

STANDARD 1H OBSERVE

Pulse Sequence: s2pul

Solvent: cdcl3

Ambient temperature

File: ad-II-271F#3-9

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Pulse 63.6 degrees

Acq. time 3.744 sec

Width 4000.0 Hz

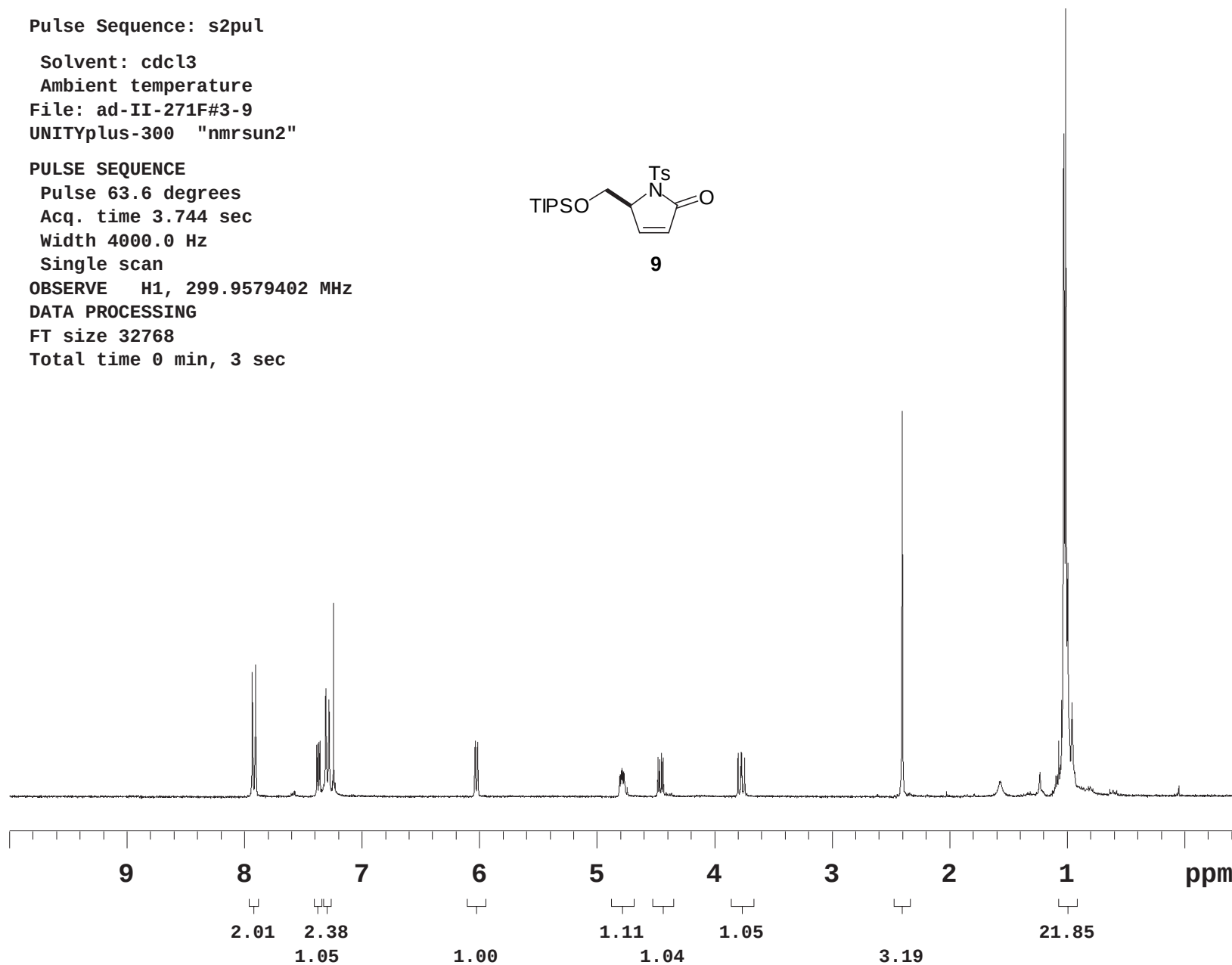
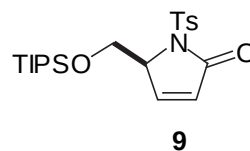
Single scan

OBSERVE H1, 299.9579402 MHz

DATA PROCESSING

FT size 32768

Total time 0 min, 3 sec



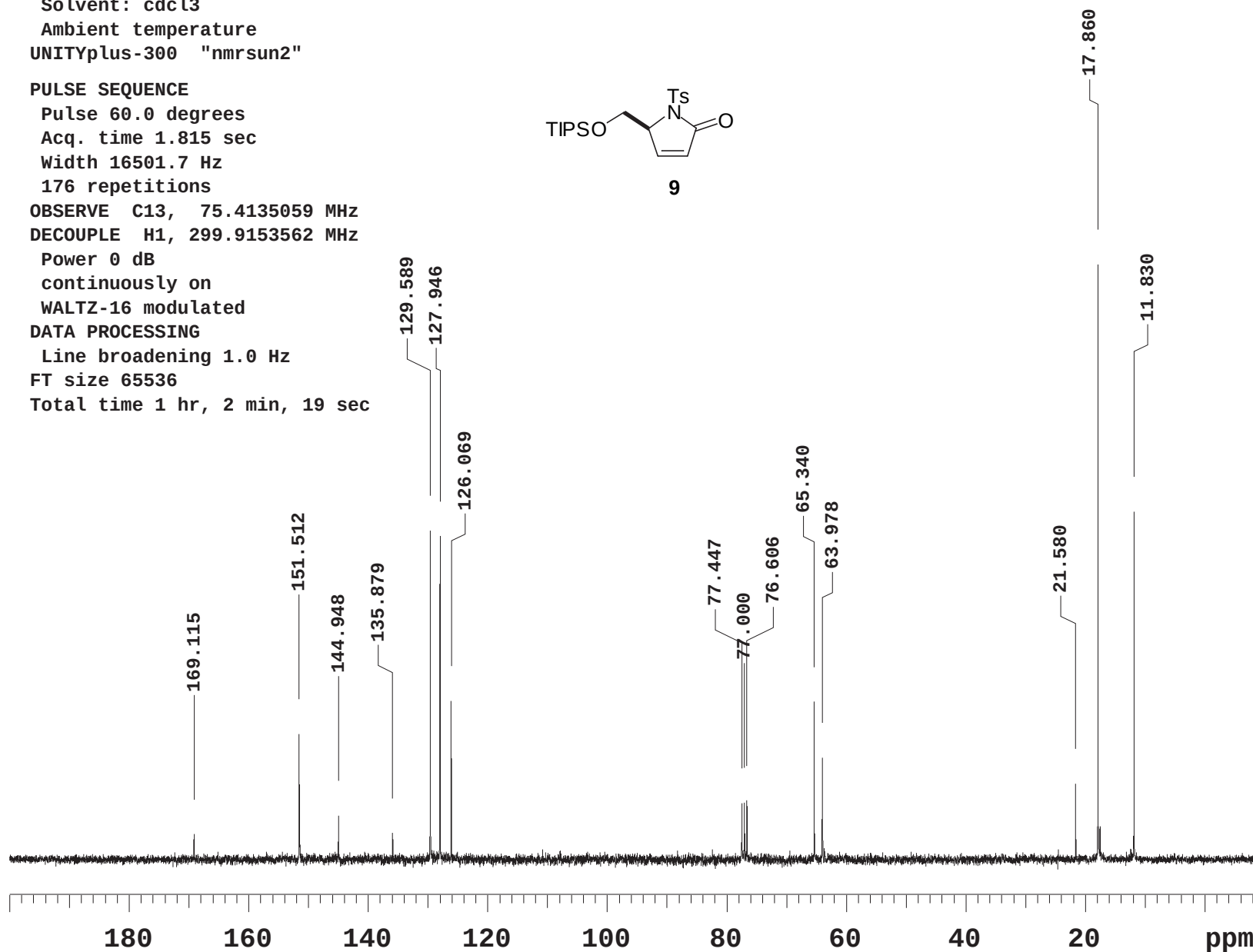
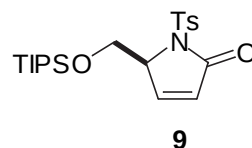
AD-II-267C F#41-55

Pulse Sequence: s2pul

Solvent: cdcl3
Ambient temperature
UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Pulse 60.0 degrees
Acq. time 1.815 sec
Width 16501.7 Hz
176 repetitions
OBSERVE C13, 75.4135059 MHz
DECOUPLE H1, 299.9153562 MHz
Power 0 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
FT size 65536
Total time 1 hr, 2 min, 19 sec



