Supporting Information

Dimeric Prenylated C_6-C_3 Compounds from the Stem Bark of *Illicium oligandrum*

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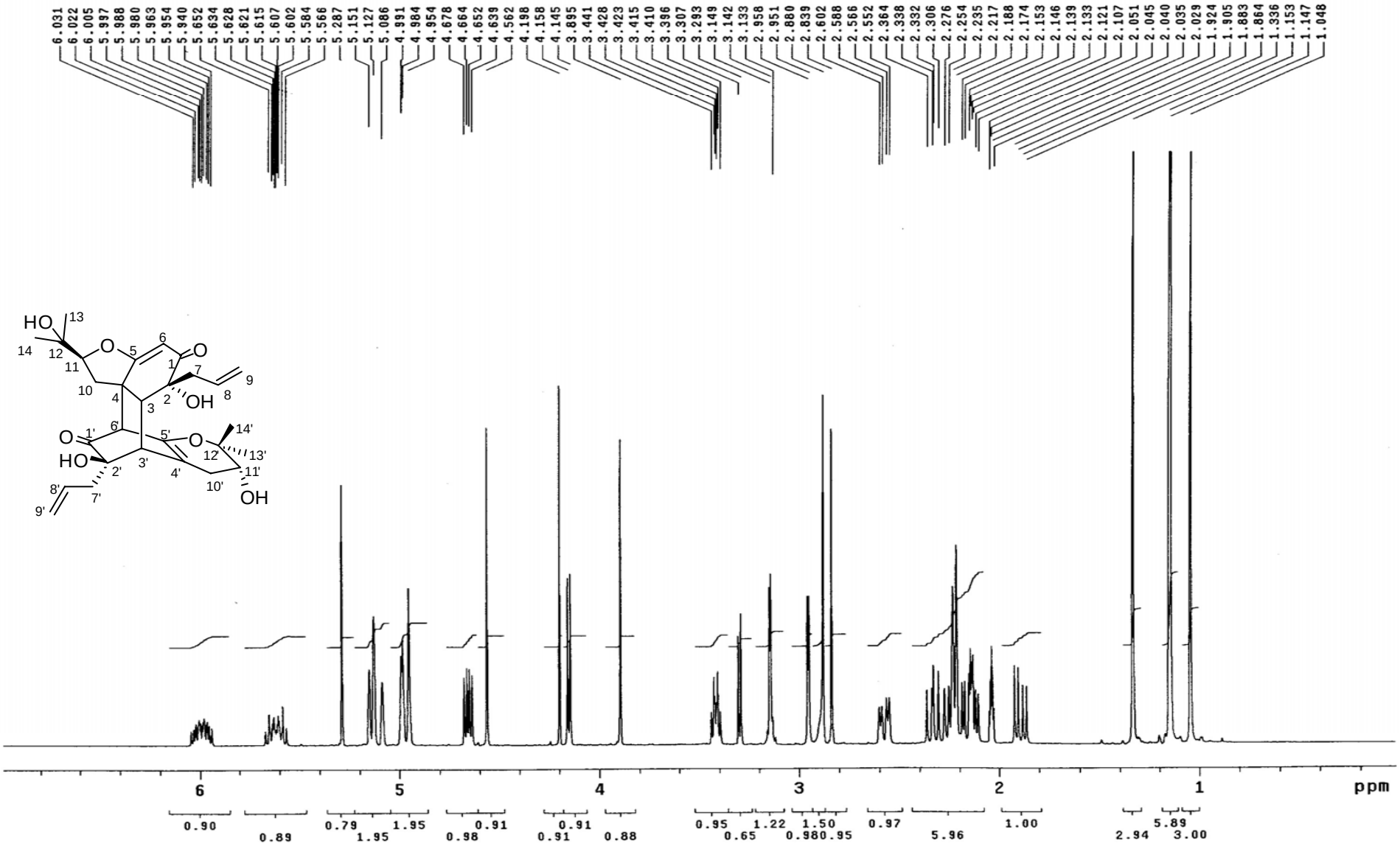
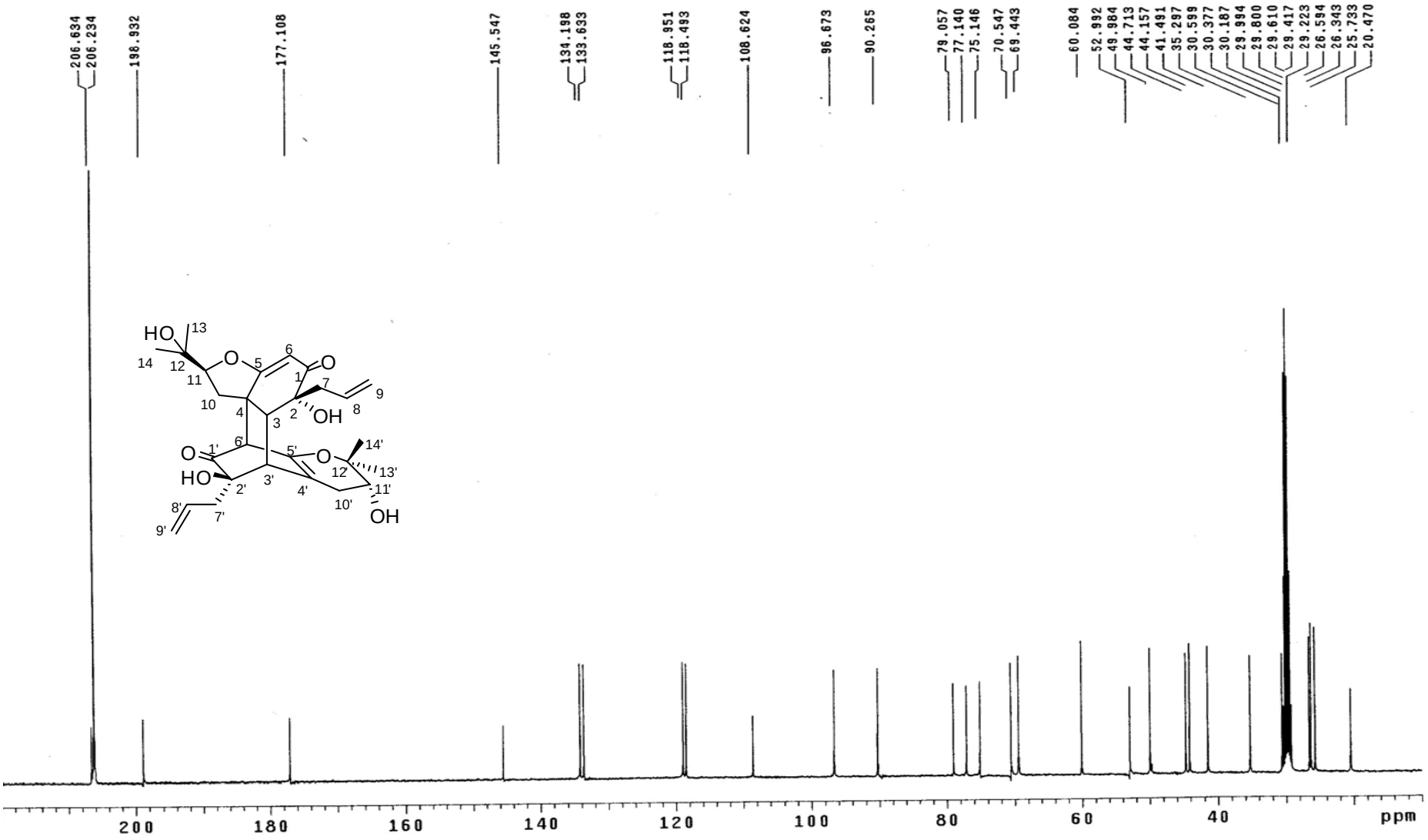
Email address: yushishan@imm.ac.cn

Index:

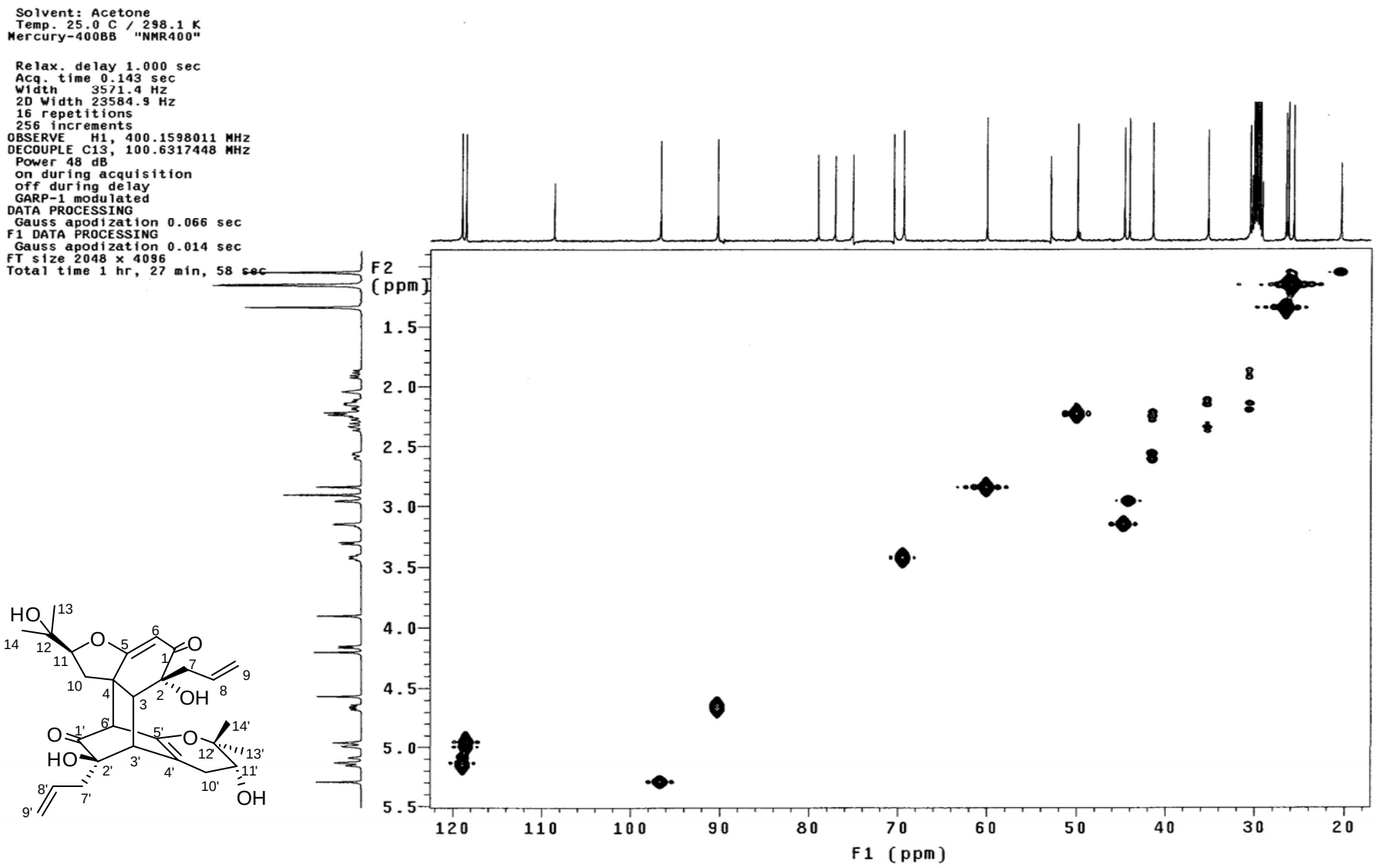
S1 ^{1}H NMR spectrum (400 MHz) of compound **1** in acetone-d_6



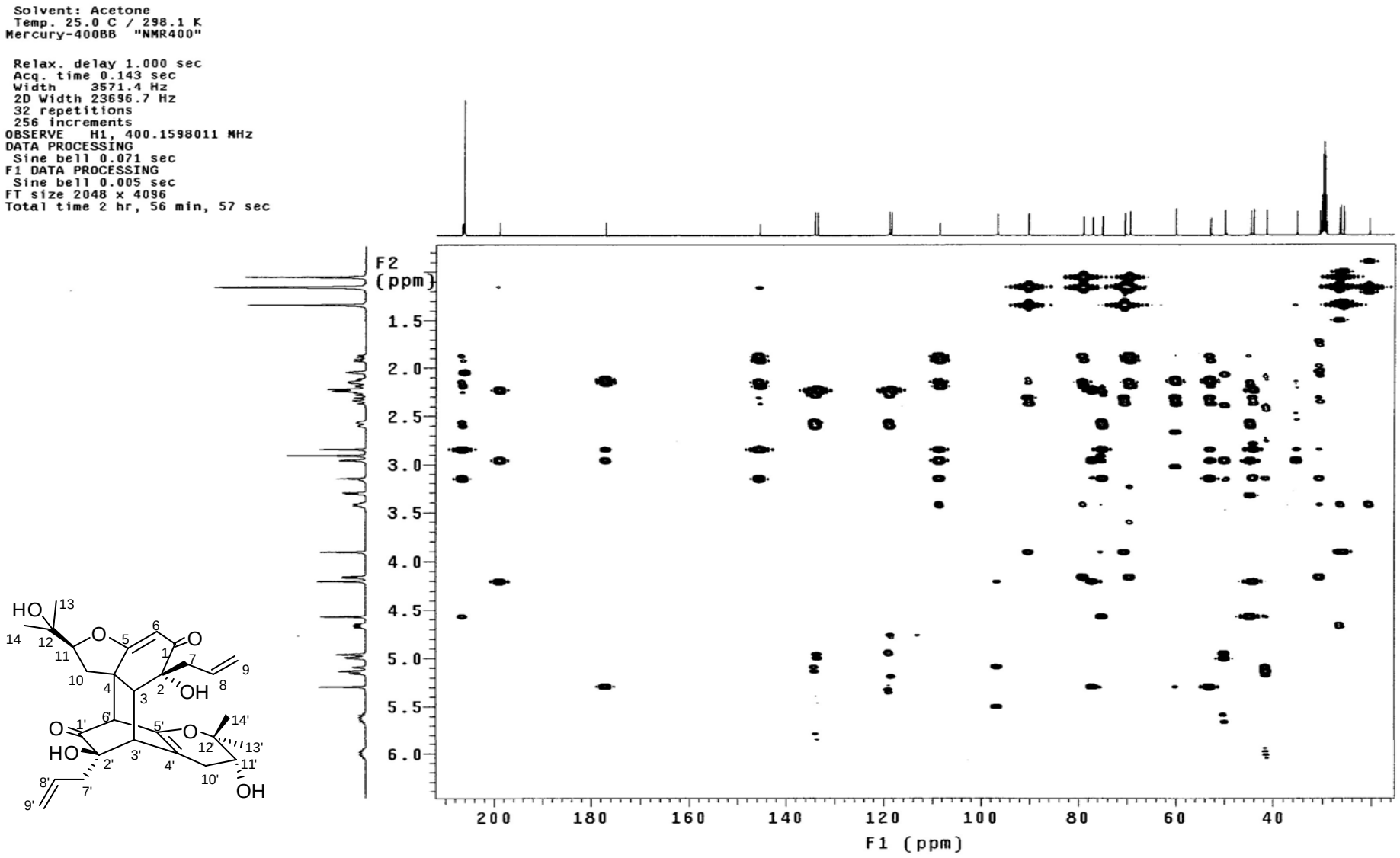
S2 ^{13}C NMR spectrum (100 MHz) of compound **1** in acetone-d_6



