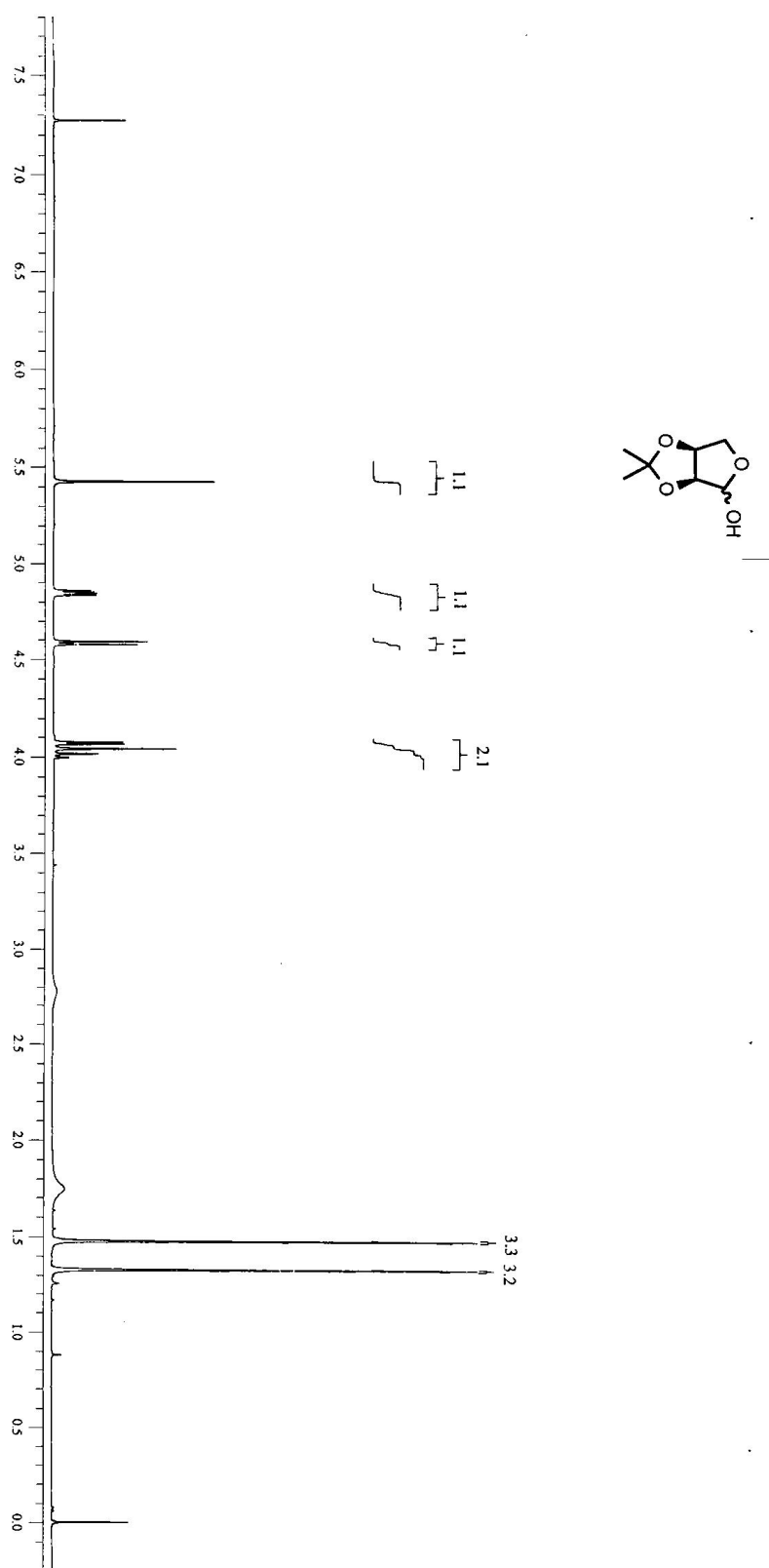


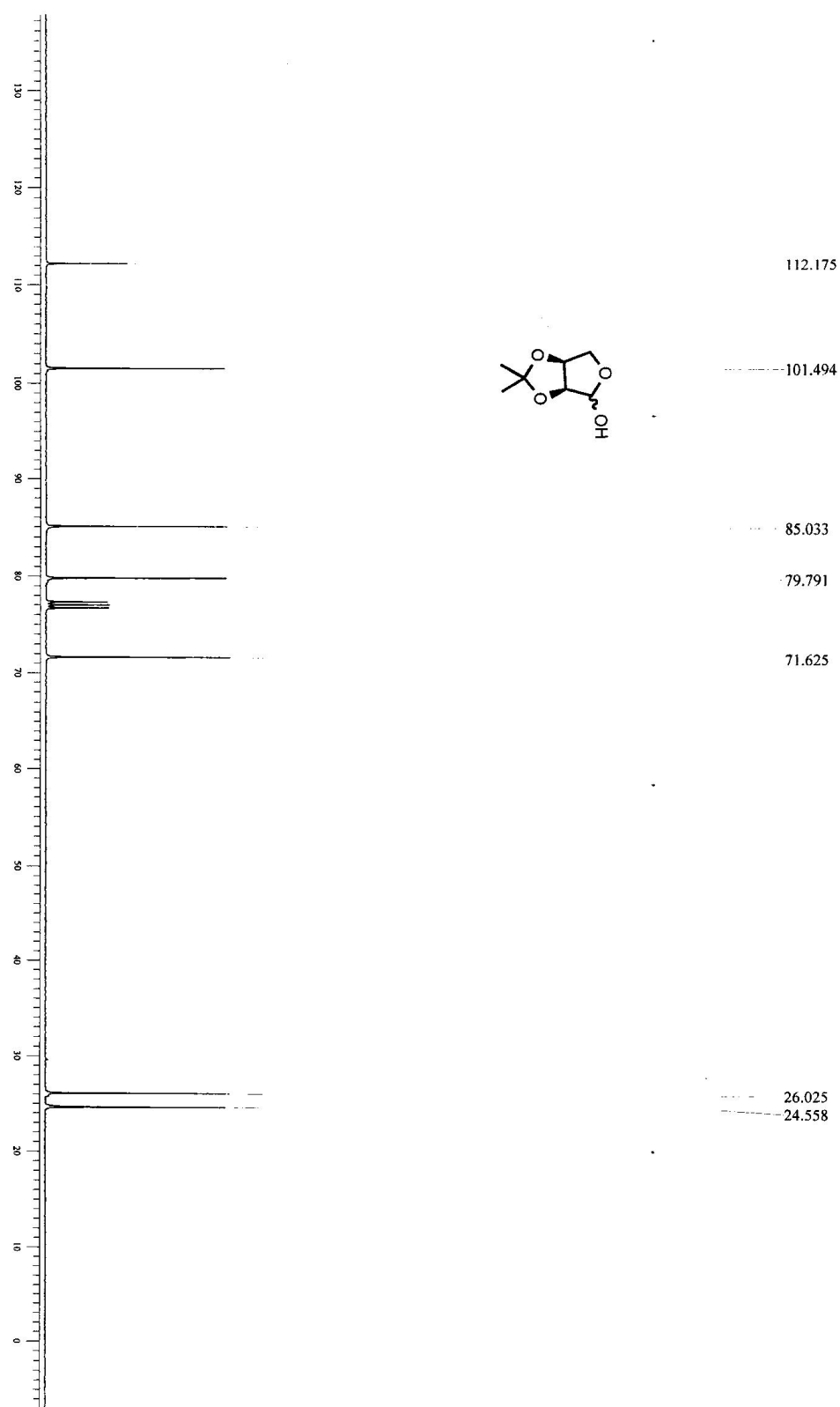
Supporting Information for

Total Synthesis of the Proposed Structure of Aspergillide D

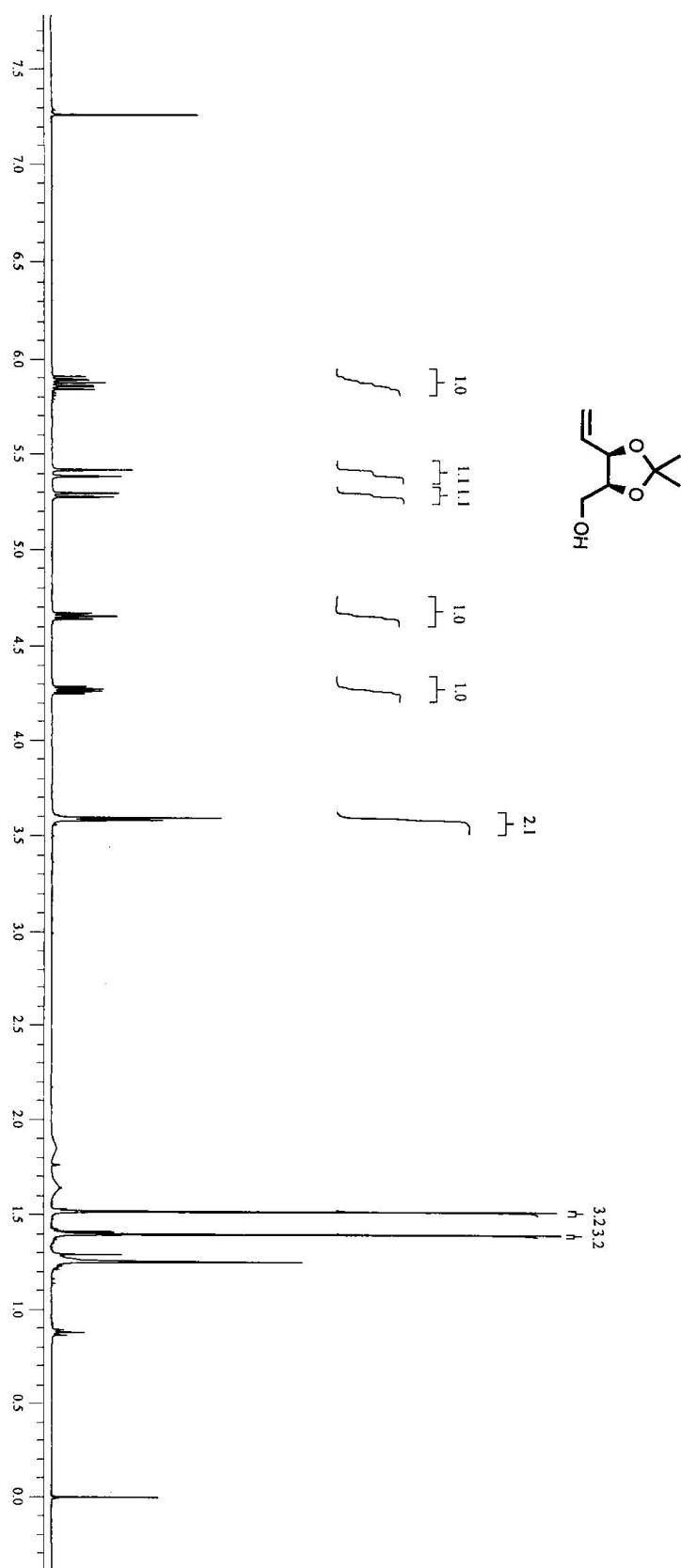
Bighnanshu Jena, G. Sudhakar Reddy and Debendra K. Mohapatra*



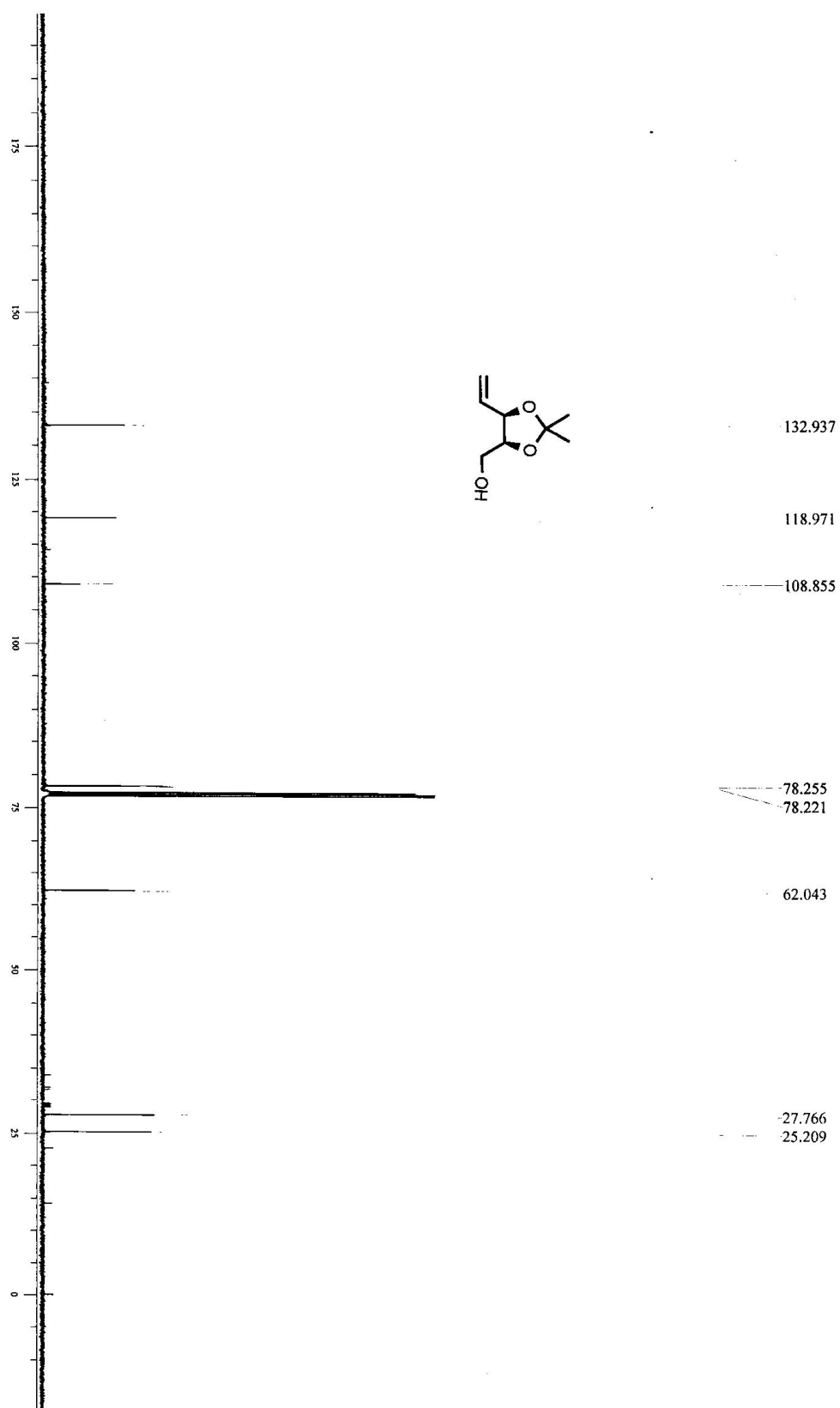
^1H NMR Spectrum of Compound 9 (400 MHz, CDCl_3)