AD-I-176 F#69-80

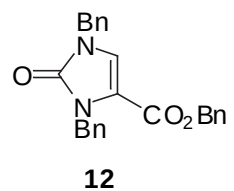
Pulse Sequence: s2pul

Solvent: cdcl3

Ambient temperature

File: ad-I-176F#69-80

UNITYplus-300 "nmrsun2"



PULSE SEQUENCE

Pulse 31.5 degrees

Acq. time 3.744 sec

Width 4000.0 Hz

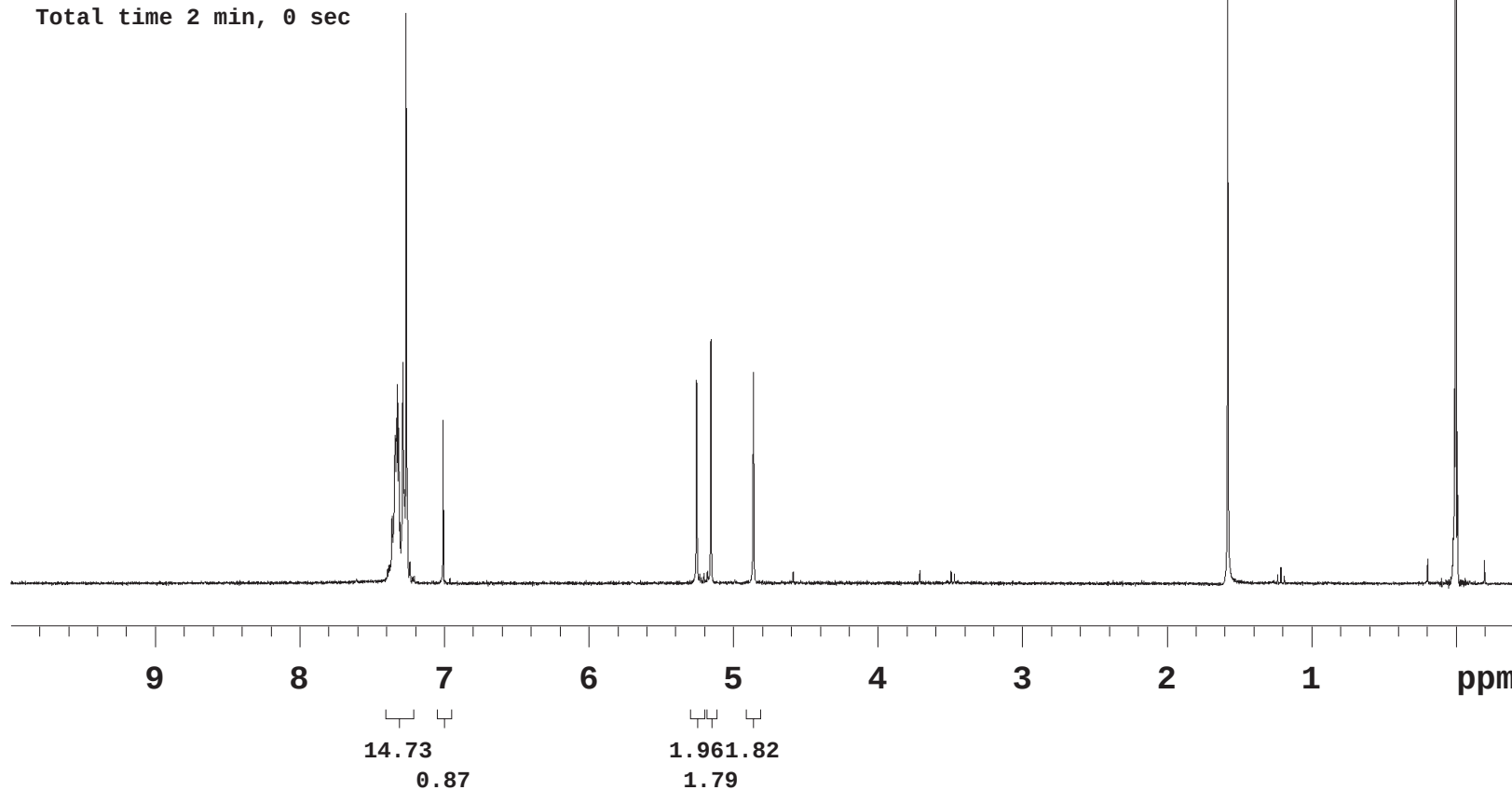
32 repetitions

OBSERVE H1, 299.9142784 MHz

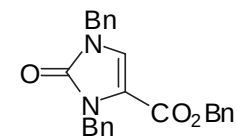
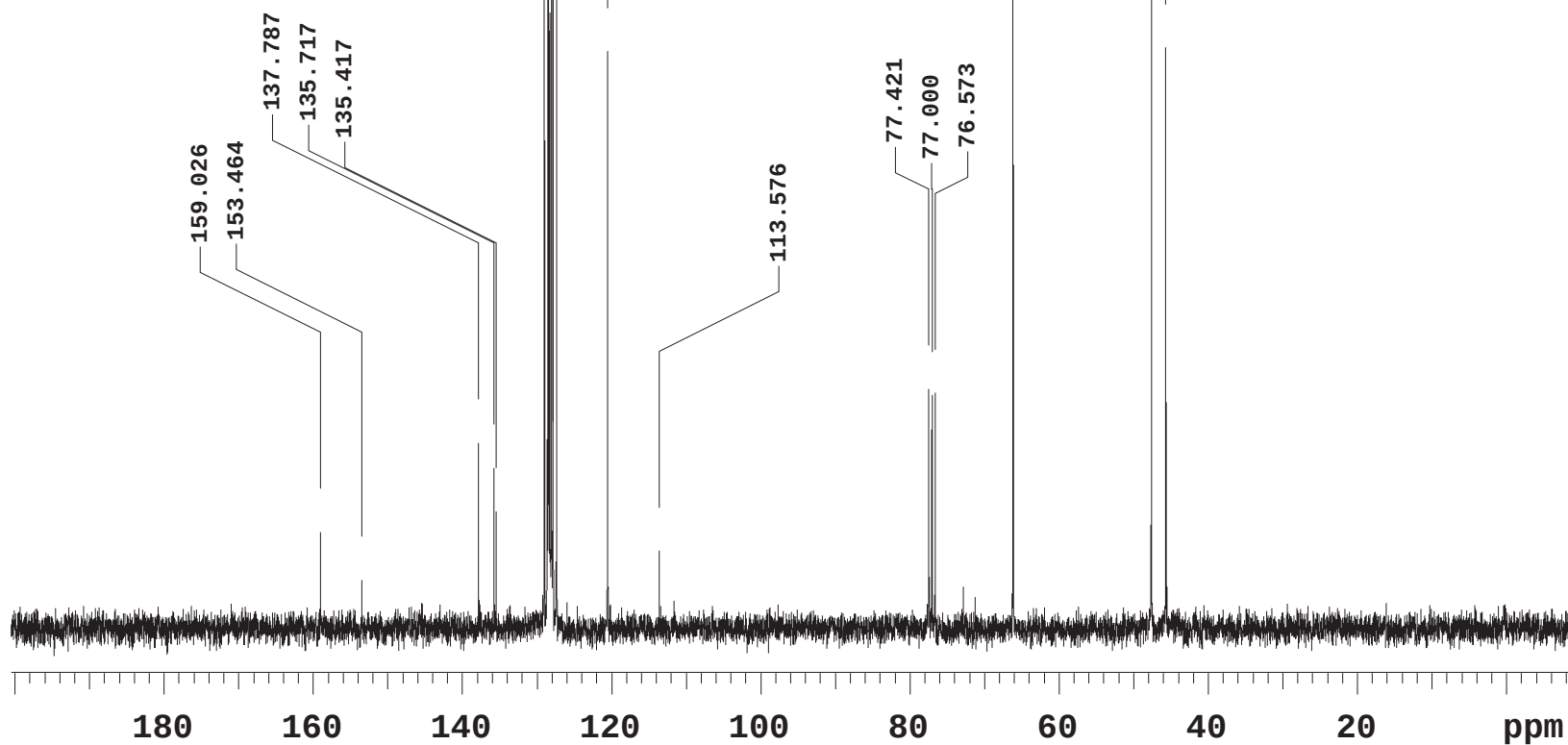
DATA PROCESSING