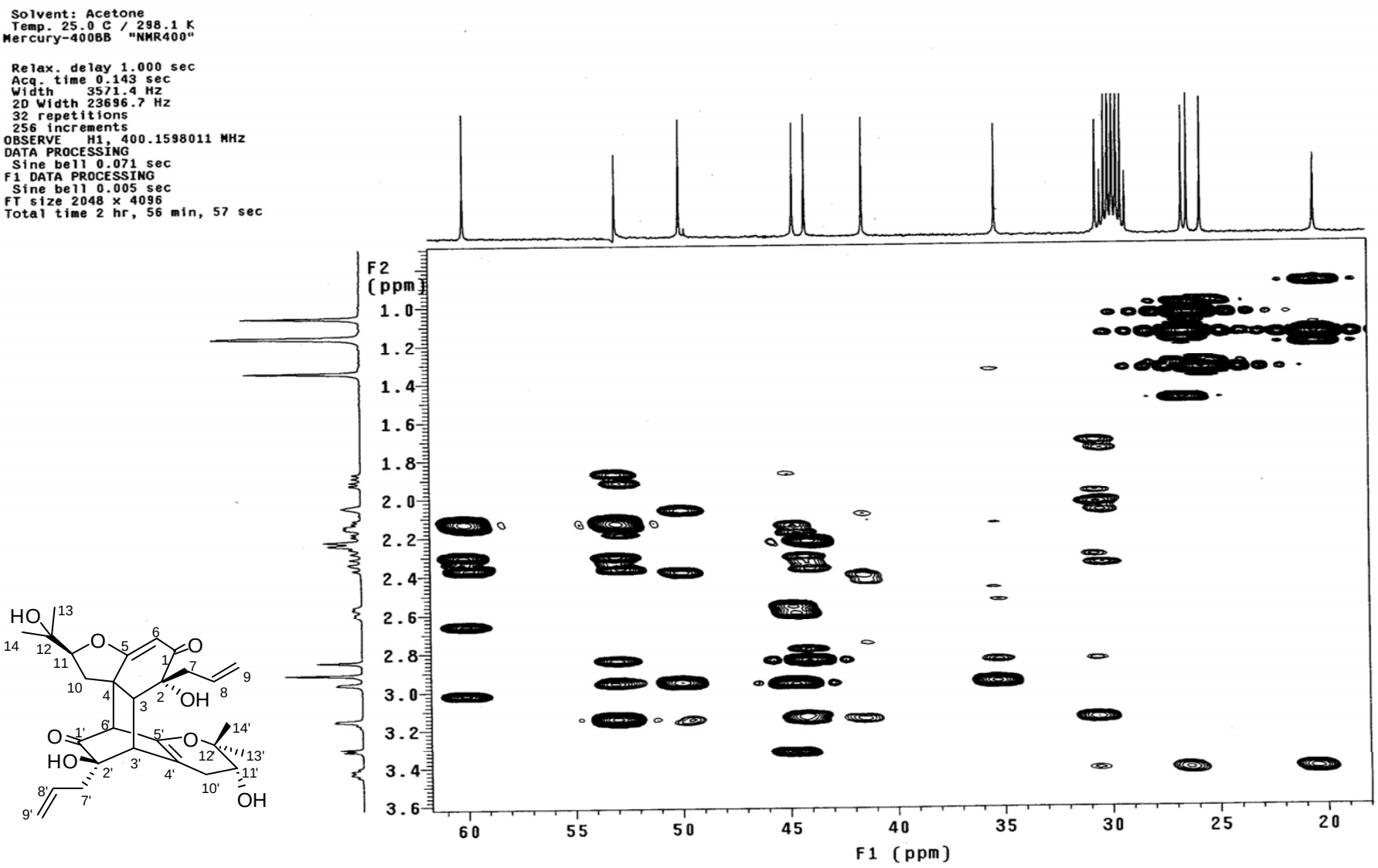
S3 HSQC spectrum (400 MHz) of compound **1** in acetone-d_6



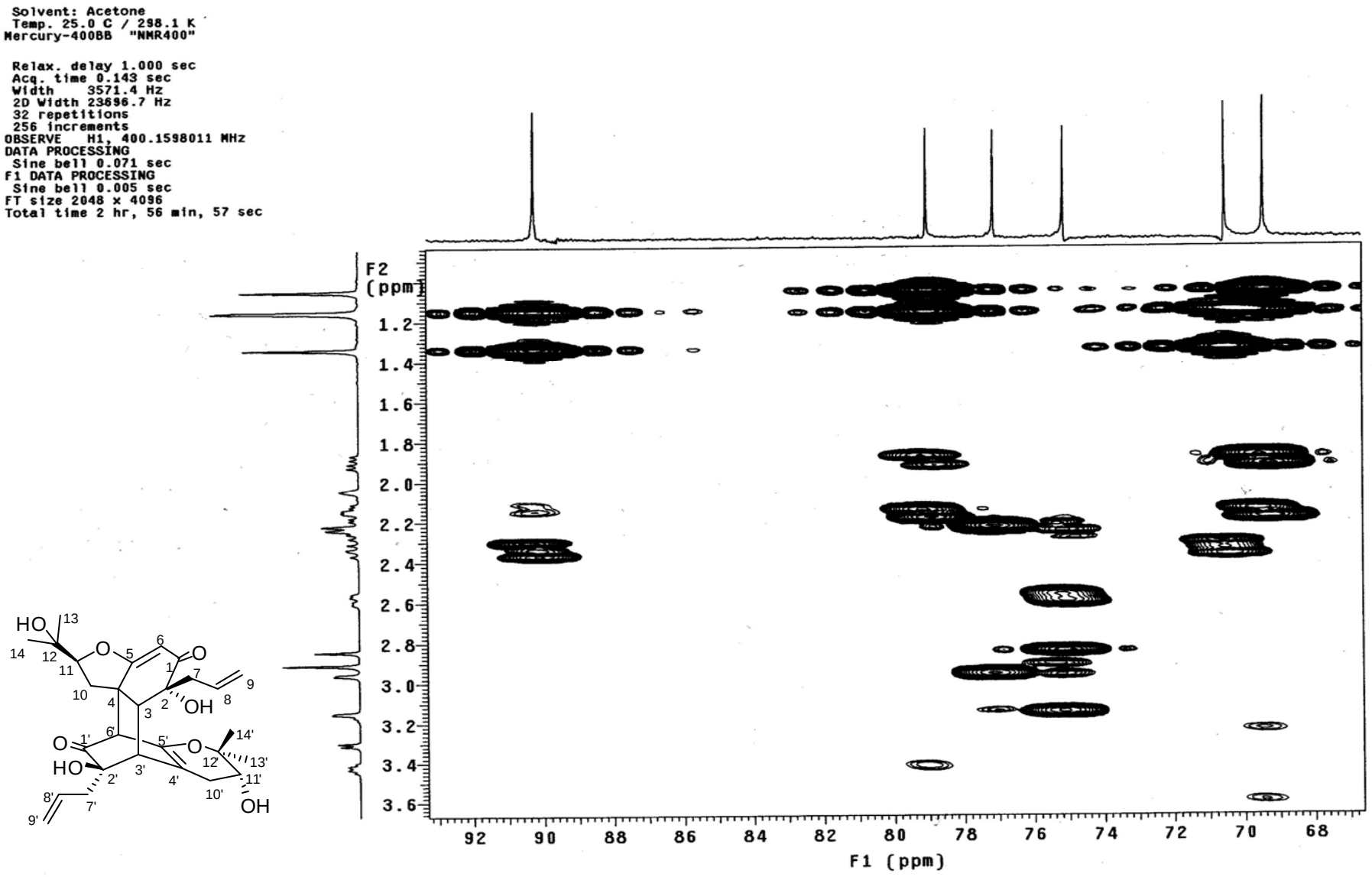
S4 HMBC spectrum (400 MHz) of compound **1** in acetone-d_6



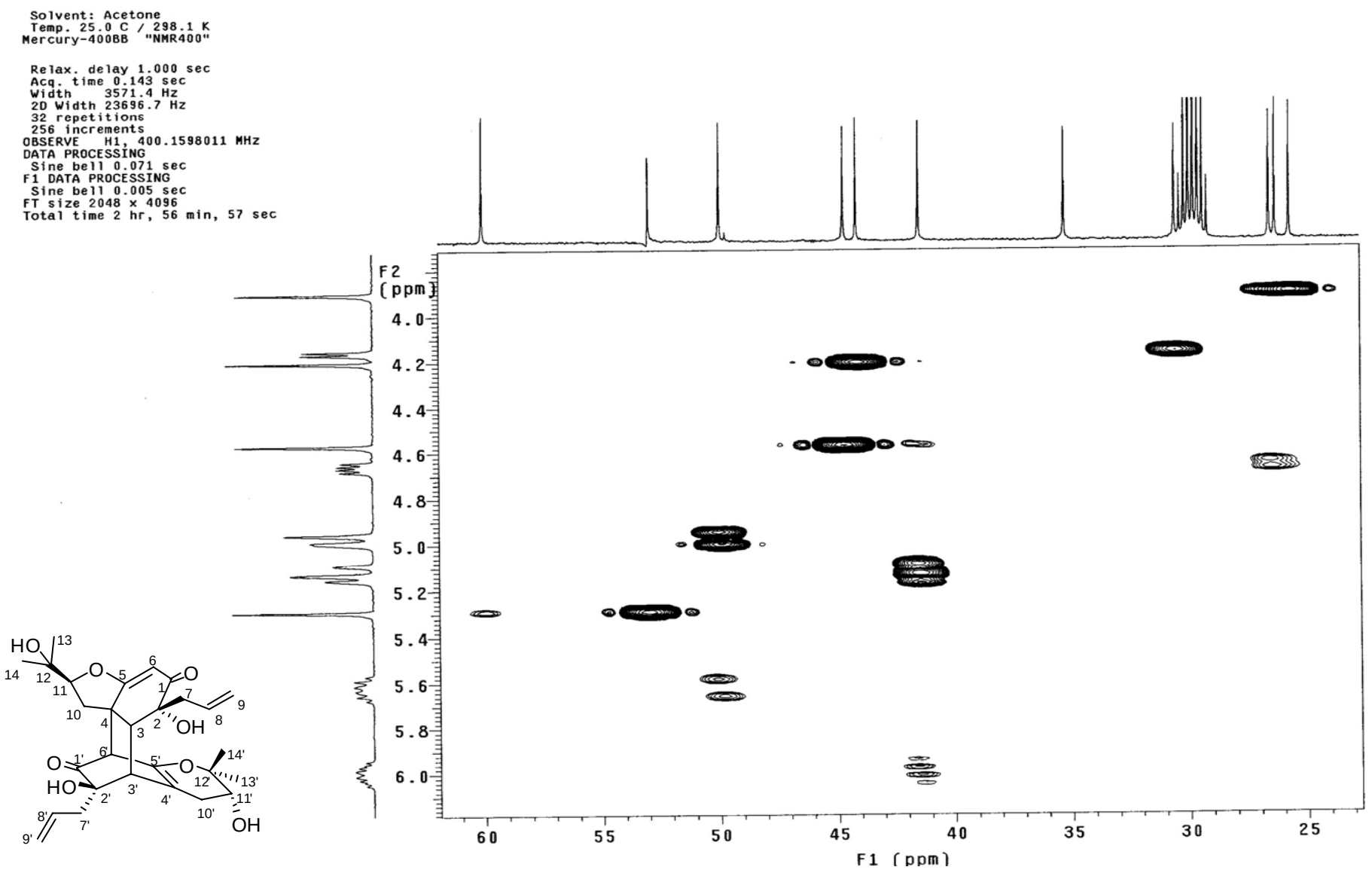
S4 HMBC spectrum (400 MHz) of compound **1** in acetone-d_6



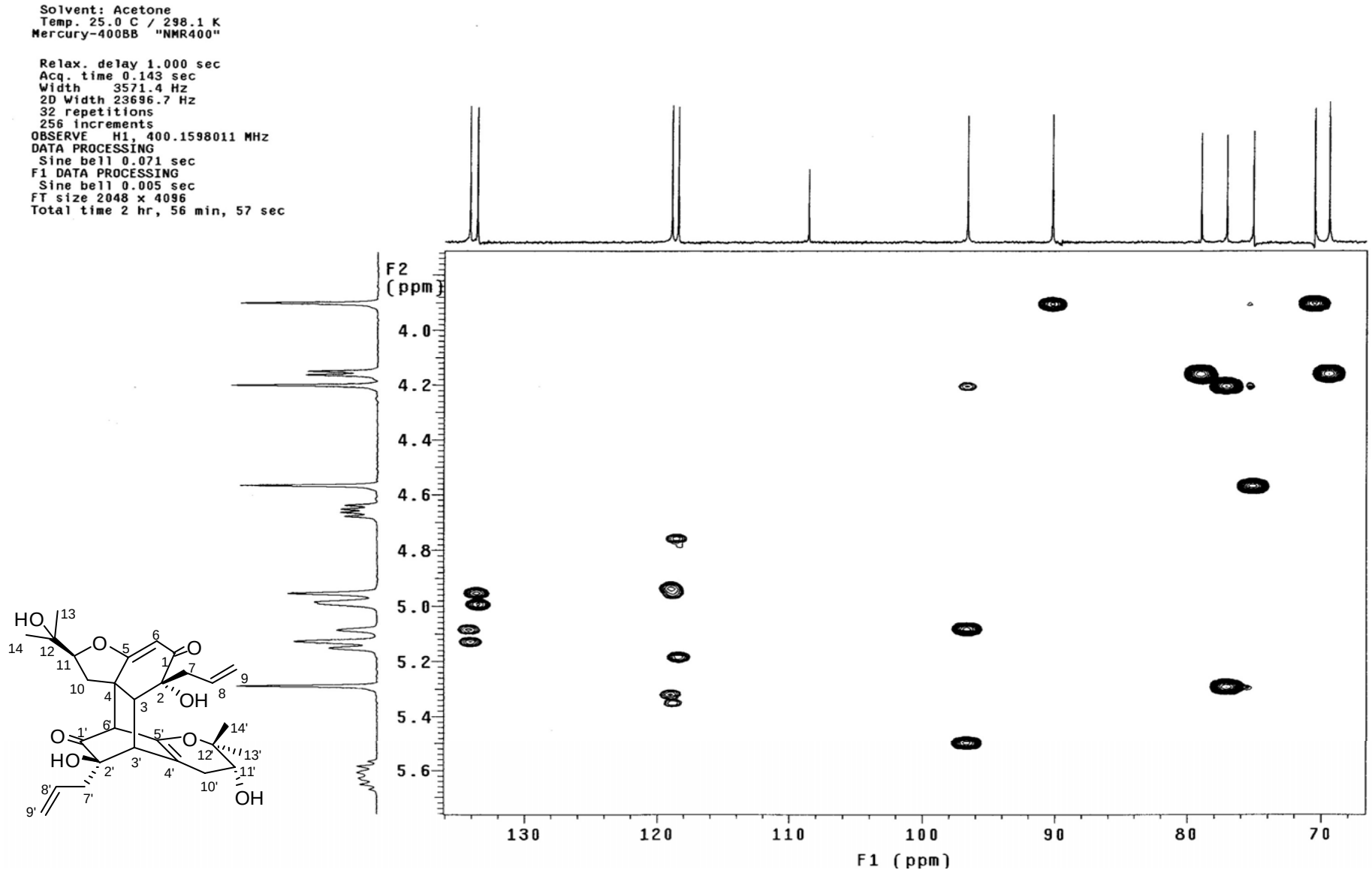
S4 HMBC spectrum (400 MHz) of compound **1** in acetone-d_6



