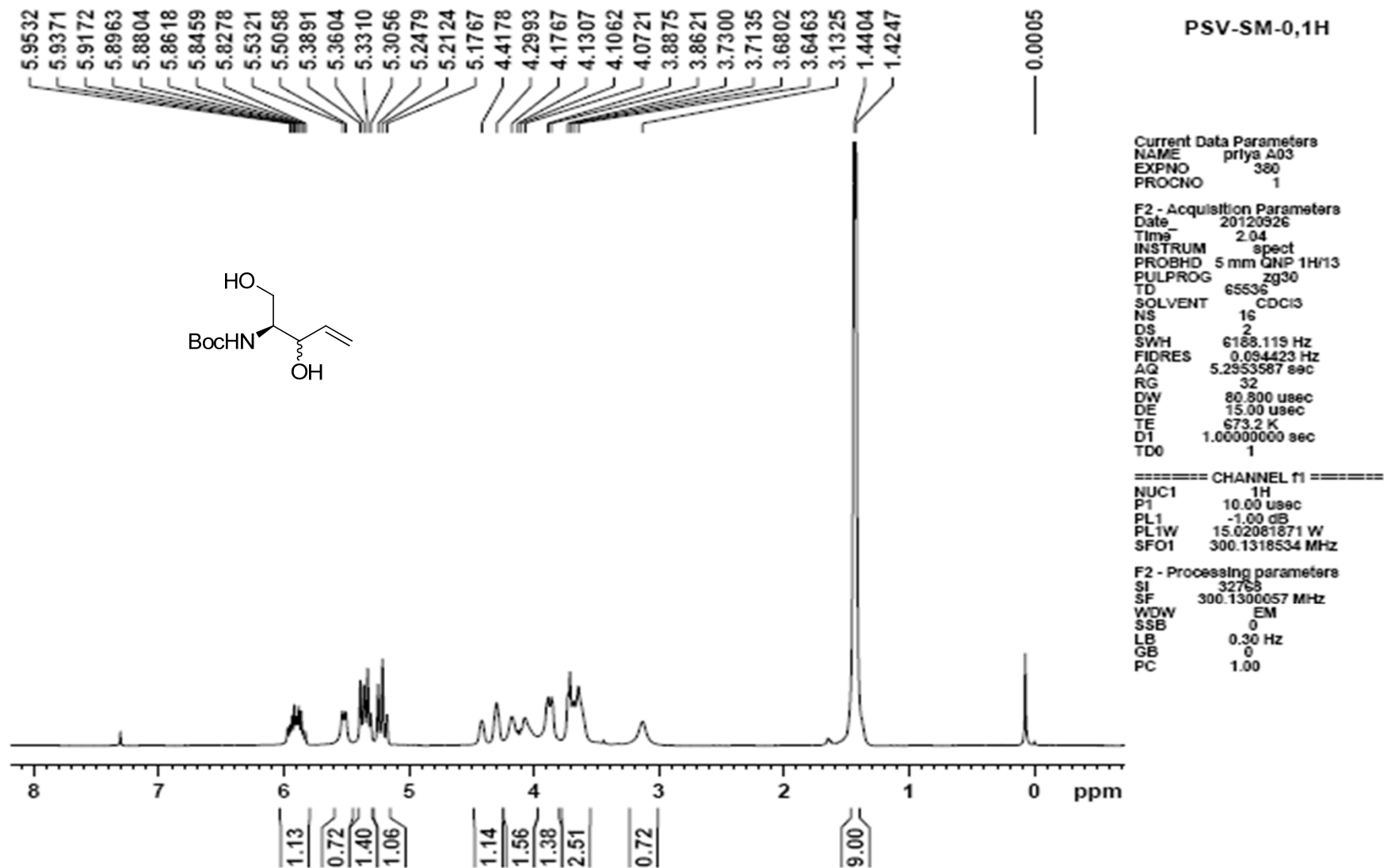
Intramolecular *5-endo*-Trig Aminopalladation of β -hydroxy- γ -alkenylamine: Efficient Route to a Pyrrolidine Ring and Its Application for the Synthesis of (-)-8,8a-di-*epi*-swainsonine

Priyanka Singh, Gautam Panda*

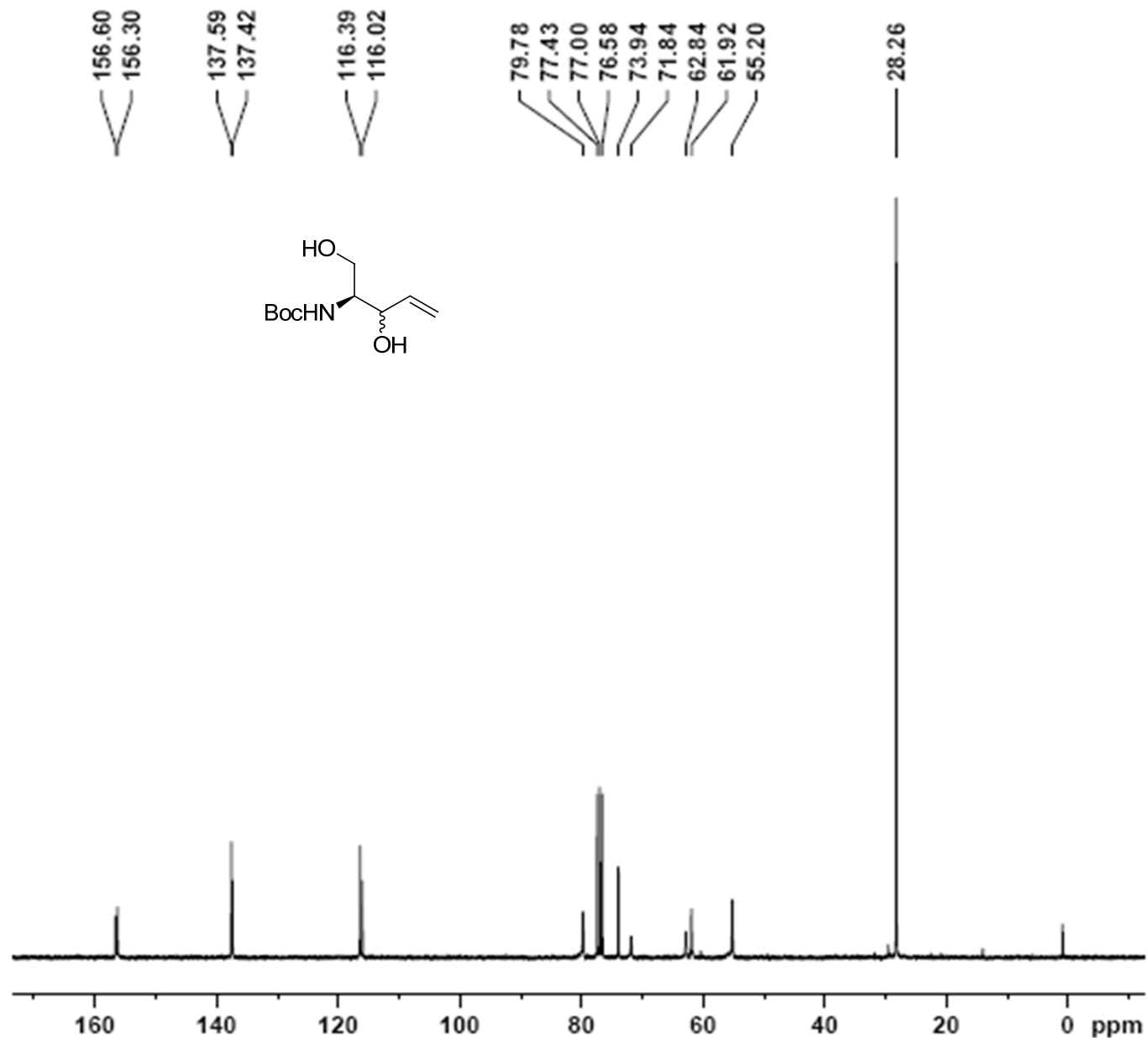
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Table of contents

NMR spectrum	S2- S19
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^1H NMR spectrum of (CDCl_3) of compound **8**