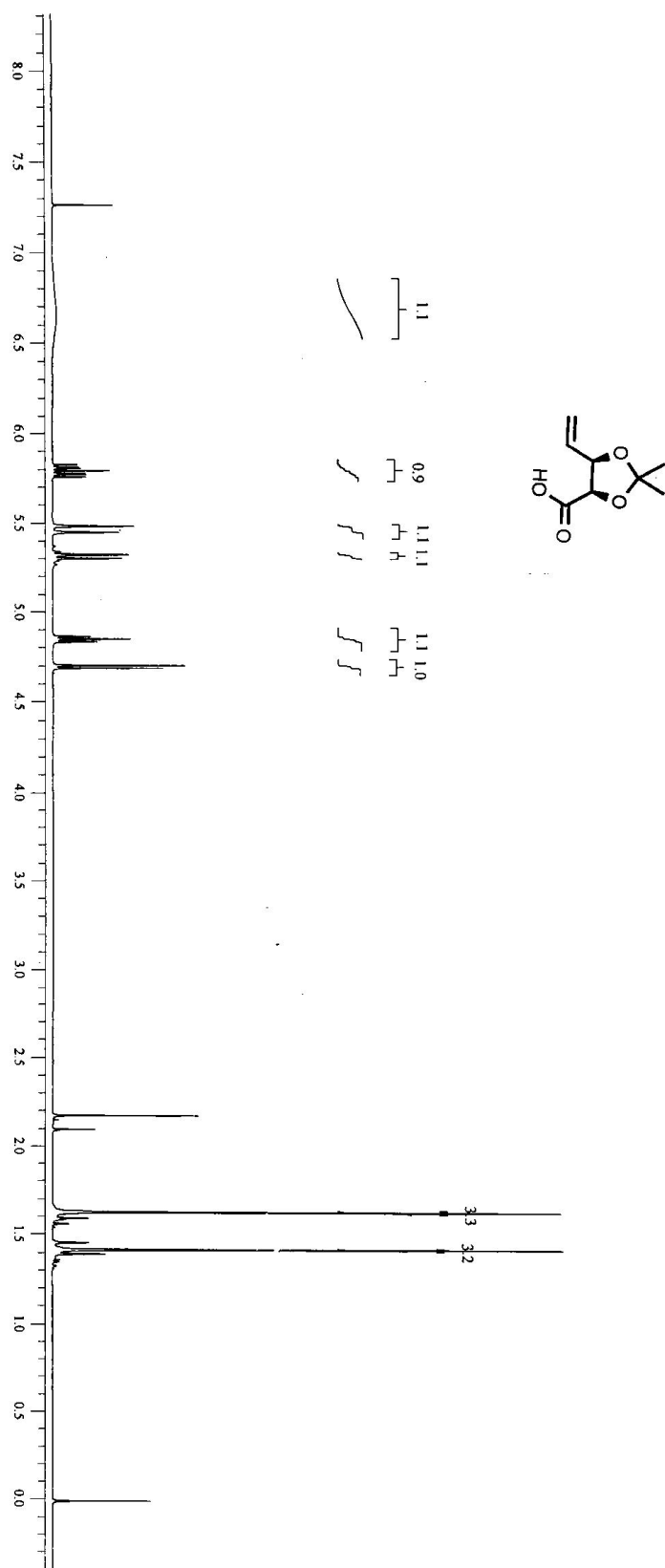
^{13}C NMR Spectrum of Compound 9 (100 MHz, CDCl_3)

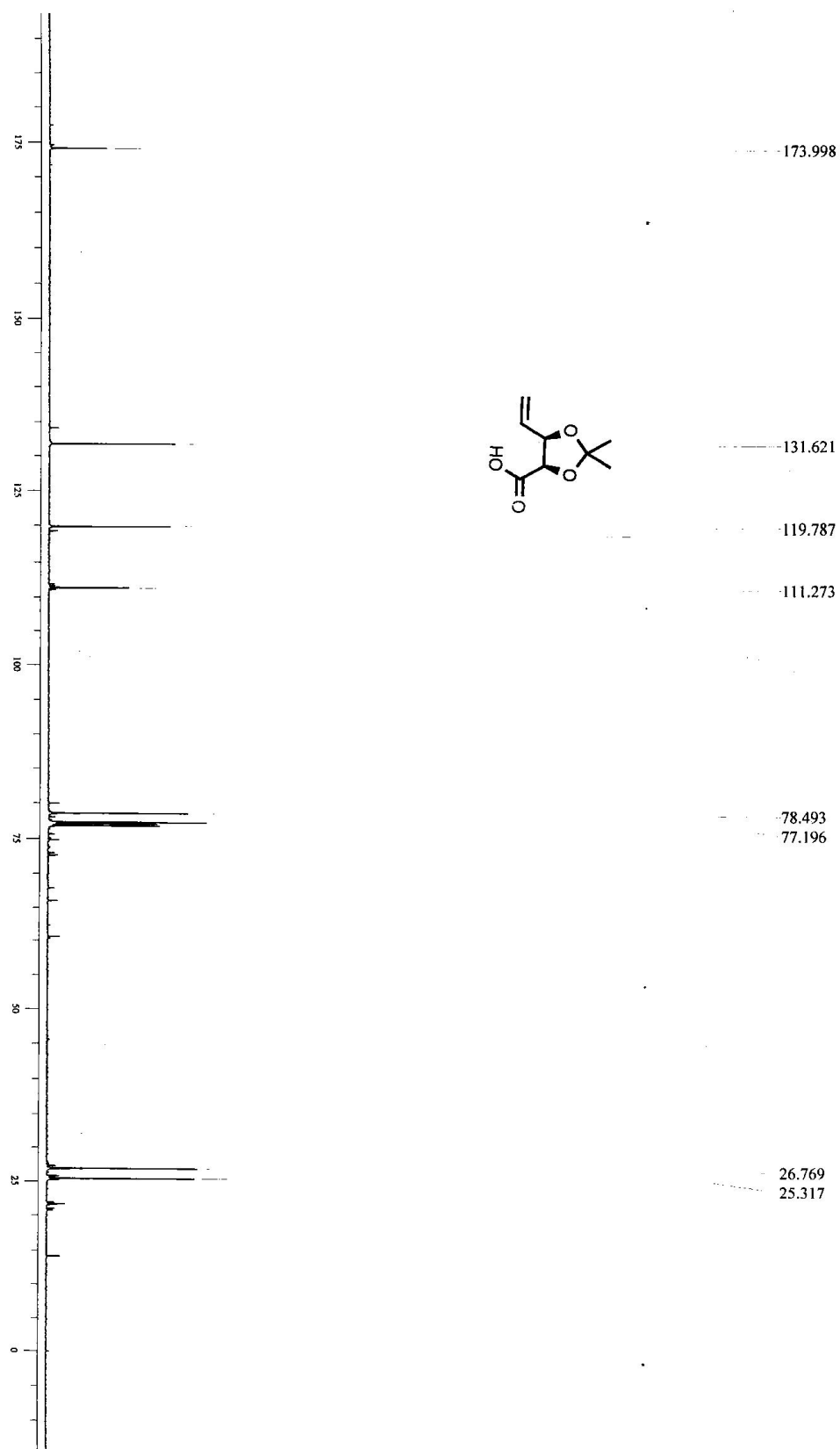


¹H NMR Spectrum of Compound 10 (CDCl₃, 500 MHz)

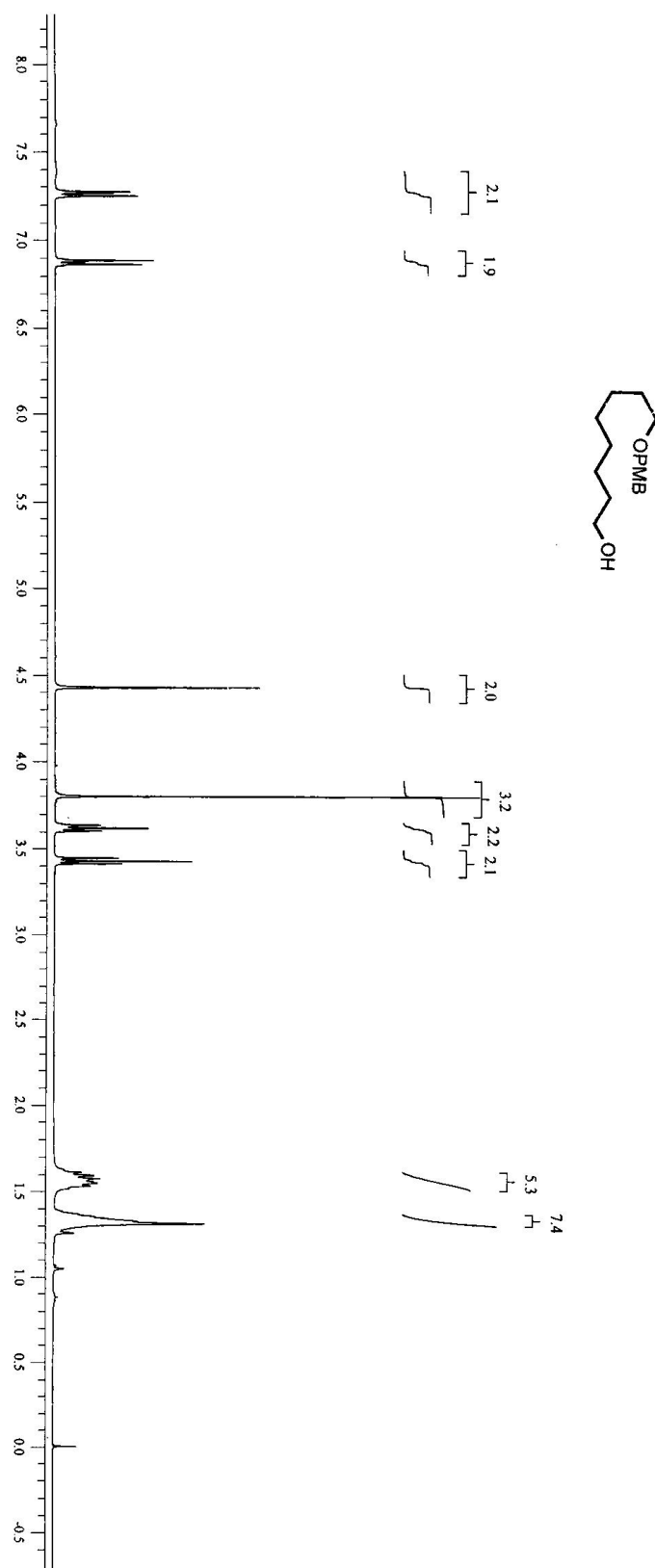


^{13}C NMR Spectrum of Compound 10 (CDCl_3 , 125 MHz)

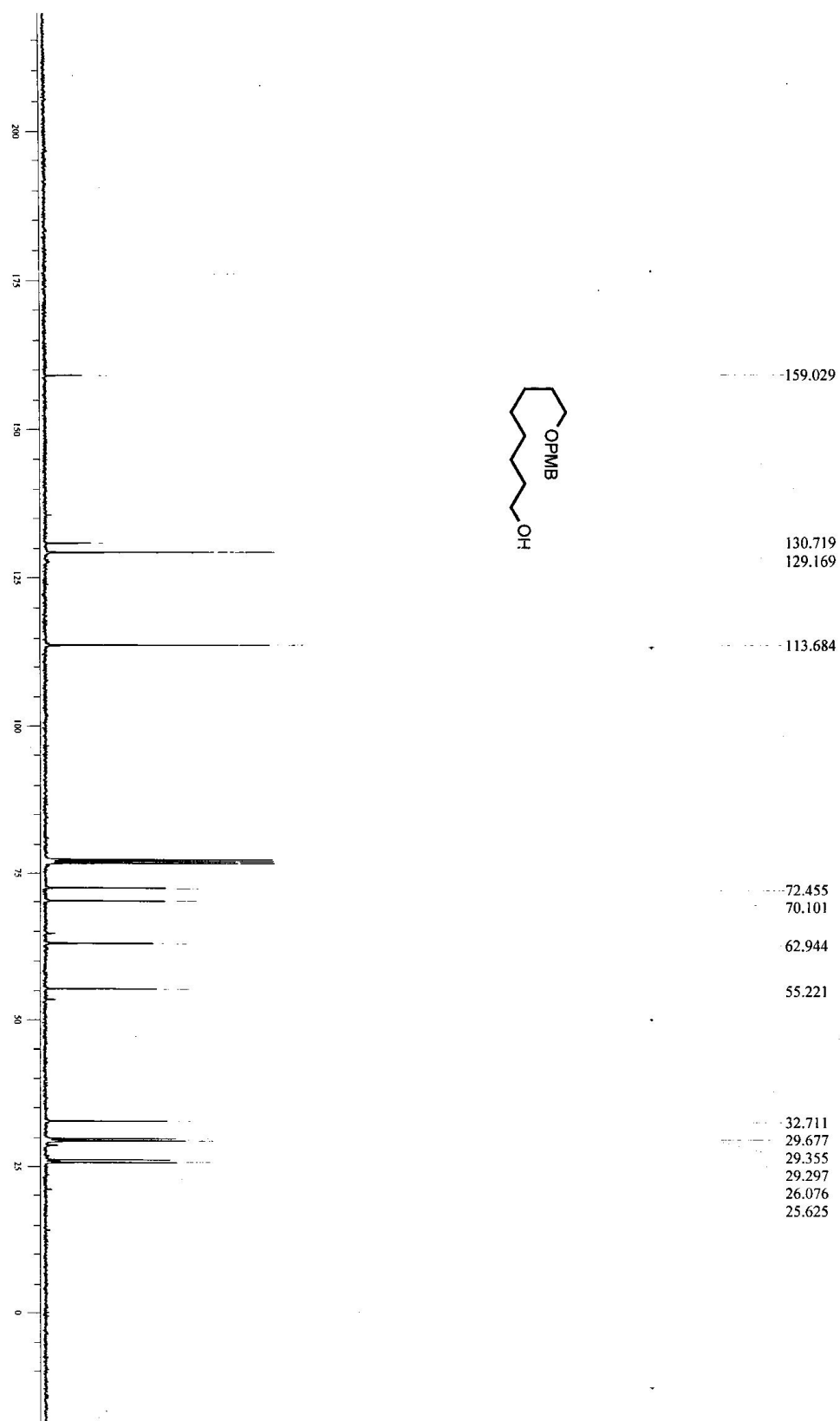




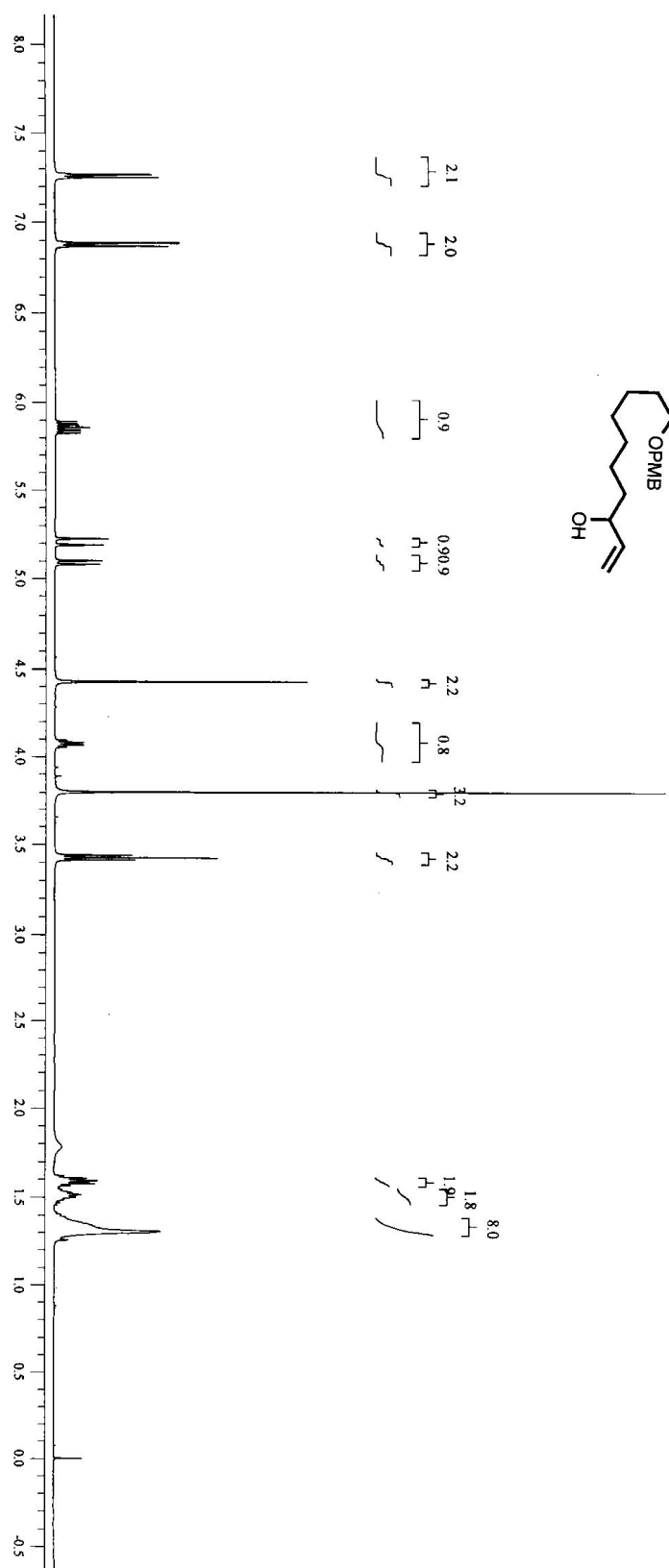
^{13}C NMR Spectrum of Compound 5 (CDCl_3 , 125 MHz)