FT size 32768

Total time 2 min, 0 sec



AD-I-176
Pulse Sequence: s2pul
Solvent: cdcl3
Ambient temperature
File: ad-I-176C
UNITYplus-300 "nmrsun2"
PULSE SEQUENCE
Pulse 78.0 degrees
Acq. time 1.815 sec
Width 16501.7 Hz
528 repetitions
OBSERVE C13, 75.4244871 MHz
DECOUPLE H1, 299.9594259 MHz
Power 40 dB
continuously on
WALTZ-16 modulated
DATA PROCESSING
Line broadening 1.0 Hz
FT size 65536
Total time 31 min, 9 sec



12

Pulse Sequence: s2pul

Solvent: cdcl3

Ambient temperature

File: ad-II-206Et2Oextract

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Pulse 31.1 degrees

Acq. time 3.744 sec

Width 4000.0 Hz

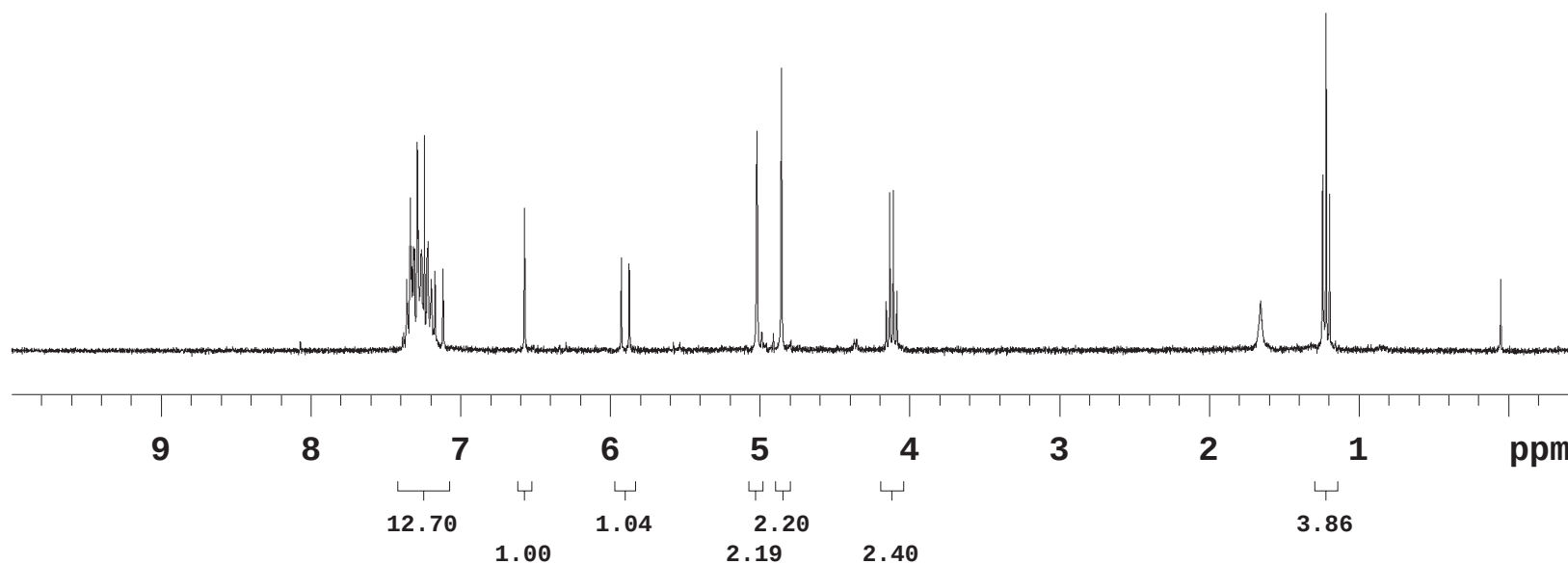
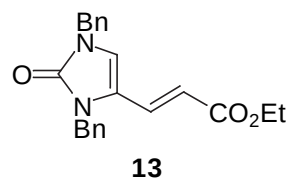
Single scan

OBSERVE H1, 299.9142858 MHz

DATA PROCESSING

FT size 32768

Total time 0 min, 3 sec



AD II 299C

Pulse Sequence: s2pul

Solvent: cdcl3

Ambient temperature

File: ad-II-299C

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Pulse 78.0 degrees

Acq. time 1.815 sec

Width 16501.7 Hz

976 repetitions

OBSERVE C13, 75.4244972 MHz

DECOUPLE H1, 299.9594259 MHz

Power 40 dB

continuously on

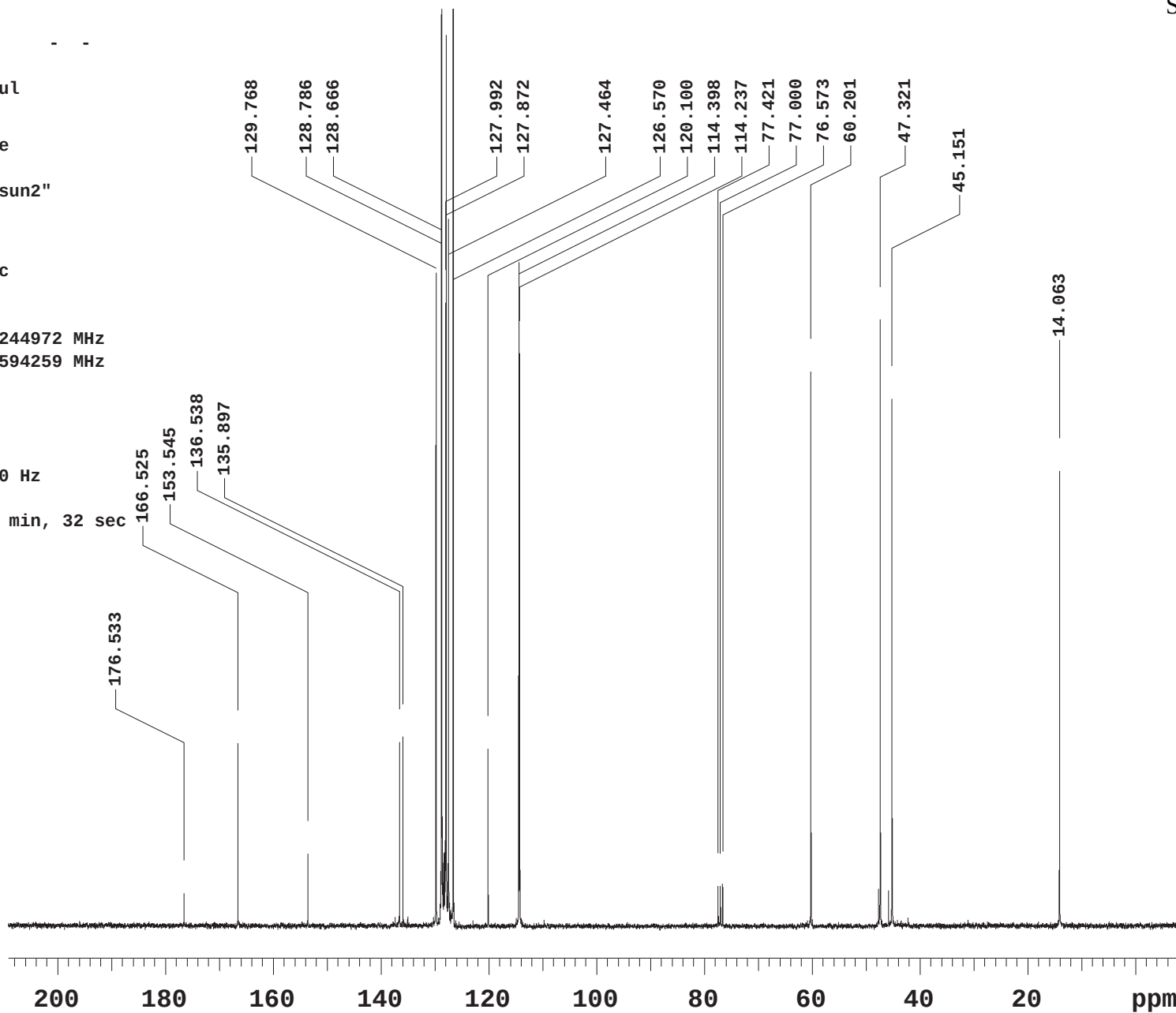
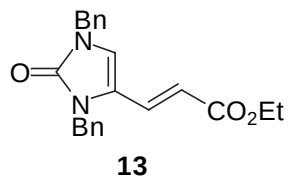
WALTZ-16 modulated