PSV-SM-0,13C

Current Data Parameter
NAME swaln new
EXPNO 480
PROCNO 1

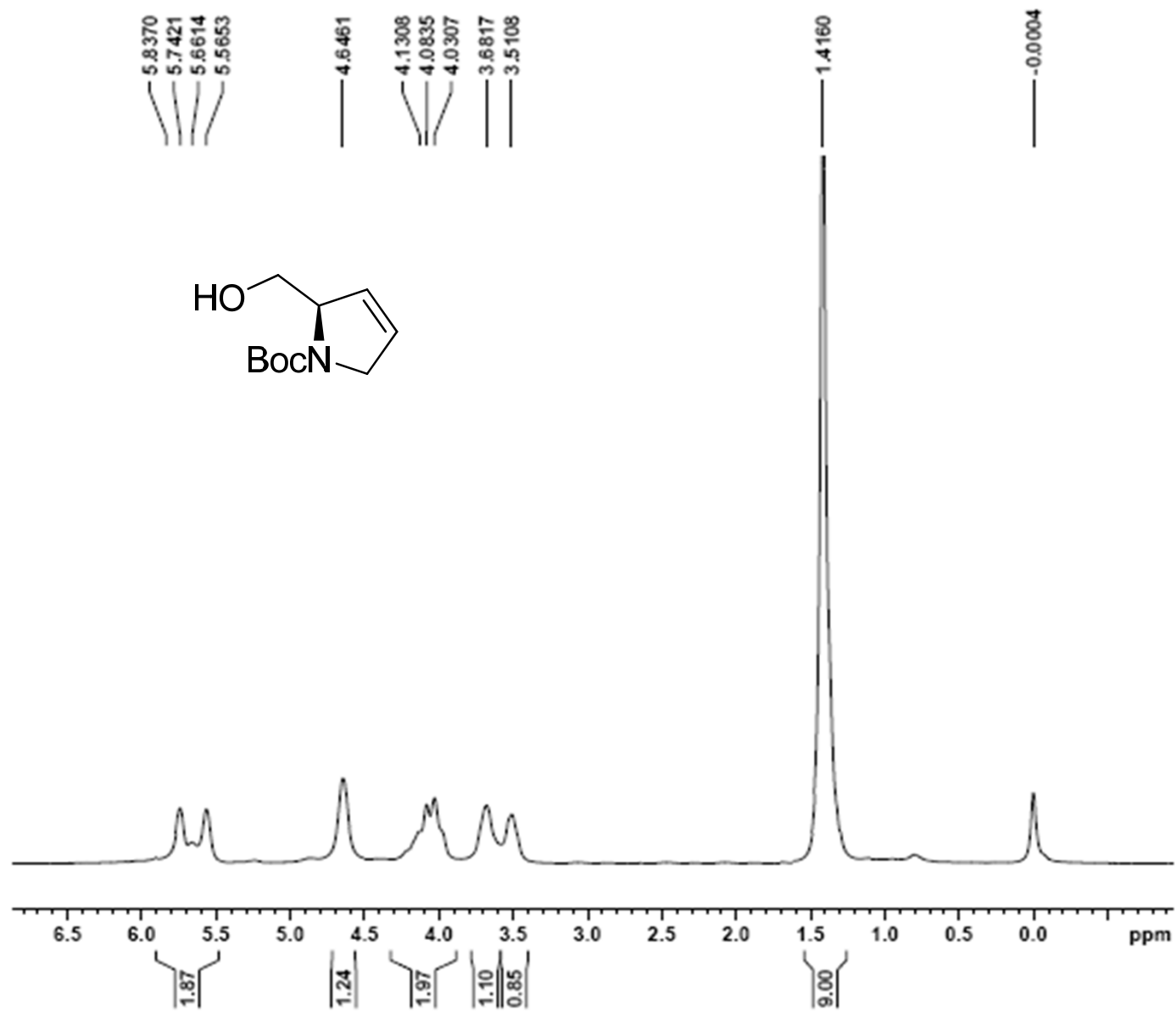
F2 - Acquisition Param
Date_ 20120930
Time_ 0.26
INSTRUM spect
PROBHD 5 mm QNP 1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 512
DS 4
SWH 18028.846 H
FIDRES 0.275098 H
AQ 1.8175818 sec
RG 2050
DW 27.733 usec
DE 15.00 usec
TE 673.2 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

==== CHANNEL f1
NUC1 13C
P1 8.15 usec
PL1 -3.00 dB
PL1W 55.13053616
SFO1 75.4752953 M

==== CHANNEL f2
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PL2 -1.00 dB
PL12 17.06 dB
PL13 21.00 dB
PL2W 15.02081871
PL12W 0.23479761
PL13W 0.09477496
SFO2 300.1312005

F2 - Processing param
SI 32768

¹³C NMR spectrum of (CDCl₃) of compound 8



PSV-L-10,1H

Current Data Parameters
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EXPNO 400
PROCNO 1

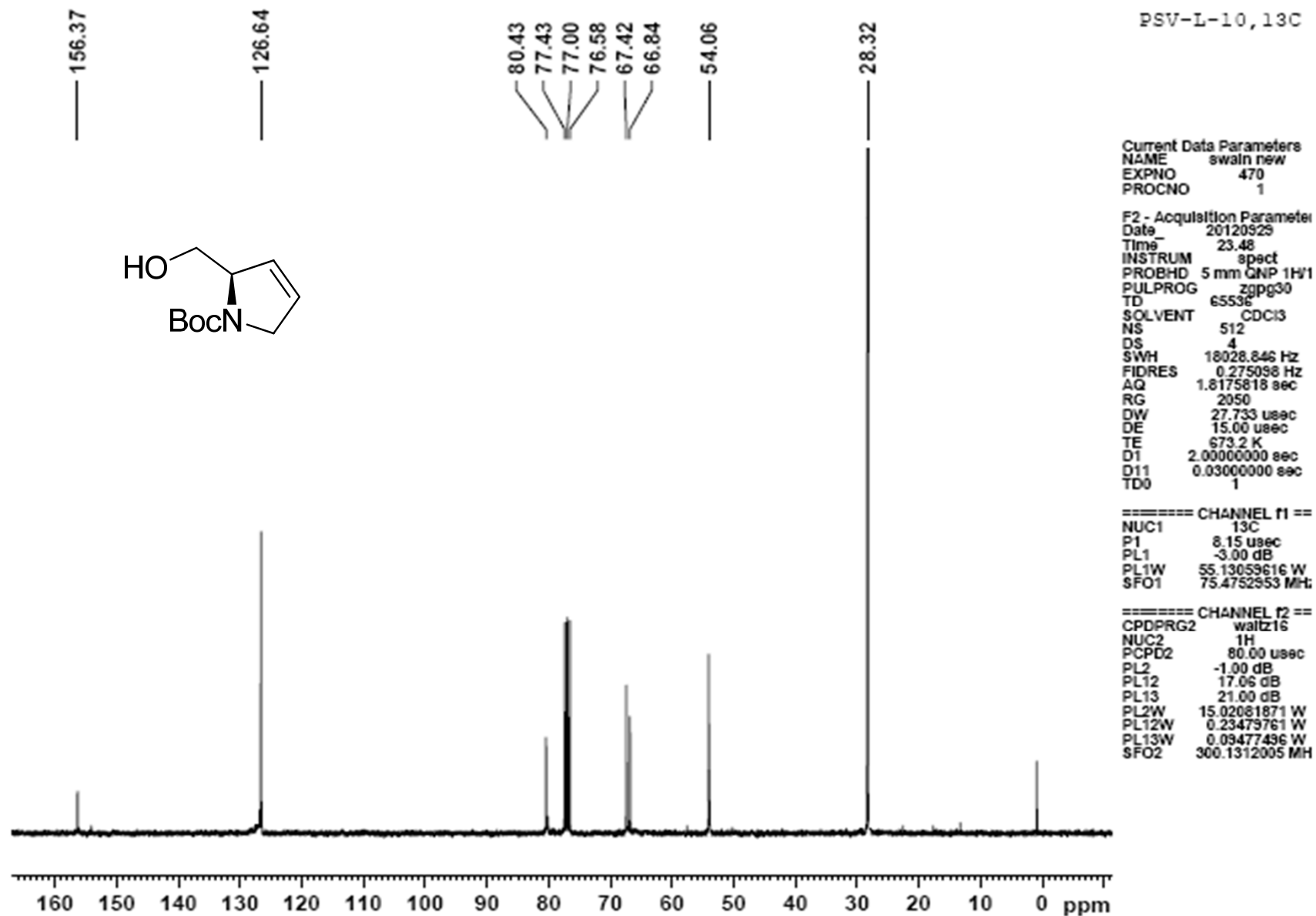
F2 - Acquisition Parameters
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Time_ 2.18
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PROBHD 5 mm QNP 1H/13
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SWH 6188.119 Hz
FIDRES 0.094423 Hz
AQ 5.2953587 sec
RG 45.2
DW 80.800 usec
DE 15.00 usec
TE 673.2 K
D1 1.0000000 sec
TD0 1

