

Synthetic study toward the core structure of (–)-apicularen A

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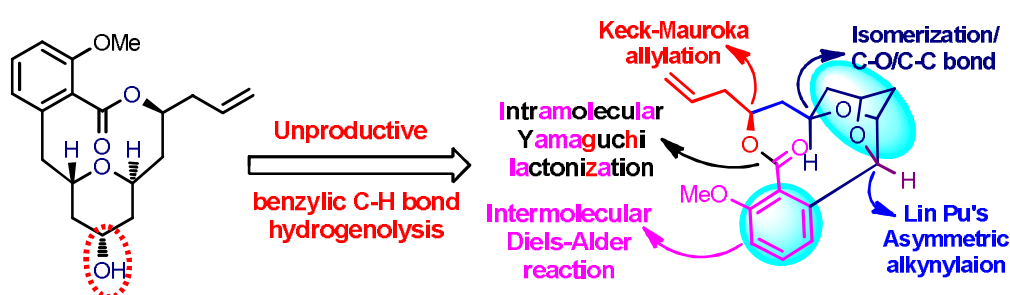
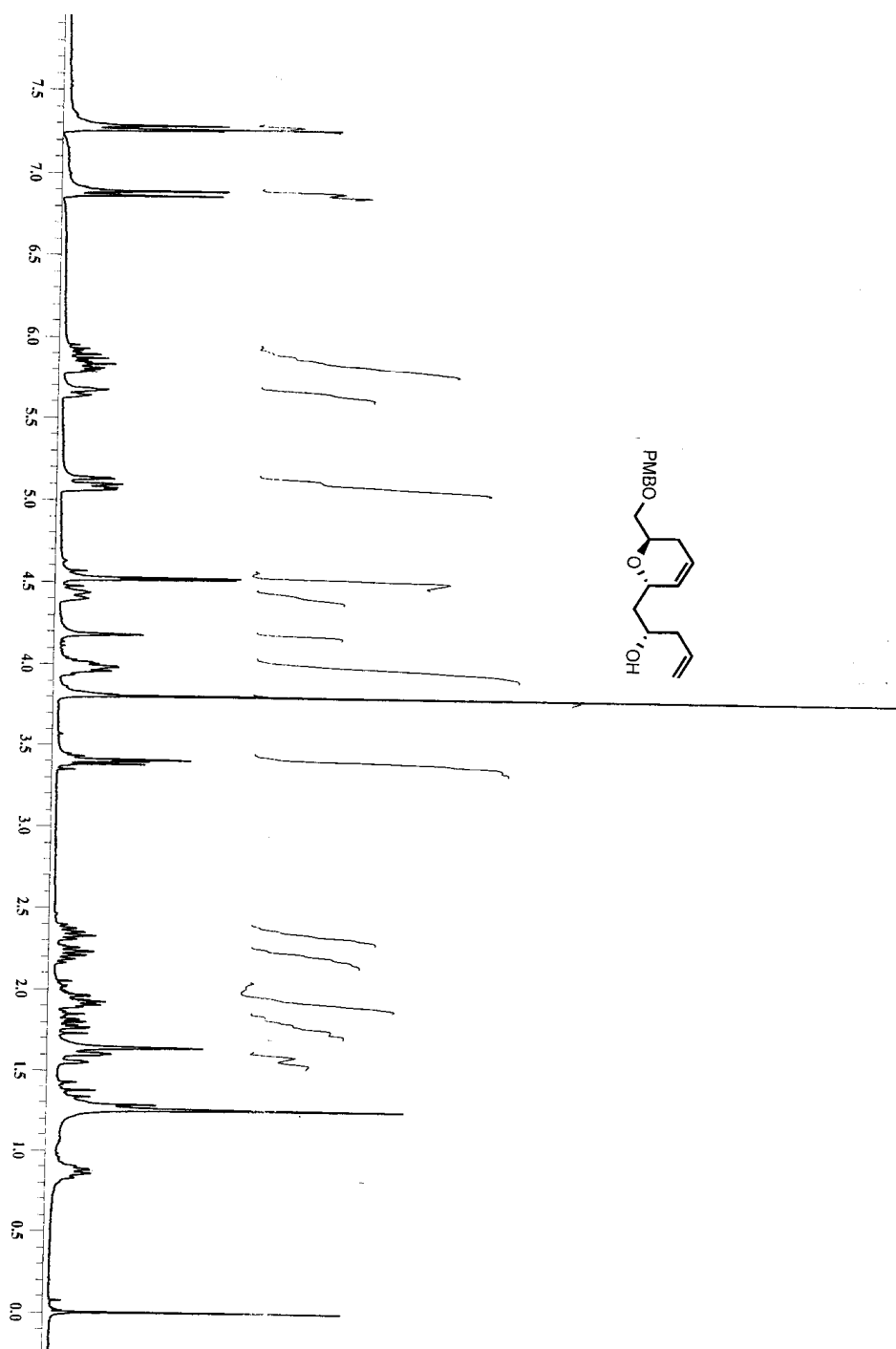
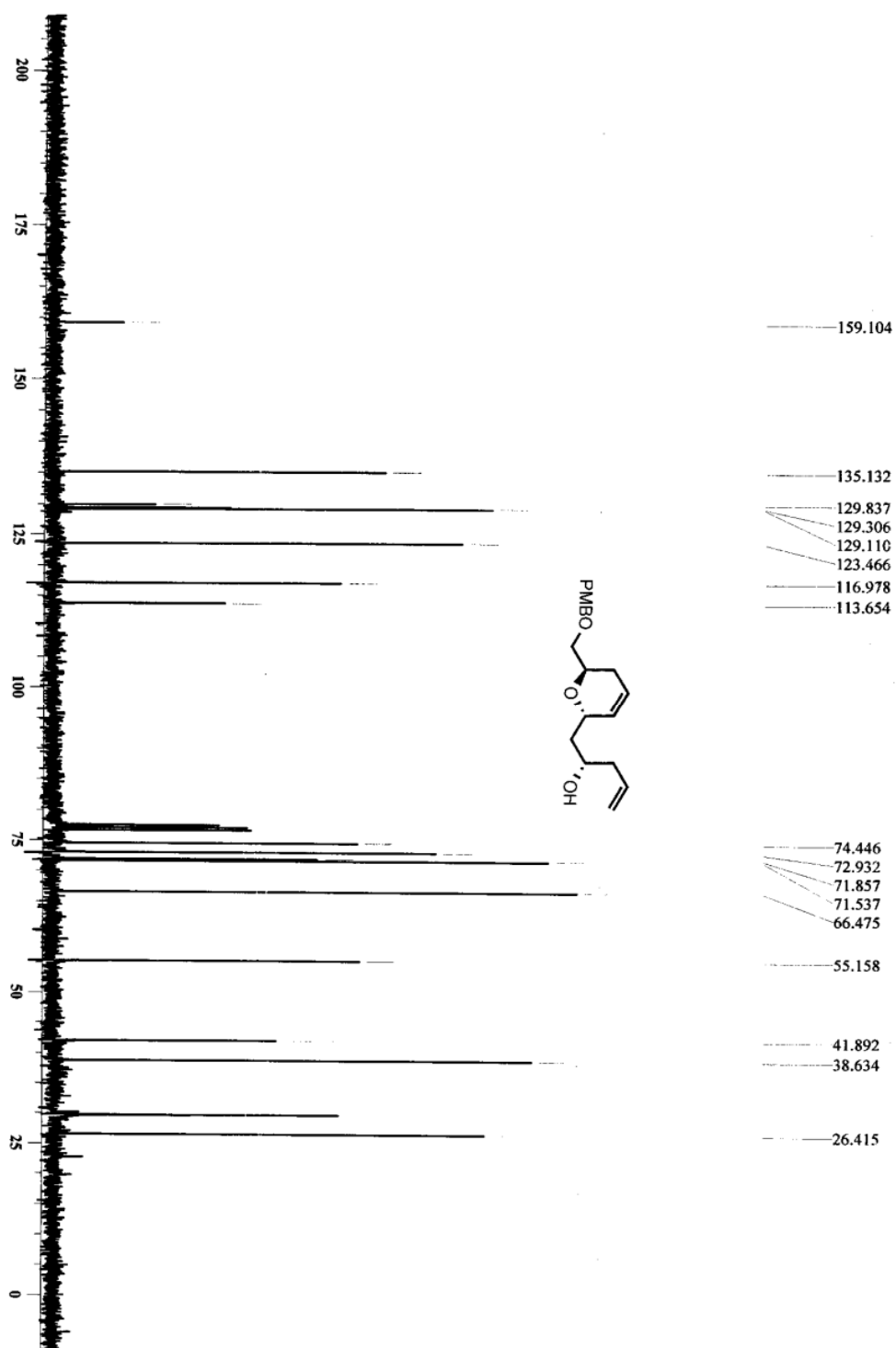