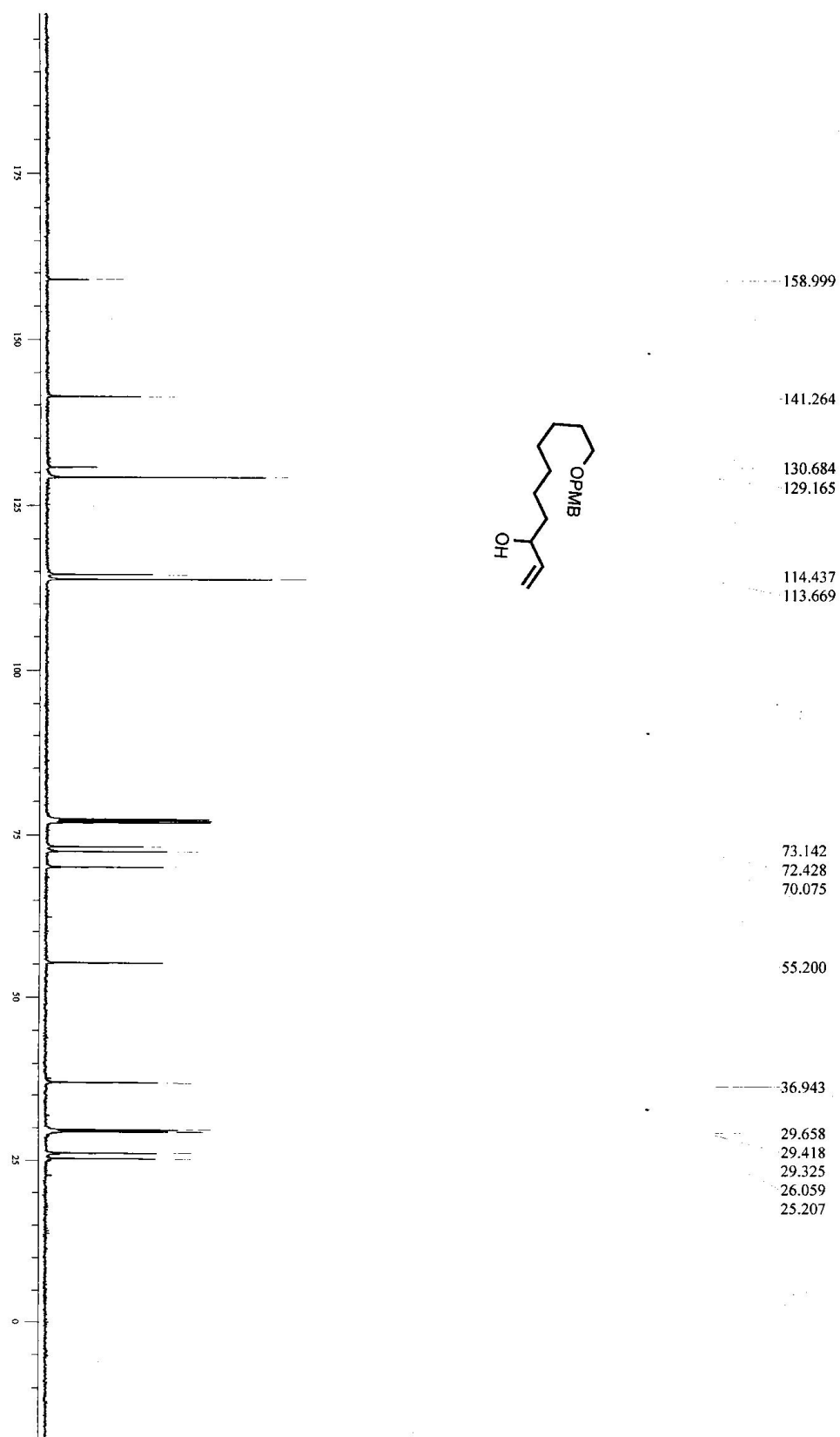
¹H NMR Spectrum of Compound 11 (CDCl₃, 400 MHz)



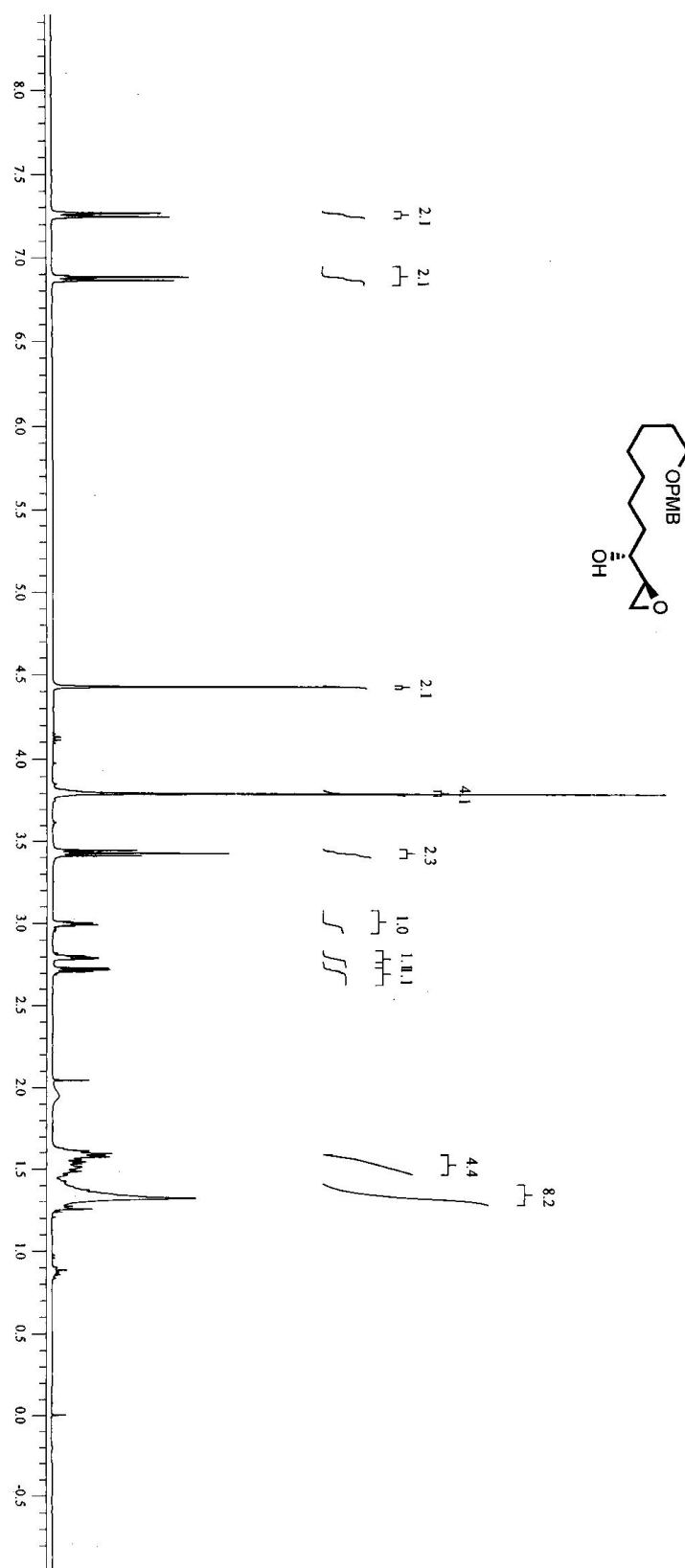
^{13}C NMR Spectrum of Compound 11 (CDCl_3 , 100 MHz)



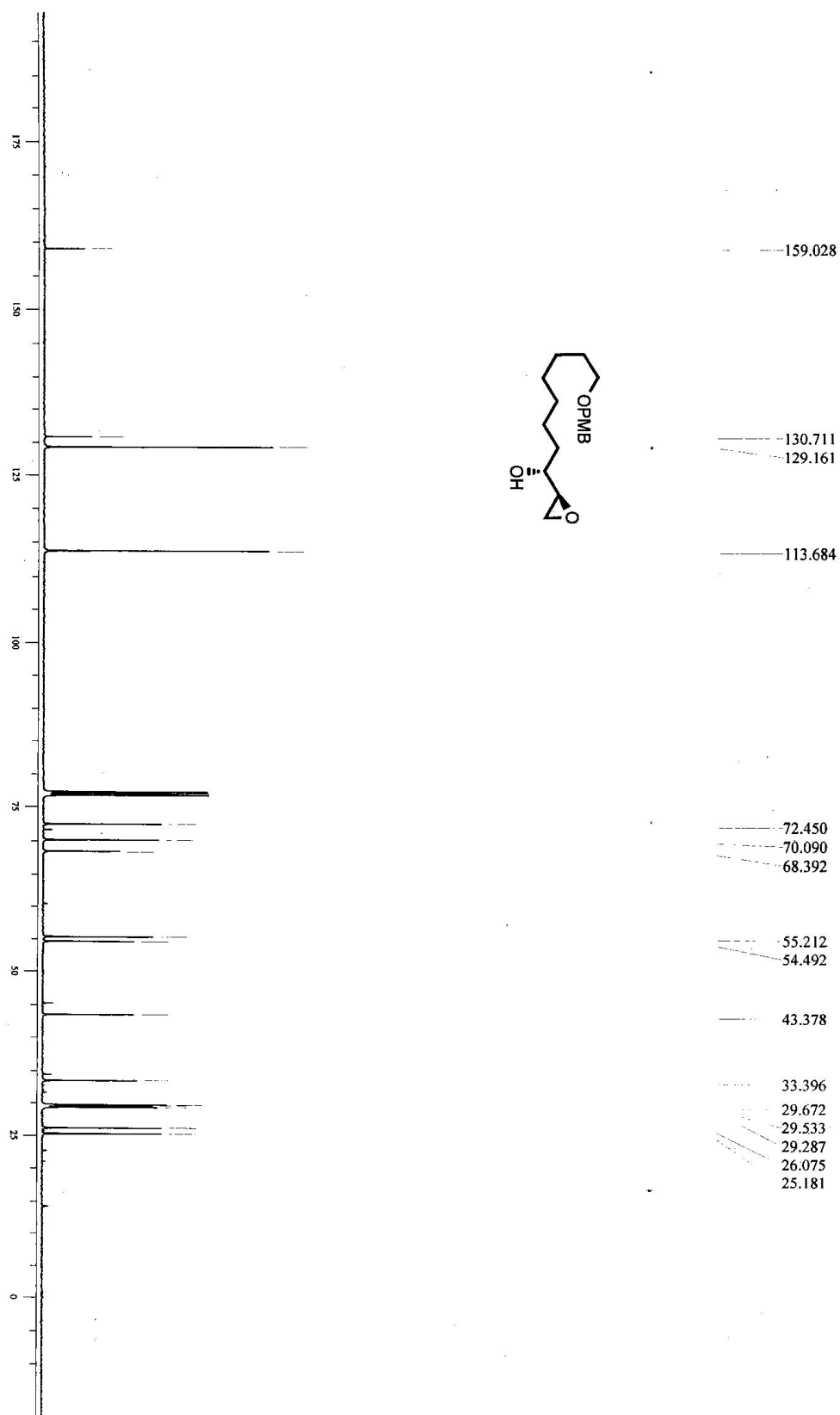
¹H NMR Spectrum of Compound 12 (CDCl₃, 500 MHz)



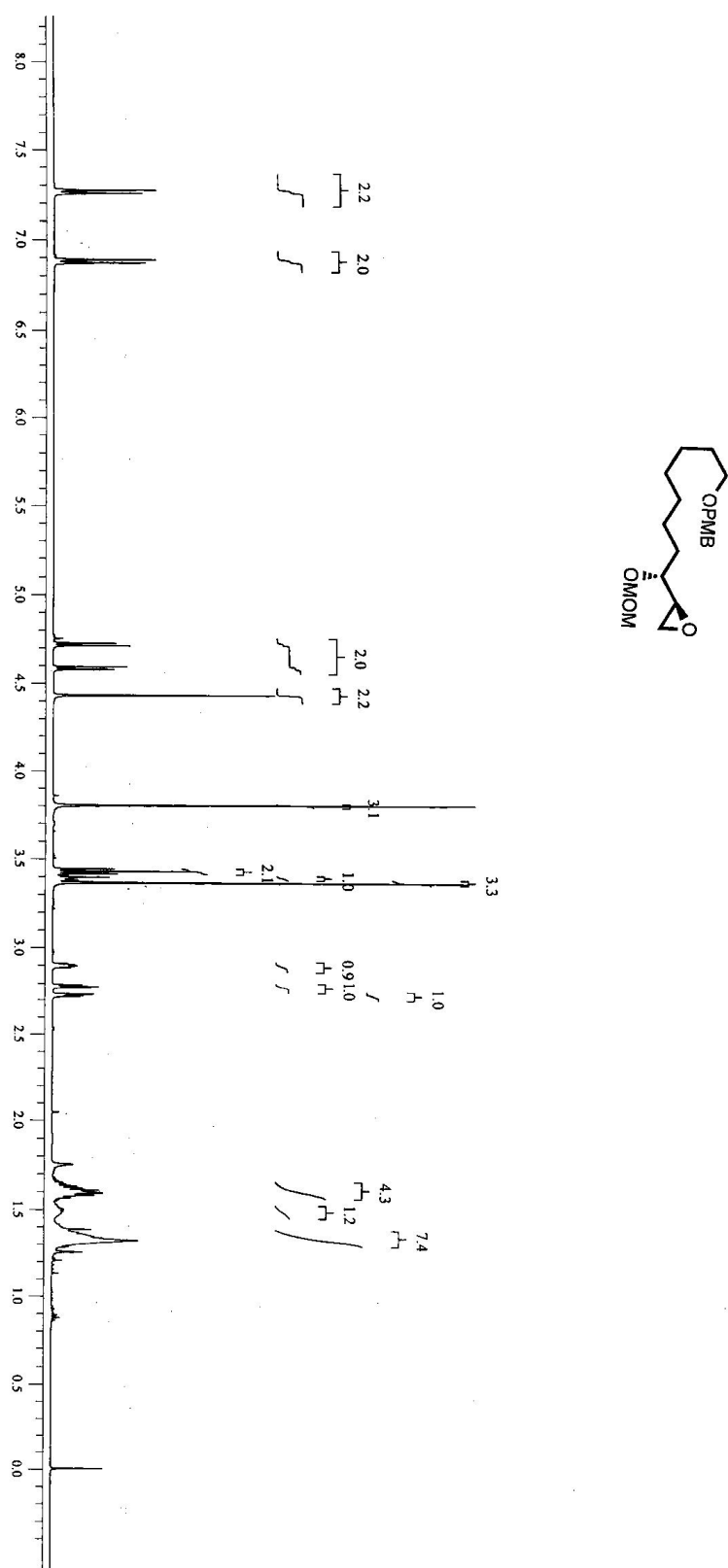
¹³C NMR Spectrum of Compound 12 (CDCl₃, 125 MHz)