===== CHANNEL f1 =====
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P1 10.00 usec
PL1 -1.00 dB
PL1W 15.02081871 W
SFO1 300.1318534 MHz

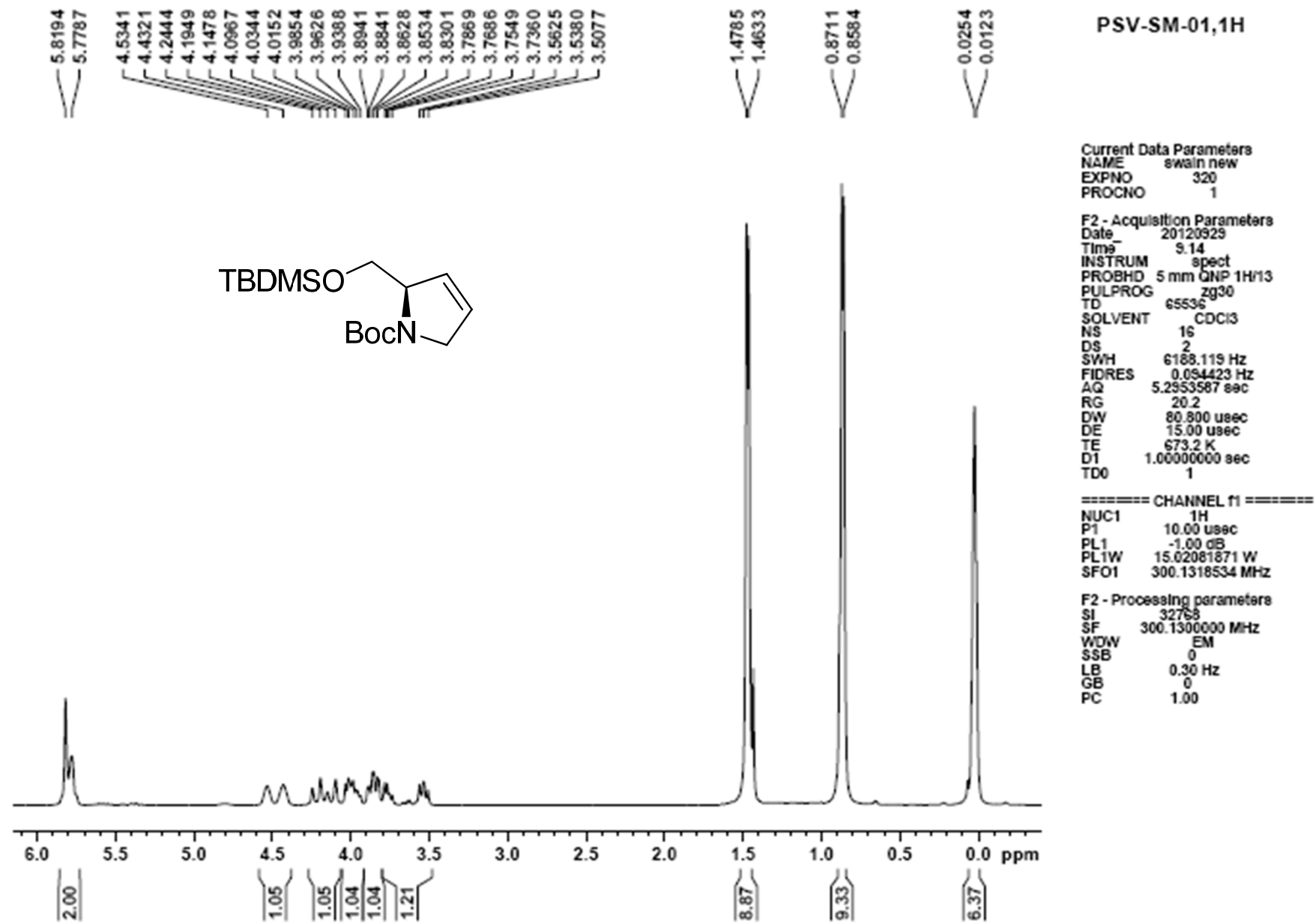
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SI 32768
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WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹H NMR spectrum (CDCl₃) of compound 6