DATA PROCESSING

Line broadening 1.0 Hz

FT size 65536

Total time 6 hr, 29 min, 32 sec



ADIII030

Pulse Sequence: s2pul

S 11

Solvent: cdcl3

Ambient temperature

File: adIII030F#65-100#2

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Pulse 63.6 degrees

Acq. time 1.800 sec

Width 4000.0 Hz

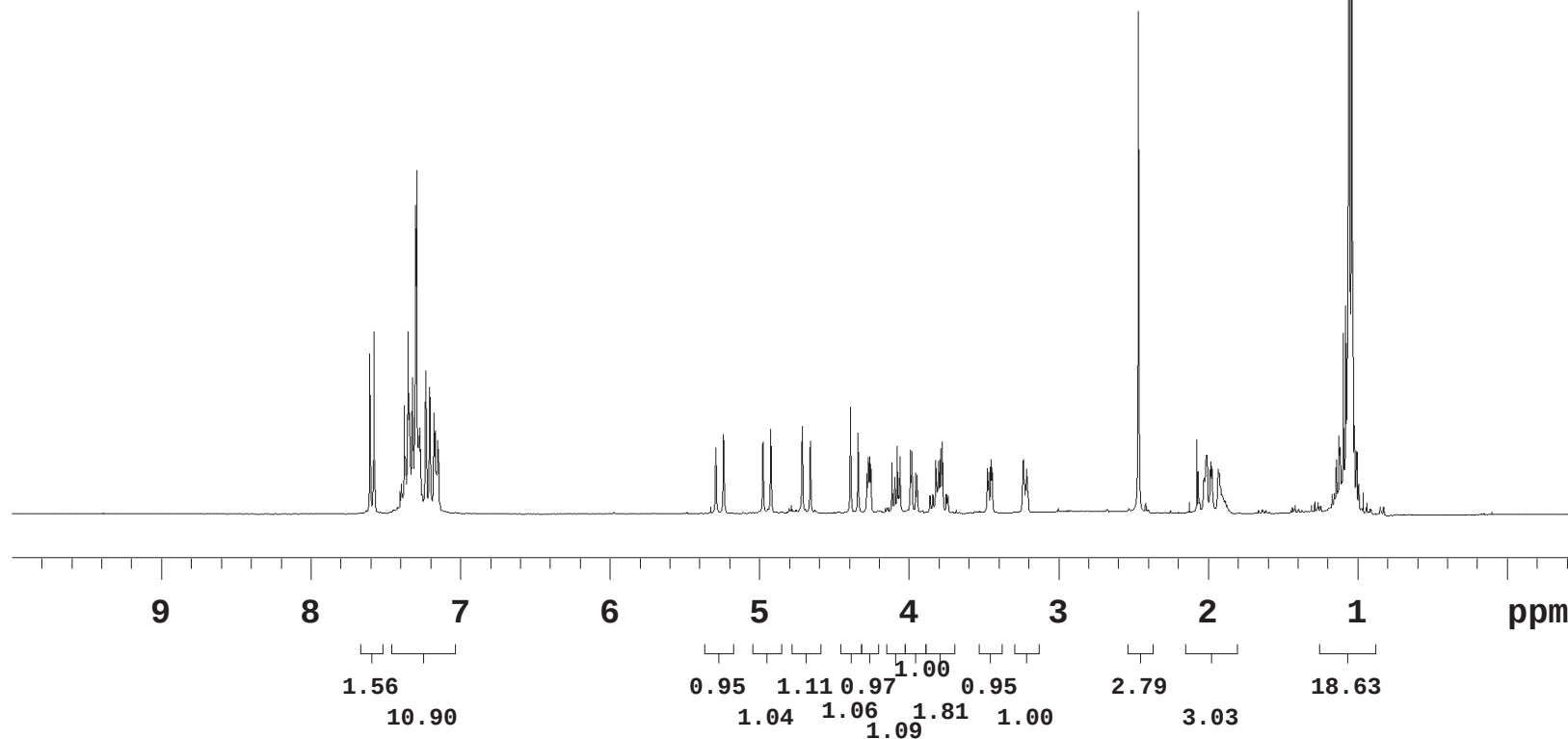
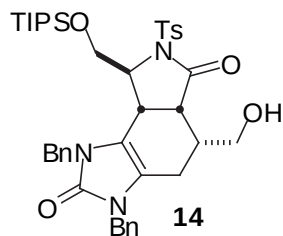
32 repetitions