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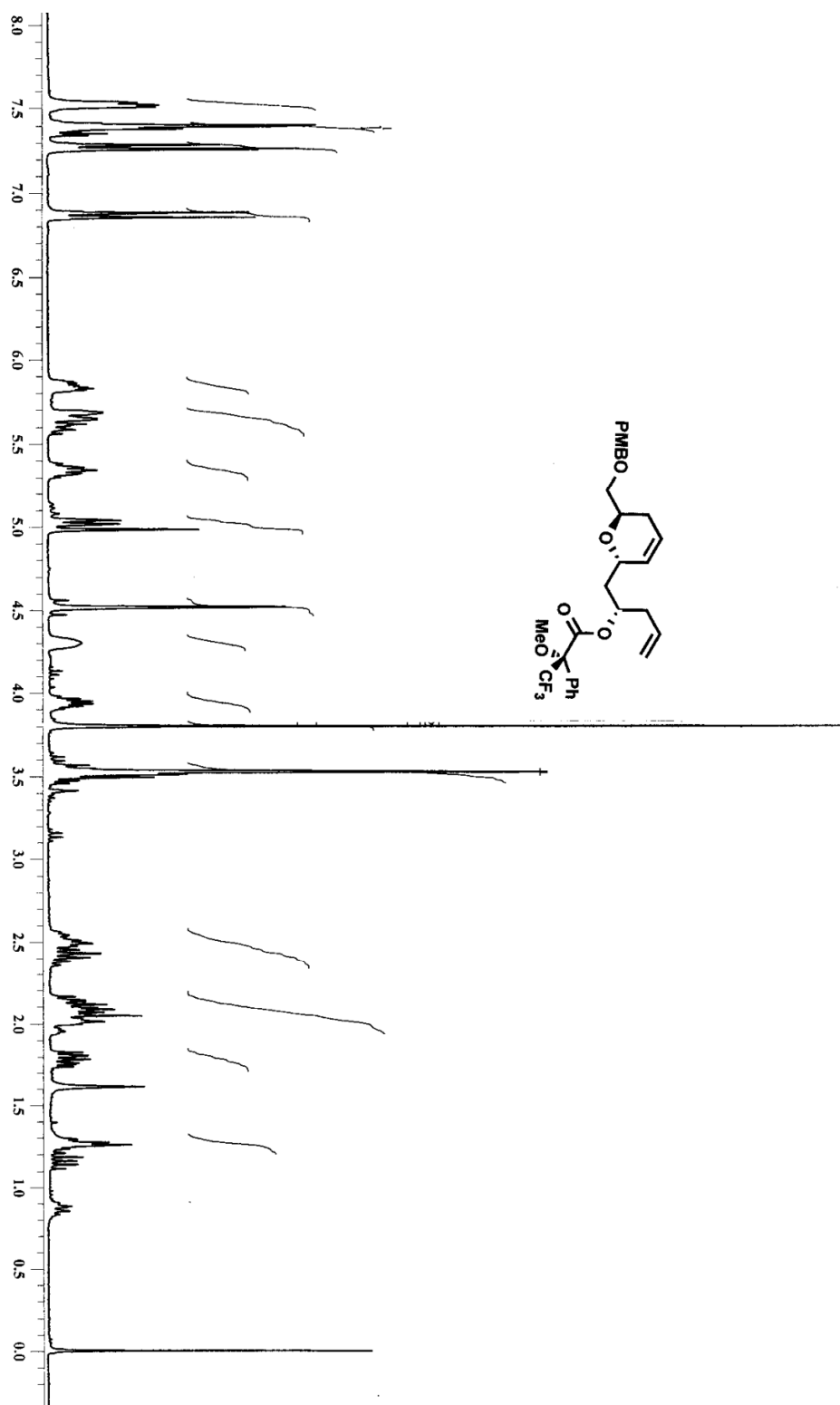
(1) Copies of NMR Spectra.....	S02-S25
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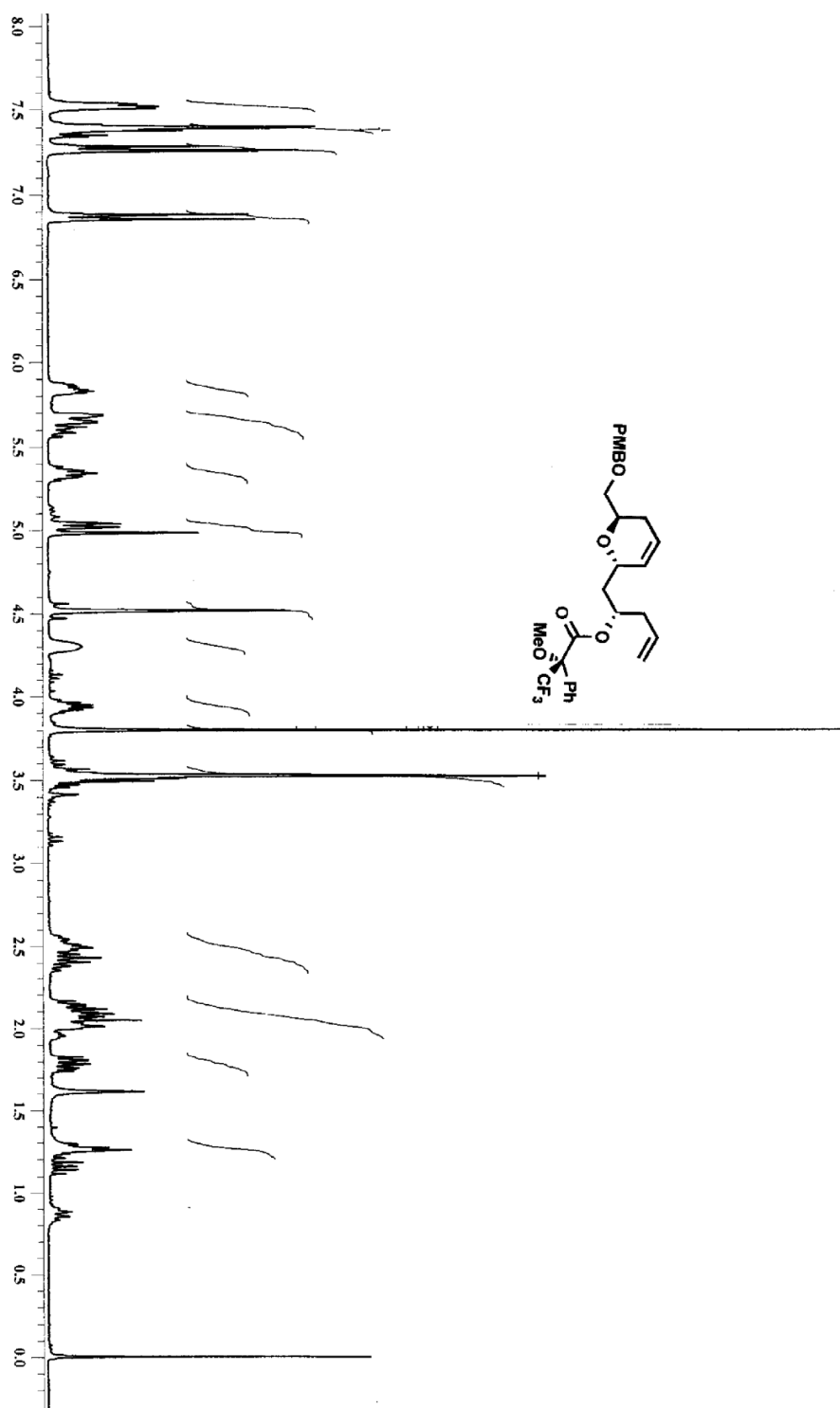
^1H NMR Spectrum of Compound 11(CDCl_3 , 300 MHz)