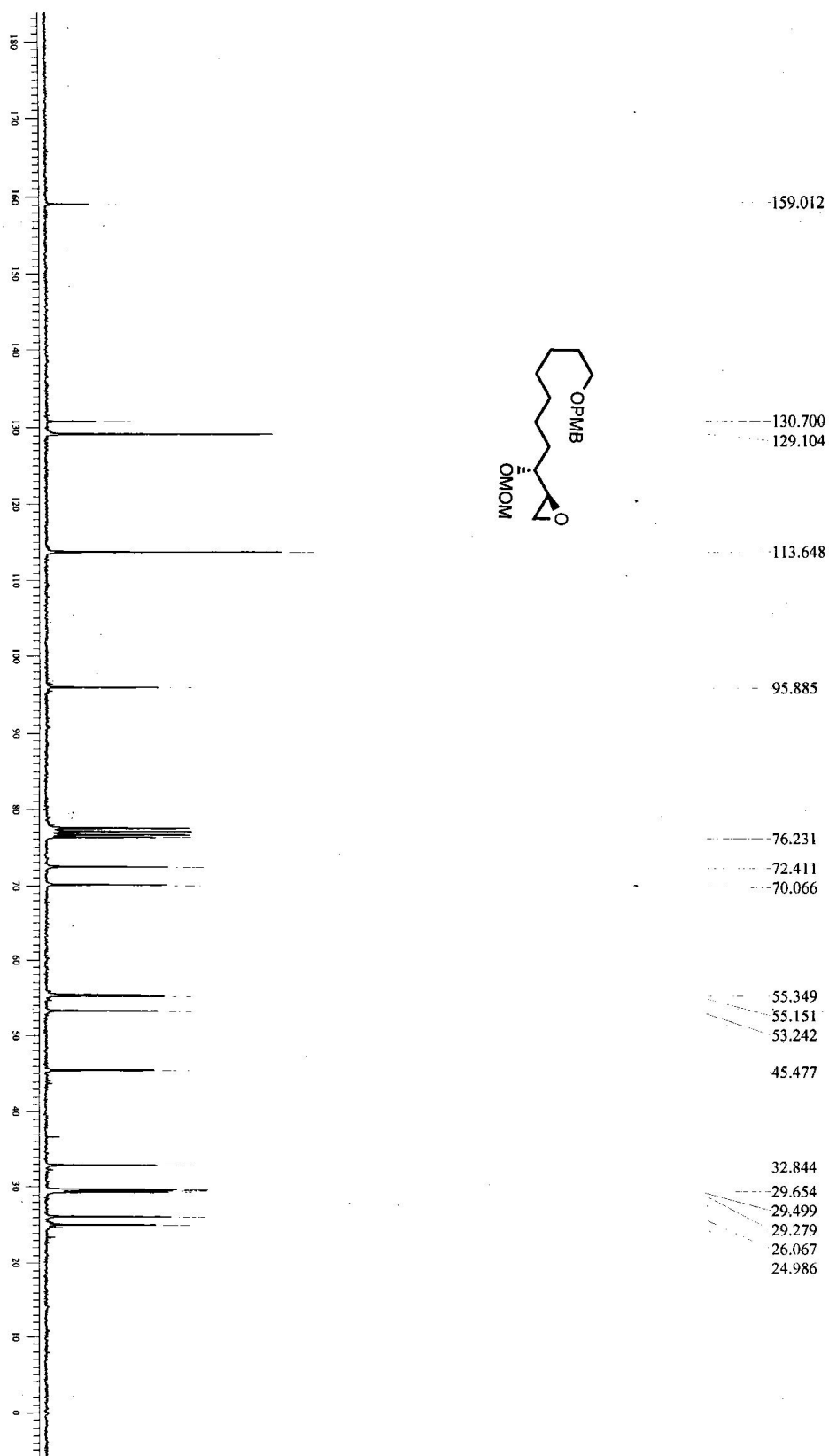
¹H NMR Spectrum of Compound 13 (CDCl₃, 400 MHz)

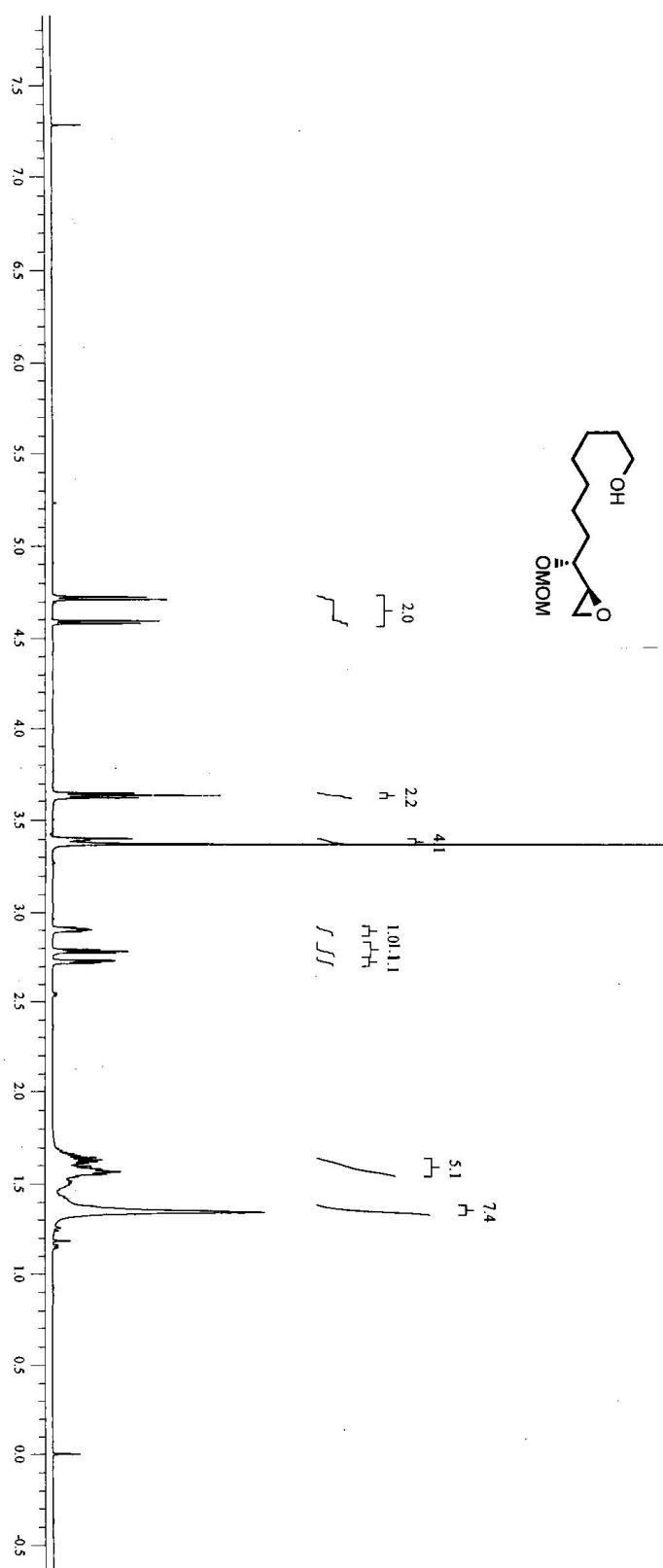


¹³C NMR Spectrum of Compound 13 (CDCl₃, 125 MHz)

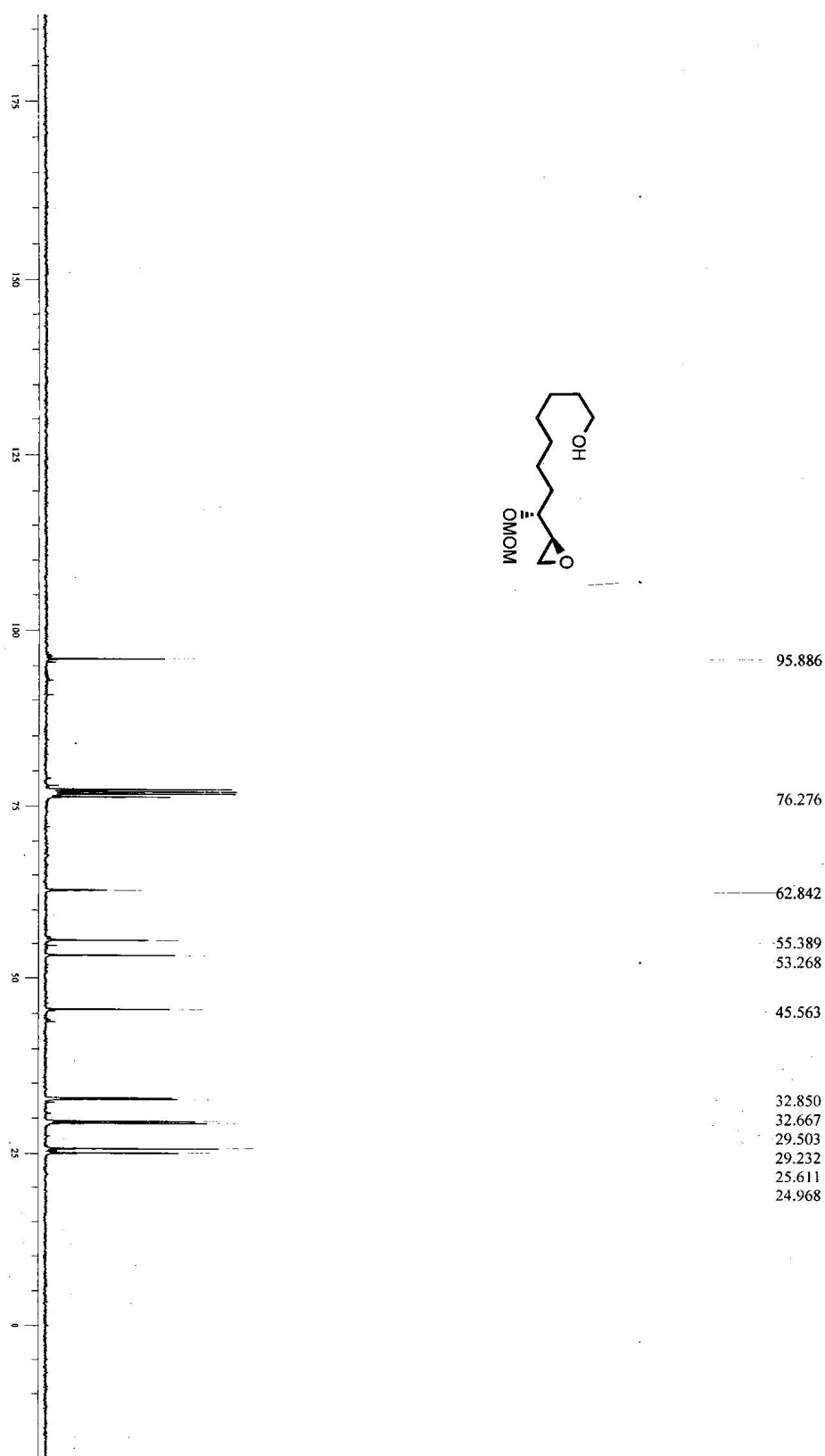


¹H NMR Spectrum of Compound 14 (CDCl₃, 500 MHz)