OBSERVE H1, 299.9579261 MHz

DATA PROCESSING

FT size 16384

Total time 3 min, 51 sec



Pulse Sequence: s2pul

Solvent: cdcl3

Ambient temperature

File: ADIII030C

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Pulse 78.0 degrees

Acq. time 1.815 sec

Width 16501.7 Hz

20480 repetitions

OBSERVE C13, 75.4244851 MHz

DECOUPLE H1, 299.9594259 MHz

Power 40 dB

continuously on

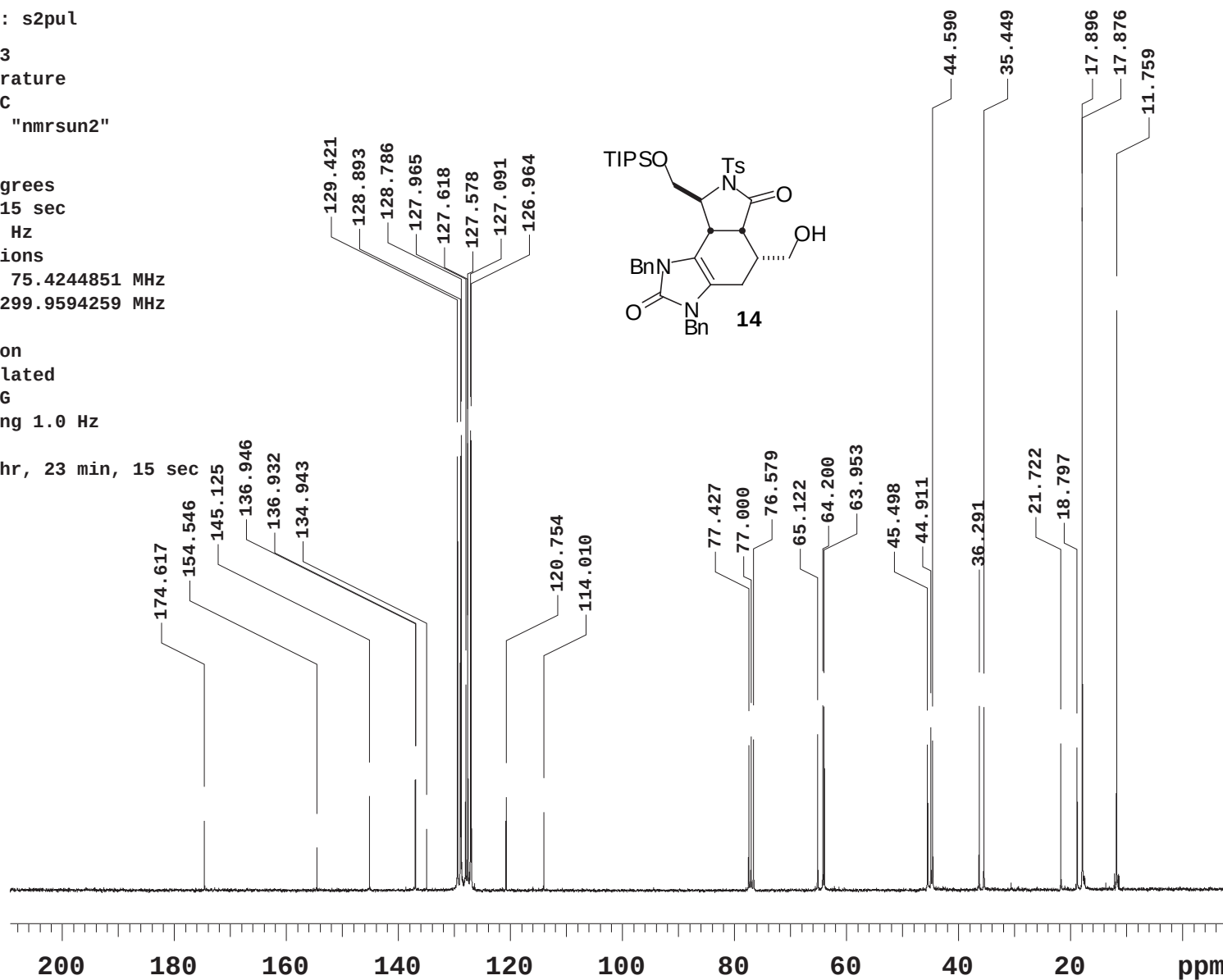
WALTZ-16 modulated

DATA PROCESSING

Line broadening 1.0 Hz

FT size 65536

Total time 10 hr, 23 min, 15 sec



ADIII092

Pulse Sequence: s2pul

Solvent: acetone

Temp. 25.0 C / 298.1 K

File: PROTON

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.897 sec

Width 4994.4 Hz

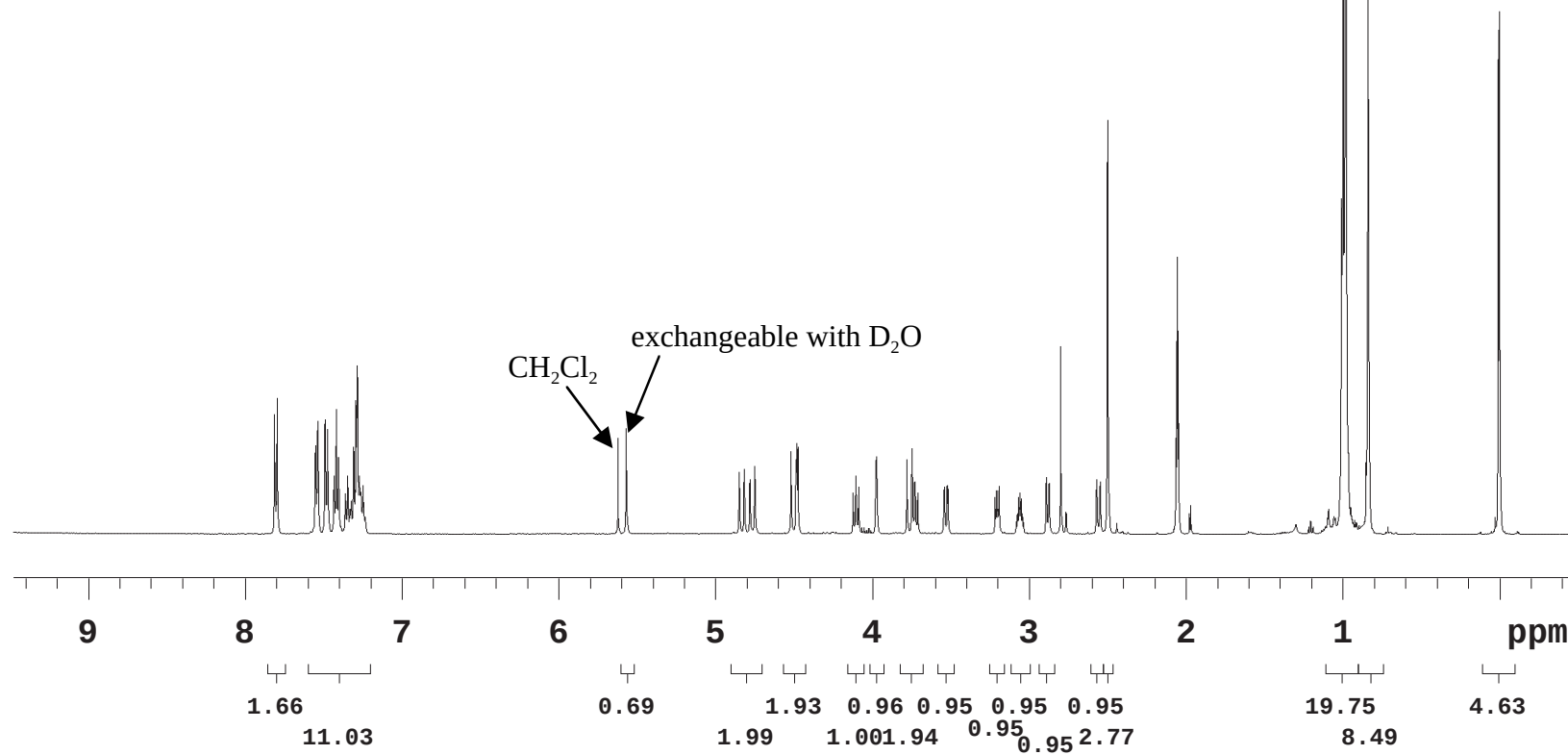
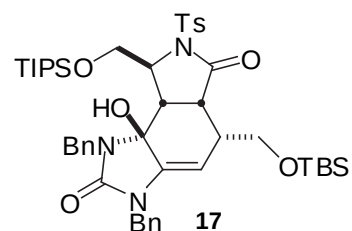
16 repetitions

OBSERVE H1, 499.4645317 MHz

DATA PROCESSING

FT size 32768

Total time 0 min, 46 sec



¹³C OBSERVE

Pulse Sequence: s2pul

Solvent: acetone

Ambient temperature

File: adIII112+adIII092C

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Pulse 60.0 degrees

Acq. time 1.815 sec

Width 16501.7 Hz

704 repetitions

OBSERVE C13, 75.4138228 MHz

DECOUPLE H1, 299.9169128 MHz

Power 0 dB

continuously on

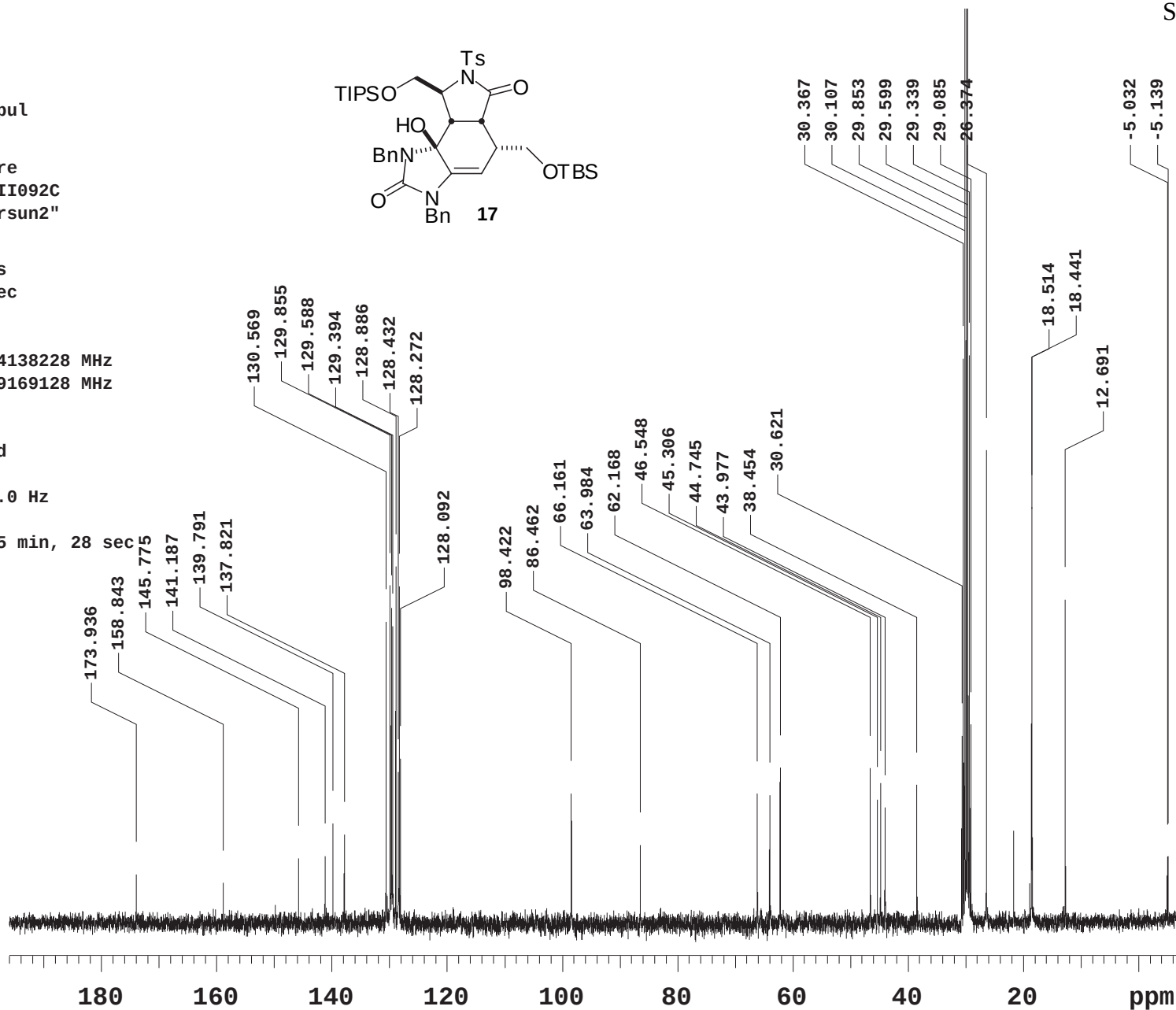
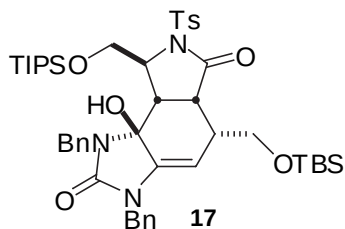
WALTZ-16 modulated