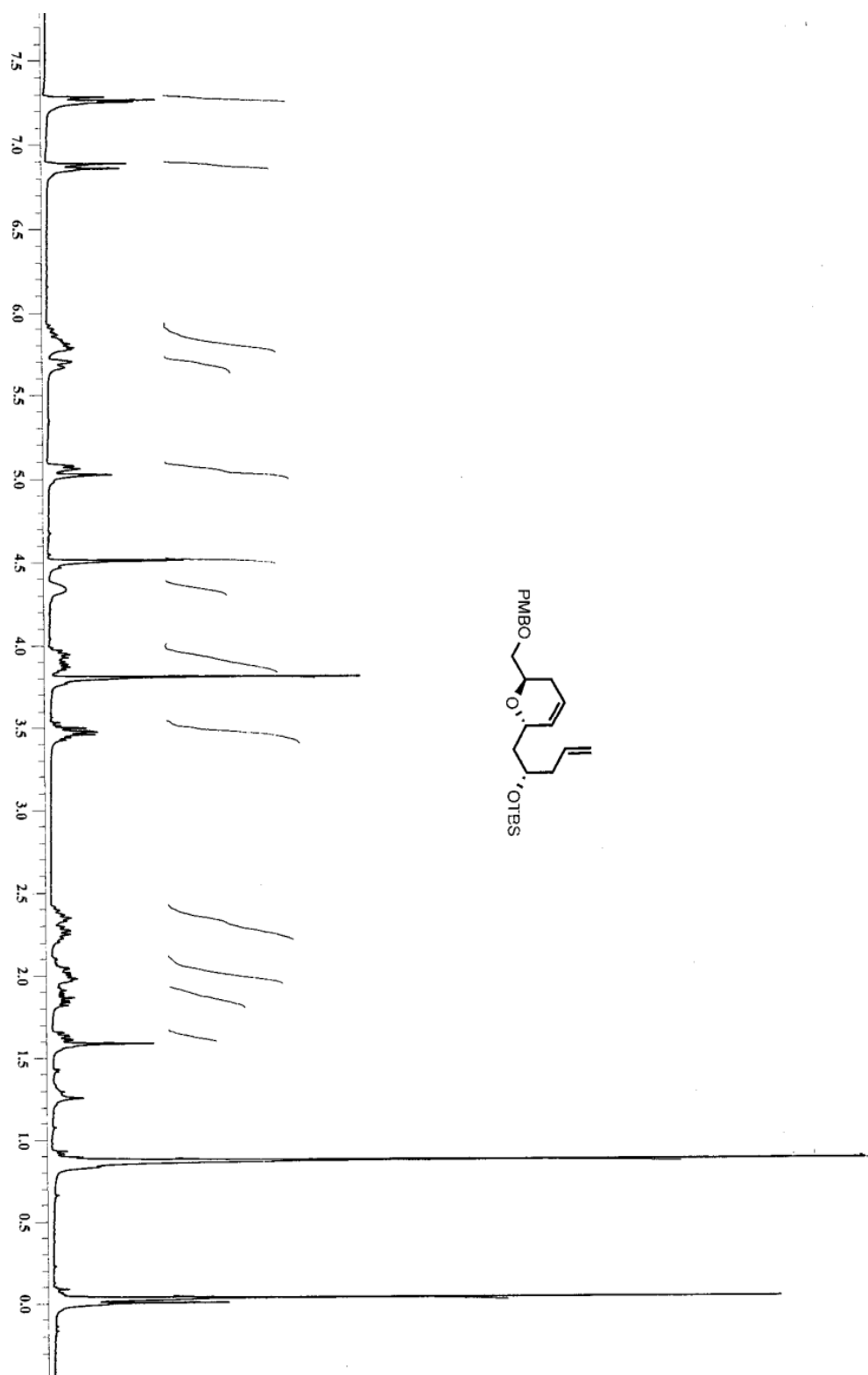
¹³C NMR Spectrum of Compound 11 (CDCl₃, 75 MHz)



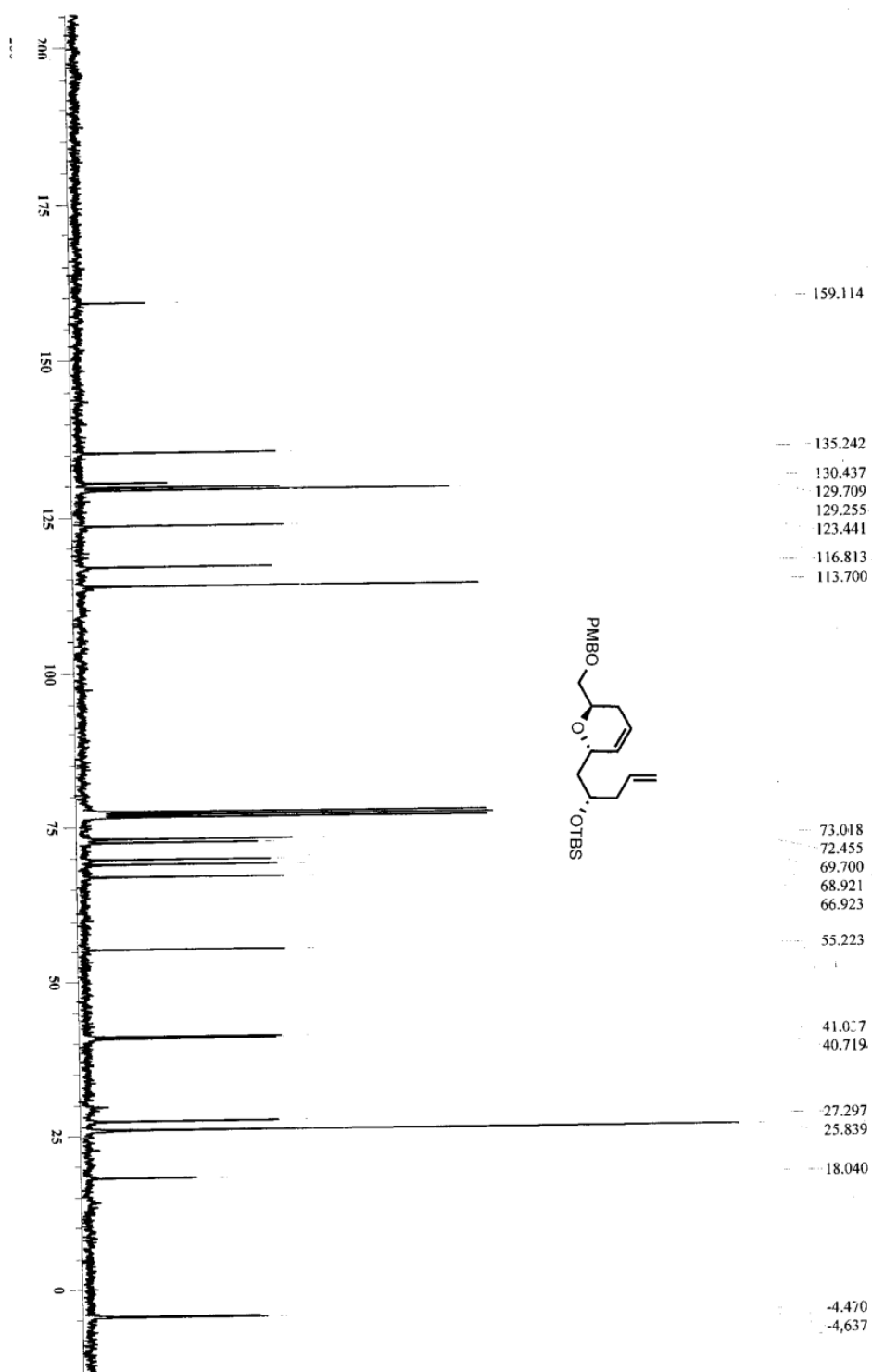
^1H NMR Spectrum of MTPA Ester with (S)-Acid (CDCl_3 , 300 MHz)



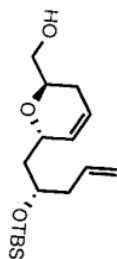
^1H NMR Spectrum of MTPA Ester with (*R*)-Acid (CDCl_3 , 300 MHz)



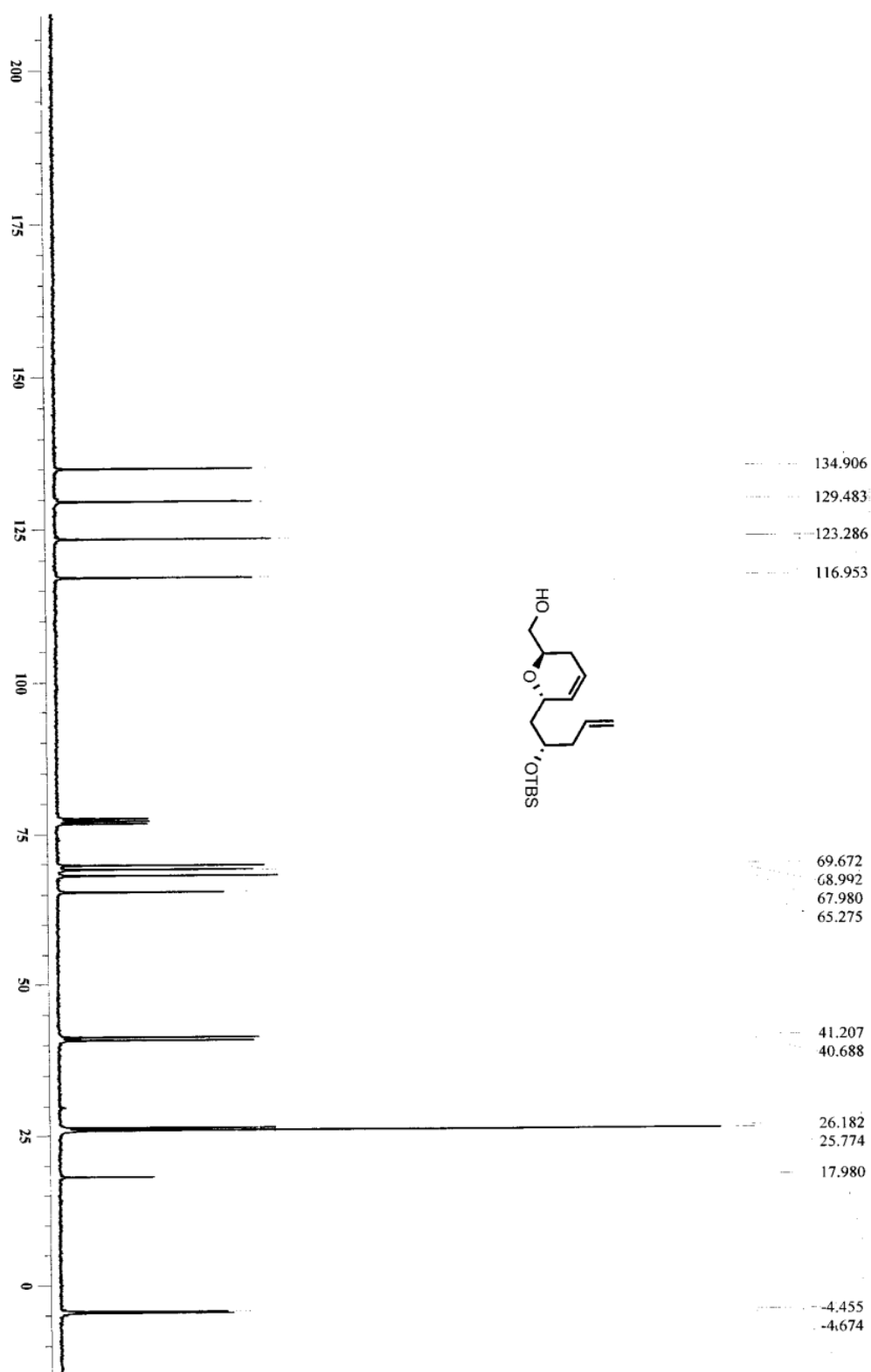
^1H NMR Spectrum of Compound 8 (CDCl_3 , 300 MHz)