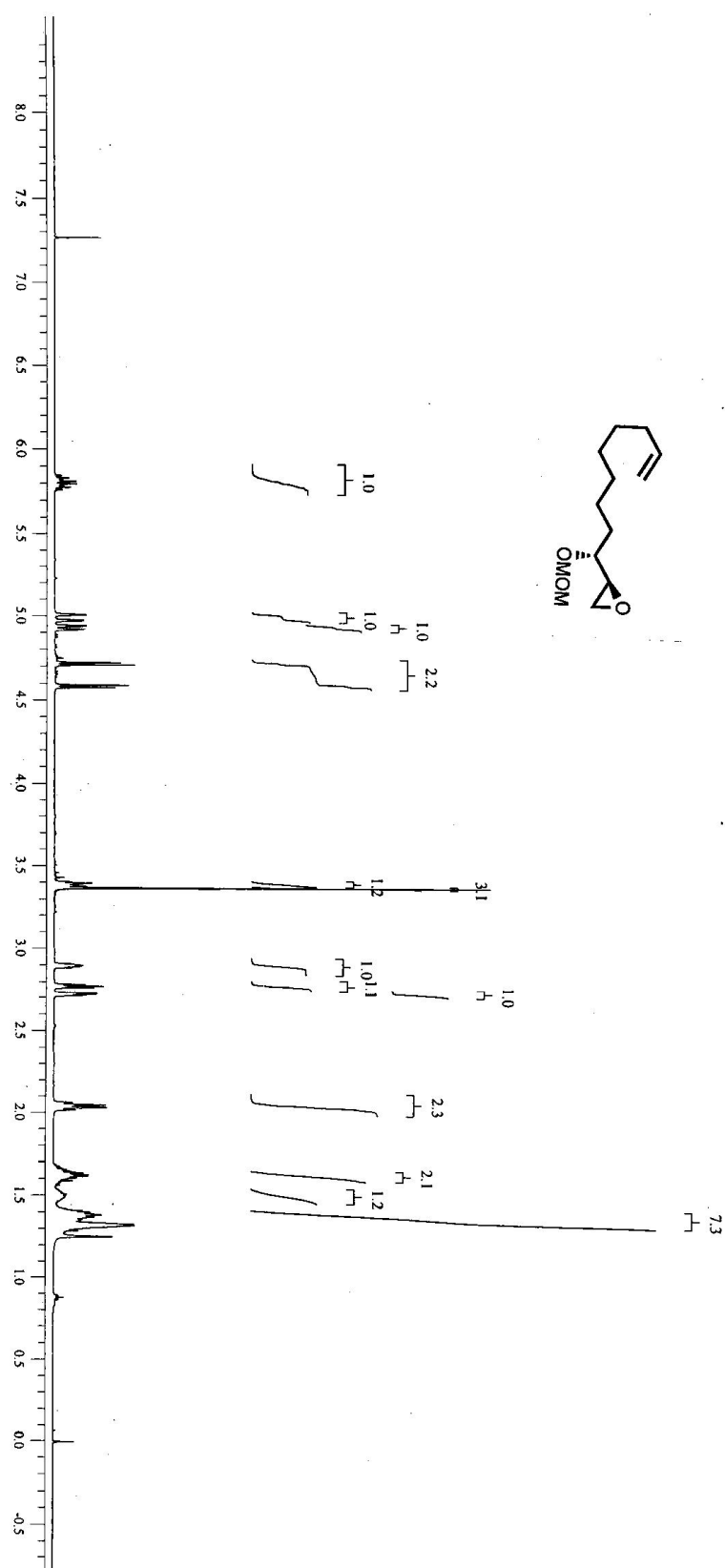




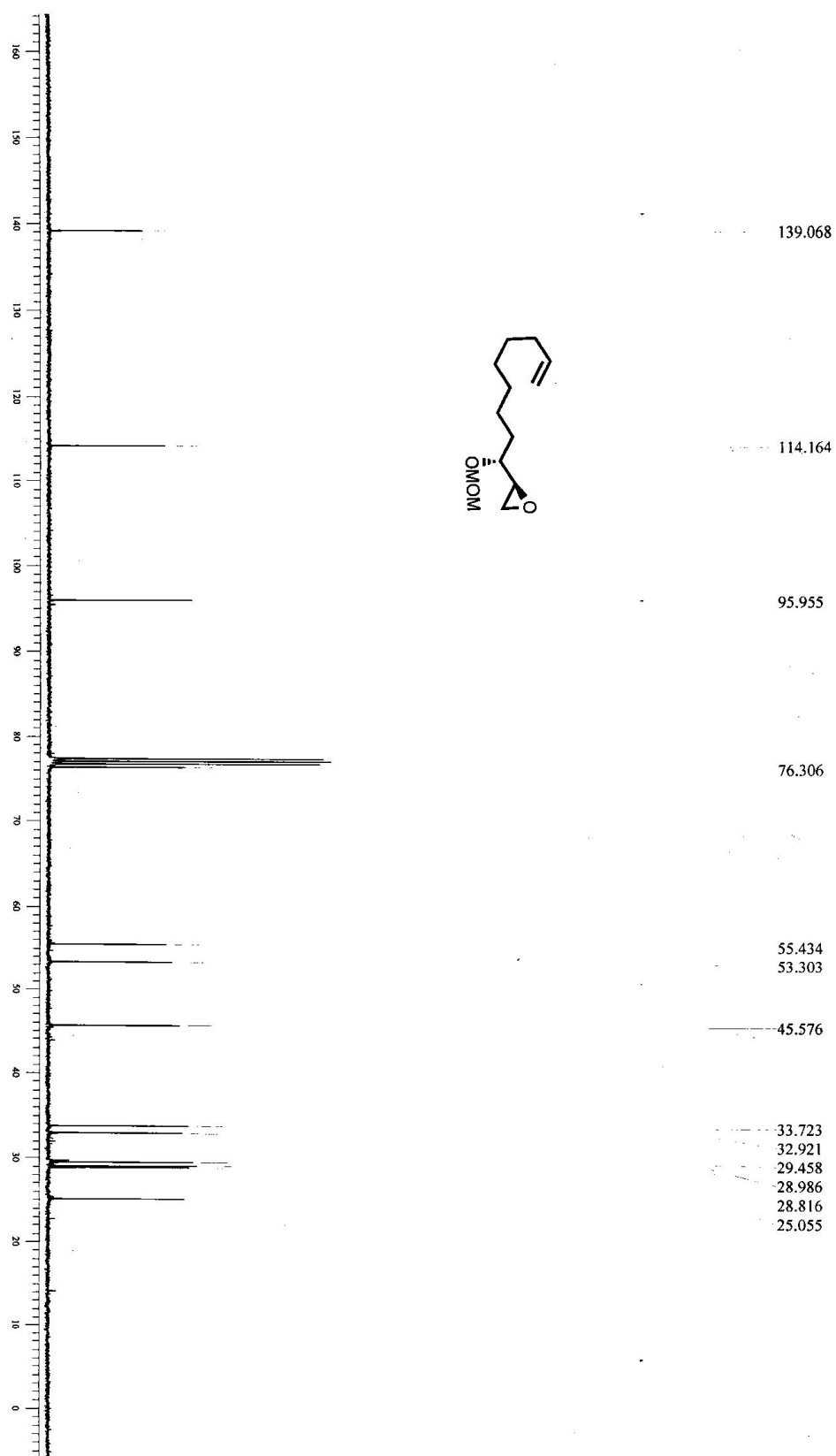
^1H NMR Spectrum of Compound 15 (CDCl_3 , 500 MHz)



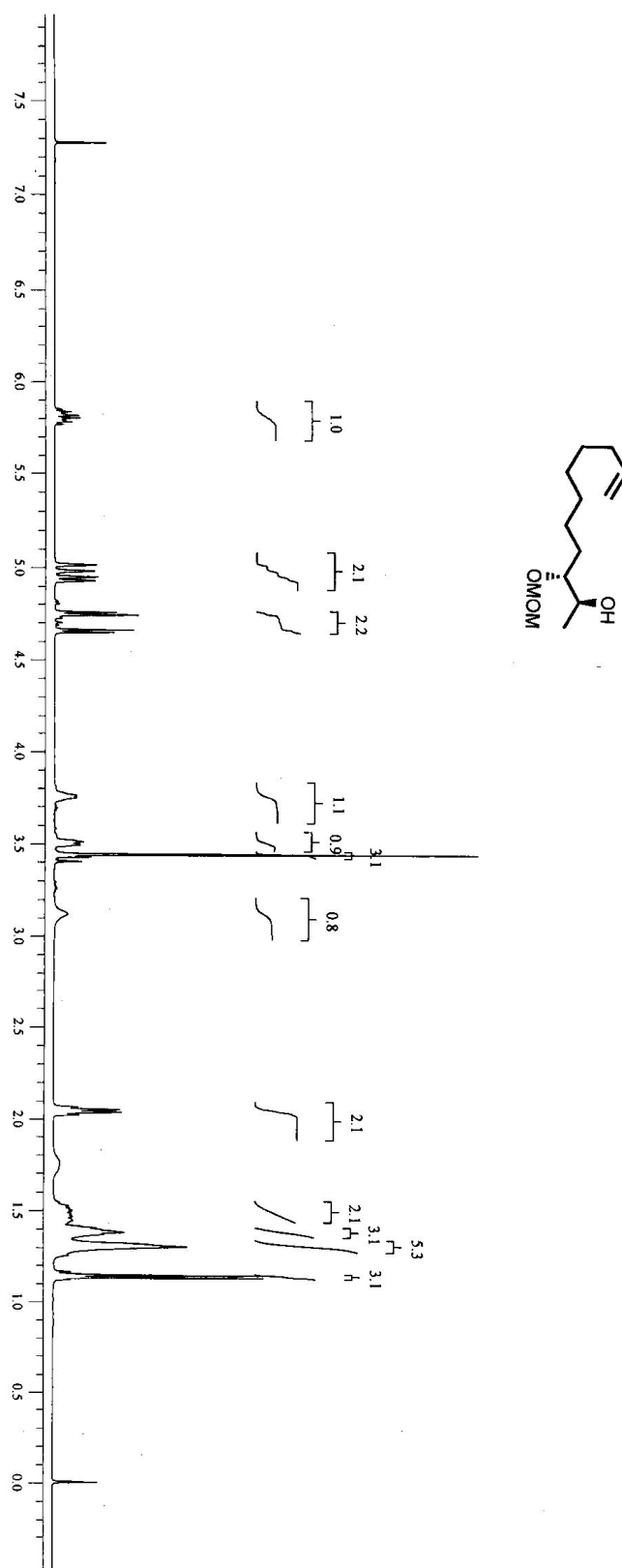
^{13}C NMR Spectrum of Compound 15 (CDCl_3 , 100 MHz)



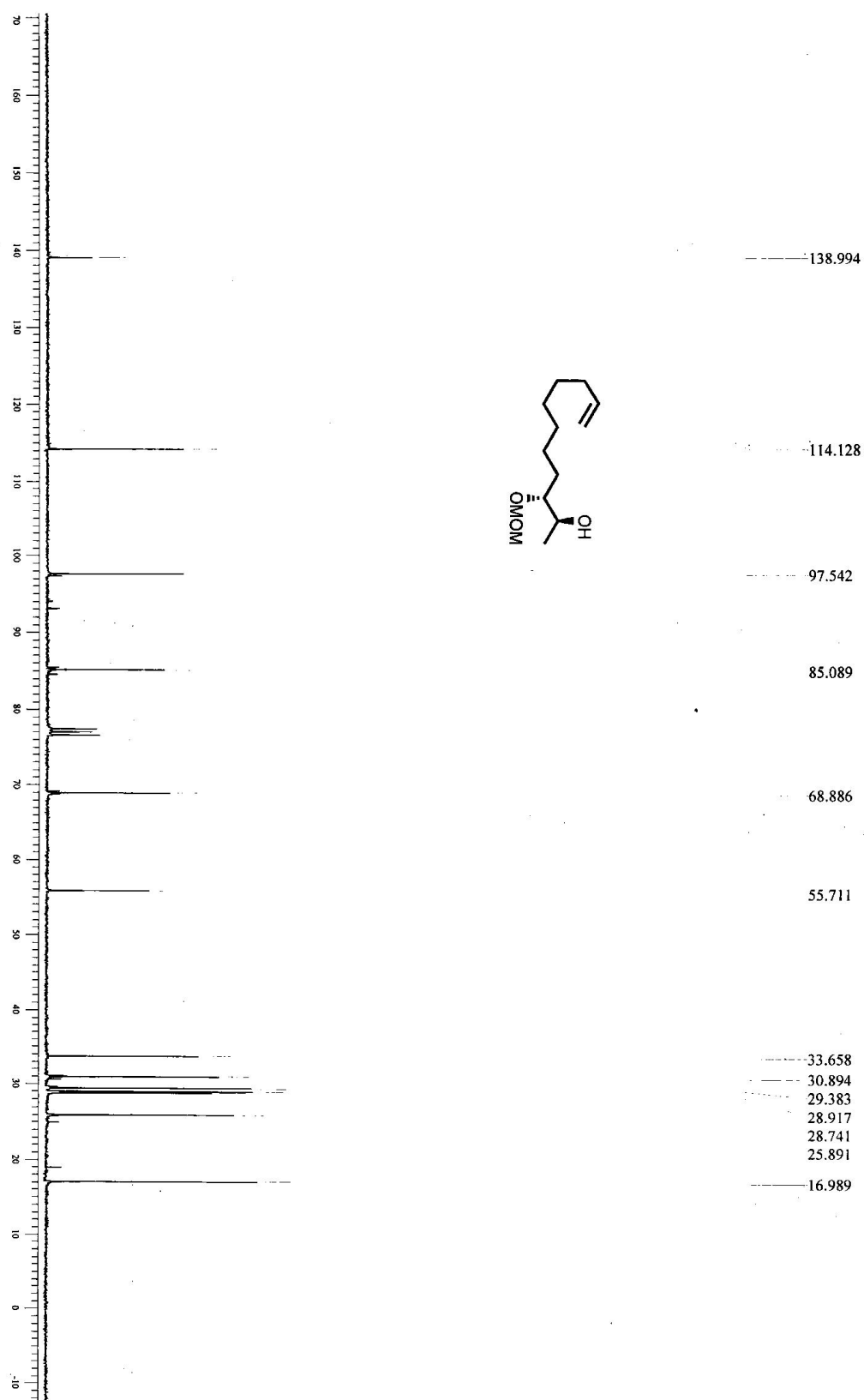
¹H NMR Spectrum of Compound 16 (CDCl₃, 500 MHz)



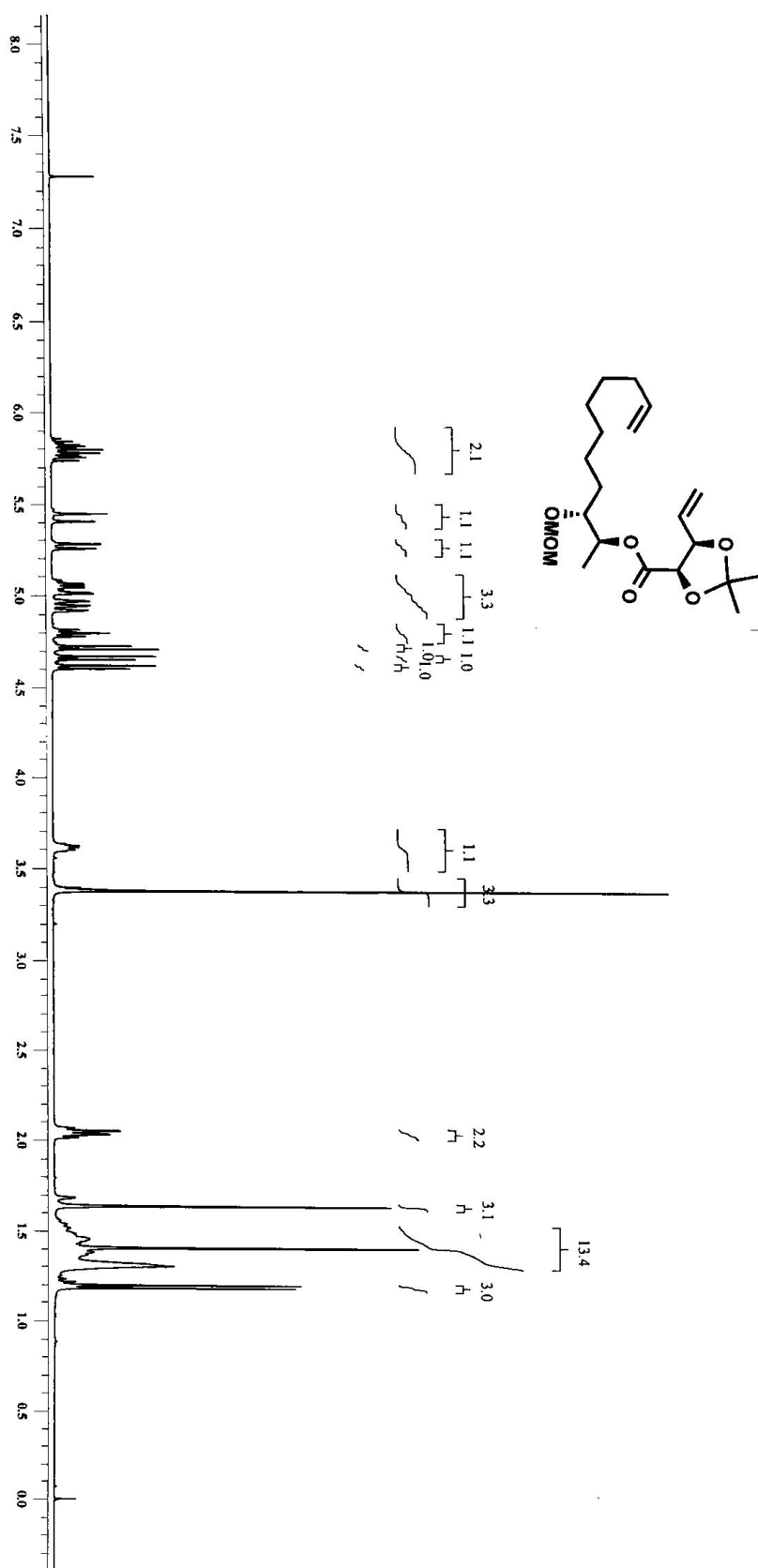
^{13}C NMR Spectrum of Compound 16 (CDCl_3 , 75 MHz)



¹H NMR Spectrum of Compound 6 (CDCl₃, 500 MHz)