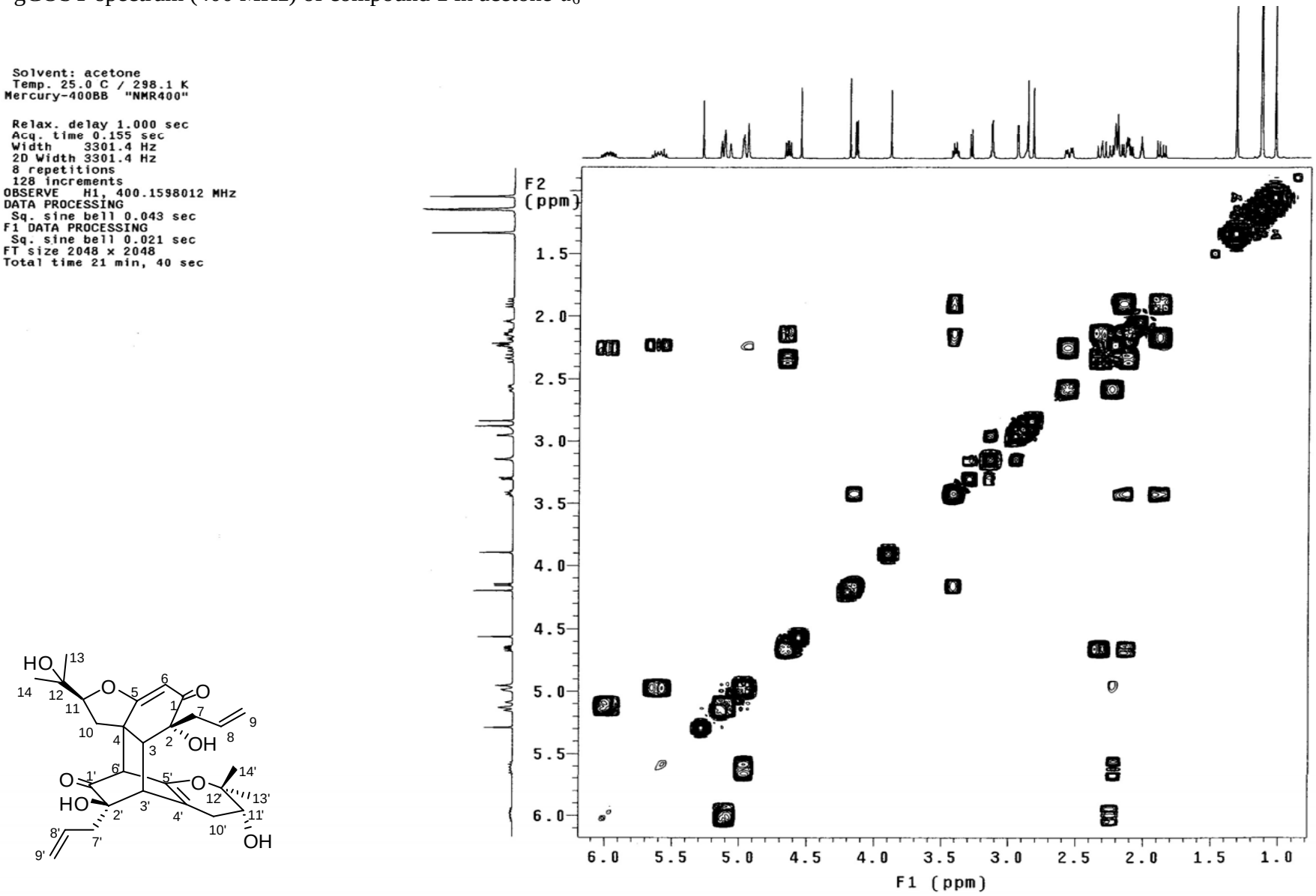
S4 HMBC spectrum (400 MHz) of compound **1** in acetone-d_6



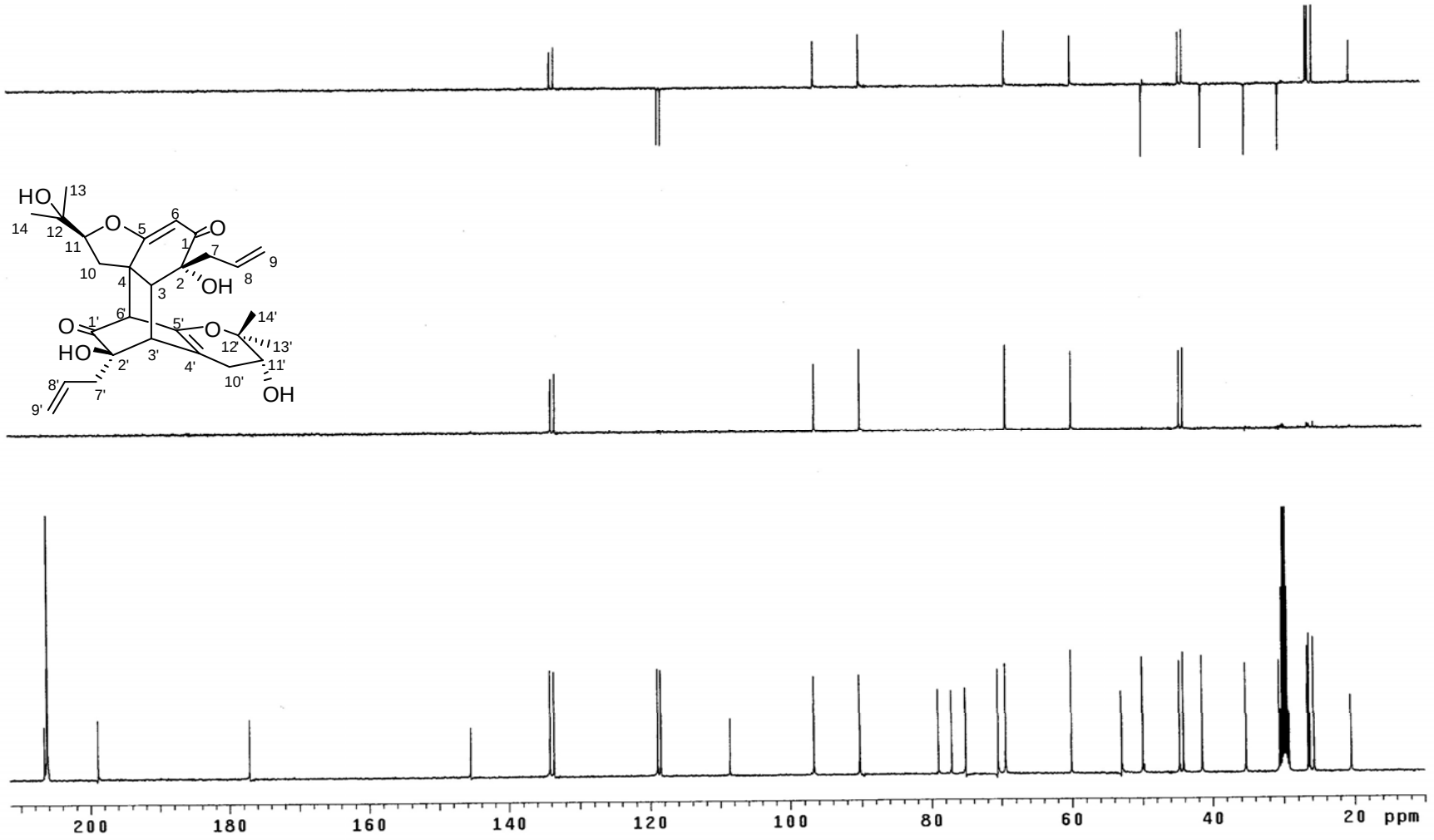
S4 HMBC spectrum (400 MHz) of compound **1** in acetone-d_6



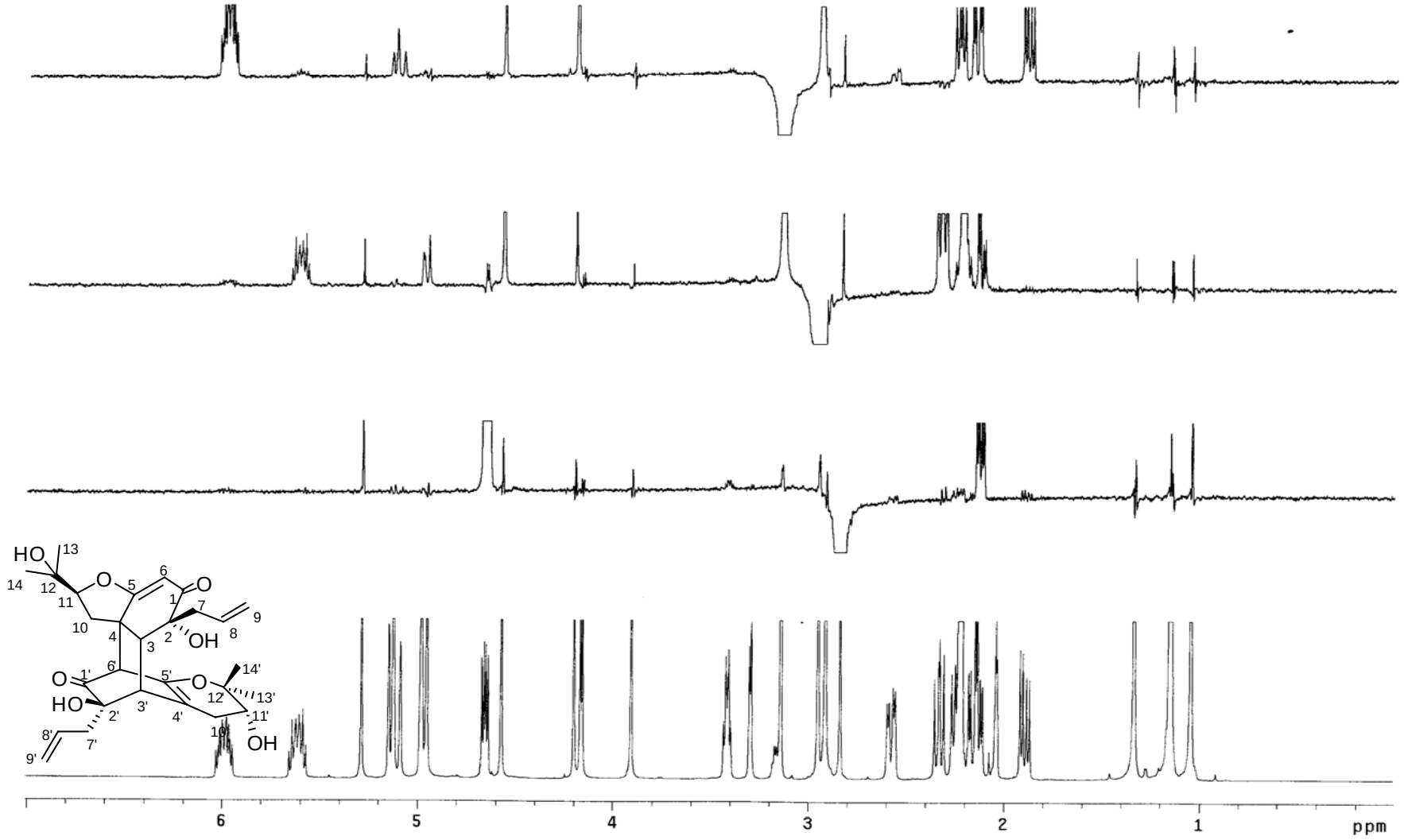
S5 gCOSY spectrum (400 MHz) of compound **1** in acetone-d_6



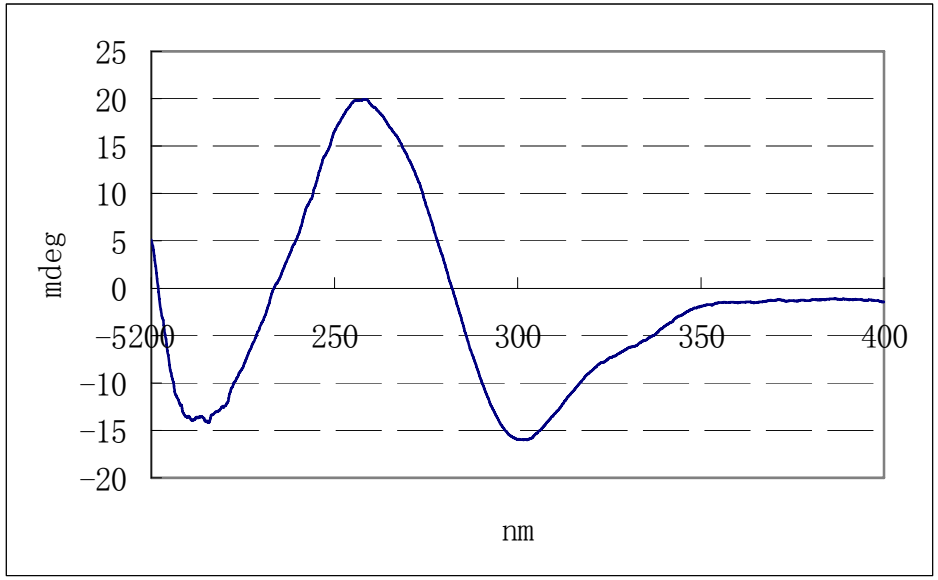
S6 DEPT spectrum (400 MHz) of compound **1** in acetone-d_6



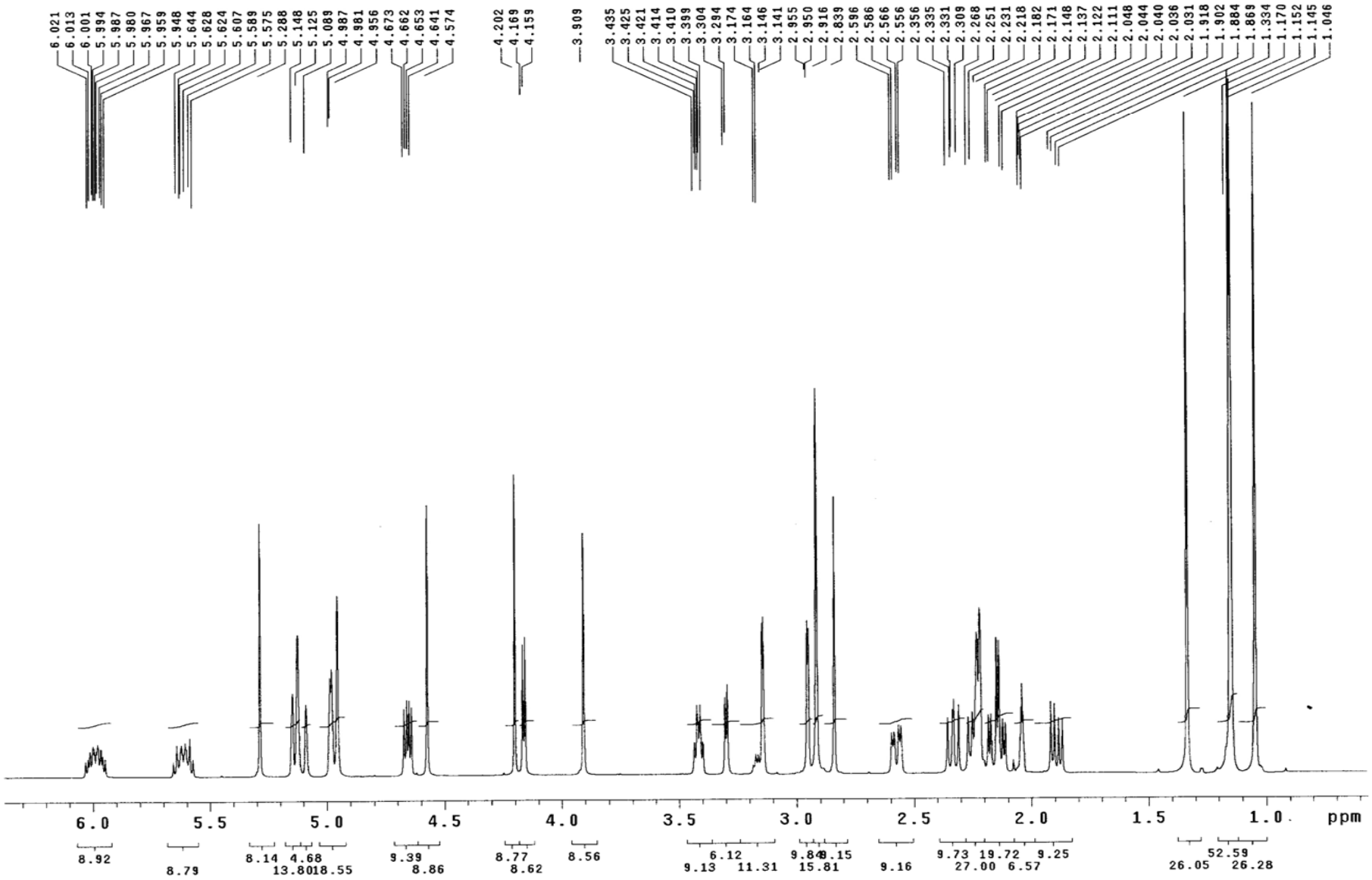
S7 Deference NOE spectrum (400 MHz) of compound **1**