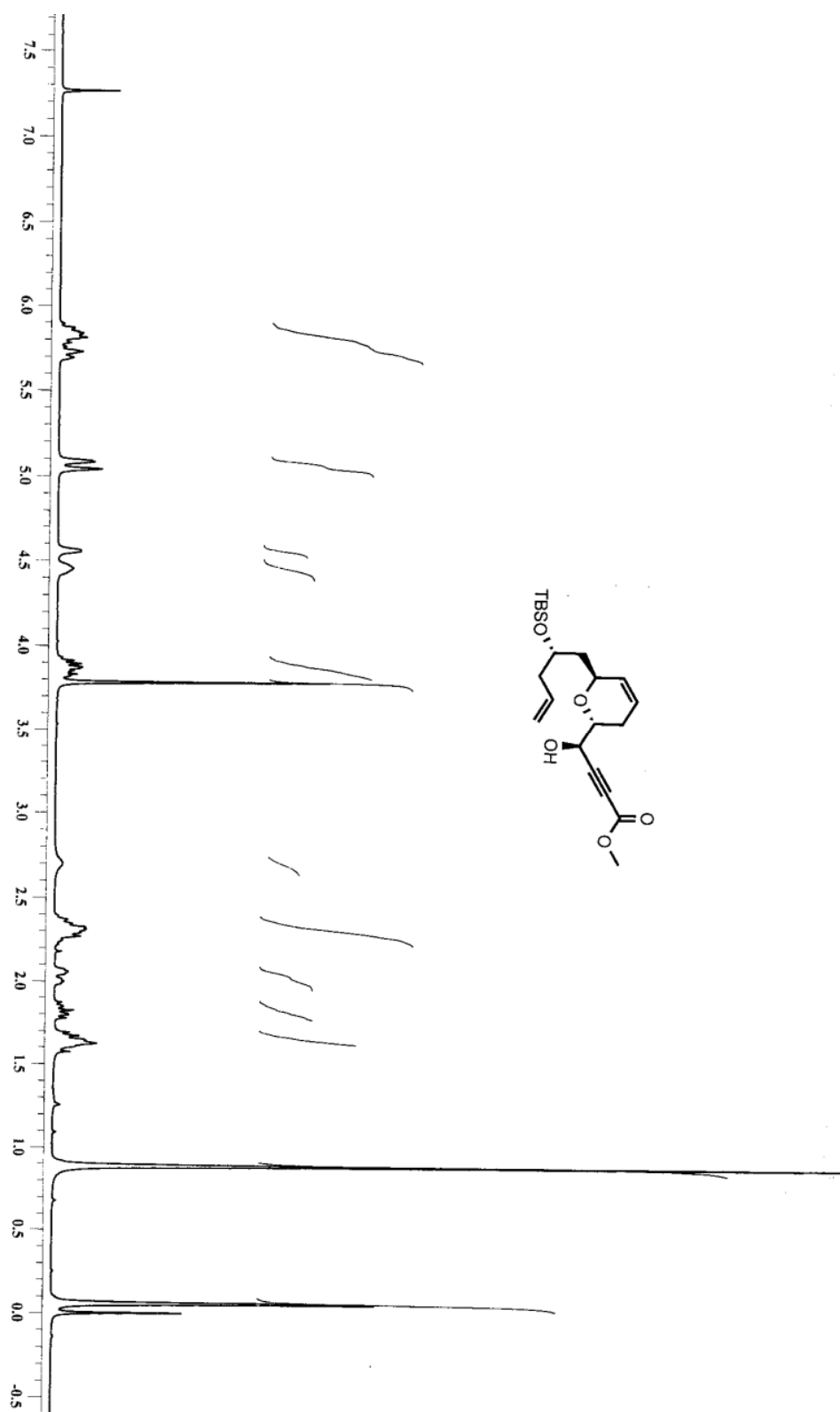
¹³C NMR Spectrum of Compound 8 (CDCl₃, 75 MHz)