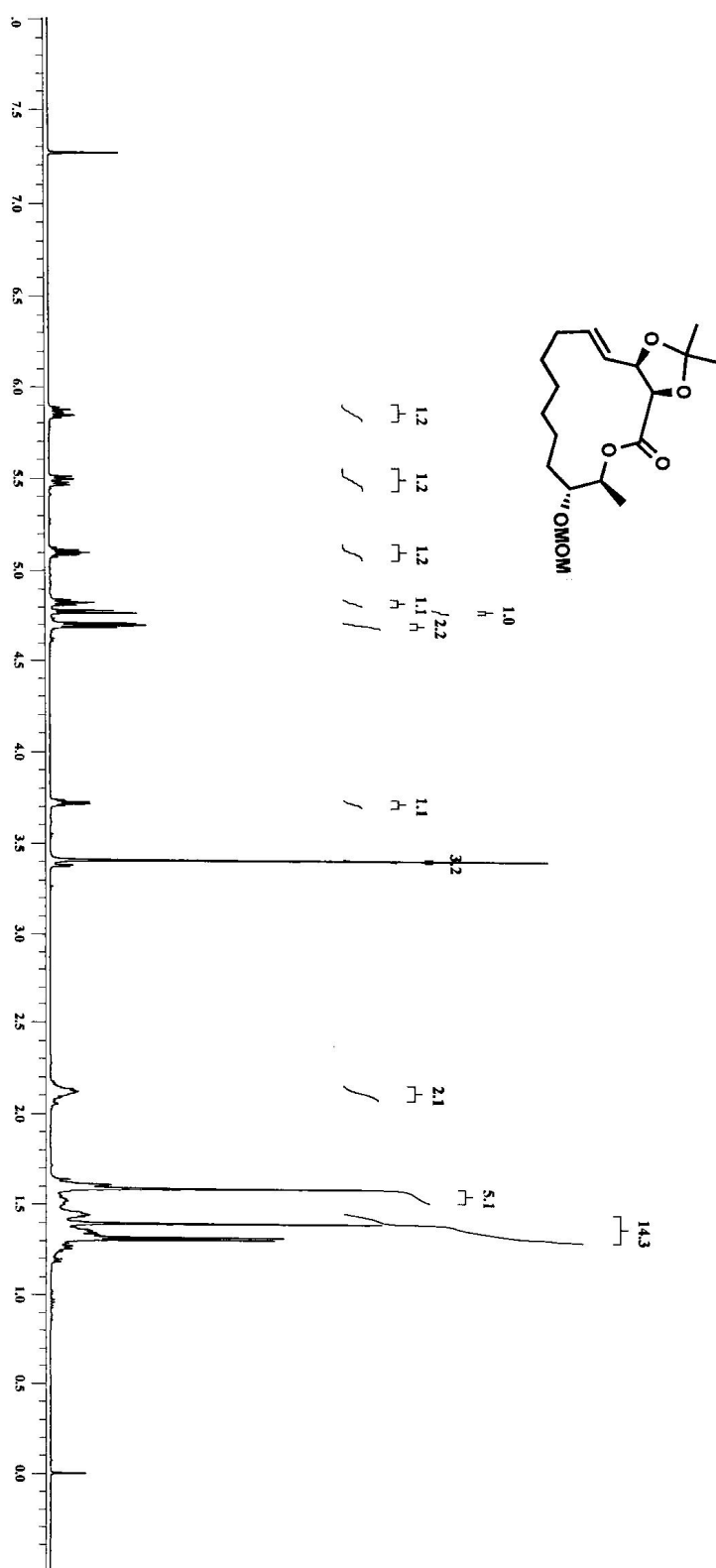
¹³C NMR Spectrum of Compound 6 (CDCl₃, 75 MHz)



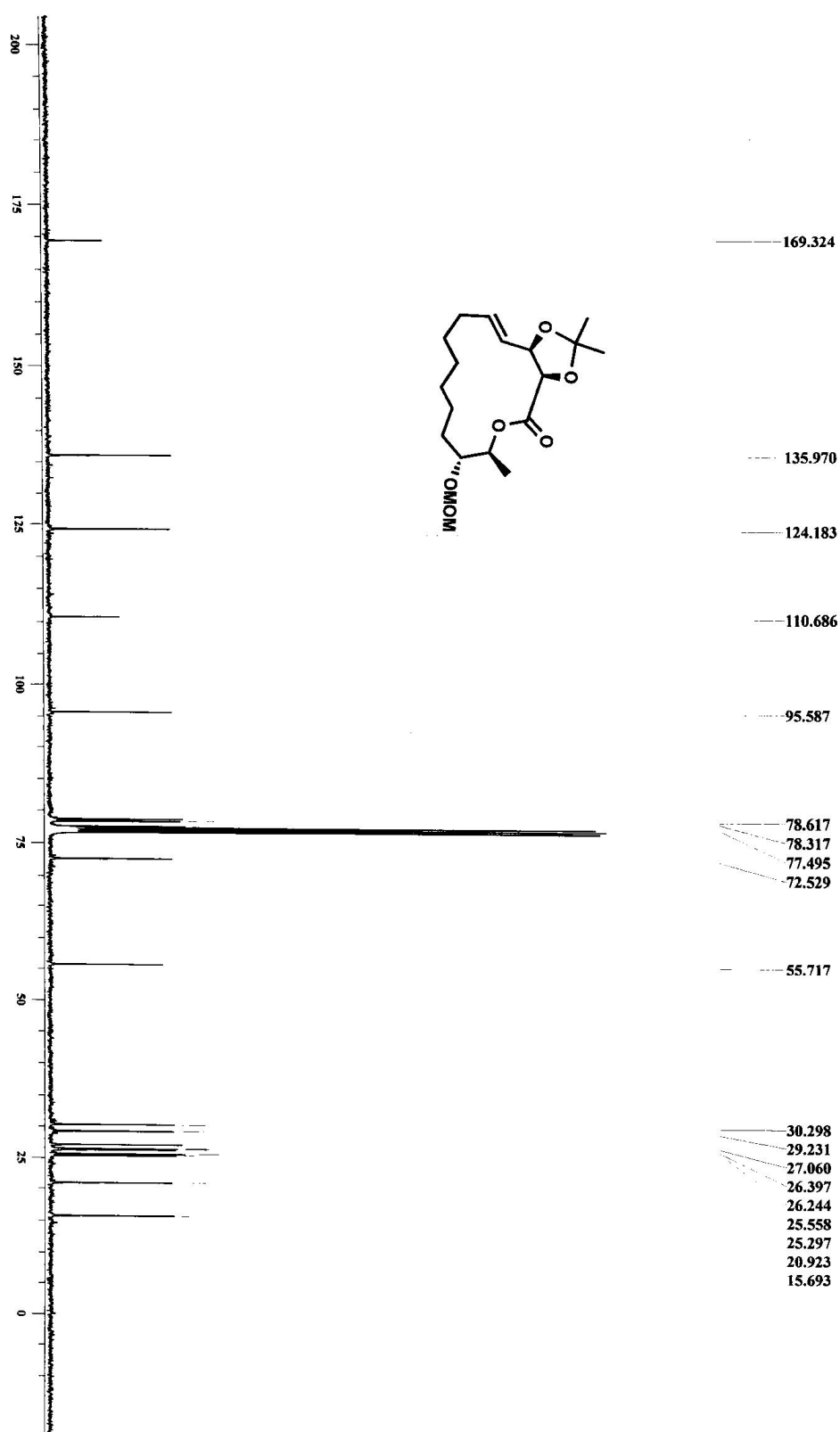
^1H NMR Spectrum of Compound 17 (CDCl_3 , 400 MHz)



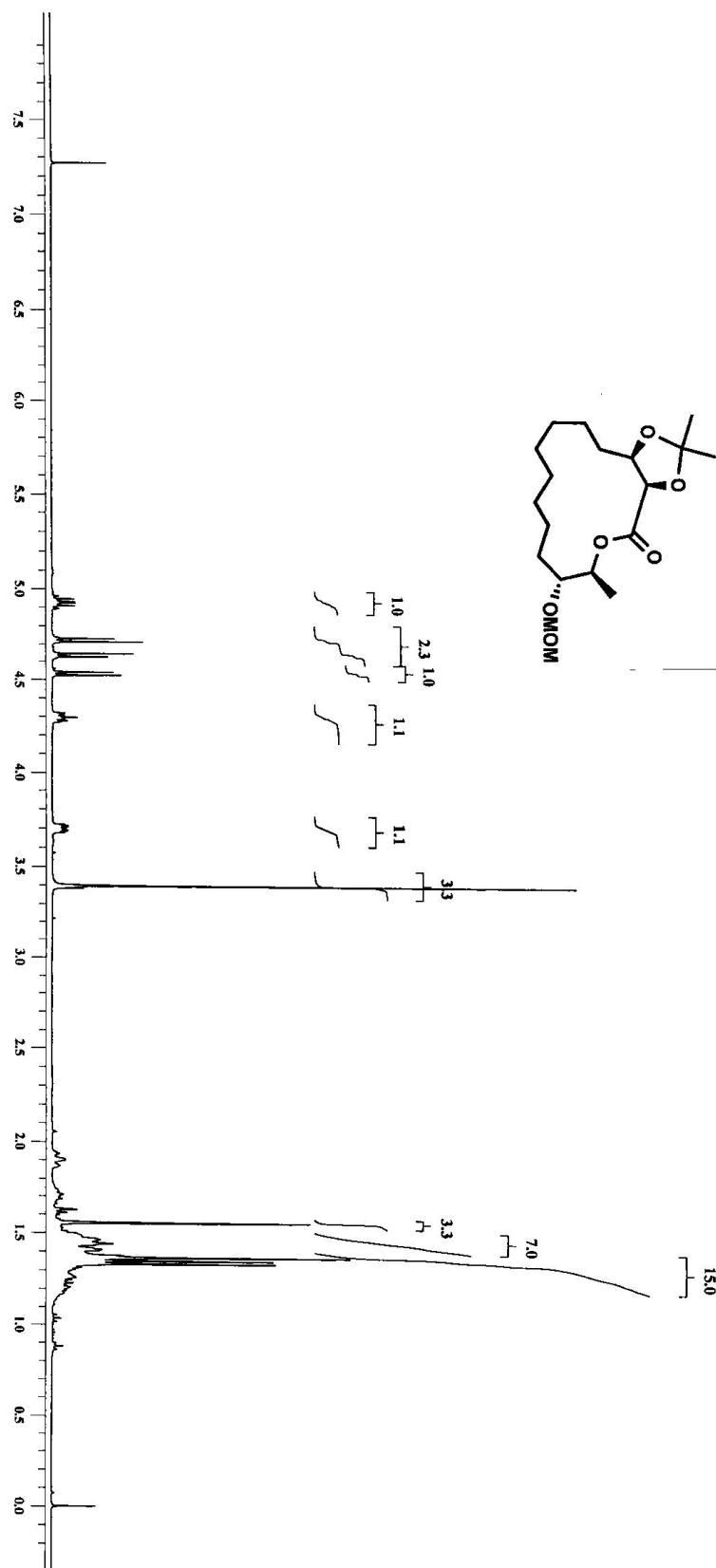
^{13}C NMR Spectrum of Compound 17 (CDCl_3 , 100 MHz)

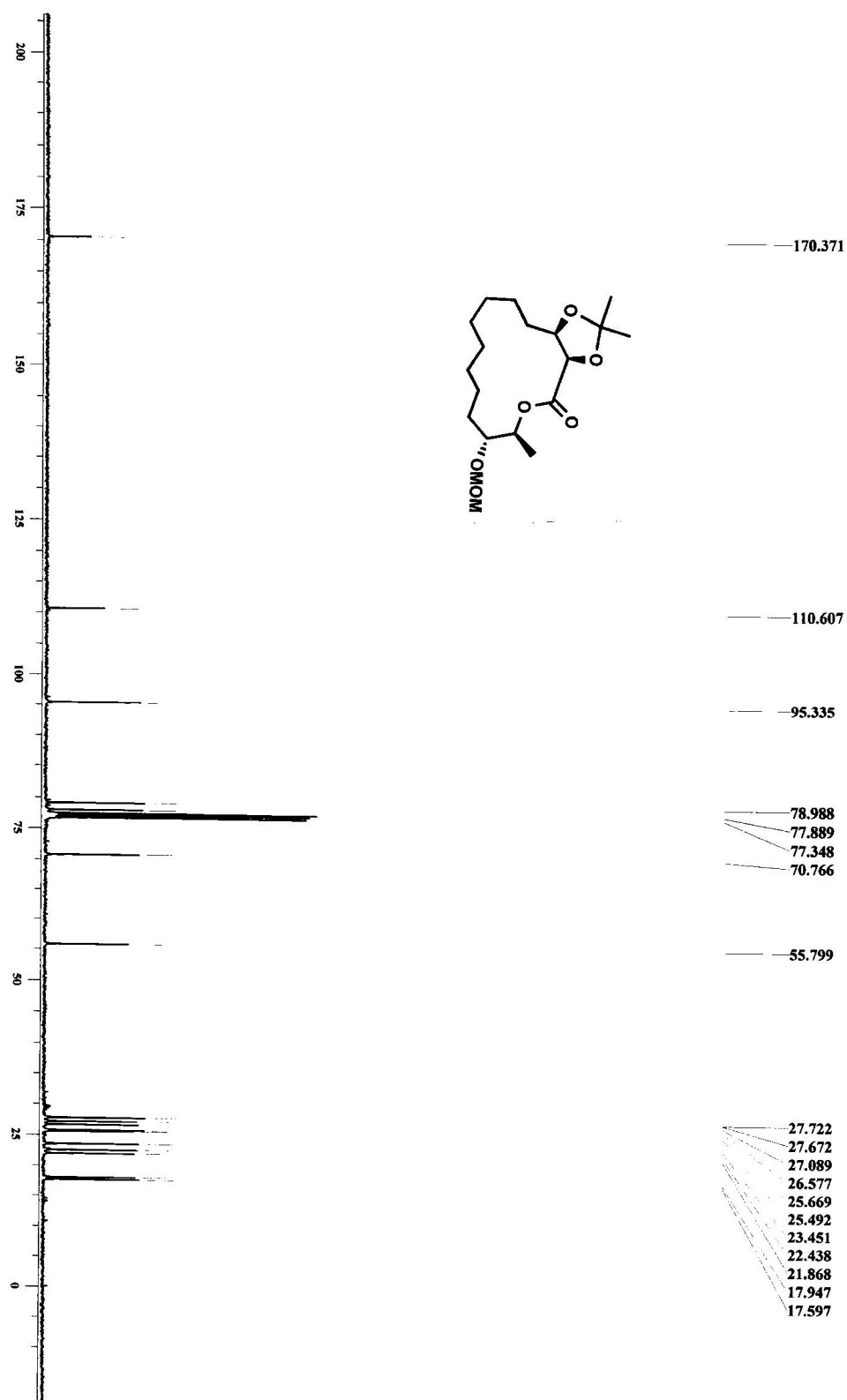


^1H NMR Spectrum of Compound 4 (CDCl_3 , 500 MHz)