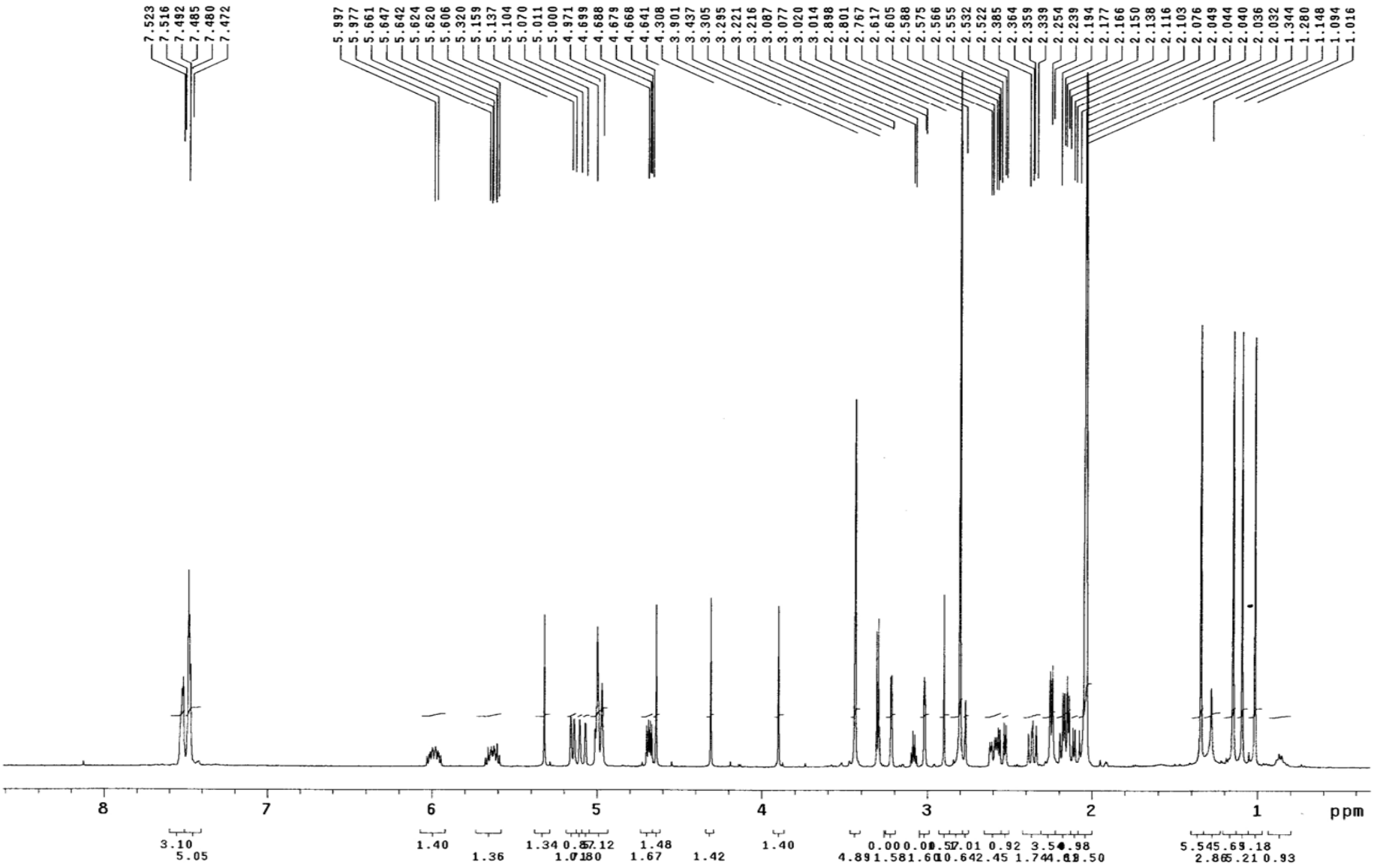
S8 CD spectrum of compound **1** in MeOH



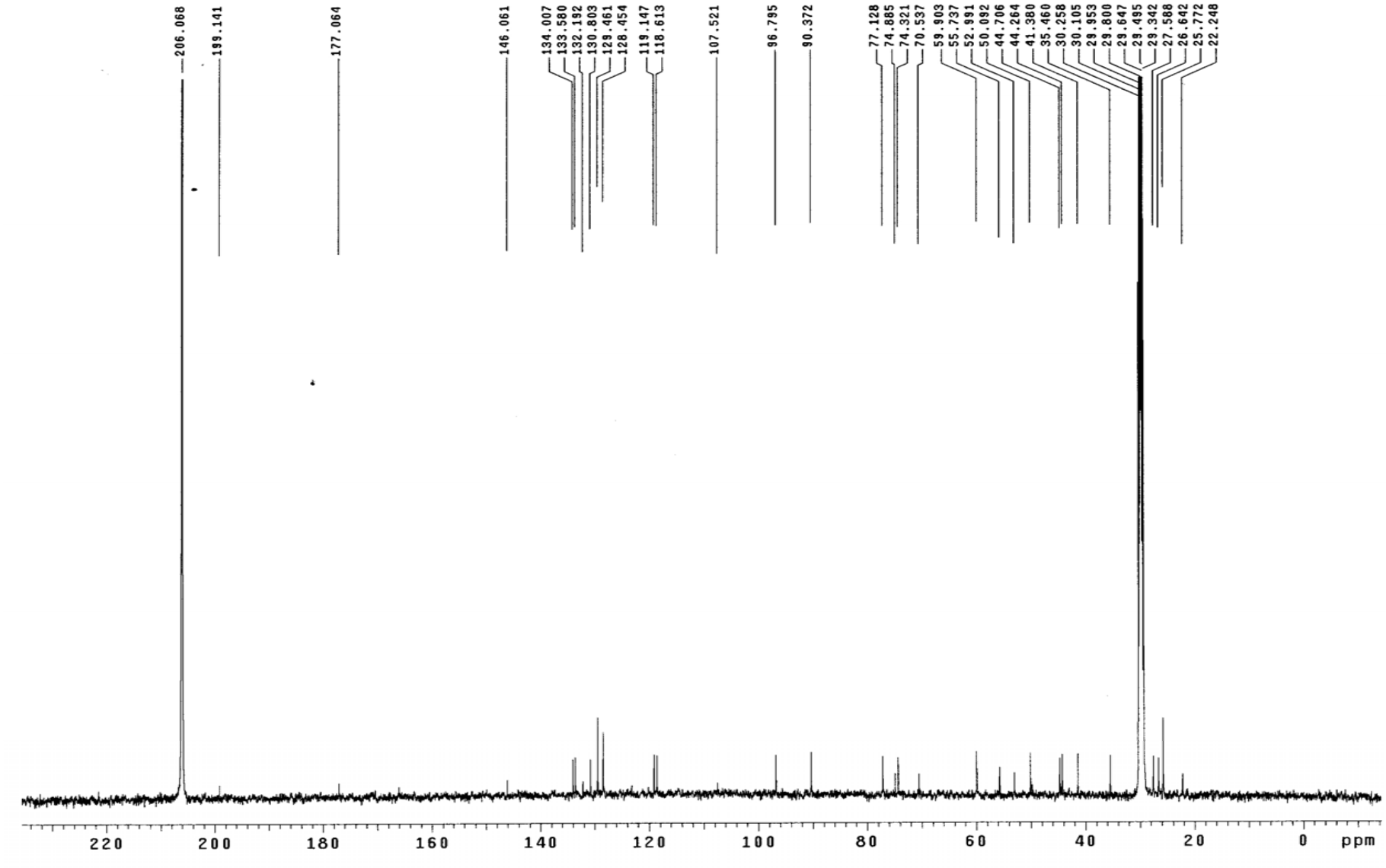
S9 ^{1}H NMR spectrum (500 MHz) of compound **1** in acetone-d_6



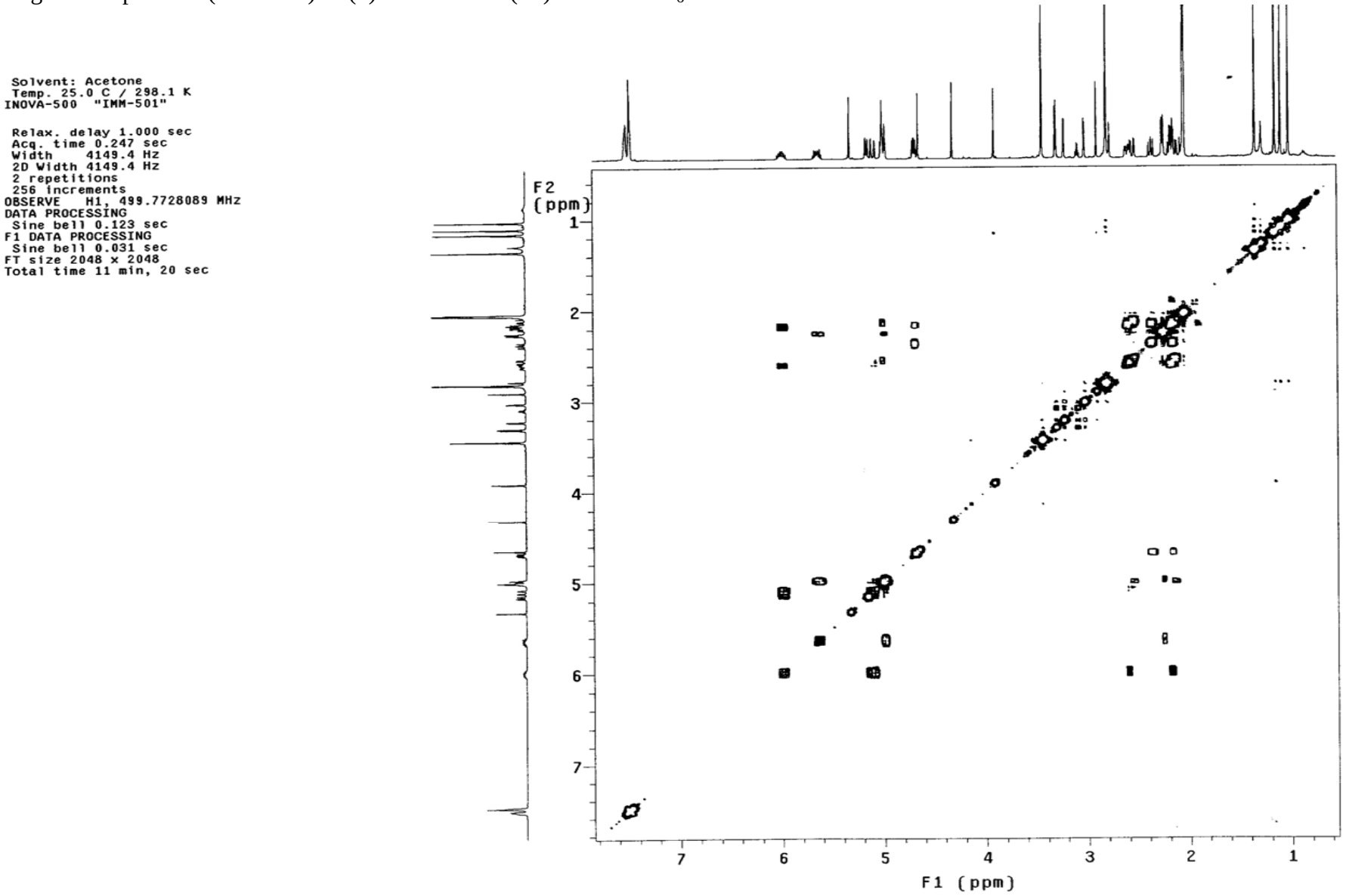
S10 ^{1}H NMR spectrum (500 MHz) of (*S*)-MTPA ester (**1b**) in acetone-d_6



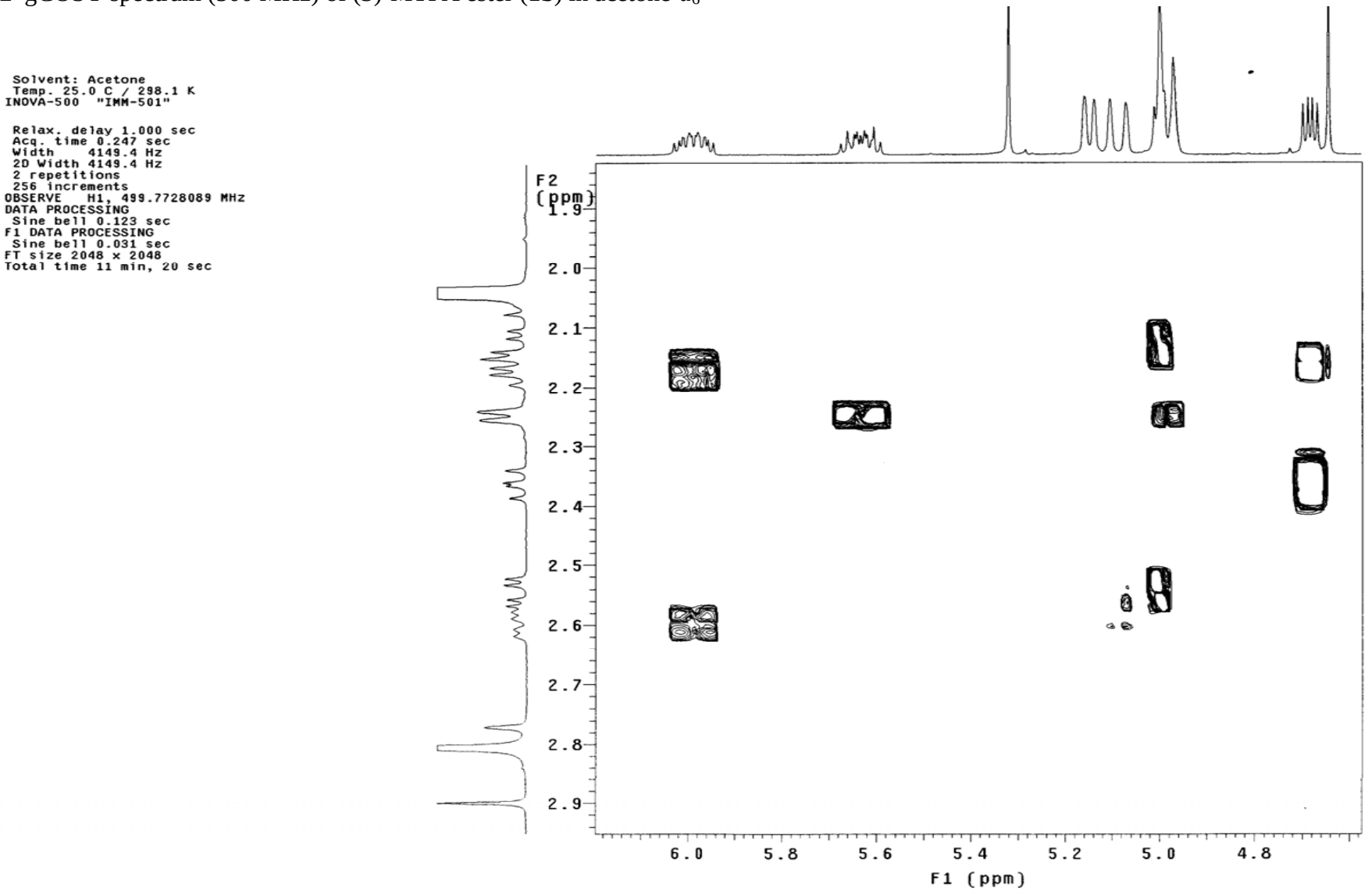
S11 ^{13}C NMR spectrum (125 MHz) of (*S*)-MTPA ester (**1b**) in acetone-d_6