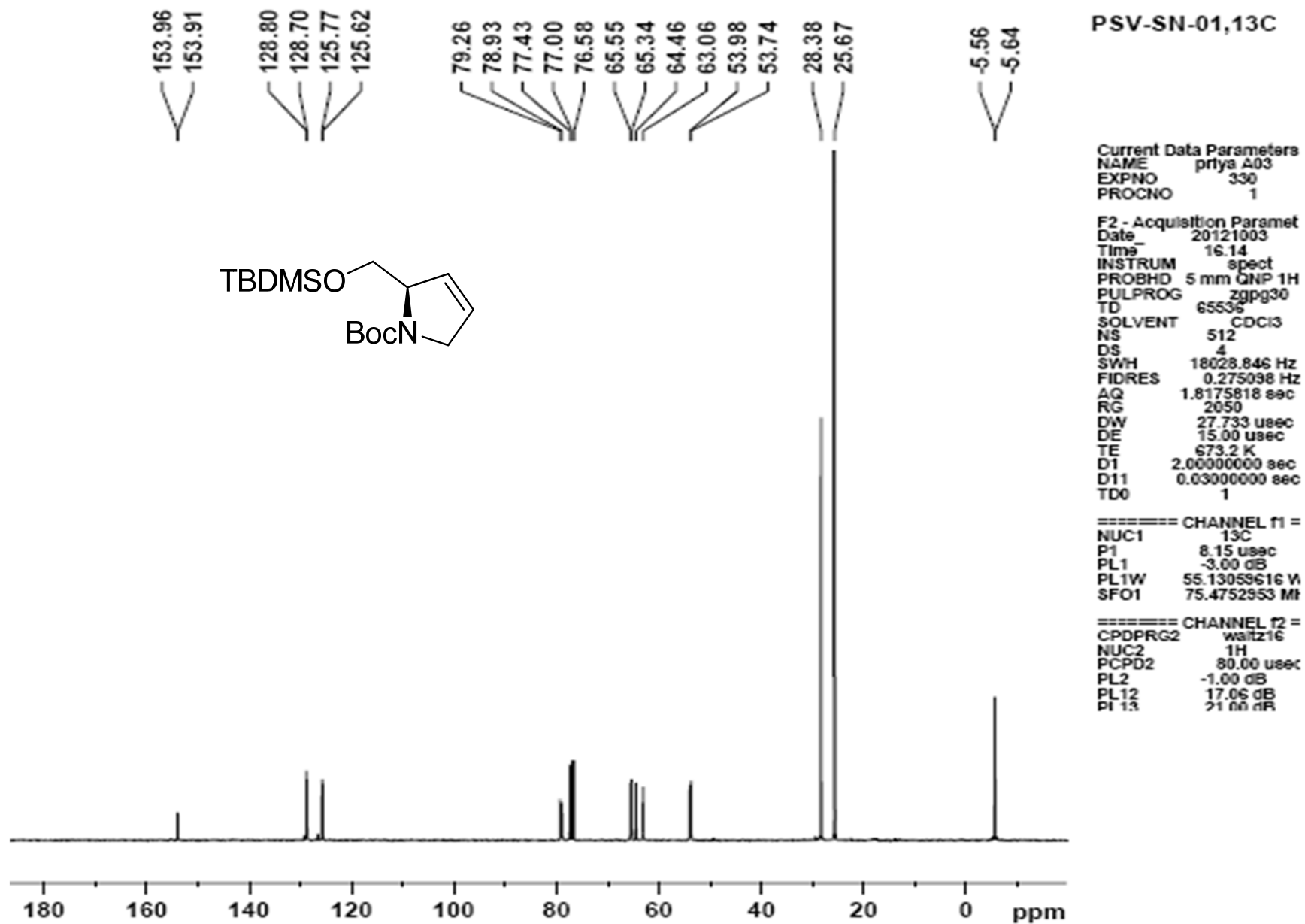
S4



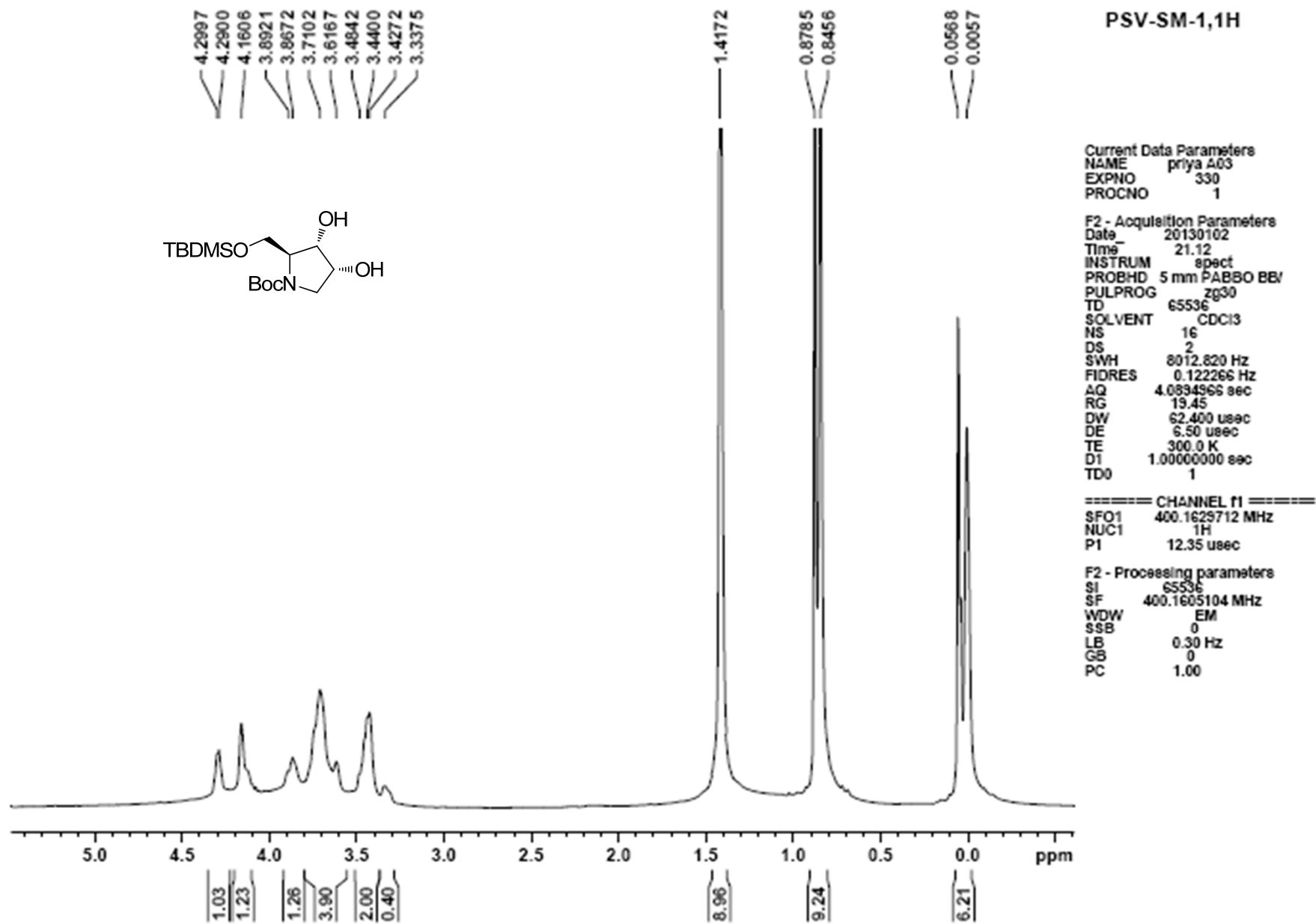
^{13}C NMR spectrum (CDCl_3) of compound **6**