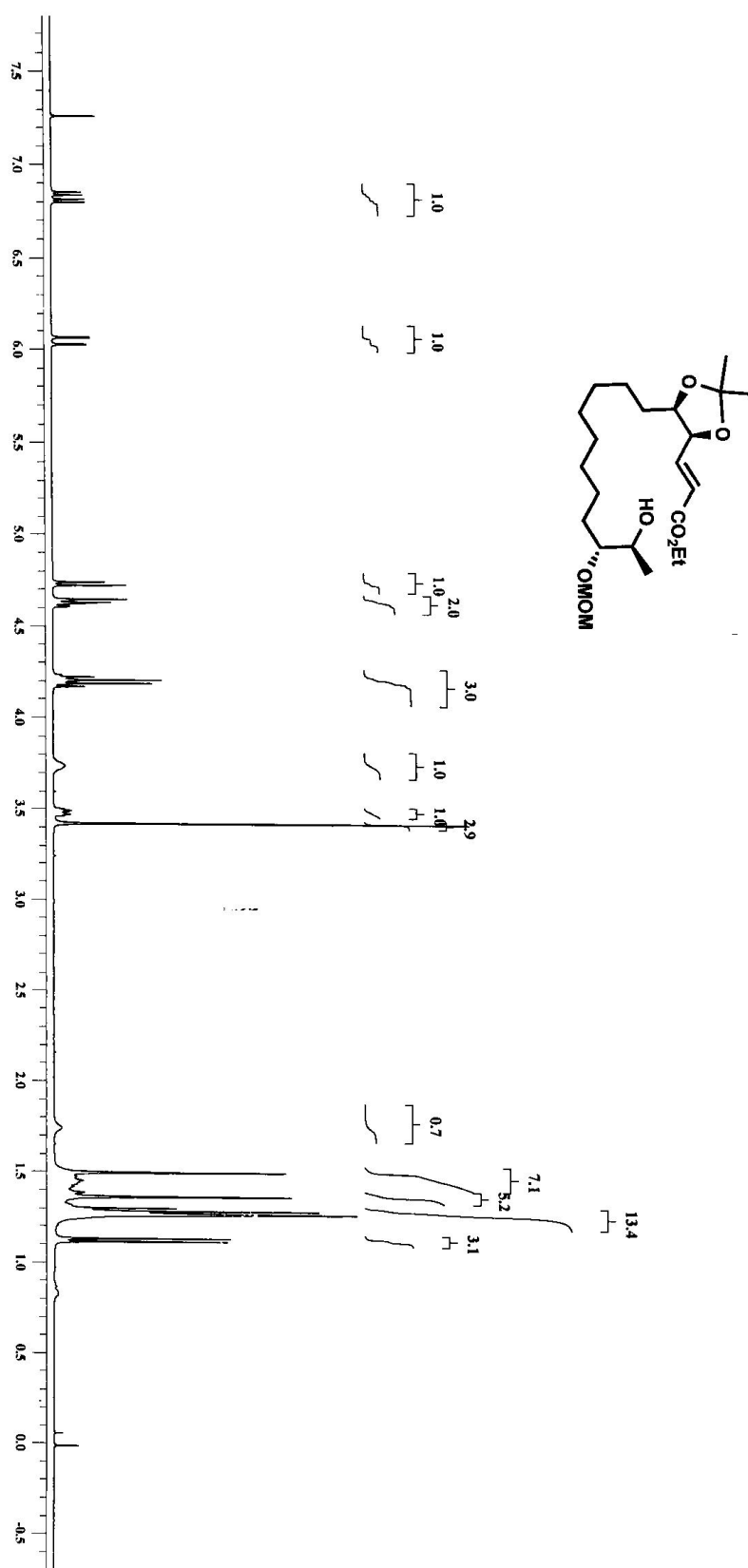


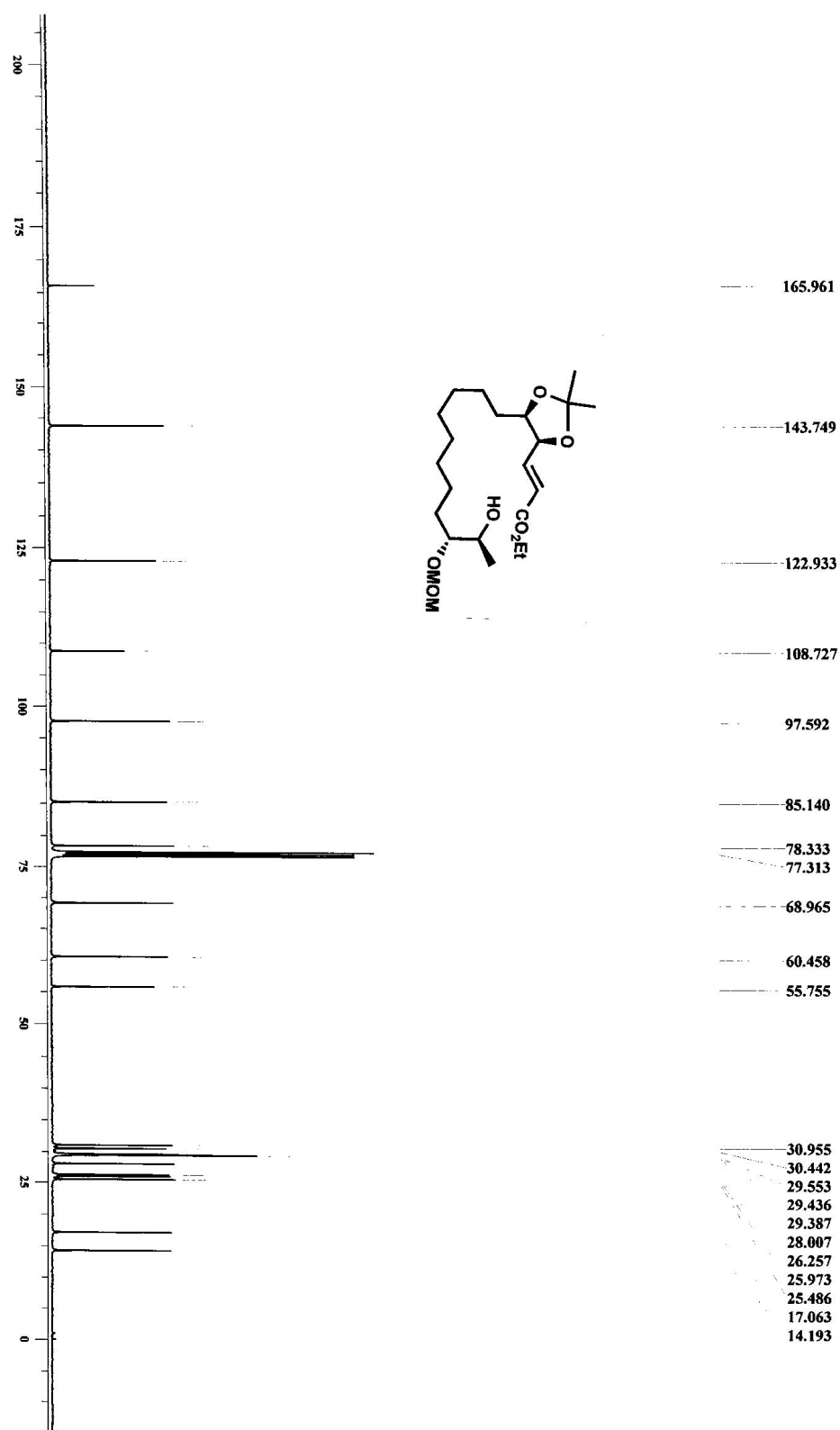
^{13}C NMR Spectrum of Compound 4 (CDCl_3 , 100 MHz)



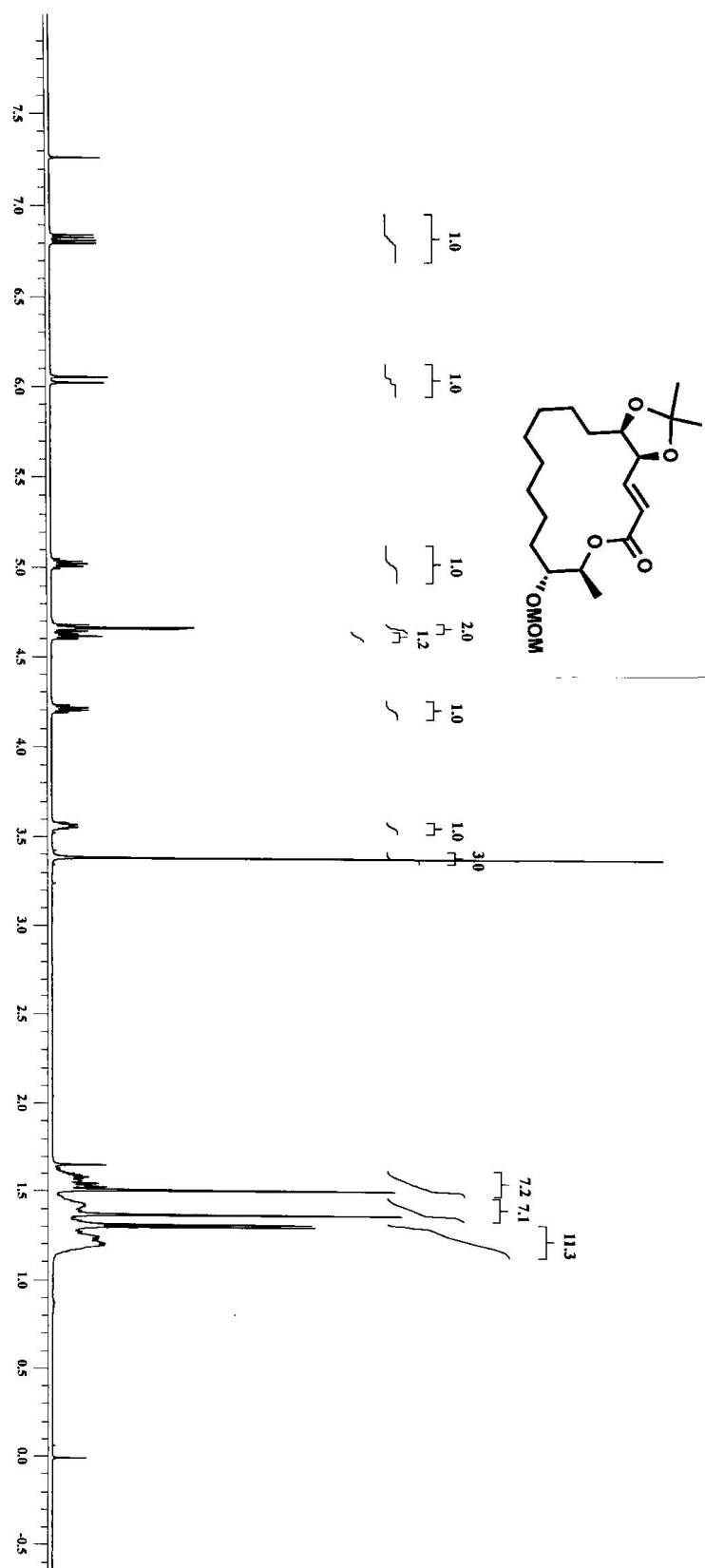


¹³C NMR Spectrum of Compound 18 (CDCl₃, 100 MHz)

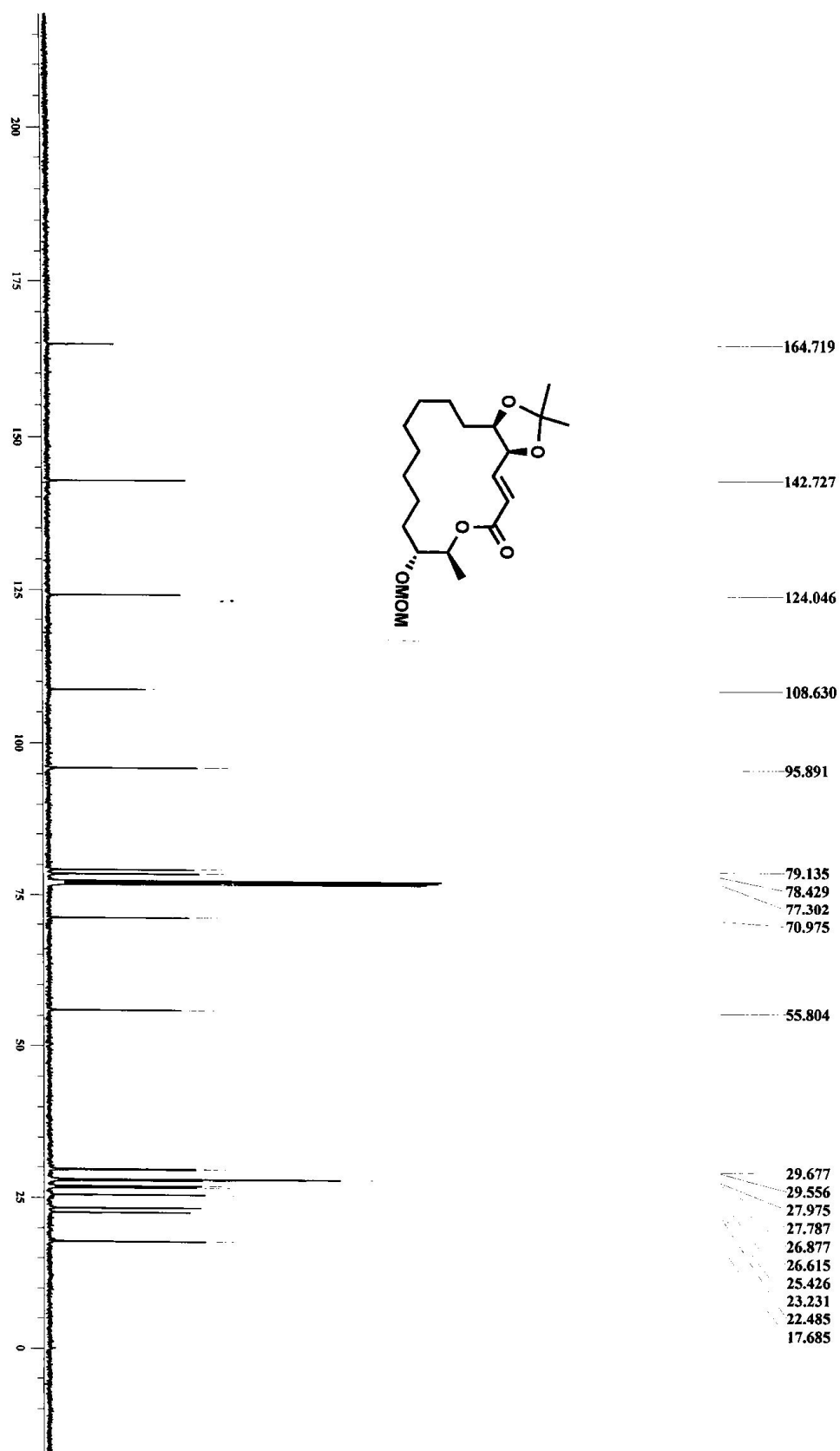
 ^1H NMR Spectrum of Compound 3 (CDCl_3 , 400 MHz)



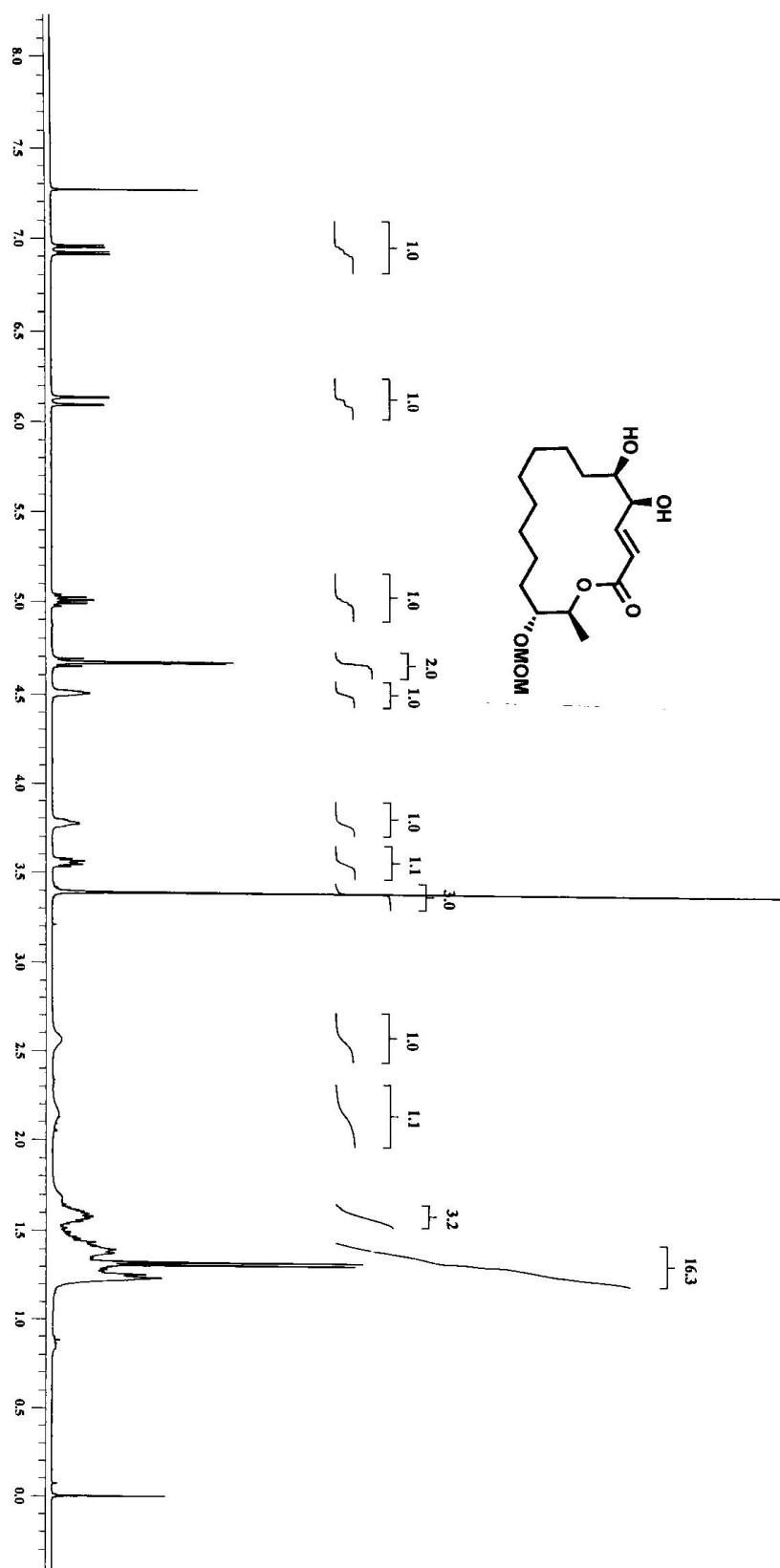
¹³C NMR Spectrum of Compound 3 (CDCl₃, 100 MHz)