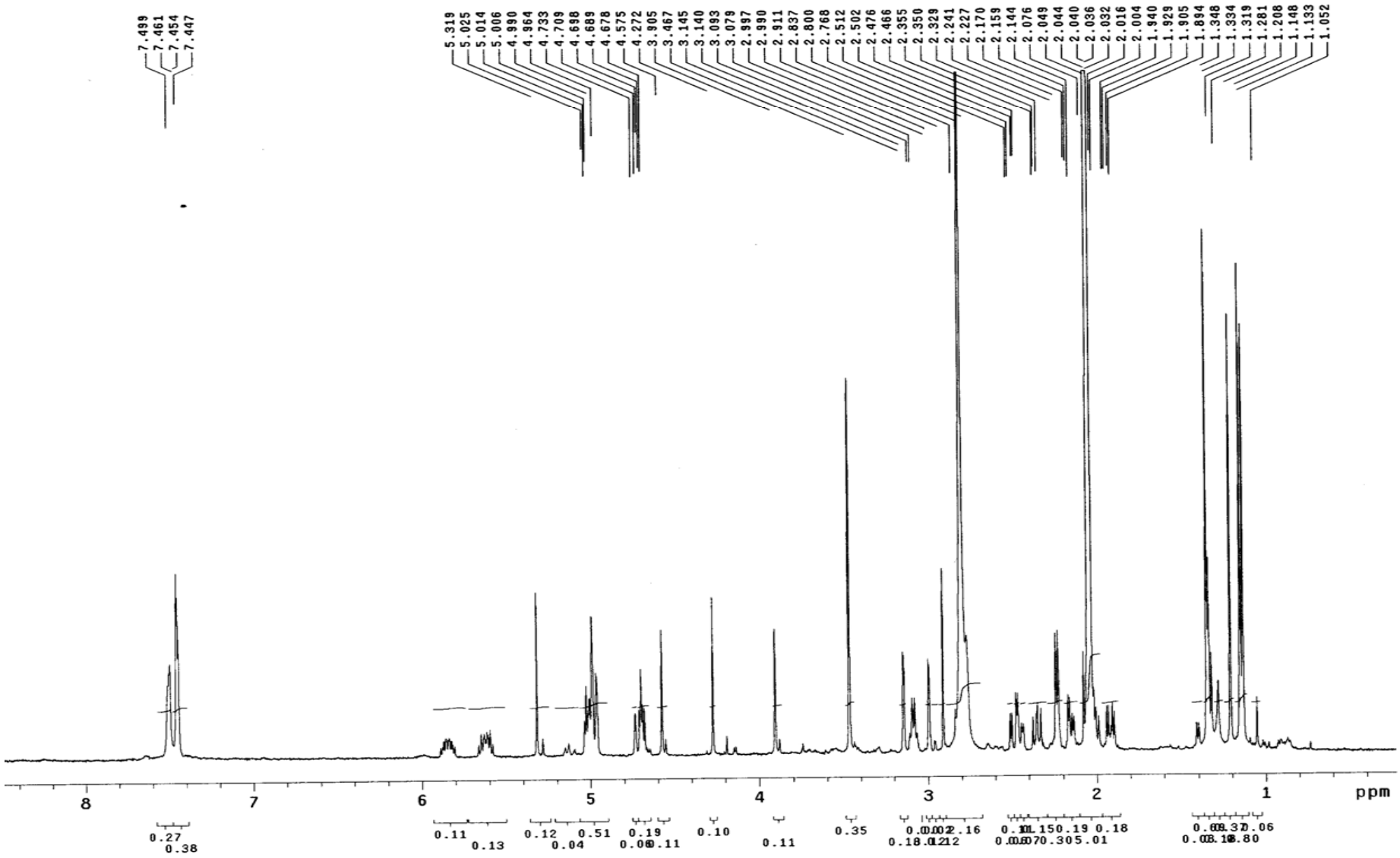
S12 gCOSY spectrum (500 MHz) of (*S*)-MTPA ester (**1b**) in acetone-d_6



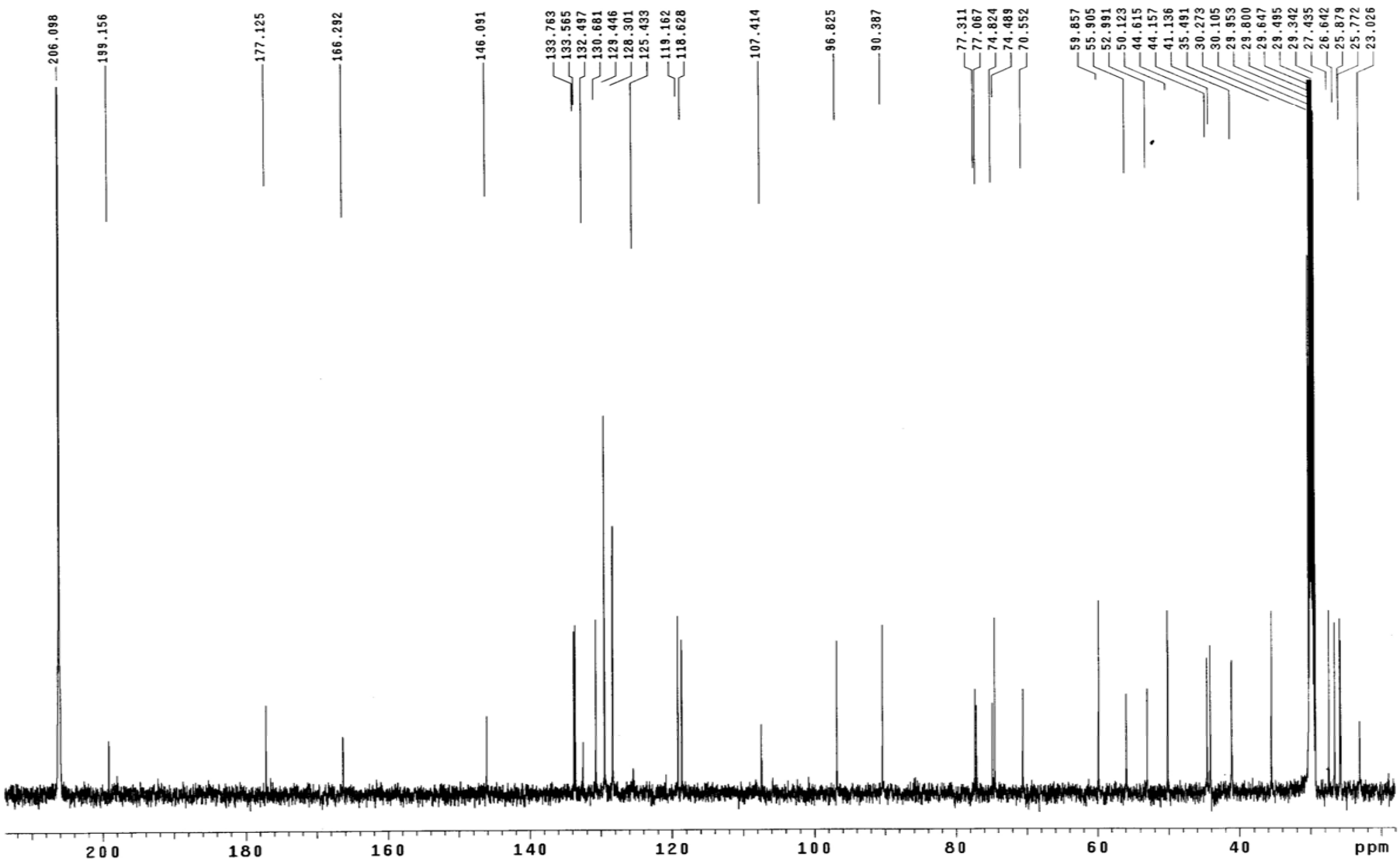
S12 gCOSY spectrum (500 MHz) of (*S*)-MTPA ester (**1b**) in acetone-d_6



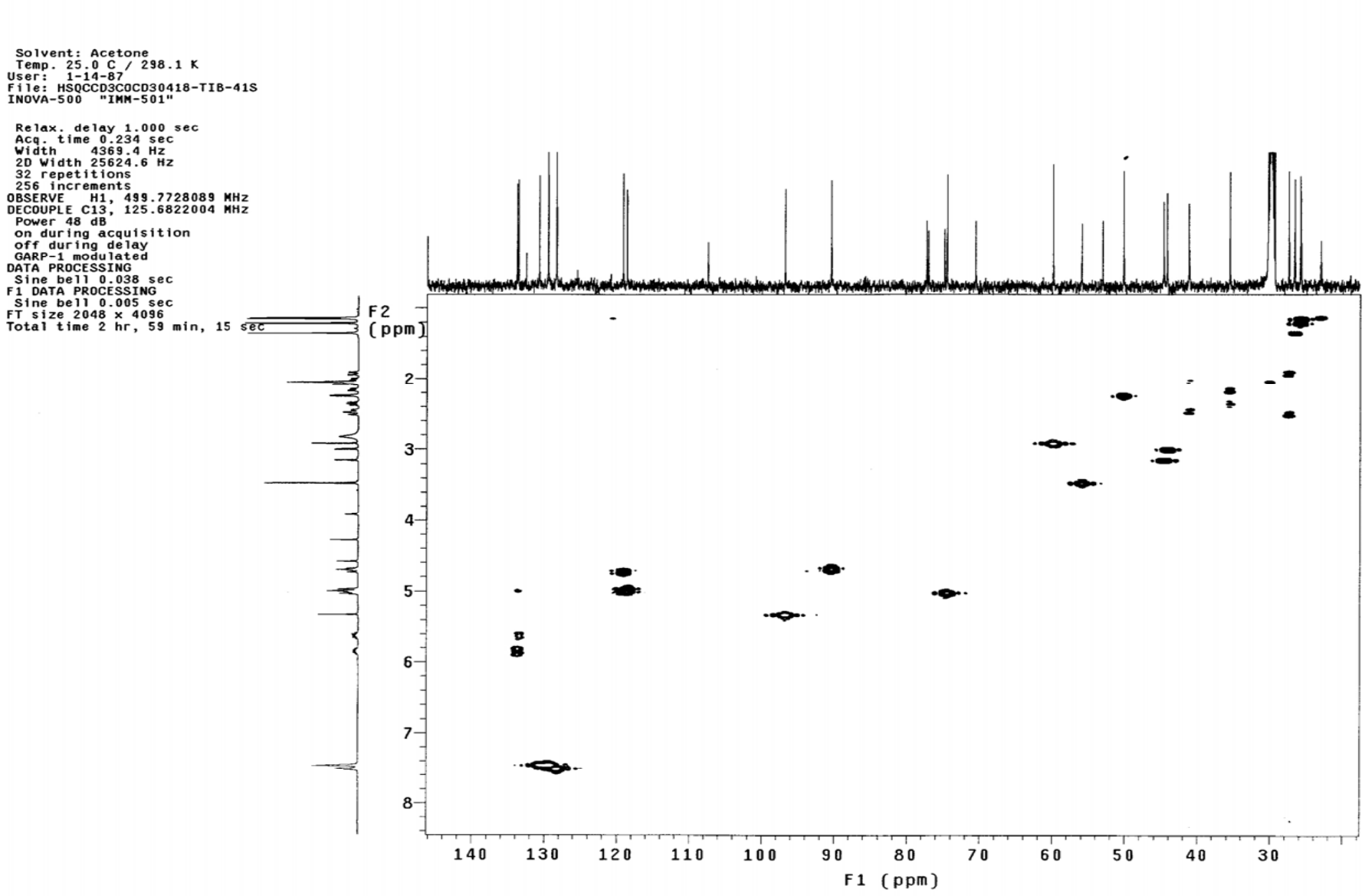
S13 ^{1}H NMR spectrum (500 MHz) of (*R*)-MTPA ester (**1a**) in acetone-d_6



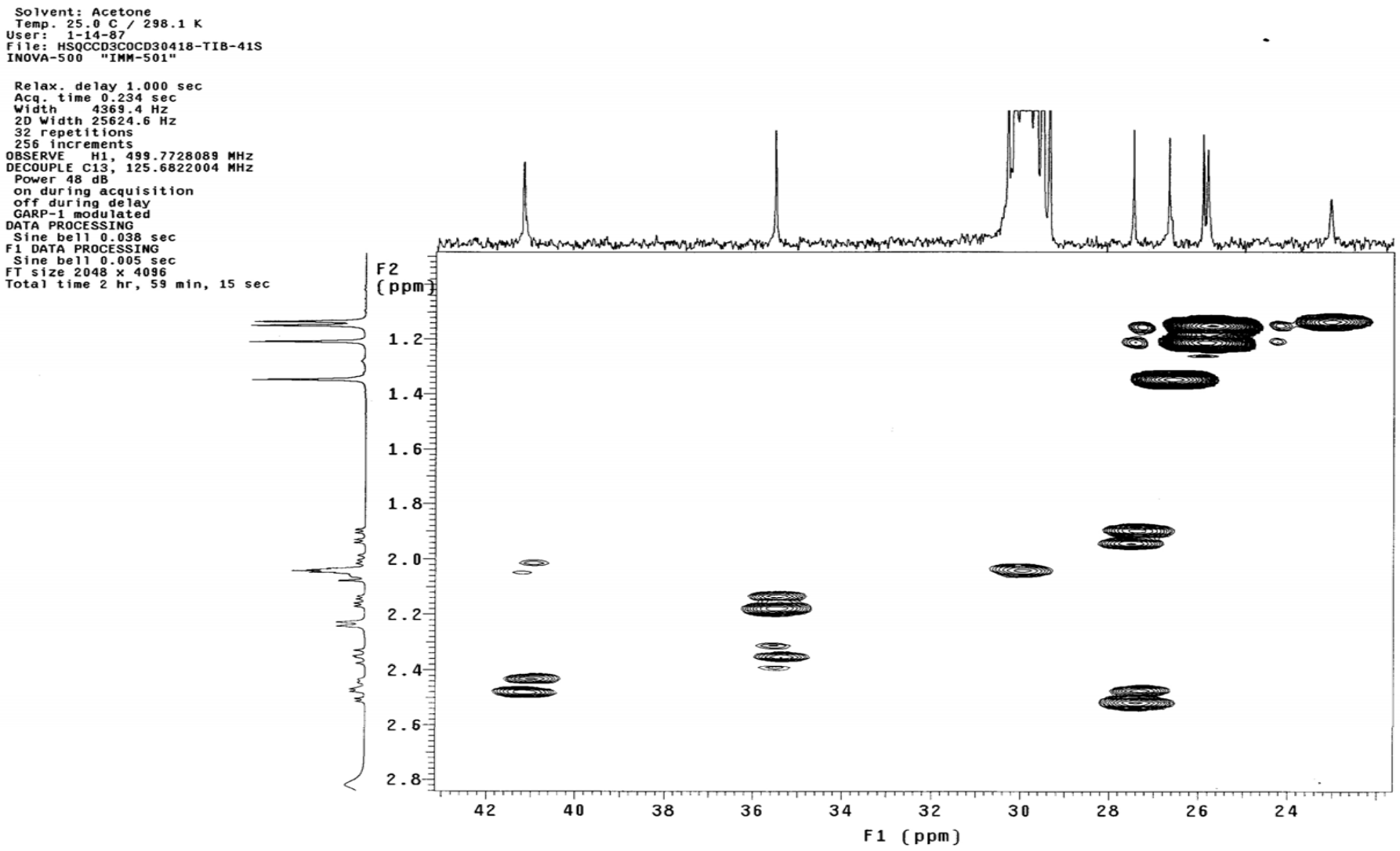
S14 ^{13}C NMR spectrum (125 MHz) of (*R*)-MTPA ester (**1a**) in acetone-d_6