DATA PROCESSING

Line broadening 1.0 Hz

FT size 65536

Total time 1 hr, 15 min, 28 sec



adIII092F#32-36_n0e

Pulse Sequence: s2pul

Solvent: acetone

Temp. 25.0 C / 298.1 K

File: PROTON

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.897 sec

Width 4994.4 Hz

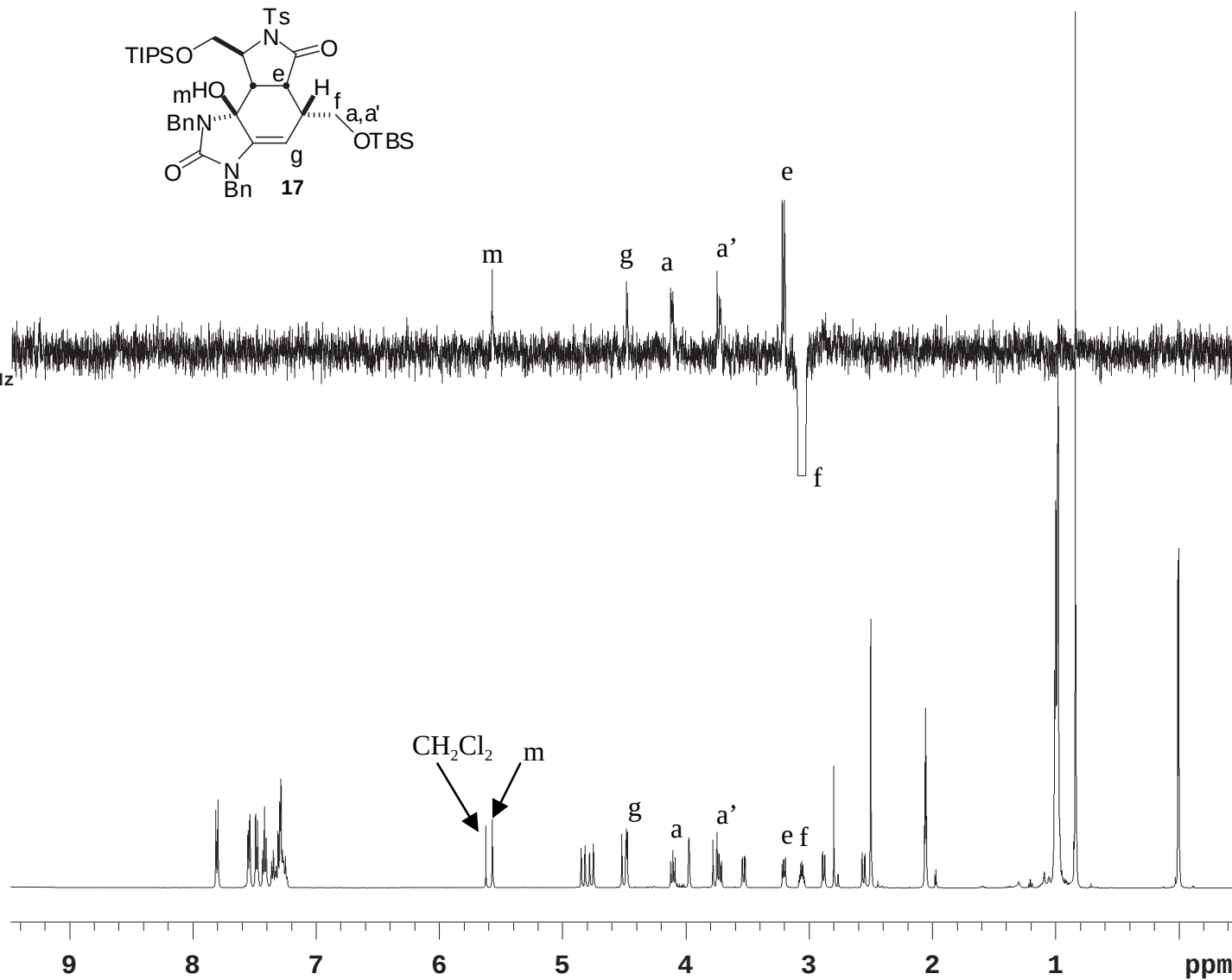
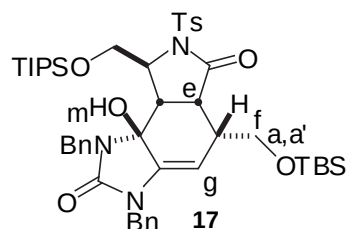
16 repetitions

OBSERVE H1, 499.4645317 MHz

DATA PROCESSING

FT size 32768

Total time 0 min, 46 sec



Pulse Sequence: s2pul

Solvent: acetone

Temp. 25.0 C / 298.1 K

File: PROTON

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.897 sec

Width 4994.4 Hz

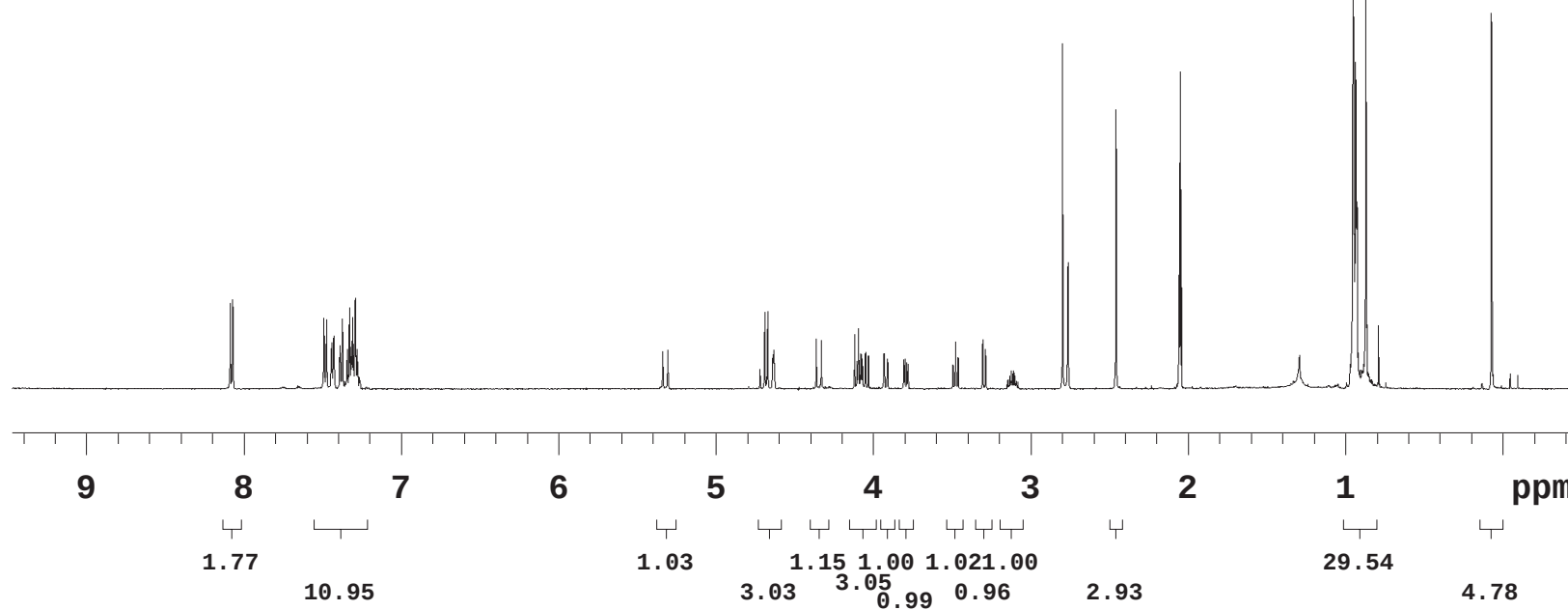
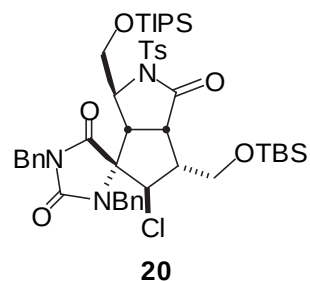
8 repetitions

OBSERVE H1, 499.4645346 MHz

DATA PROCESSING

FT size 32768

Total time 0 min, 23 sec



13C OBSERVE

Pulse Sequence: s2pul

Solvent: acetone
Ambient temperature
UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Pulse 60.0 degrees
Acq. time 1.815 sec
Width 16501.7 Hz
16000 repetitions