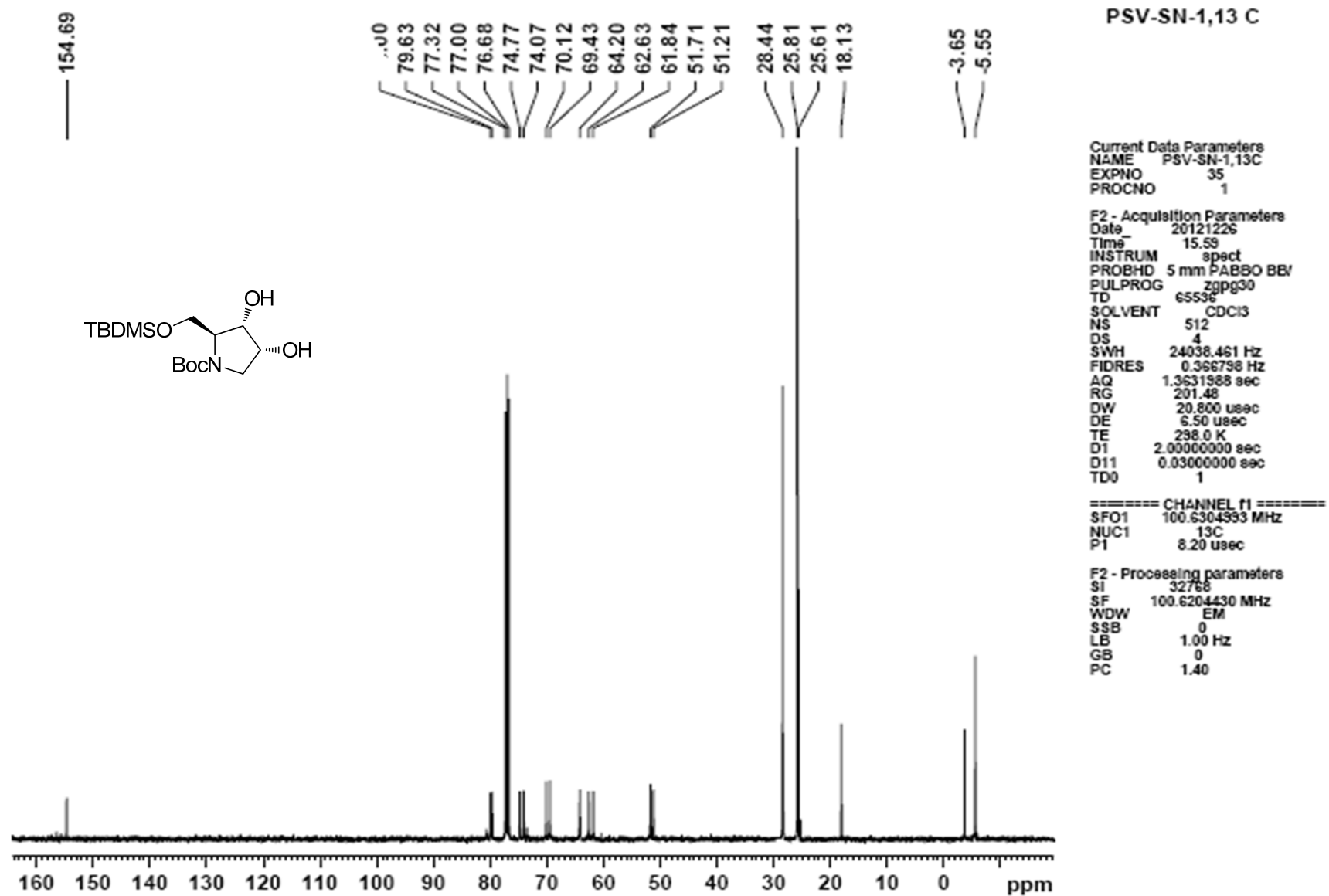
¹H NMR spectrum (CDCl₃) of compound 9



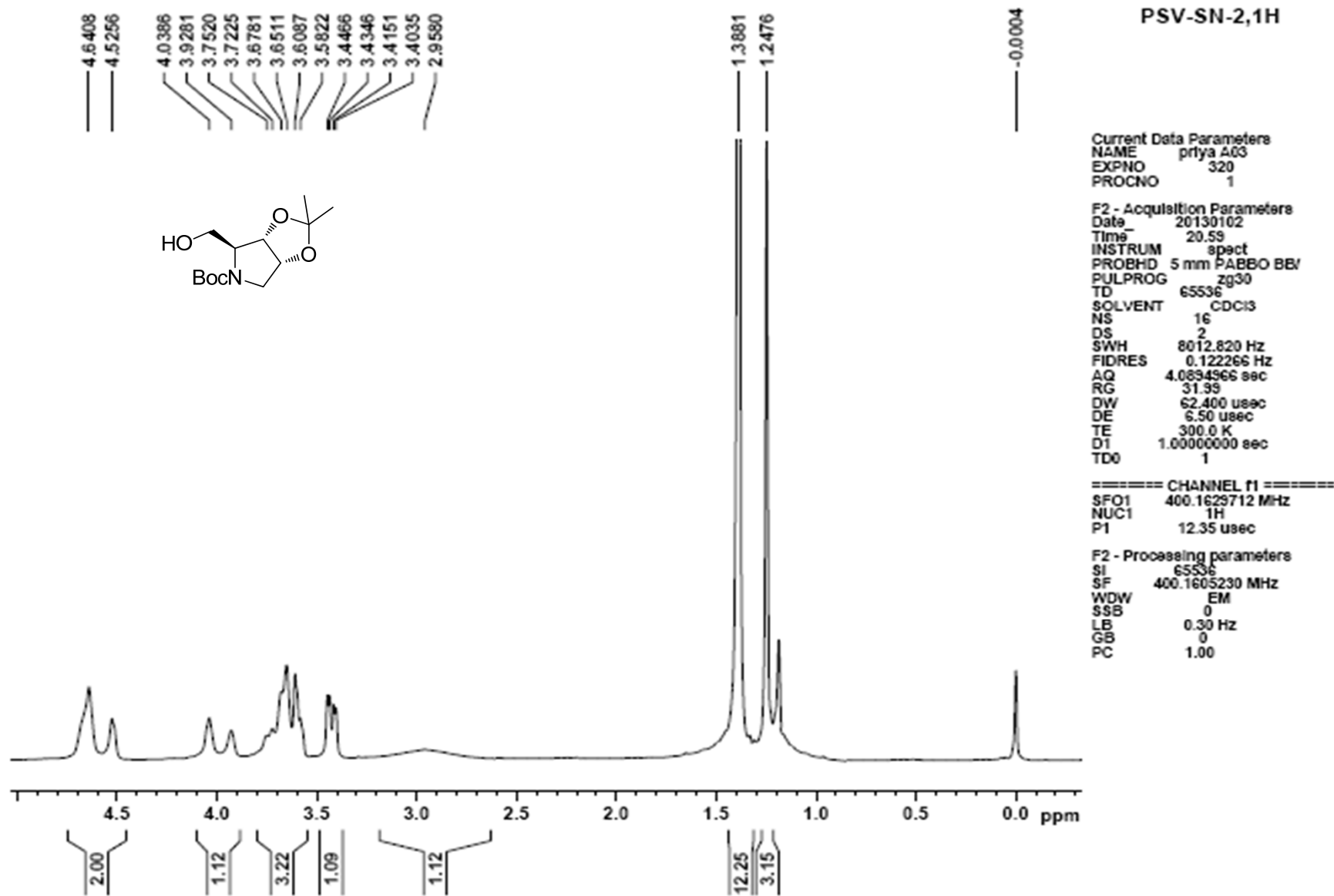
^{13}C NMR spectrum (CDCl_3) of compound **9**



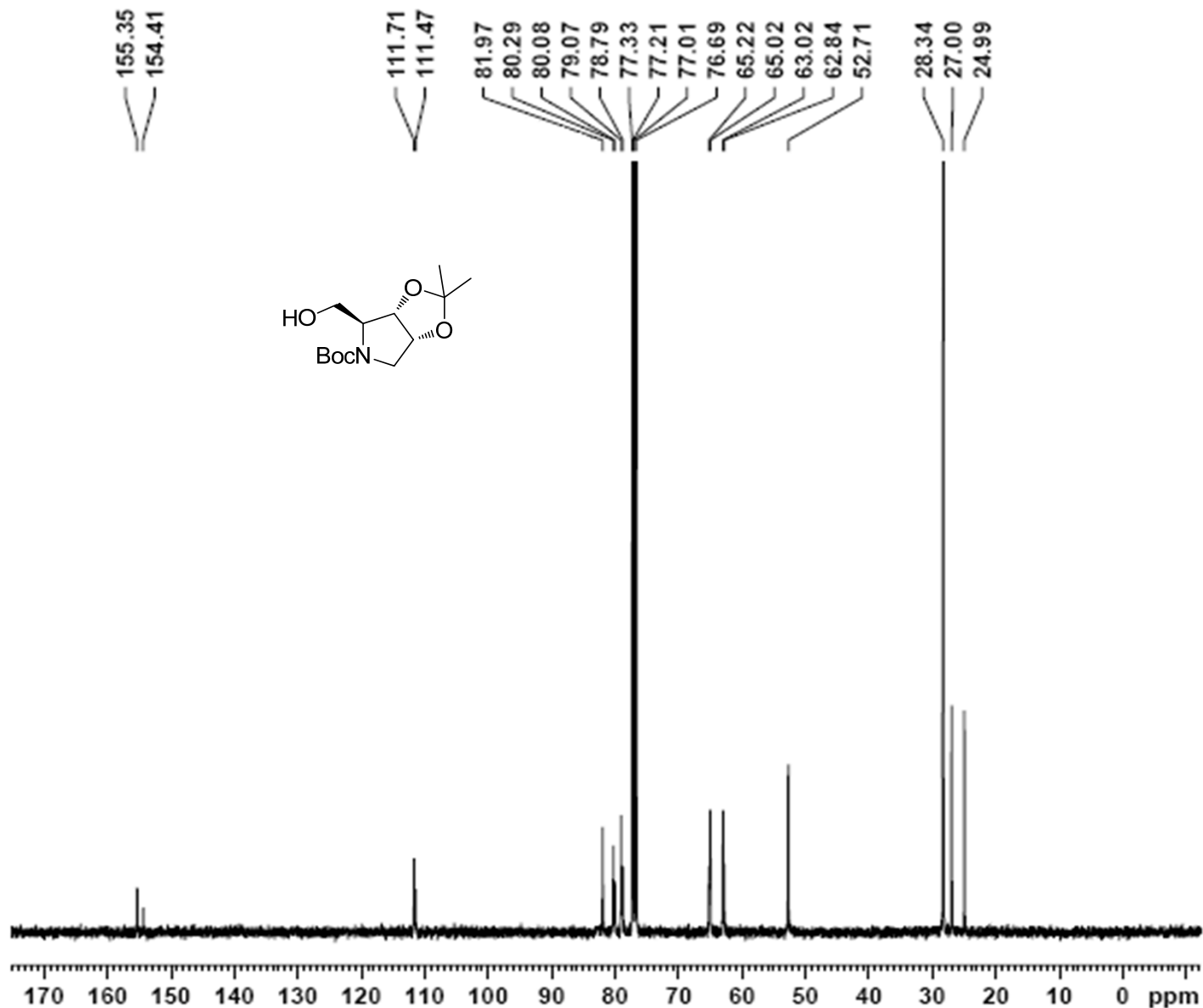
¹H NMR spectrum (CDCl₃) of compound **10**