S15 HSQC spectrum (500 MHz) of (*R*)-MTPA ester (**1a**) in acetone-d_6



S15 HSQC spectrum (500 MHz) of (*R*)-MTPA ester (**1a**) in acetone-d_6



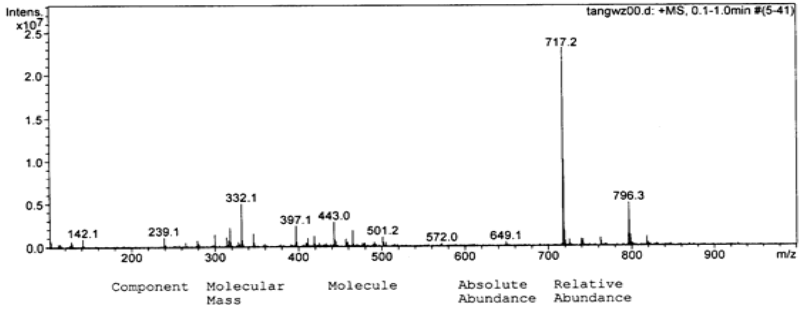
S16 ESI MS spectrum of (*S*)-MTPA ester (**1b**)

Single Mass Spectrum Deconvolution Report

Analysis Name: tangwz00.d **Instrument:** LC-MSD-Trap-SL **Print Date:** 3/15/2007 11:12:38 AM
Method: TEST.MS **Operator:** Administrator **Acq. Date:** 3/15/2007 10:57:41 AM
Sample Name: TIB-41a
Analysis Info:

Acquisition Parameter:

Mass Range Mode	Std/Normal	Trap Drive	58.2	Scan Begin	100 m/z
Ion Polarity	Positive	Octopole RF Amplitude	150.0 Vpp	Scan End	1000 m/z
Ion Source Type	ESI	Capillary Exit	117.3 Volt	Averages	5 Spectra
Dry Temp (Set)	325 °C	Skimmer	40.0 Volt	Max. Accu Time	300000 µs
Nebulizer (Set)	15.00 psi	Oct 1 DC	12.00 Volt	ICC Target	-1
Dry Gas (Set)	6.00 l/min	Oct 2 DC	2.00 Volt	Charge Control	on



Component	Molecular Mass	Molecule	Absolute Abundance	Relative Abundance

S17 ESI MS spectrum of (*R*)-MTPA ester (**1a**)

Single Mass Spectrum Deconvolution Report

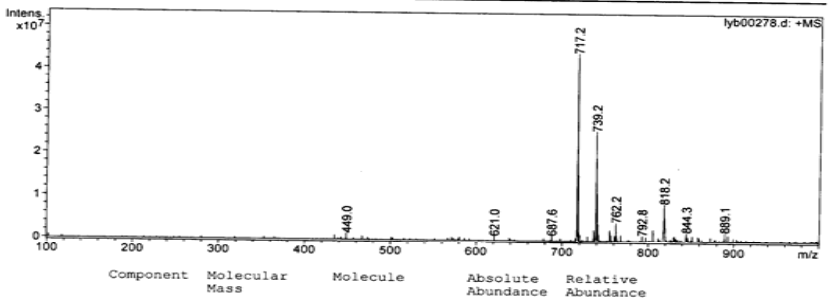
Analysis Name: lyb00278.d
Method: TEST.MS
Sample Name: H-4
Analysis Info:

Instrument: LC-MSD-Trap-SL
Operator: Administrator

Print Date: 4/18/2007 2:00:27 PM
Acq. Date: 4/17/2007 1:59:16 PM

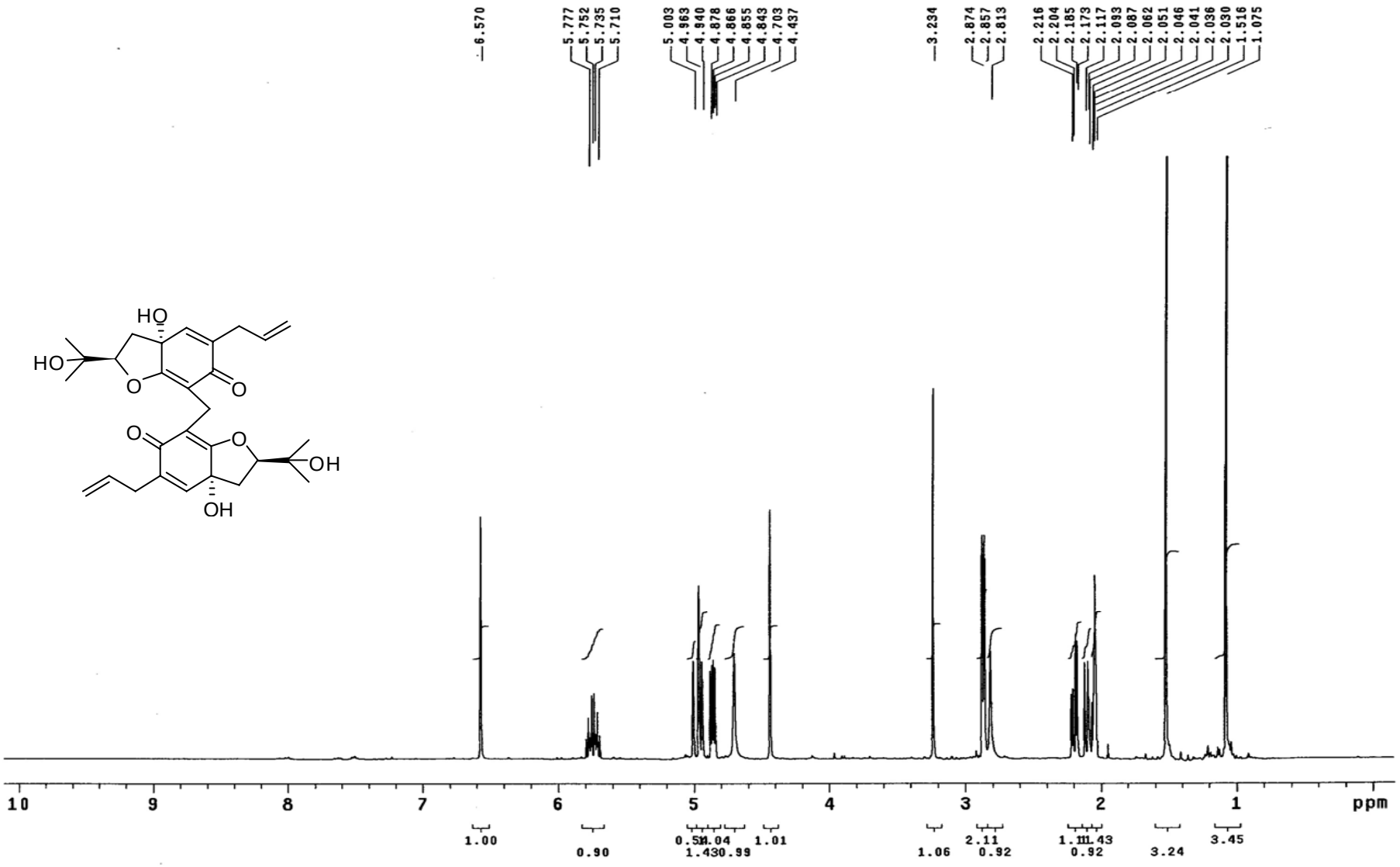
Acquisition Parameter:

Mass Range Mode	Std/Normal	Trap Drive	80.1	Scan Begin	100 m/z
Ion Polarity	Positive	Octopole RF Amplitude	153.2 Vpp	Scan End	1000 m/z
Ion Source Type	ESI	Capillary Exit	128.5 Volt	Averages	5 Spectra
Dry Temp (Set)	325 °C	Skimmer	40.0 Volt	Max. Accu Time	300000 µs
Nebulizer (Set)	15.00 psi	Oct 1 DC	12.00 Volt	ICC Target	30000
Dry Gas (Set)	6.00 l/min	Oct 2 DC	2.70 Volt	Charge Control	on

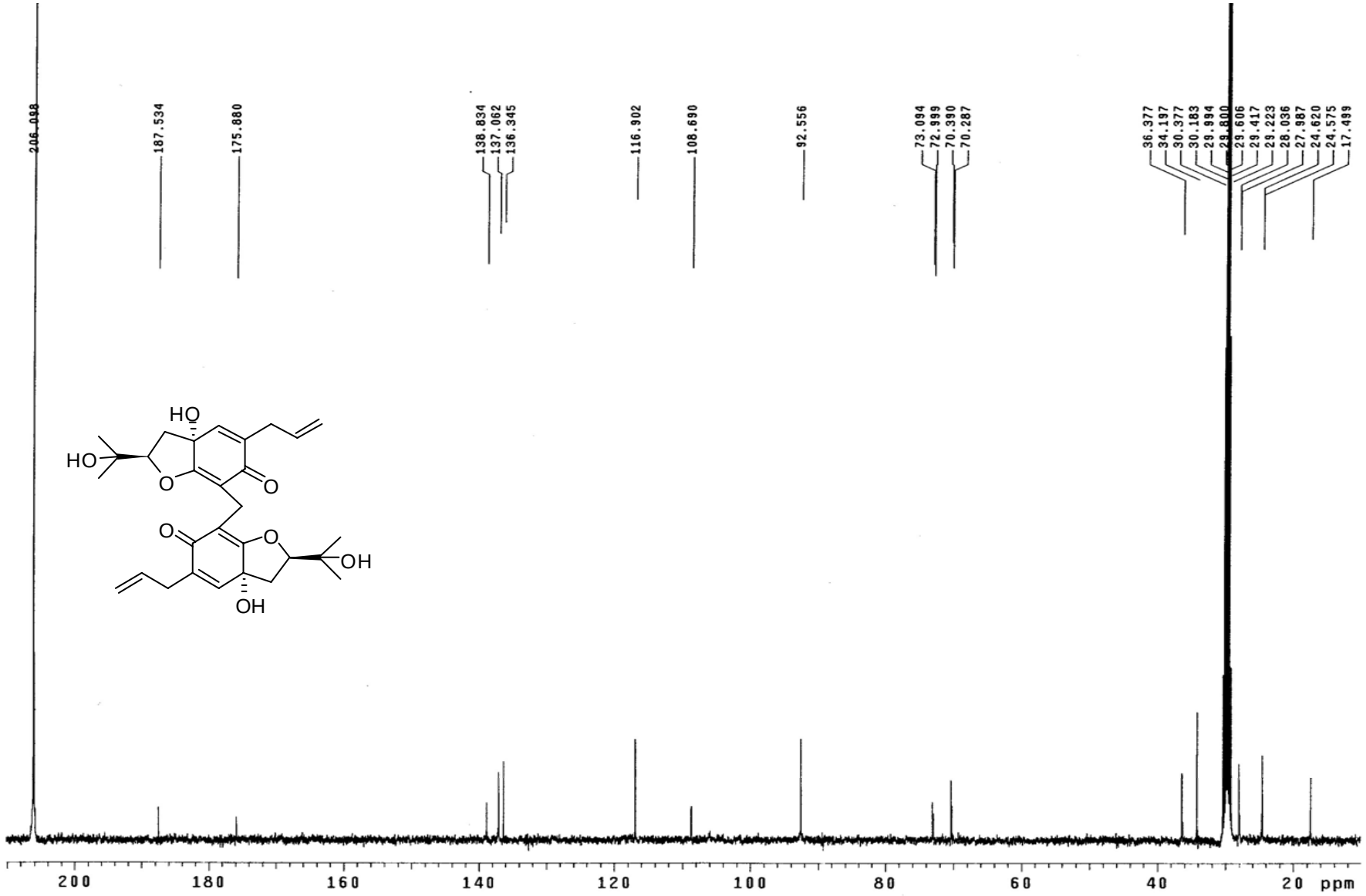


Component	Molecular Mass	Molecule	Absolute Abundance	Relative Abundance

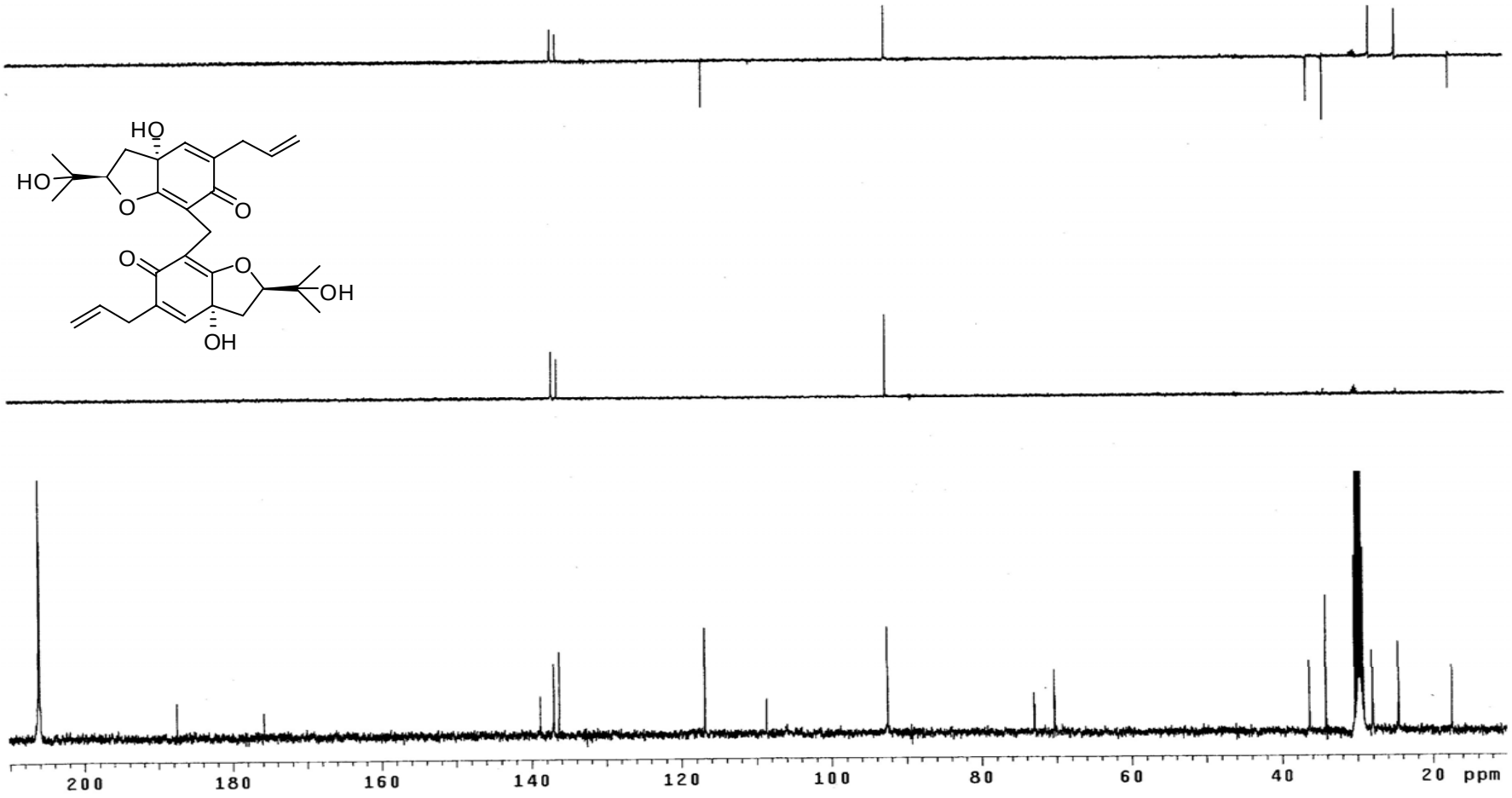
S18 ^{1}H NMR spectrum (400 MHz) of compound **2** in acetone d_6