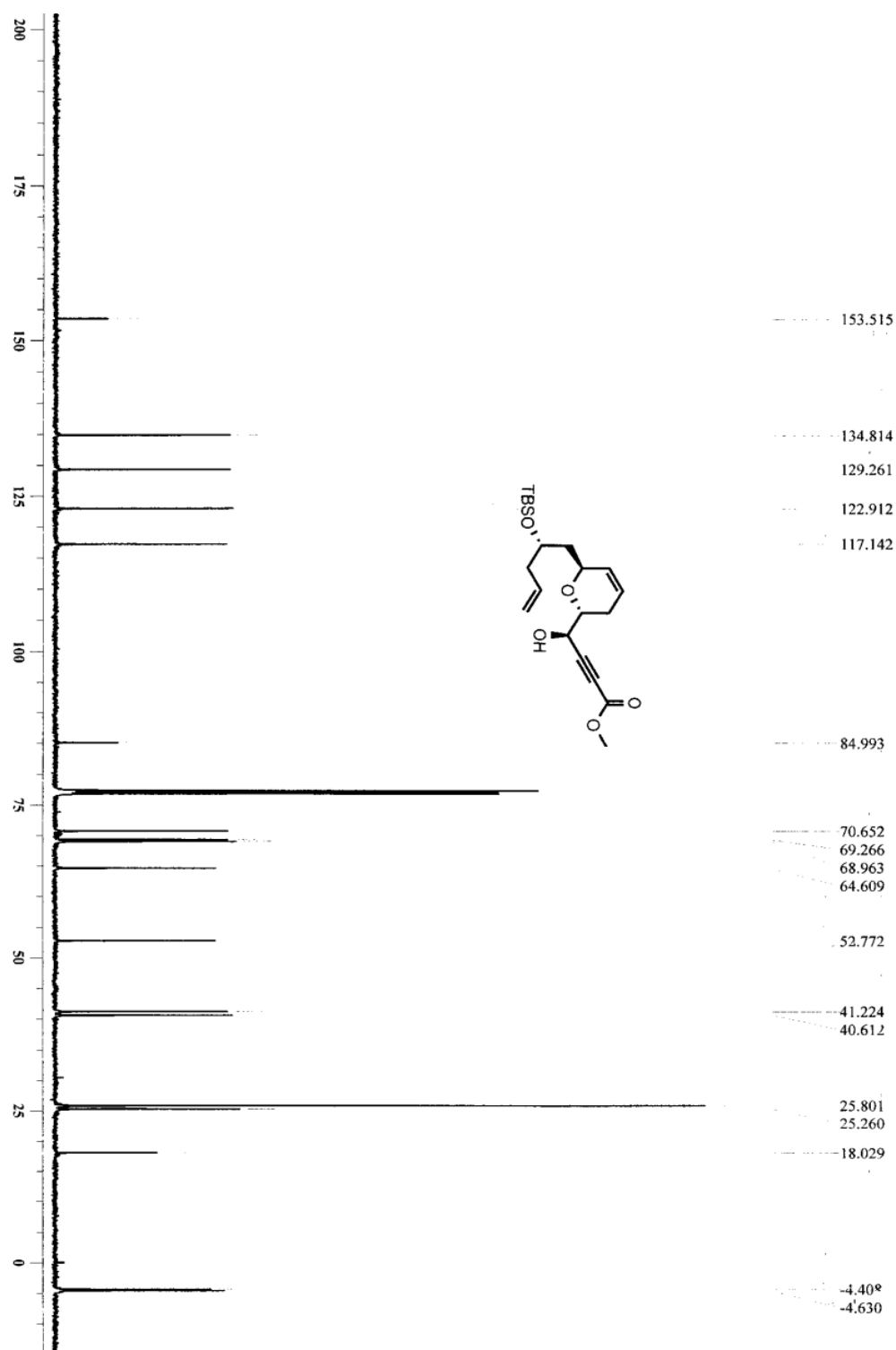
S8



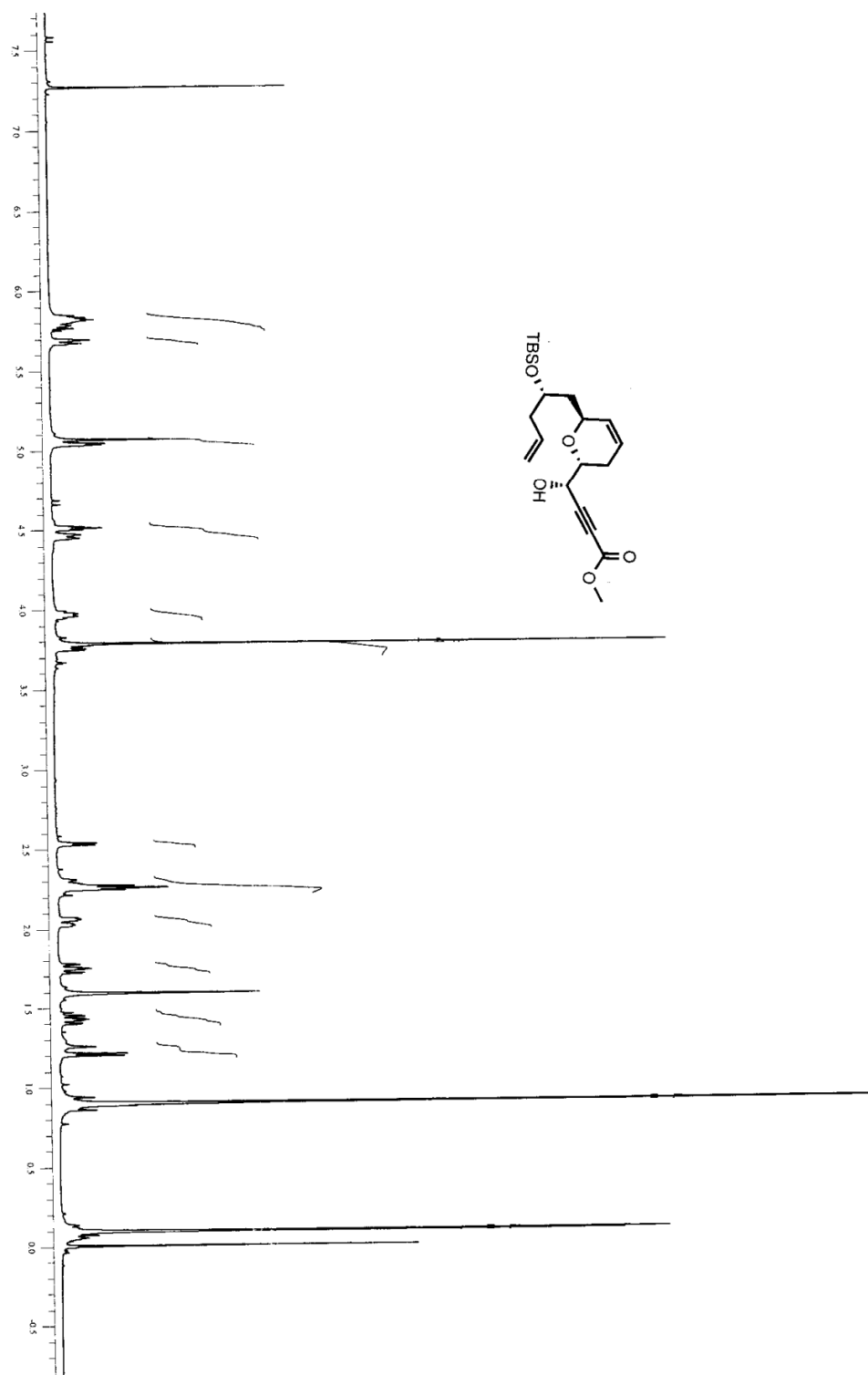
¹³C NMR Spectrum of Compound 12 (CDCl₃, 75 MHz)



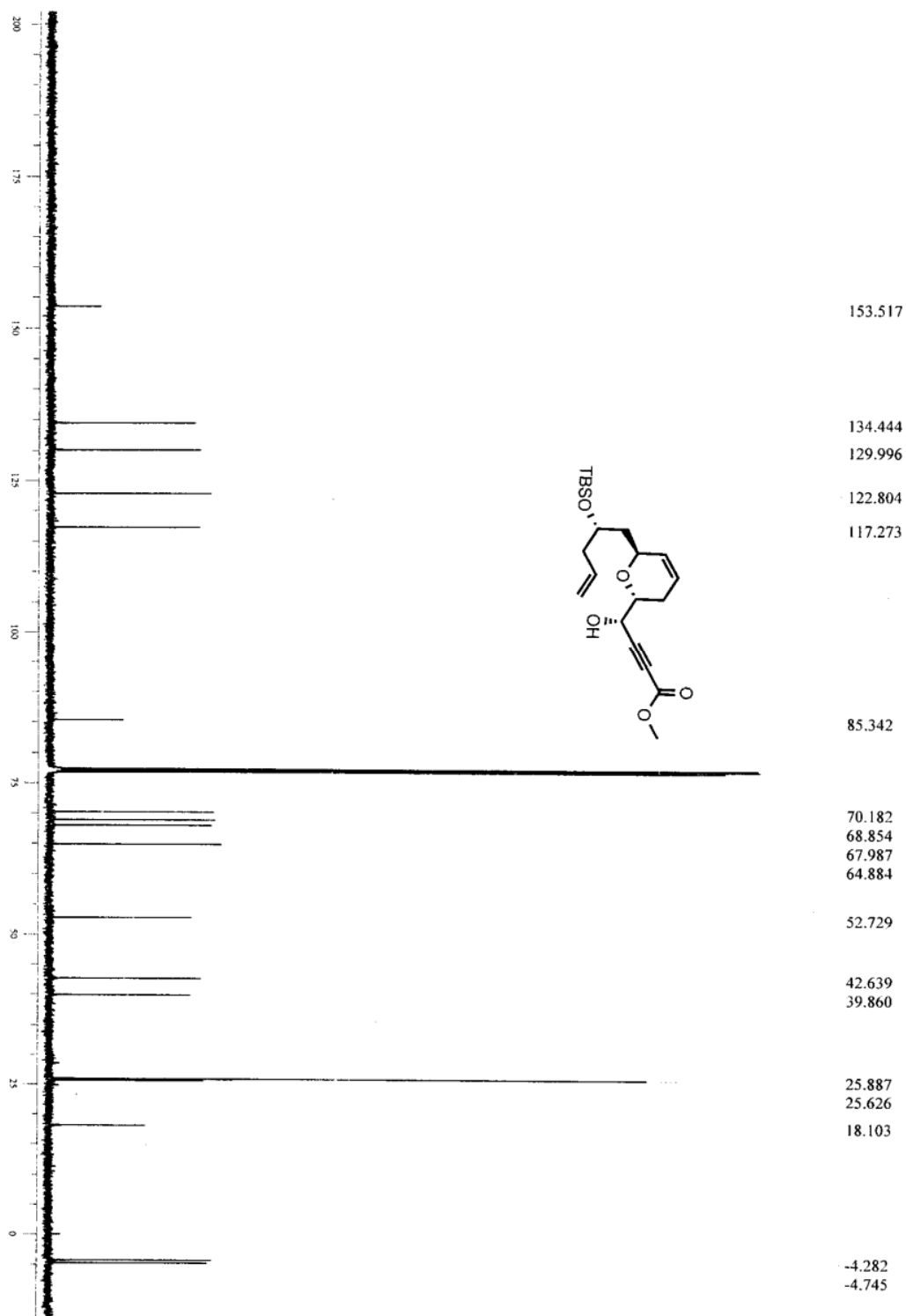
^1H NMR Spectrum of Compound 7 (CDCl_3 , 300 MHz)