OBSERVE C13, 75.4138197 MHz

DECOUPLE H1, 299.9169128 MHz

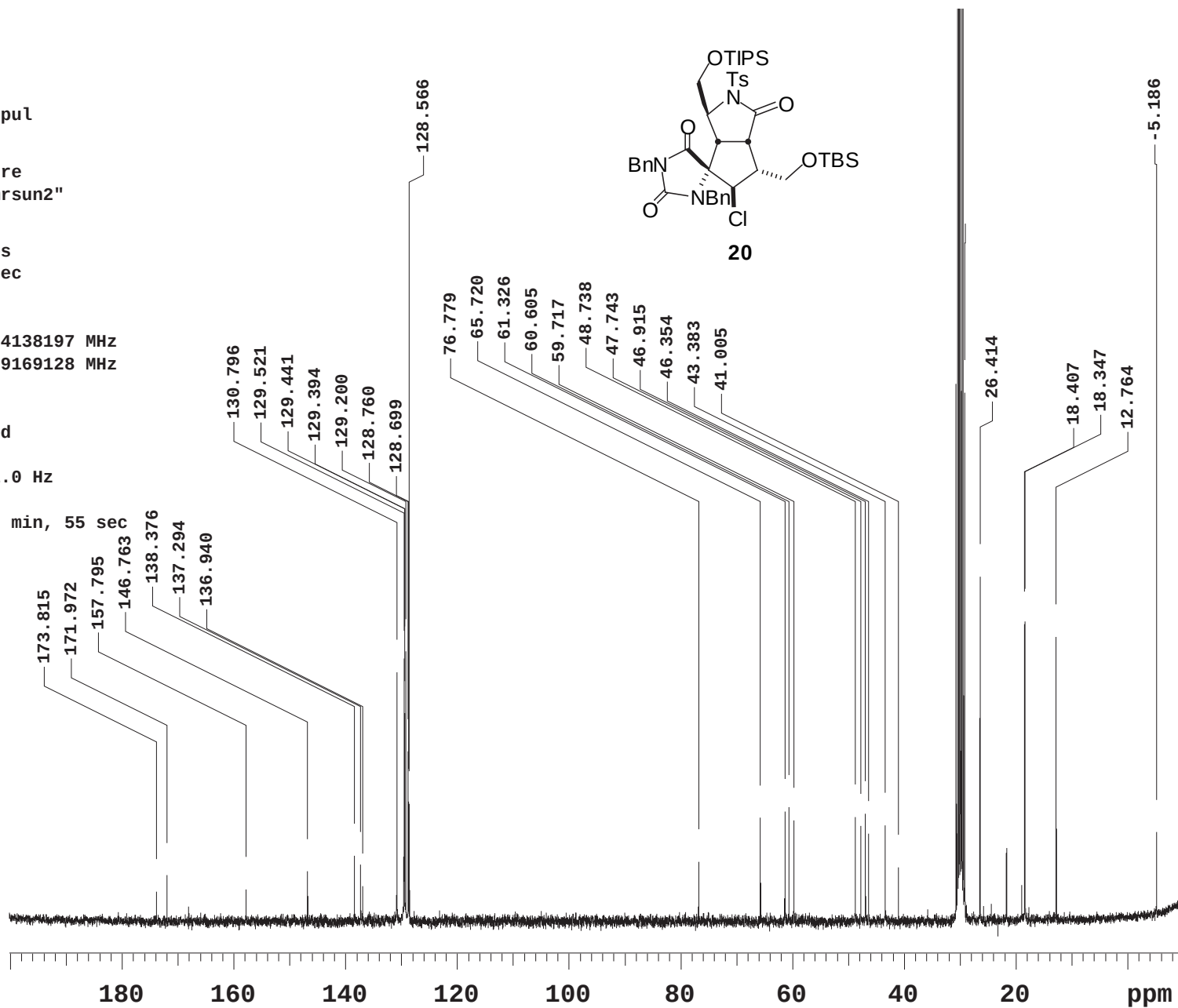
Power 0 dB
continuously on
WALTZ-16 modulated