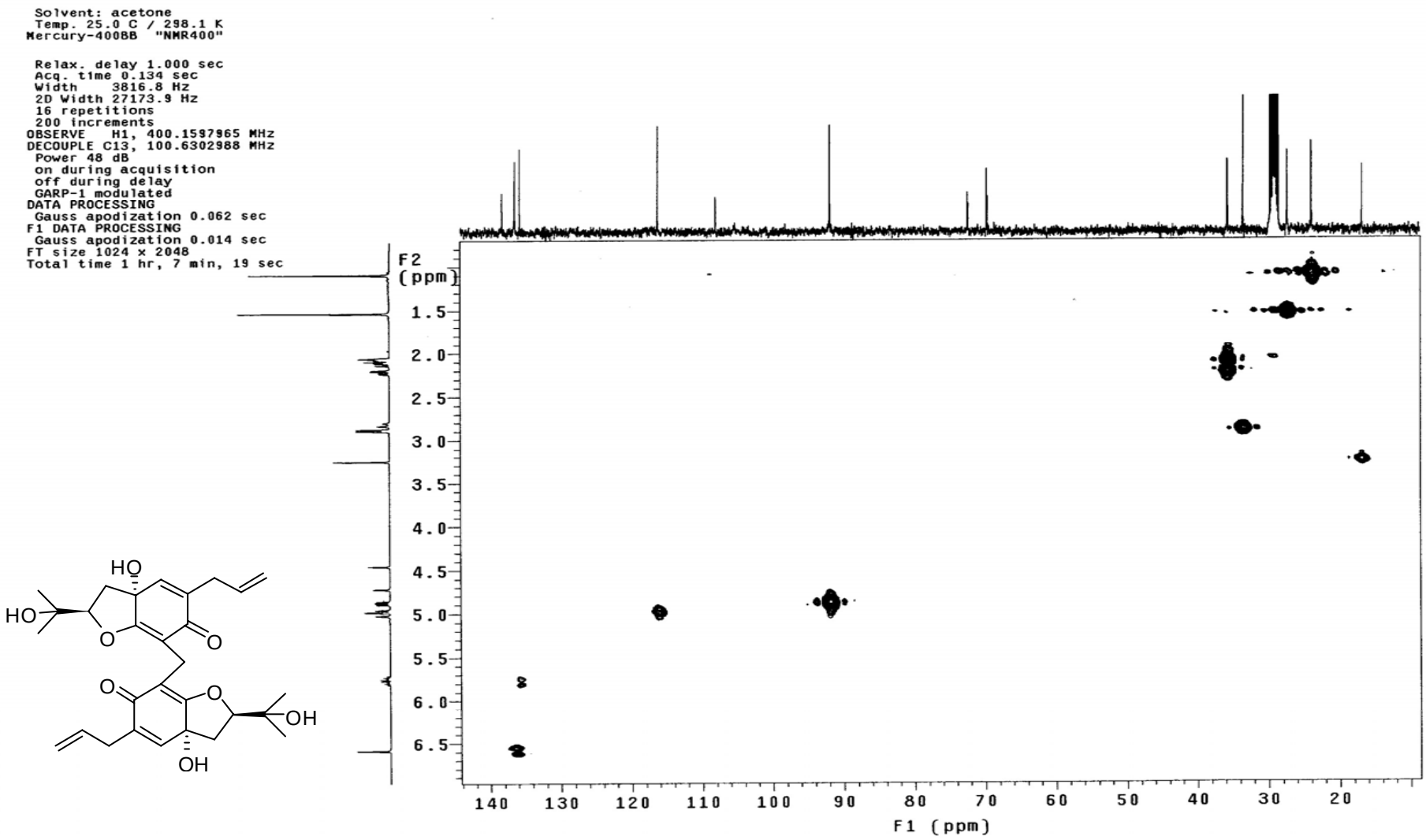
S19 ^{13}C NMR spectrum (100 MHz) of compound **2** in acetone d_6



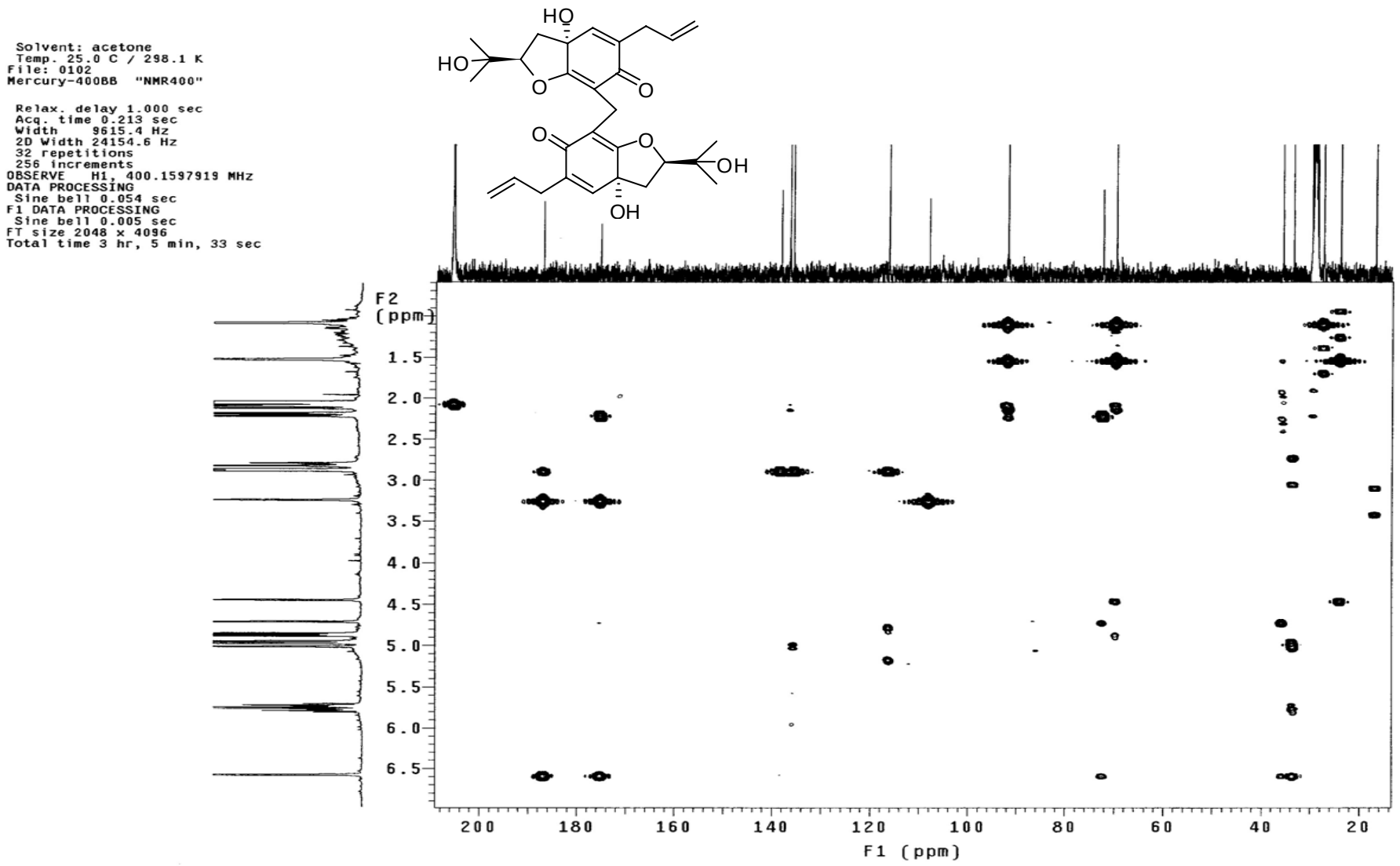
S20 DEPT spectrum (400 MHz) of compound **2** in acetone d_6



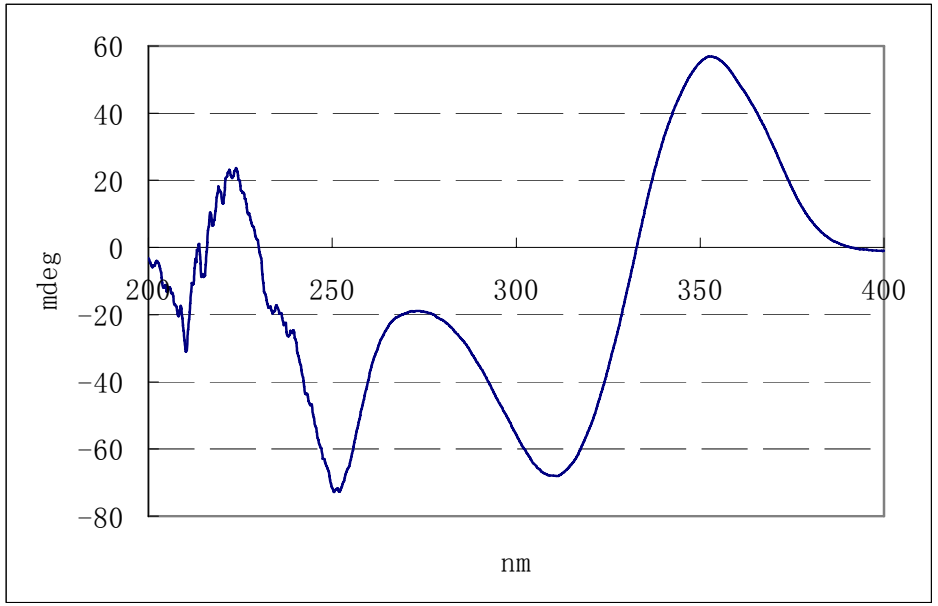
S21 HSQC spectrum (400 MHz) of compound **2** in acetone-d_6

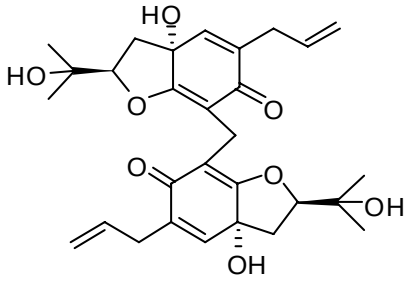


S22 HMBC spectrum (400 MHz) of compound **2** in acetone-d_6

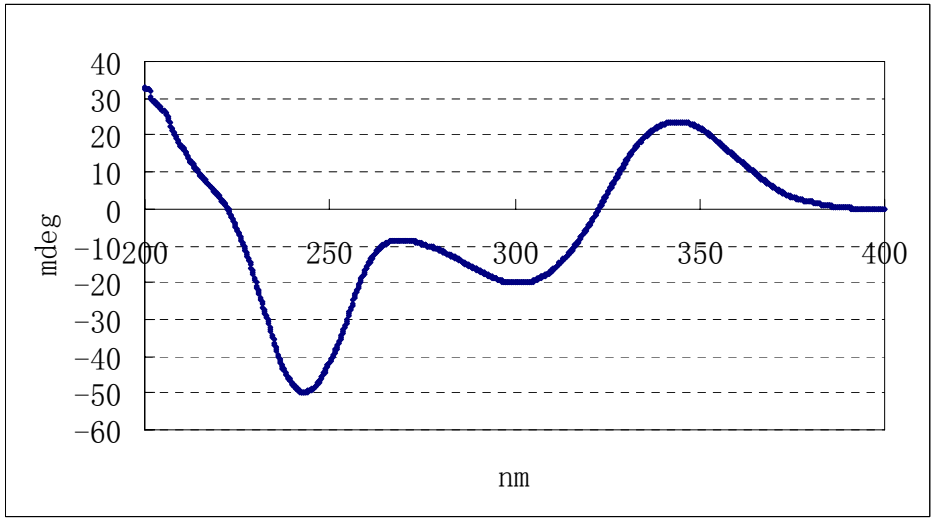


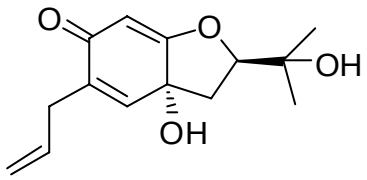
S23 CD spectra of compound **2** and 2,3-dehydroillifunone in MeOH