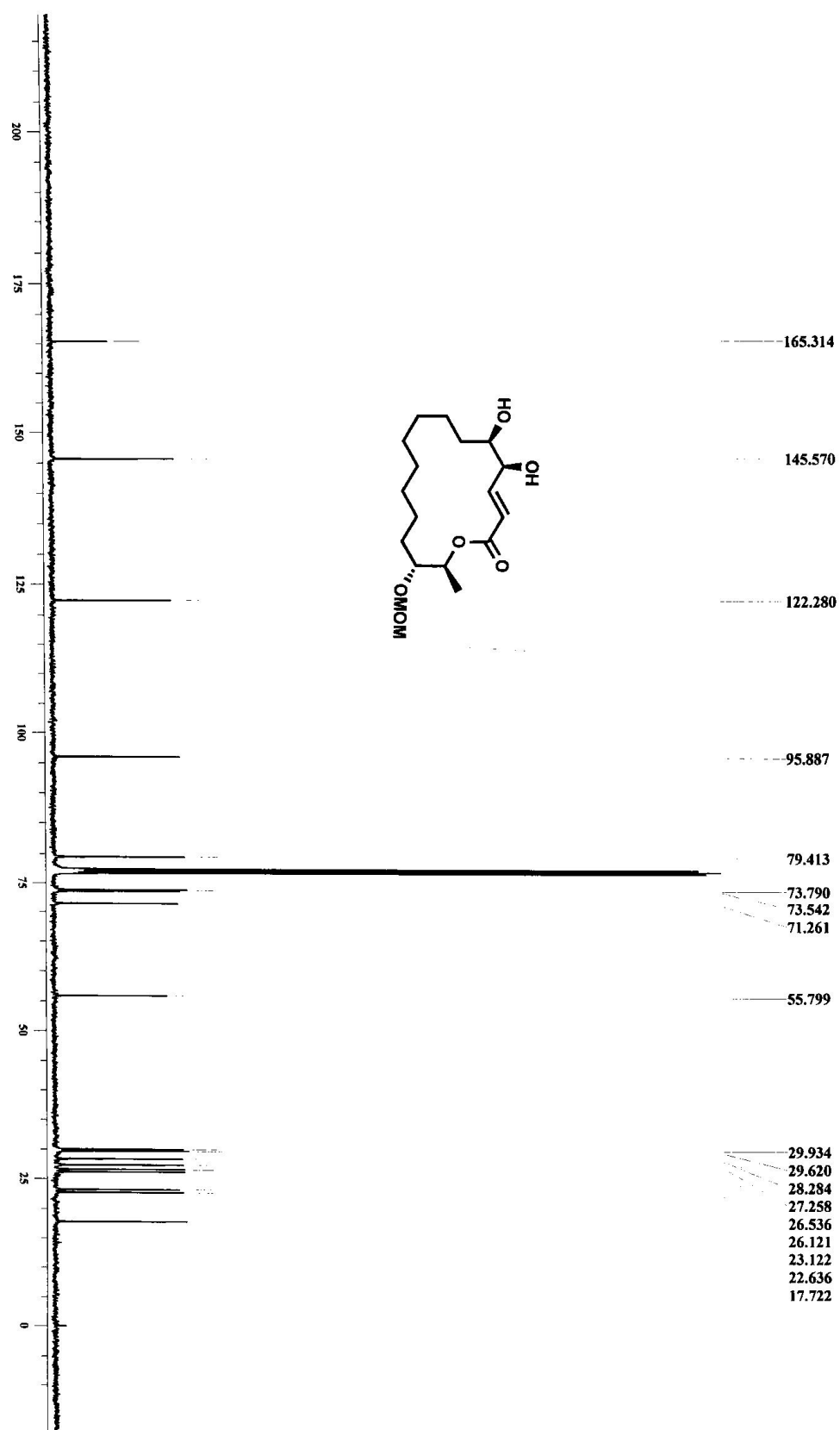
^1H NMR Spectrum of Compound 2 (CDCl_3 , 500 MHz)



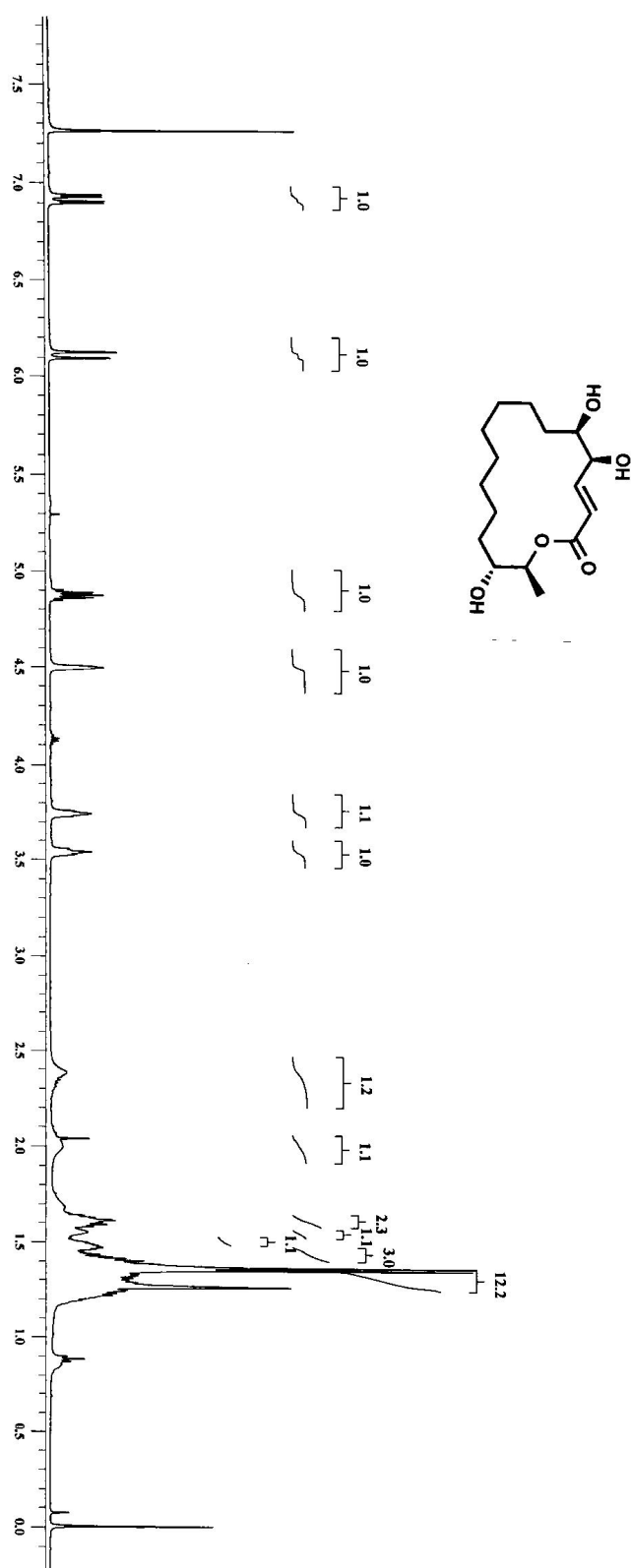
^{13}C NMR Spectrum of Compound 2 (CDCl_3 , 125 MHz)



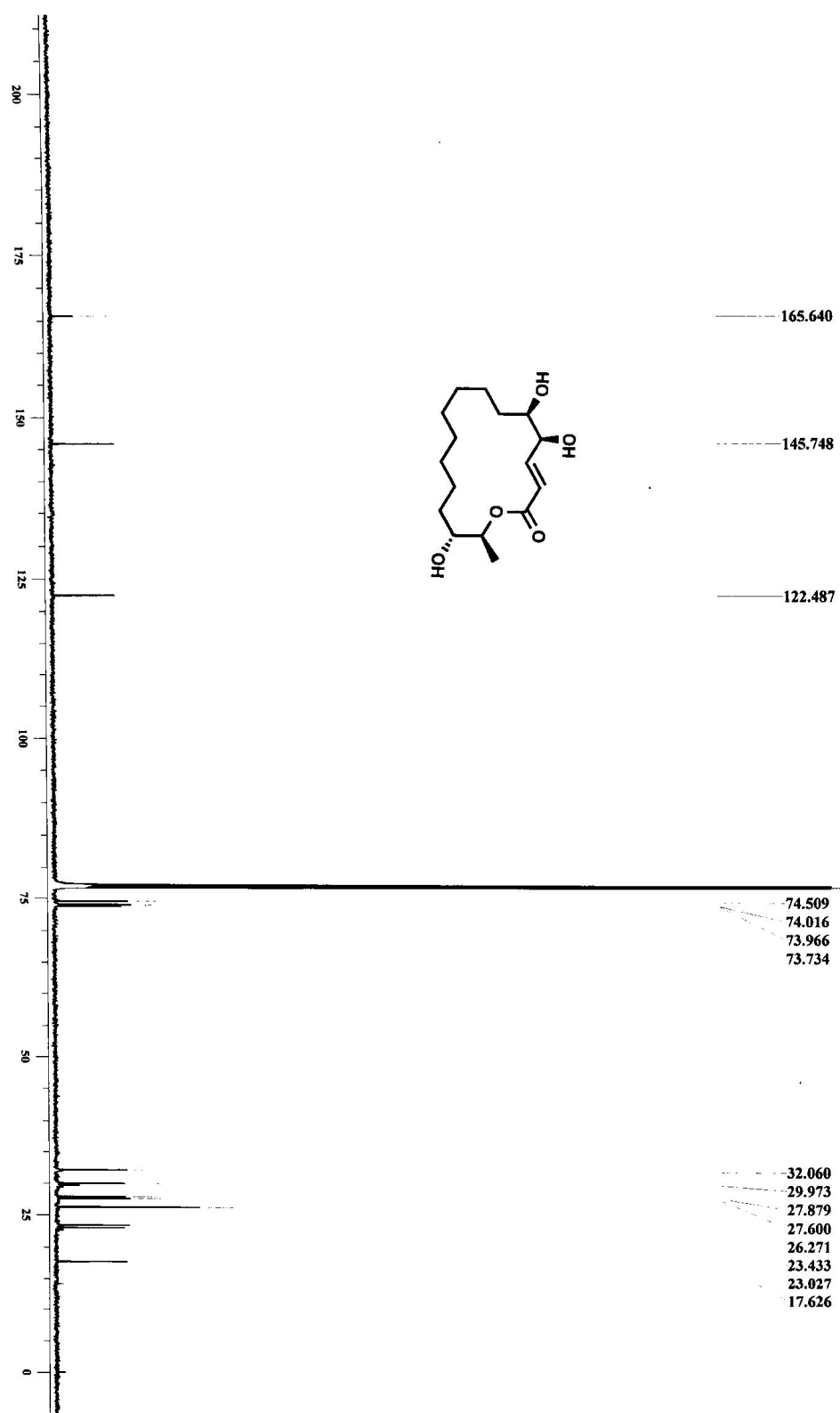
^1H NMR Spectrum of Compound 20 (CDCl_3 , 400 MHz)



¹³C NMR Spectrum of Compound 20 (CDCl₃, 100MHz)



^1H NMR Spectrum of Compound 1 (CDCl_3 , 500 MHz)



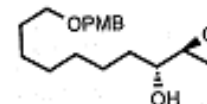
¹³C NMR Spectrum of Compound 1 (CDCl₃, 125 MHz)



LC-MS DATA REPORT (IICT-NPL)

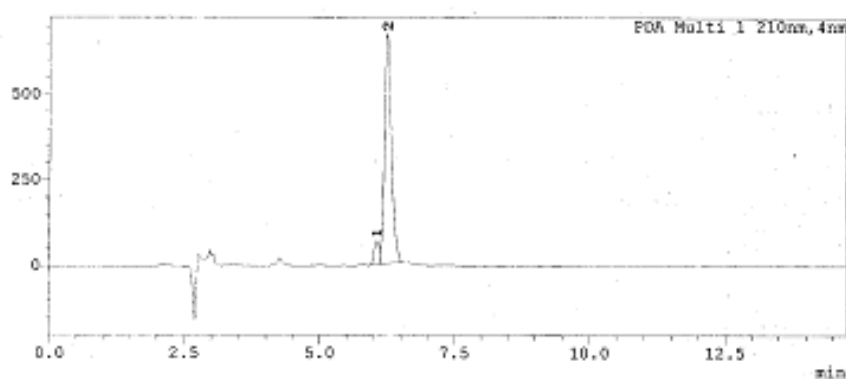
IICT-NP

Sample Code : DKM-EPOXY-308
 Data File : 220416.2.lcd
 Method : LC-MS Lab Method (ESI).lcm
 Injection Volume : 5
 Date Acquired : 4/22/2016 9:54:18 AM
 Report File : LC-MS Data Report.lsr
 Chromatographic Conditions : Column : Luna C8 (250 X 4.6mm, 2.6u)
 Mobile Phase: 65% ACN in 0.1% FA
 Flow Rate : 1.0 mL/min



mAU

Chromatogram



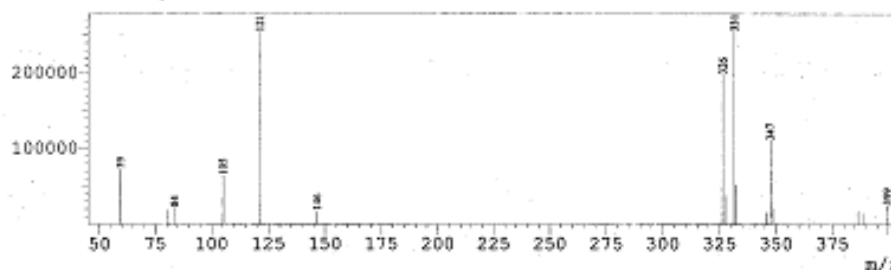
PDA Ch1 210nm

Peak Table

Peak#	Ret. Time	Peak Start	Peak End	Area	Area%
1	6.057	5.909	6.112	441144	7.046
2	6.248	6.112	6.539	5819333	92.954
Total				6260477	100.000

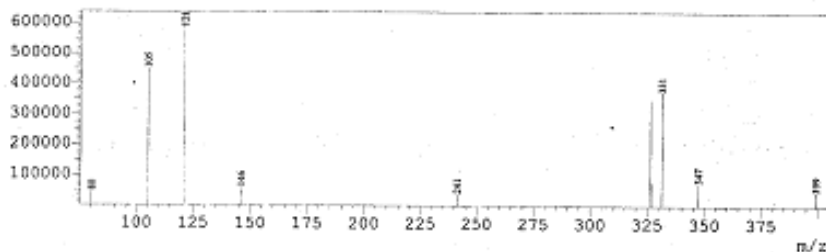
Q1 Scan Positive+

\$If\$(SpPrTab==SpPrTab)Spectrum Mode:Averaged 5.938-6.193(2376-2478)
 BG Mode:Averaged 0.018-5.758(8-2304)



Q1 Scan Positive+

\$If\$(SpPrTab==SpPrTab)Spectrum Mode:Averaged 6.253-6.450(2502-2581)
 BG Mode:Averaged 0.748-6.193(300-2478)



IICT-NPL

LC-MS REPORT

HPLC Chromatogram of Compound 13