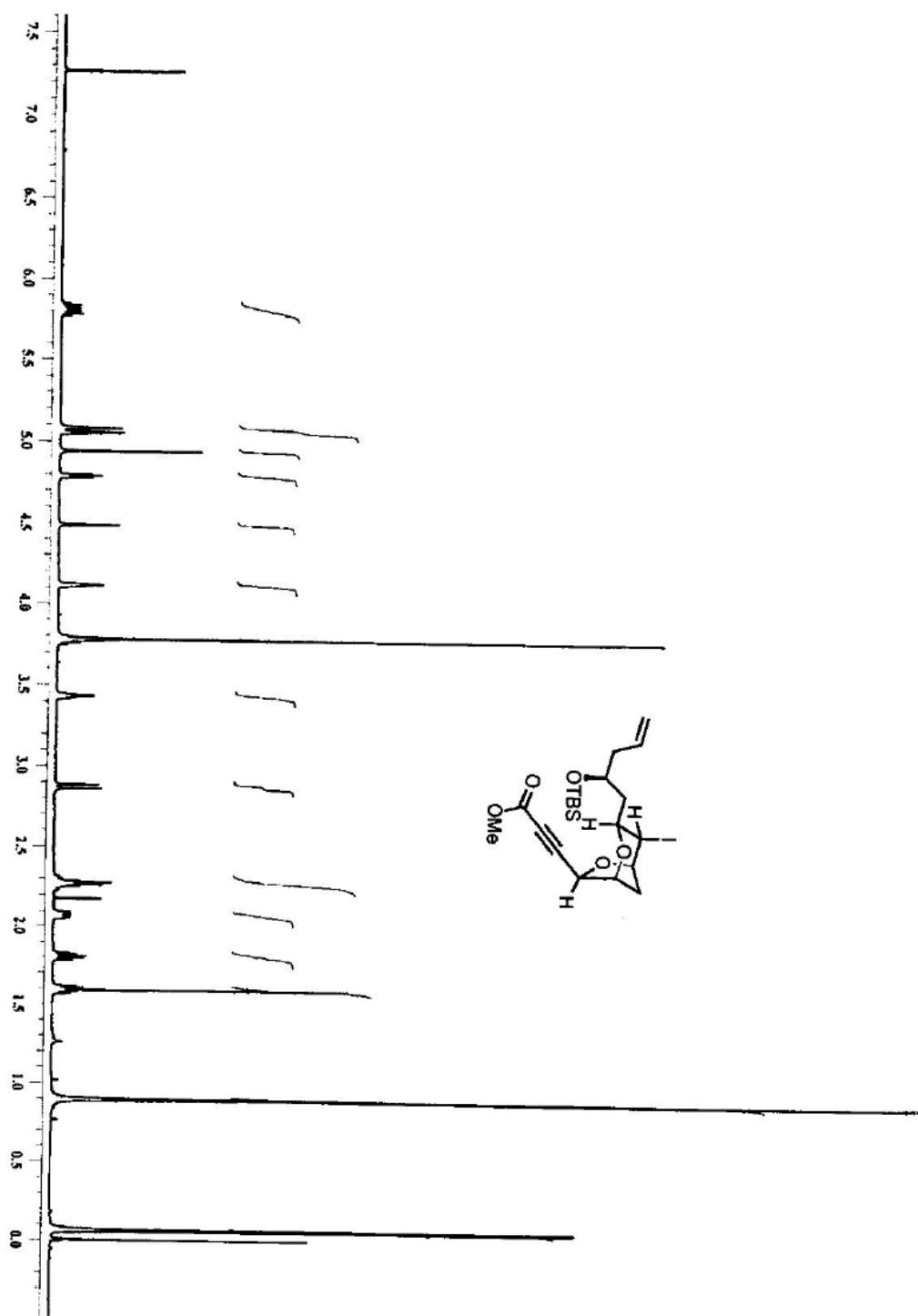
¹³C NMR Spectrum of Compound 7 (CDCl₃, 125 MHz)



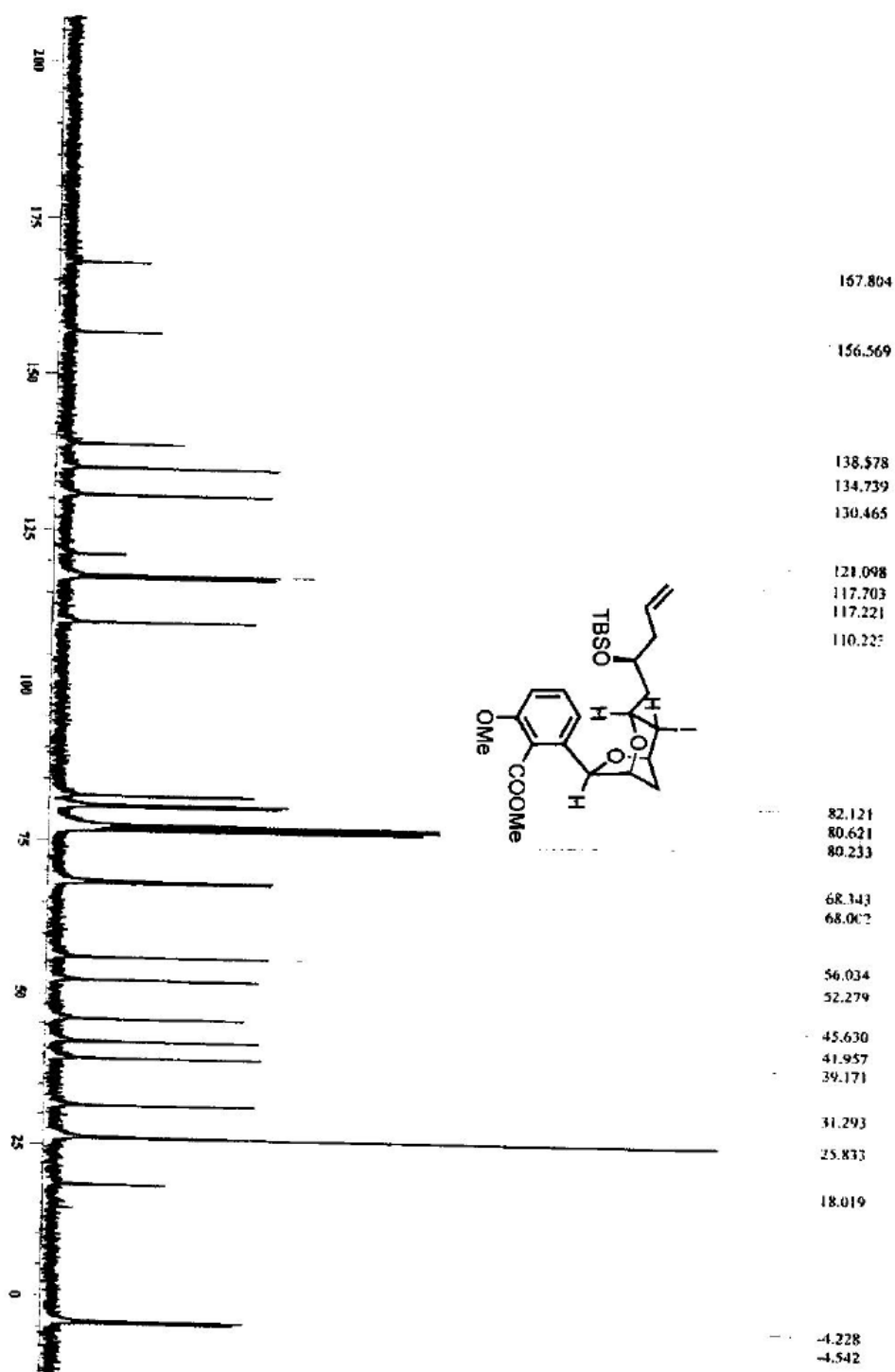
^1H NMR Spectrum of Compound 13 (CDCl_3 , 300 MHz)