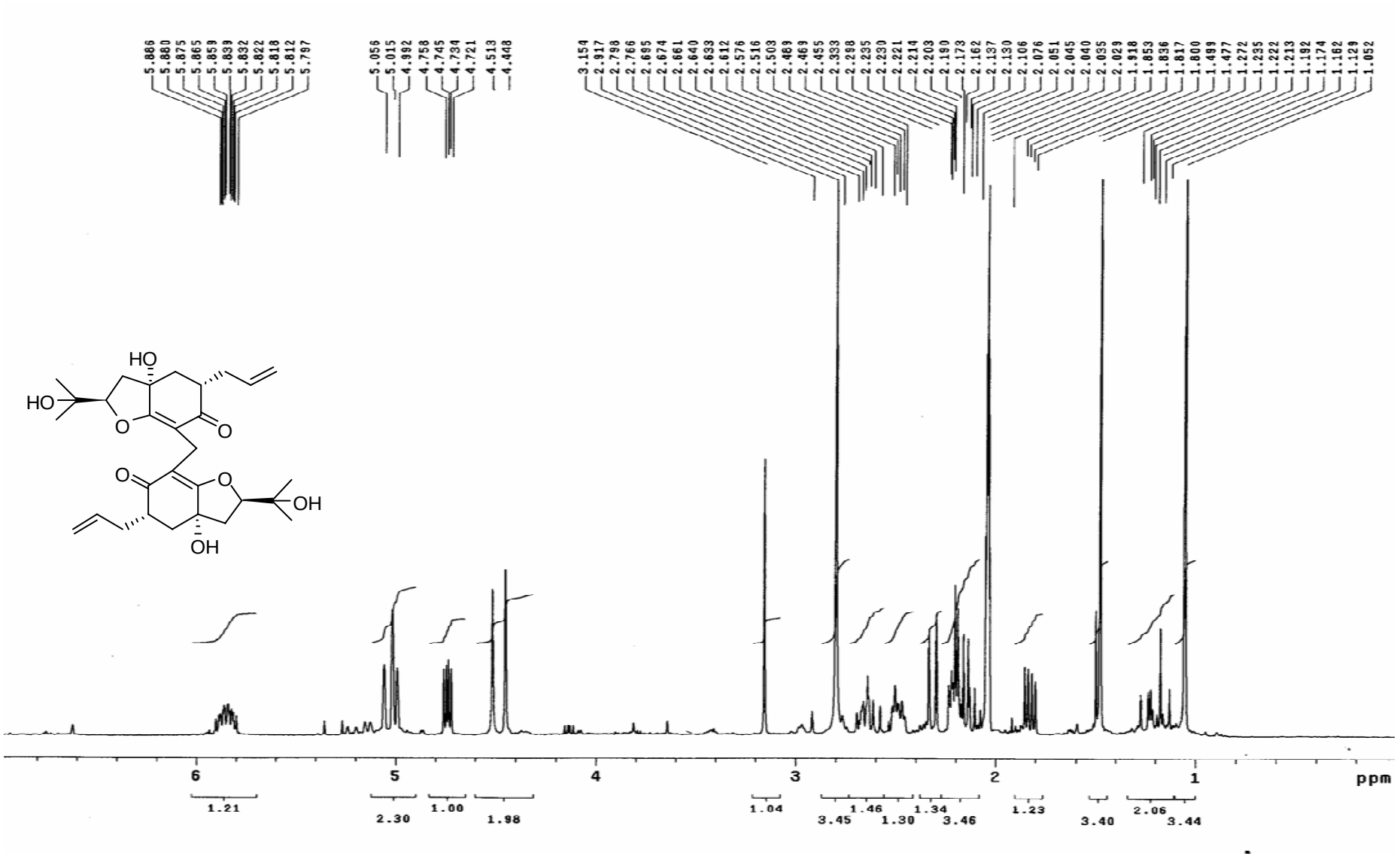
2



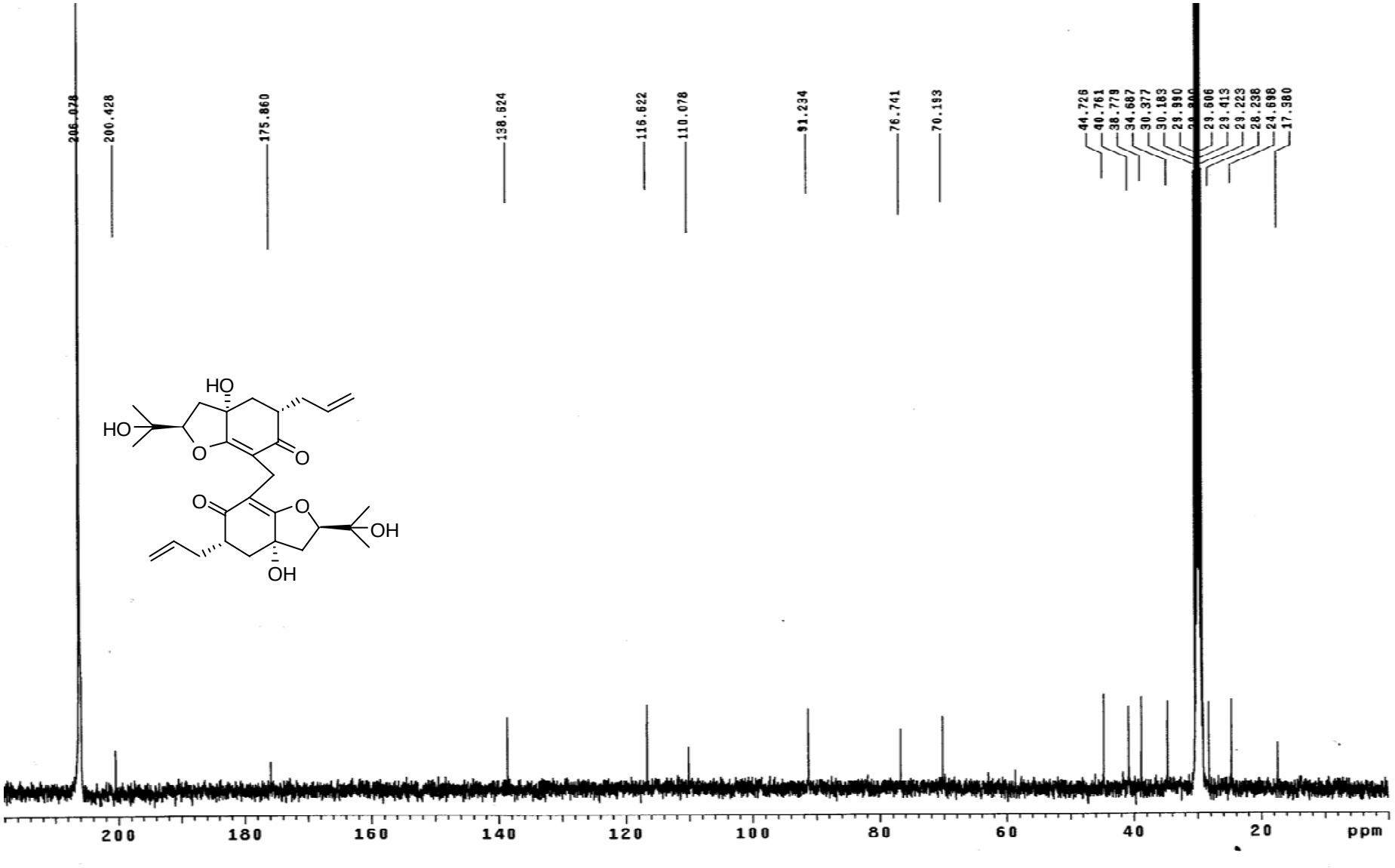


2,3-dehydroillifunone

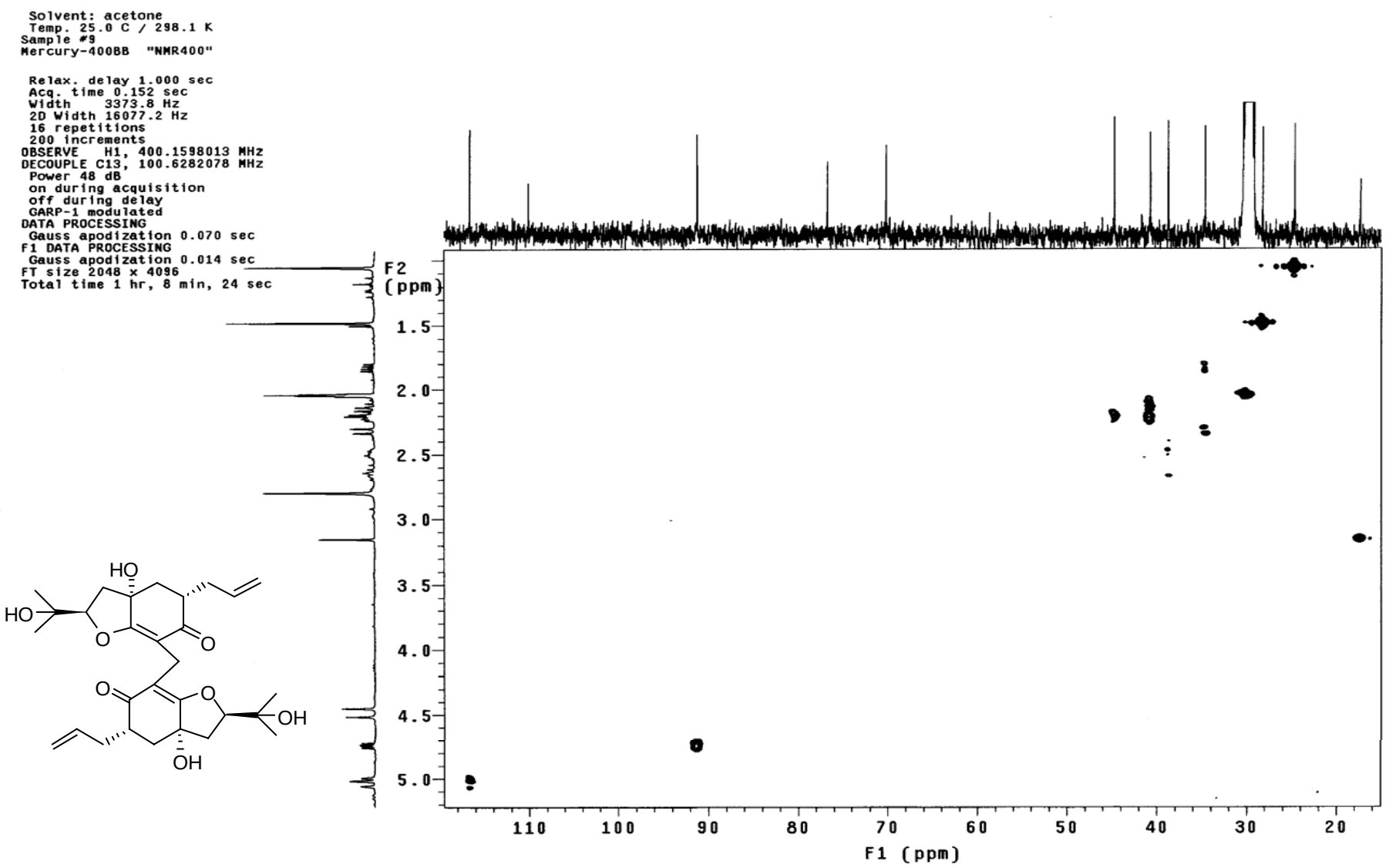
S24 ^{1}H NMR spectrum (400 MHz) of compound **3** acetone-d_6



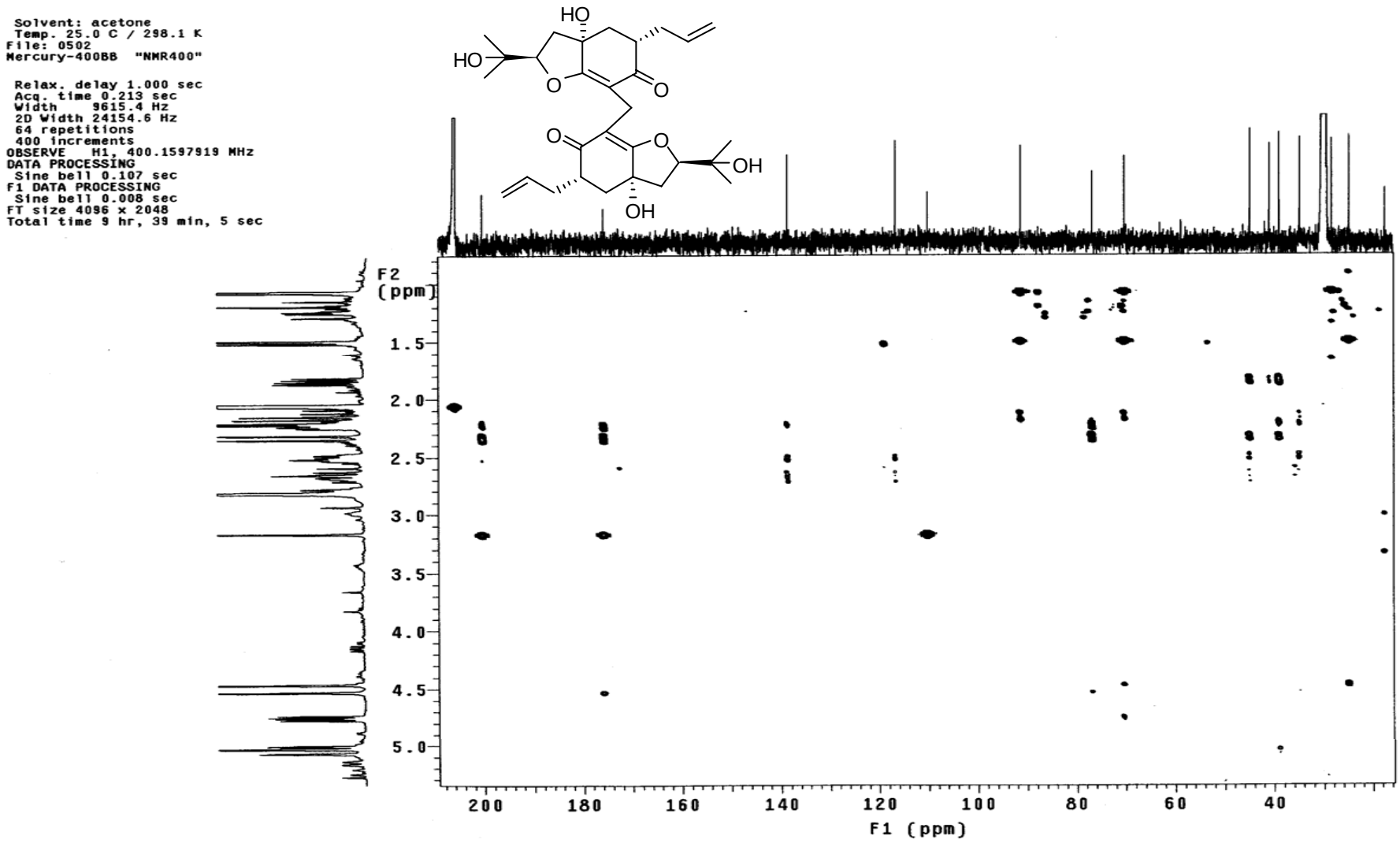
S25 ^{13}C NMR spectrum (100 MHz) of compound **3** in acetone-d_6



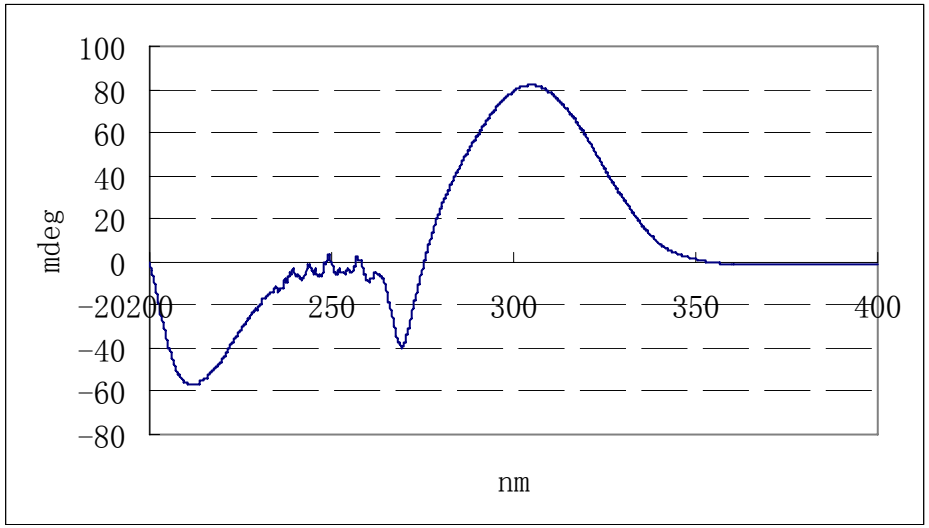
S26 HSQC spectrum (400 MHz) of compound **3** in acetone-d_6

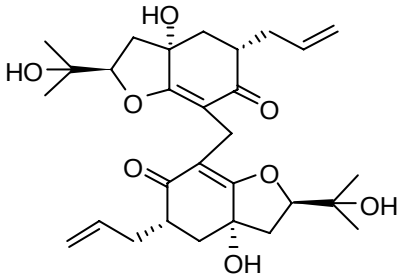


S27 HMBC spectrum (400 MHz) of compound **3** in acetone-d_6



S28 CD spectra of compound **3** and illifunone D in MeOH





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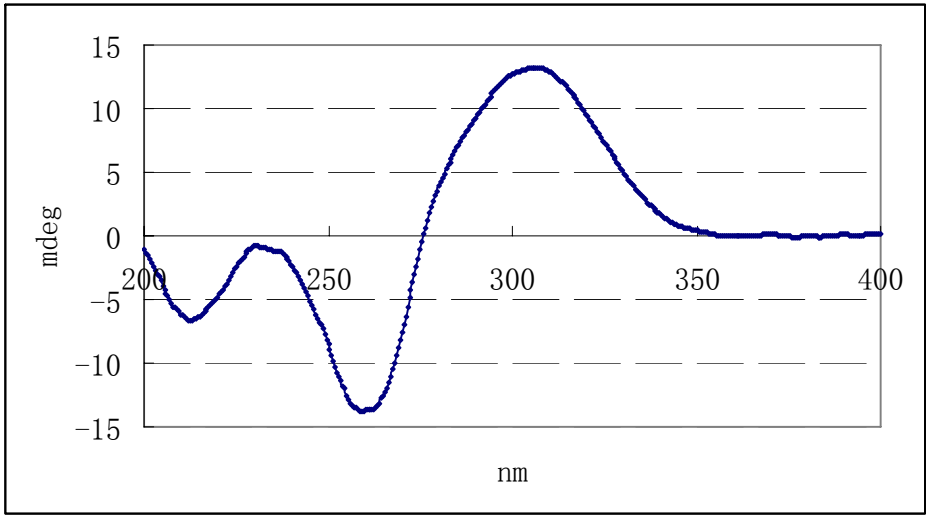

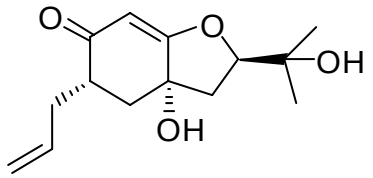

illifunone D