DATA PROCESSING

Line broadening 1.0 Hz

FT size 65536

Total time 8 hr, 6 min, 55 sec



ad-II-220F#2-9_n0e

Pulse Sequence: s2pul

Solvent: acetone

Temp. 25.0 C / 298.1 K

File: PROTON

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.897 sec

Width 4994.4 Hz

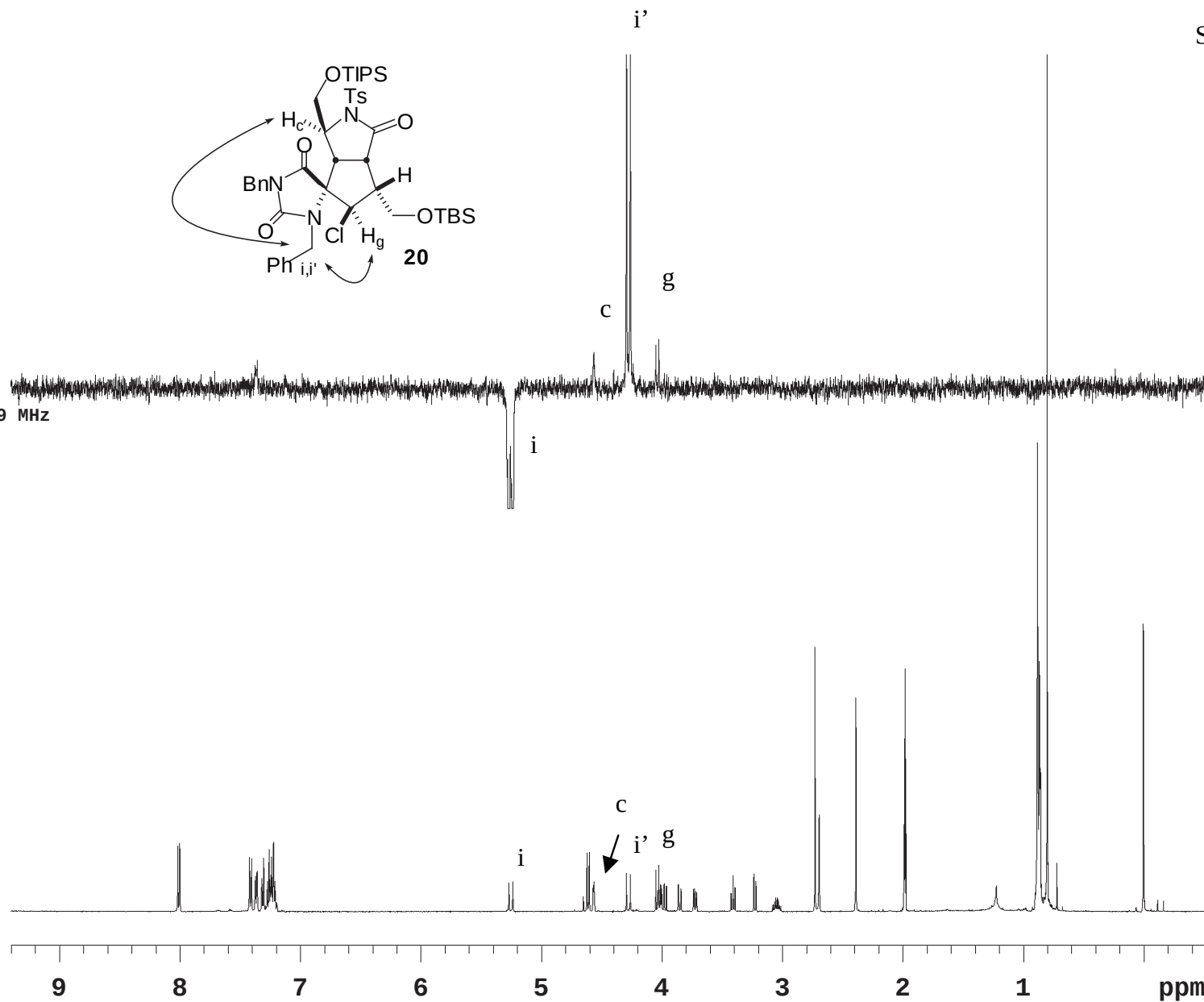
8 repetitions

OBSERVE H1, 499.4645689 MHz

DATA PROCESSING

FT size 32768

Total time 0 min, 23 sec



ad-II-220F#2-9_n0e

Pulse Sequence: s2pul

Solvent: acetone

Temp. 25.0 C / 298.1 K

File: PROTON

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.897 sec

Width 4994.4 Hz

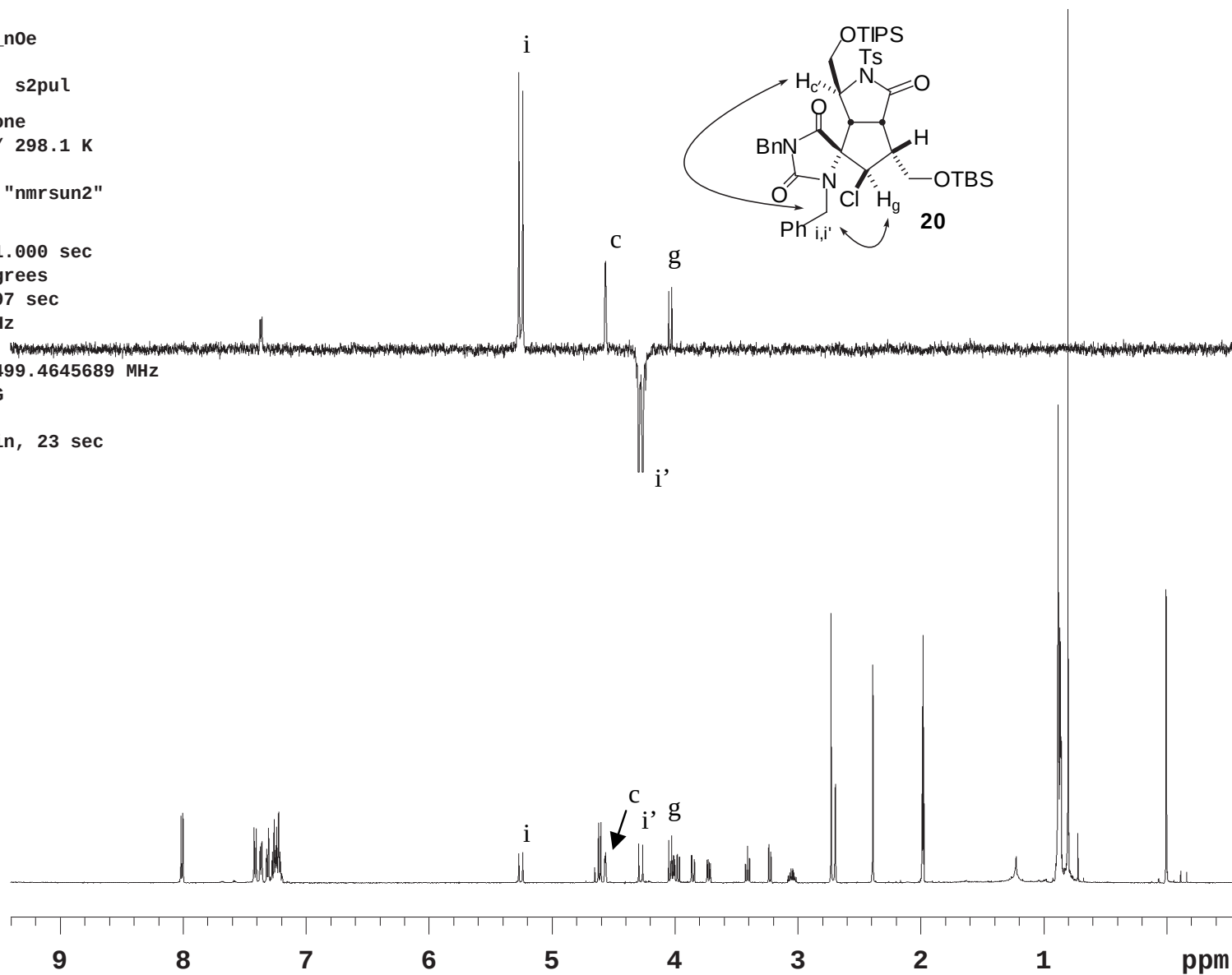
8 repetitions

OBSERVE H1, 499.4645689 MHz

DATA PROCESSING

FT size 32768

Total time 0 min, 23 sec



ad-II-248F#21-50#2_n0e

Pulse Sequence: s2pul

Solvent: acetone

Temp. 25.0 C / 298.1 K

File: PROTON

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.897 sec

Width 4994.4 Hz

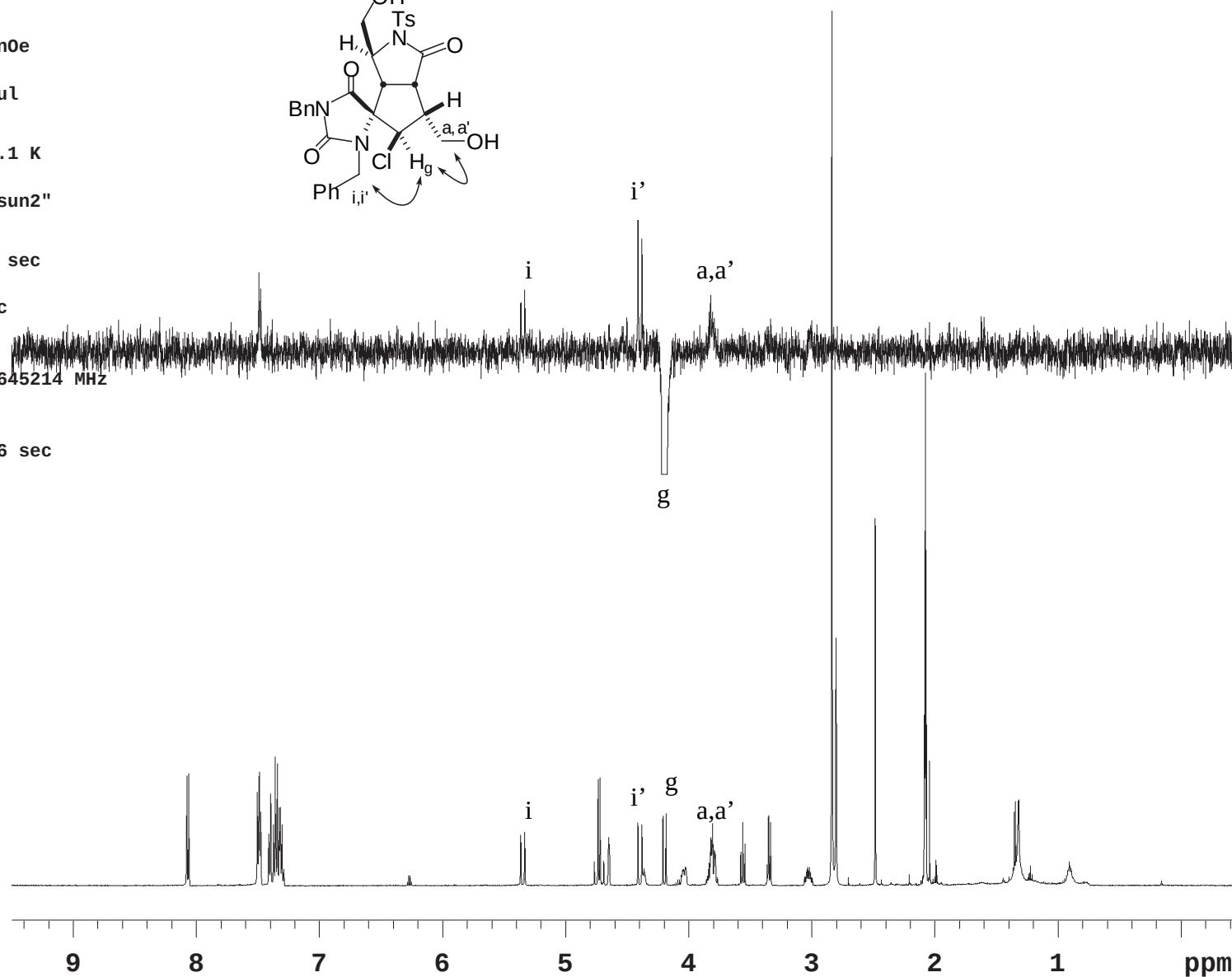
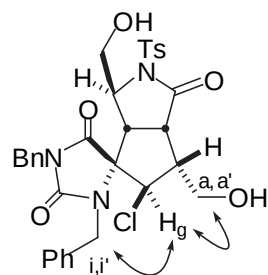
16 repetitions

OBSERVE H1, 499.4645214 MHz

DATA PROCESSING

FT size 32768

Total time 0 min, 46 sec



ad-II-248F#21-50#2_n0e

Pulse Sequence: s2pul

Solvent: acetone

Temp. 25.0 C / 298.1 K

File: PROTON

UNITYplus-300 "nmrsun2"

PULSE SEQUENCE

Relax. delay 1.000 sec

Pulse 45.0 degrees

Acq. time 1.897 sec

Width 4994.4 Hz

16 repetitions

OBSERVE H1, 499.4645214 MHz

DATA PROCESSING

FT size 32768

Total time 0 min, 46 sec