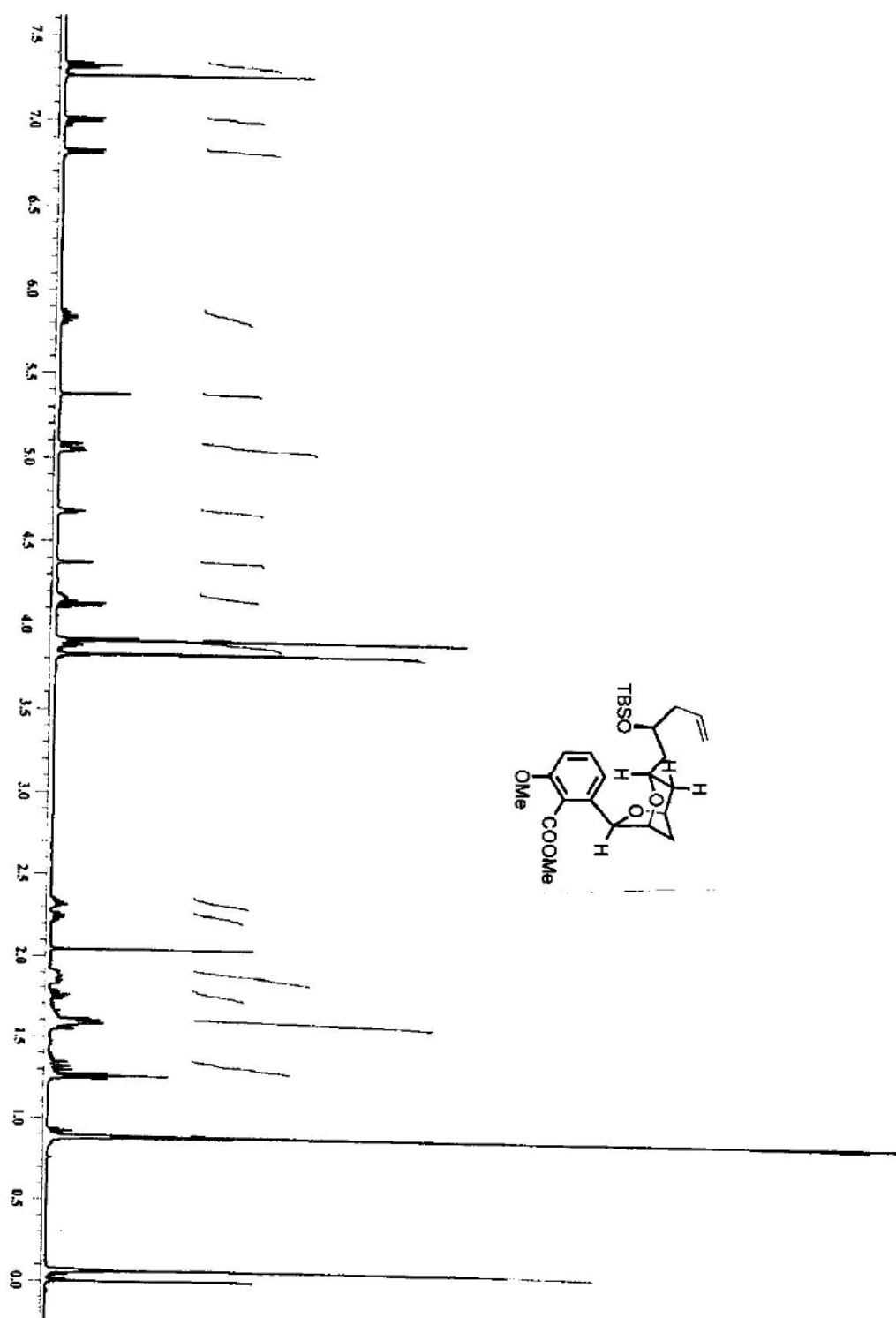
¹³C NMR Spectrum of Compound 13 (CDCl₃, 125 MHz)



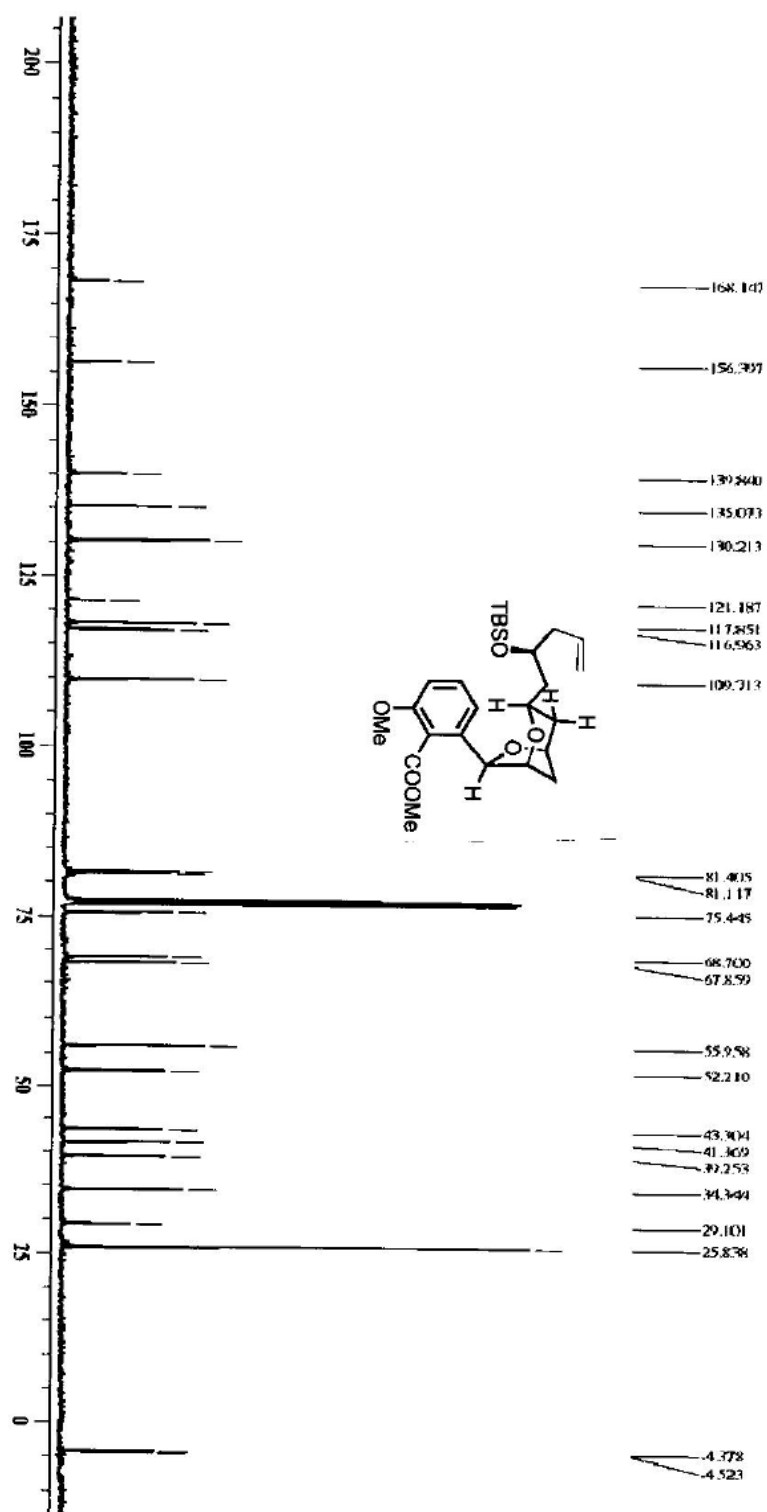
^1H NMR Spectrum of Compound 6 (CDCl_3 , 500 MHz)



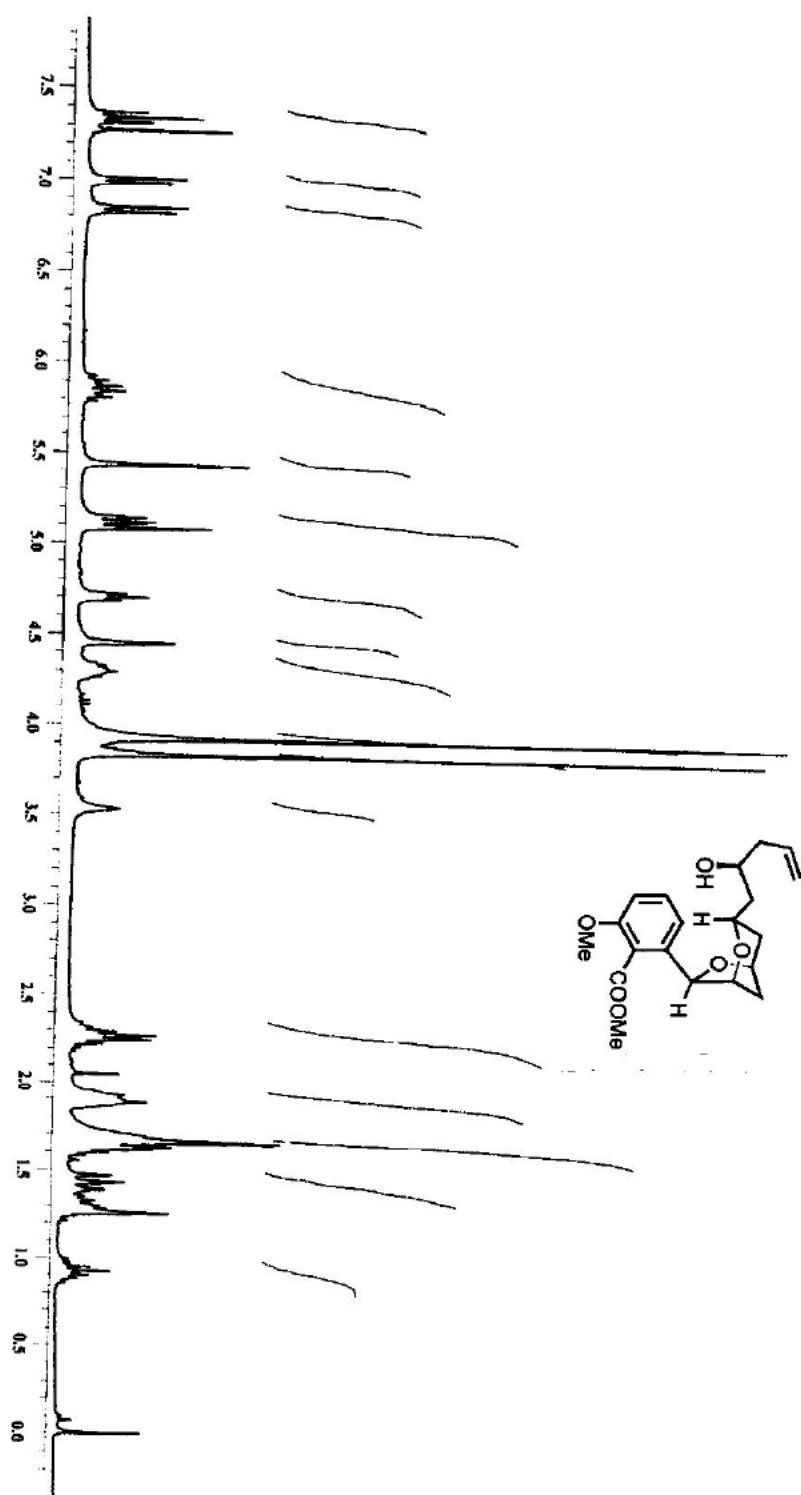
¹³C NMR Spectrum of Compound 16 (CDCl₃, 75 MHz)