^{13}C NMR spectrum (CDCl_3) of compound **10**
S9



¹H NMR spectrum (CDCl₃) of compound **11**
S10



PSV-SN-2,13 C

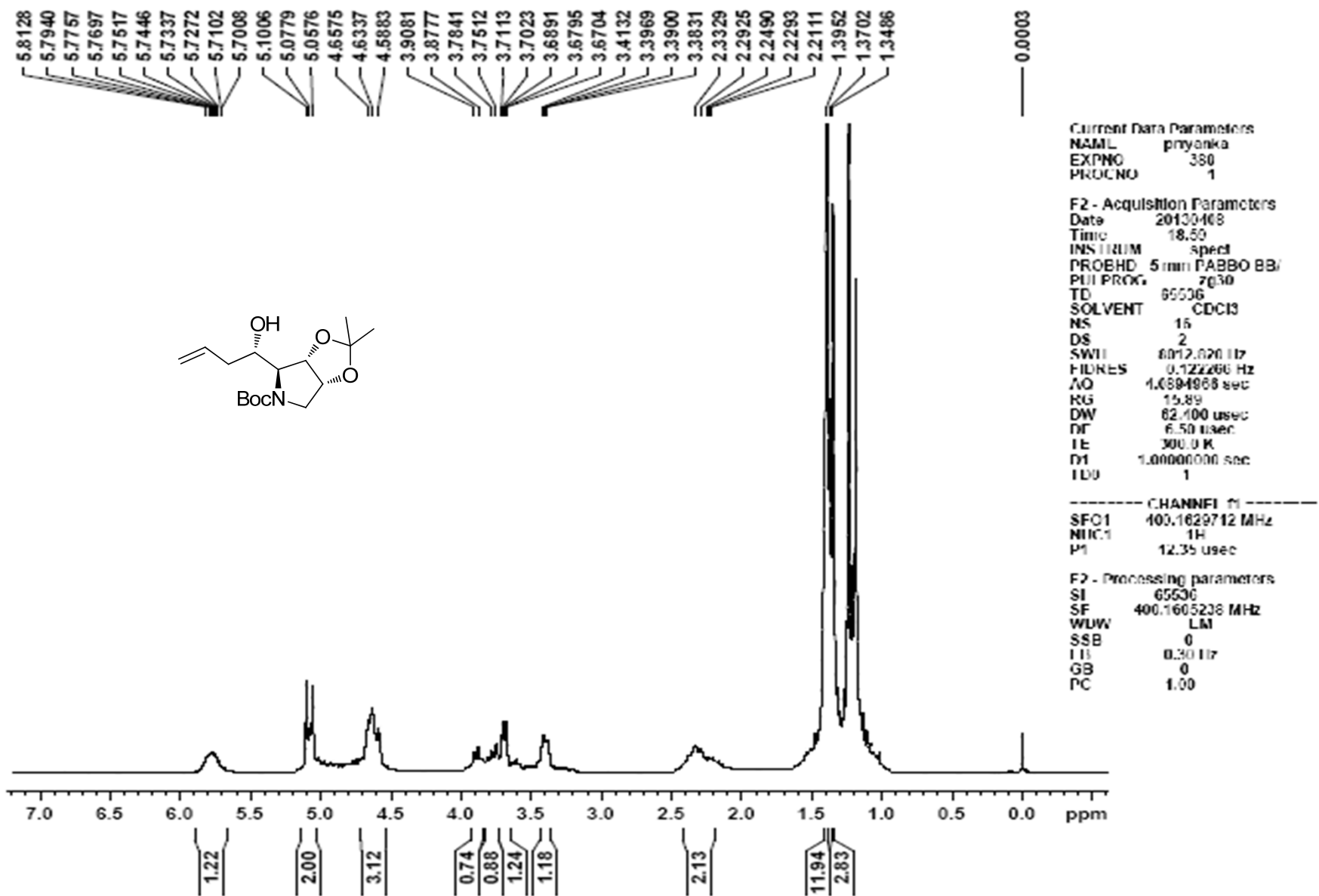
Current Data Parameters
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EXPNO 36
PROCNO 1

F2 - Acquisition Parameters
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PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 512
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
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RG 201.48
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DE 6.50 usec
TE 298.0 K
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

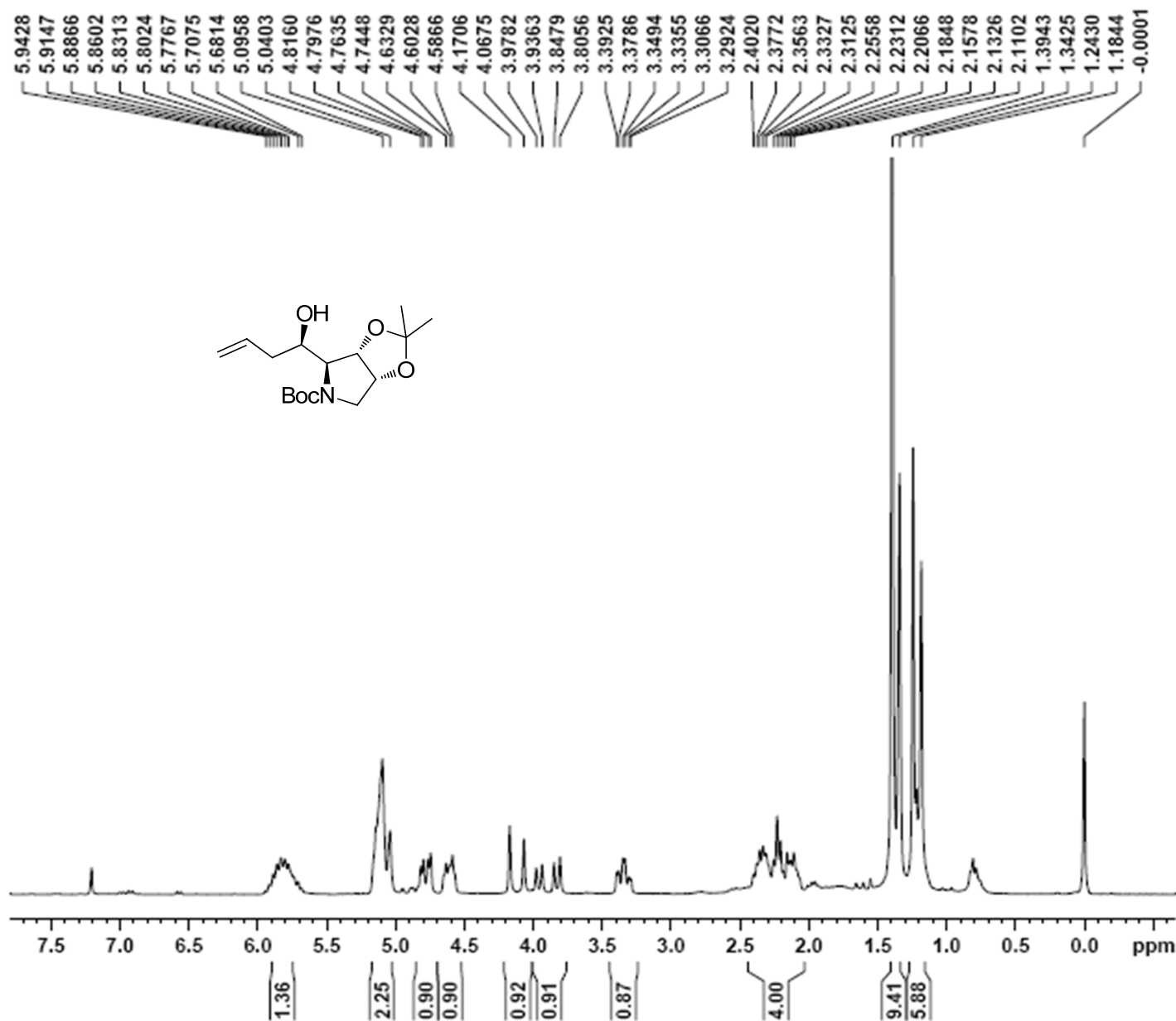
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SFO1 100.6304993 MHz
NUC1 13C
P1 8.20 usec

F2 - Processing parameters
SI 32768
SF 100.6204431 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

¹³C NMR spectrum (CDCl₃) of compound 11
S11



¹H spectrum (CDCl₃) of compound 13



Current Data Parameters
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EXPNO 360
PROCNO 1

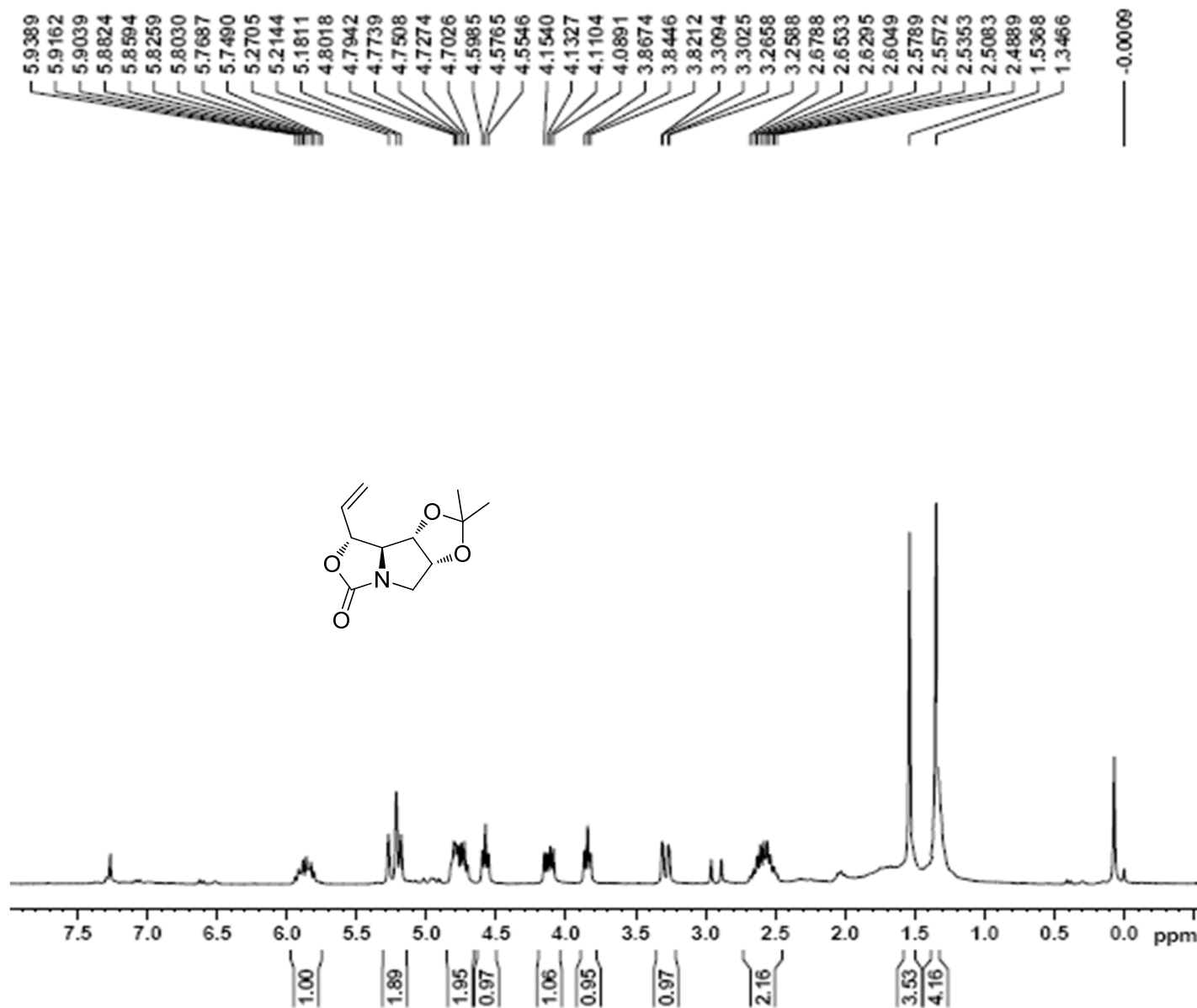
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Time 7.19
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PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 8
DS 0
SWH 7211.539 Hz
FIDRES 0.110039 Hz
AQ 4.5438795 sec
RG 50.8
DW 69.333 usec
DE 15.00 usec
TE 673.2 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 10.00 usec
PL1 -1.00 dB
PL1W 15.02081871 W
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1300235 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

¹H NMR spectrum (CDCl₃) of compound 14

S13



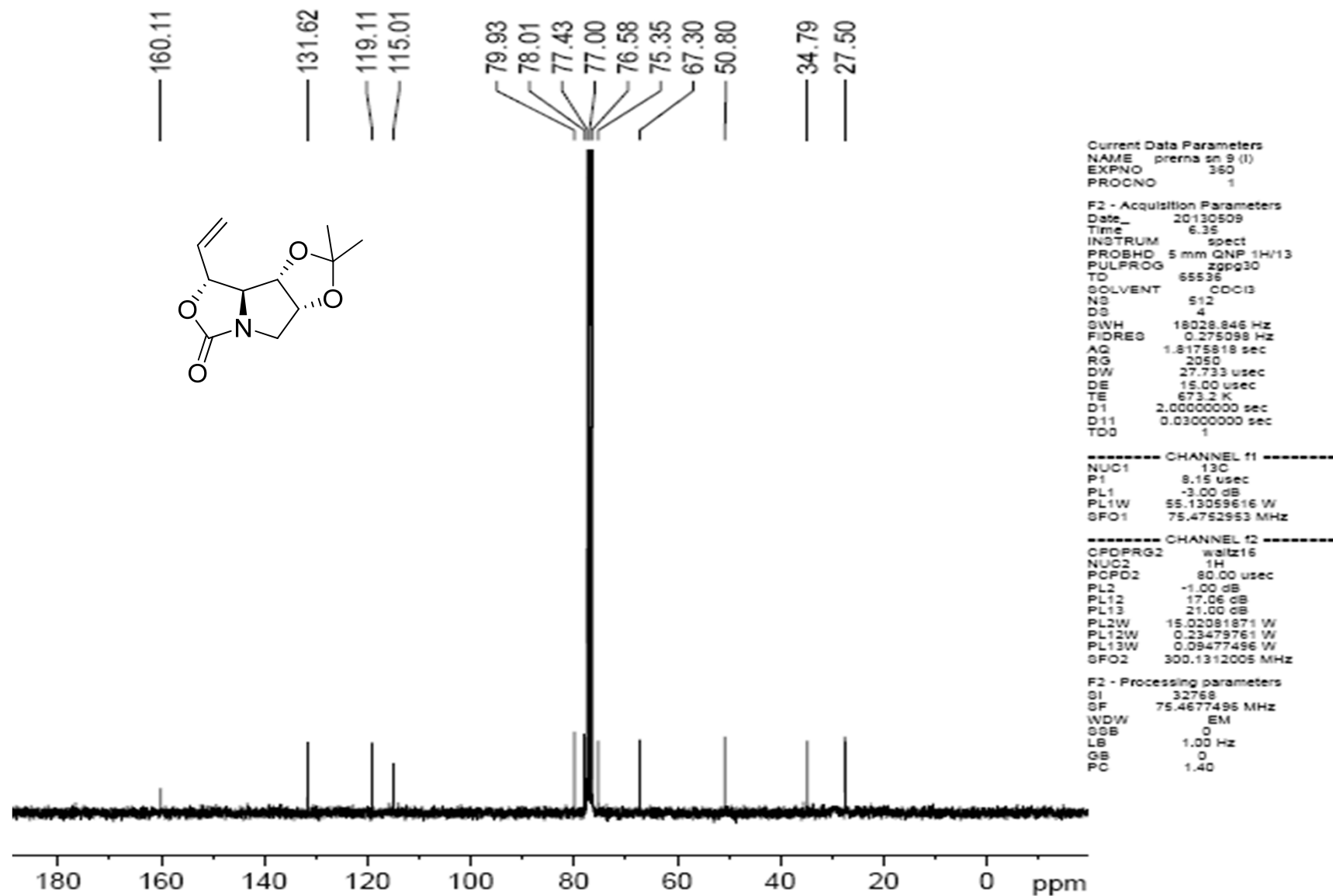
Current Data Parameters
NAME priya A03
EXPNO 340
PROCNO 1

F2 - Acquisition Parameters
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PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 8
DS 0
SWH 6188.119 Hz
FIDRES 0.094423 Hz
AQ 5.2953587 sec
RG 181
DW 80.800 usec
DE 15.00 usec
TE 673.2 K
D1 1.00000000 sec
TD0 1

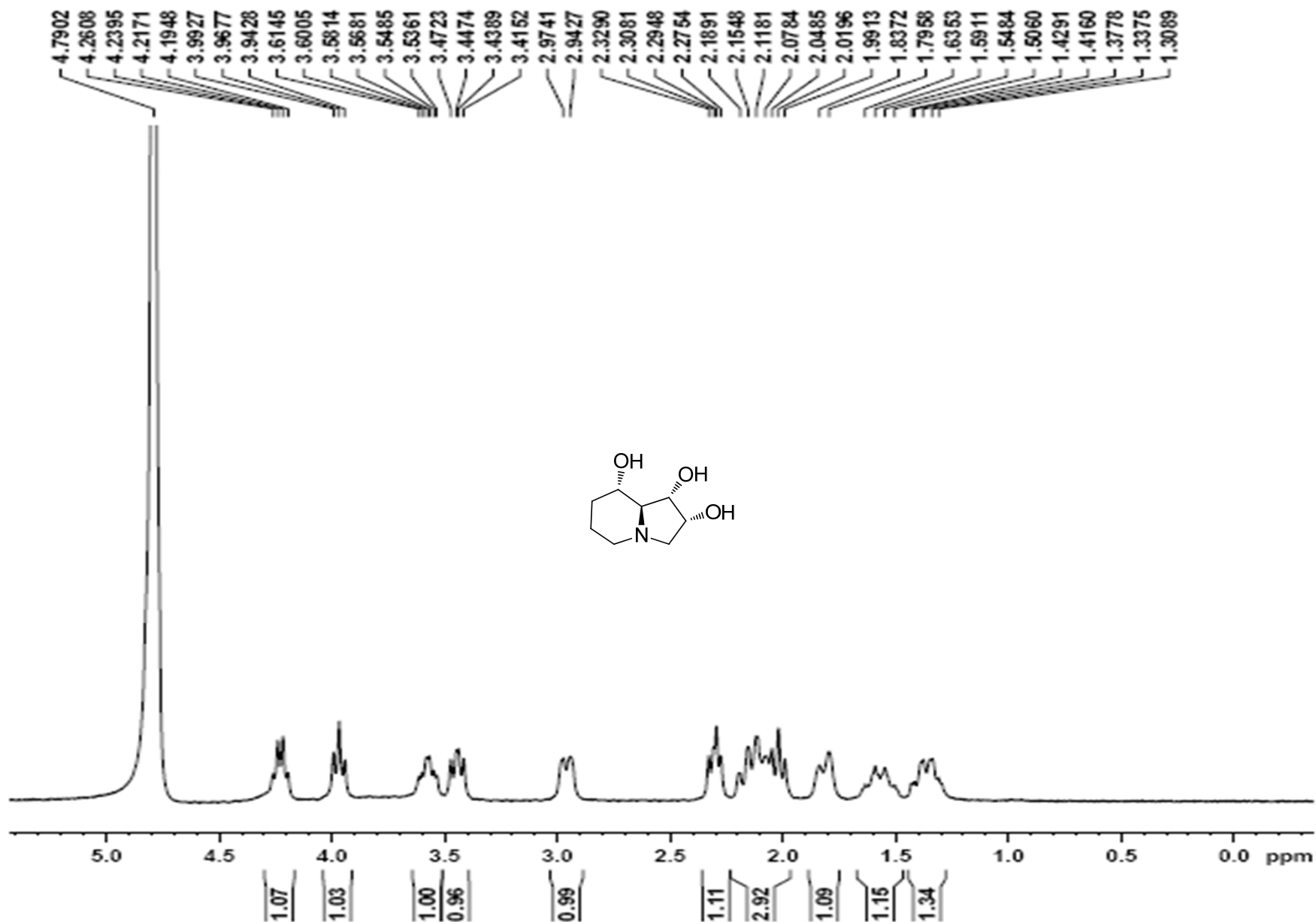
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F2 - Processing parameters
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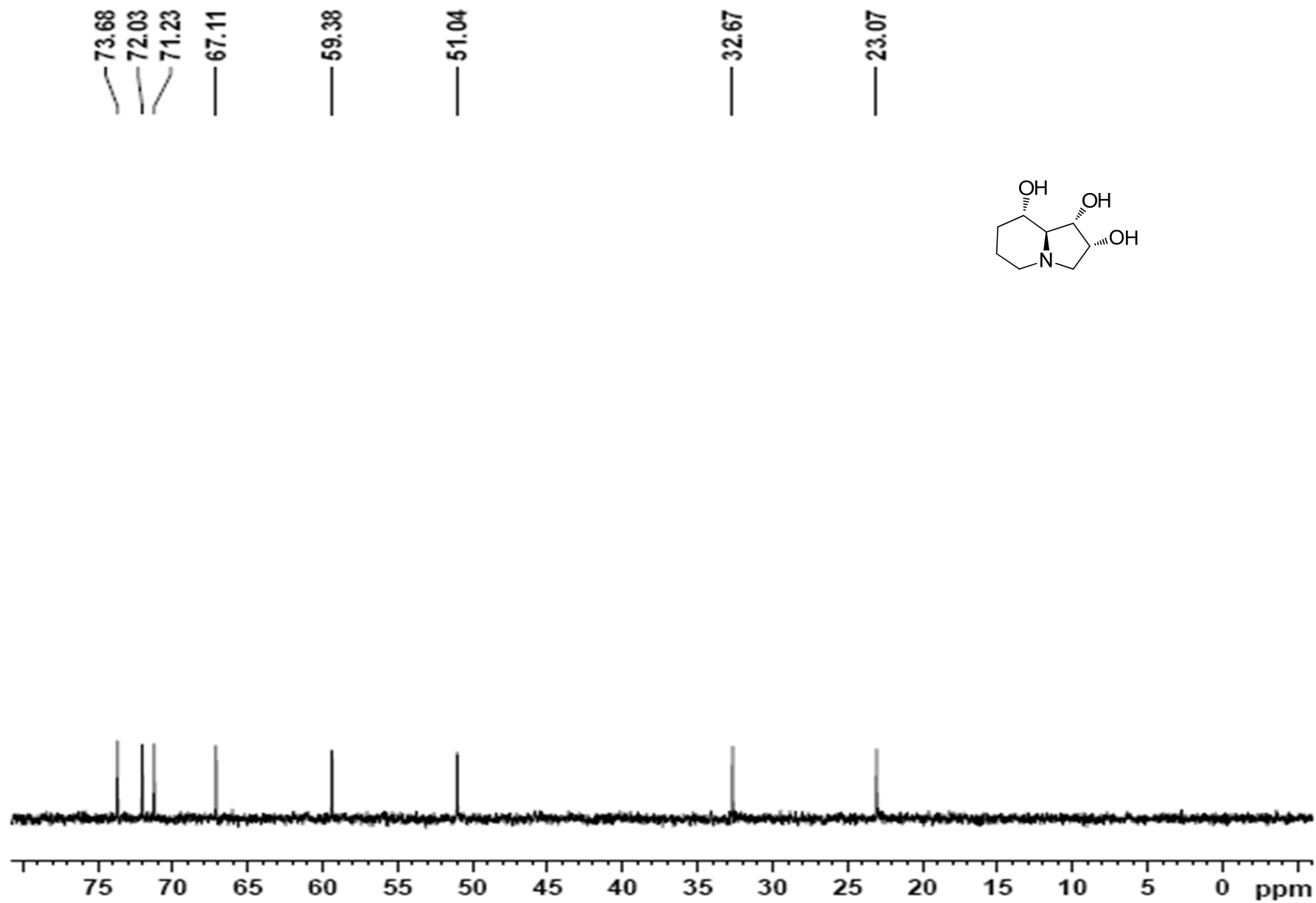
¹H NMR spectrum (CDCl₃) of compound 15
S14



¹³C NMR spectrum (CDCl₃) of compound 15
S15



¹H NMR spectrum (D₂O) of compound 1



^{13}C NMR spectrum (D_2O) of compound **1**
S19