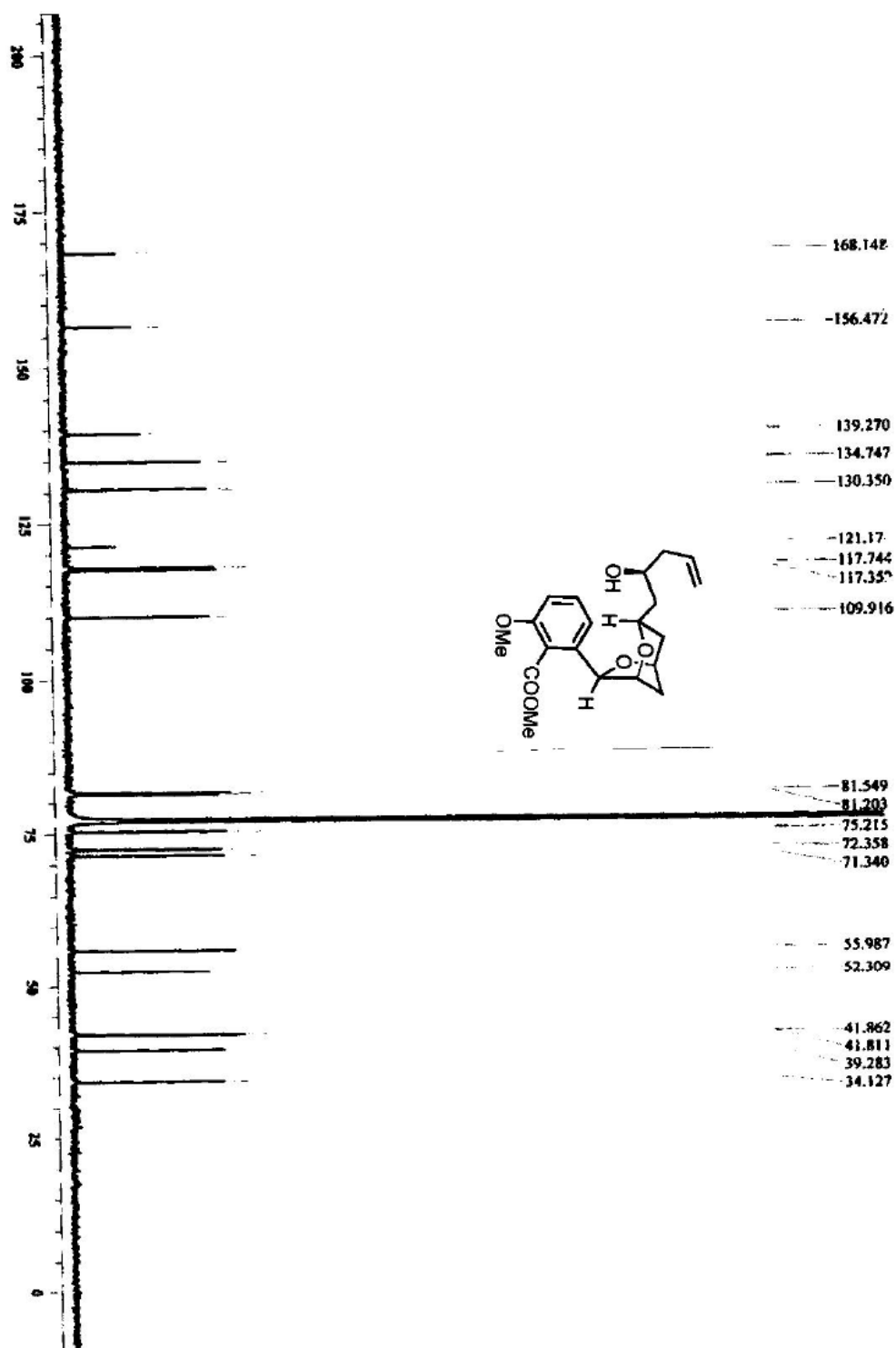
^1H NMR Spectrum of Compound 17(CDCl_3 , 500 MHz)



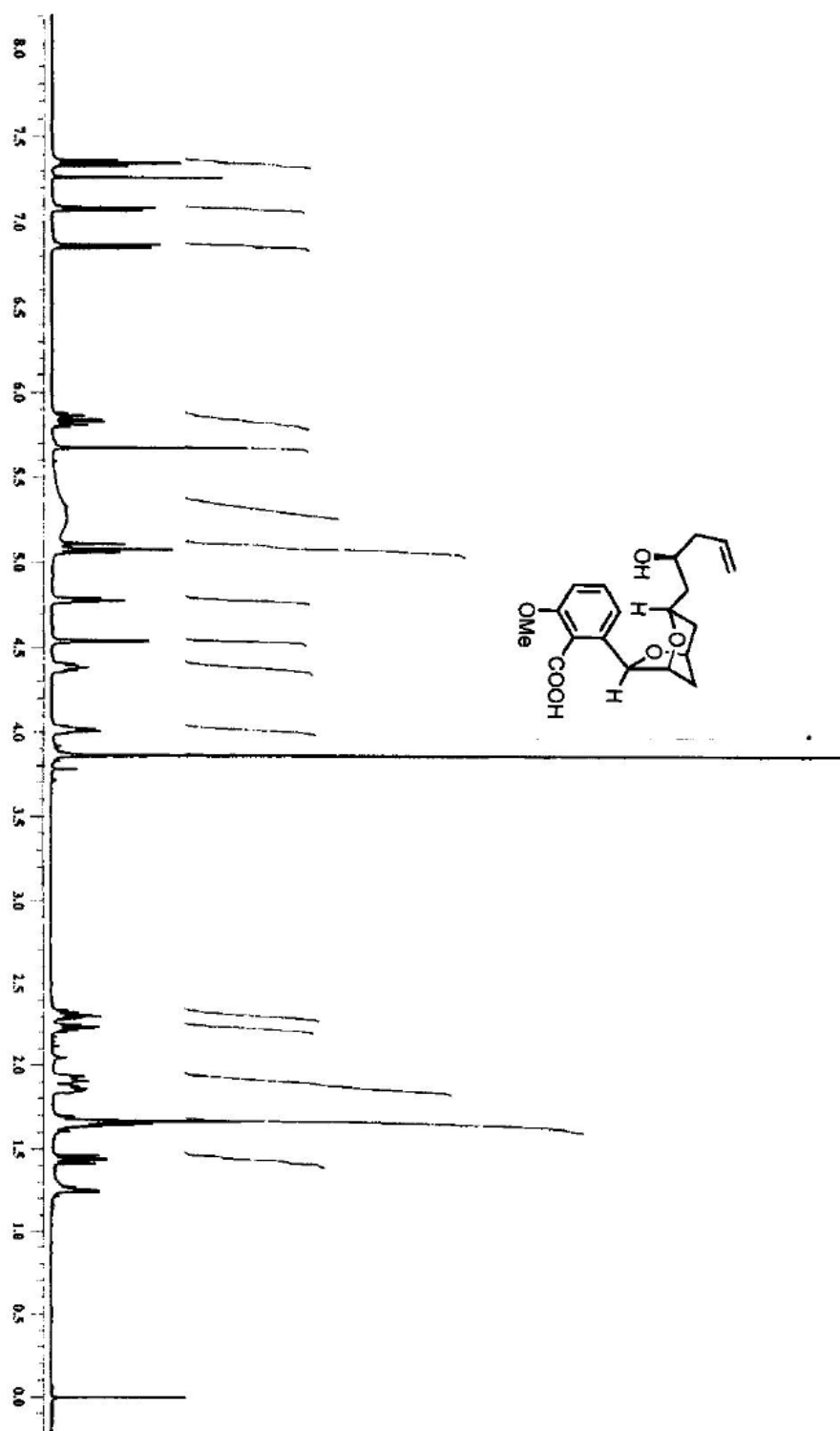
¹³C NMR Spectrum of Compound 17 (CDCl₃, 125 MHz)



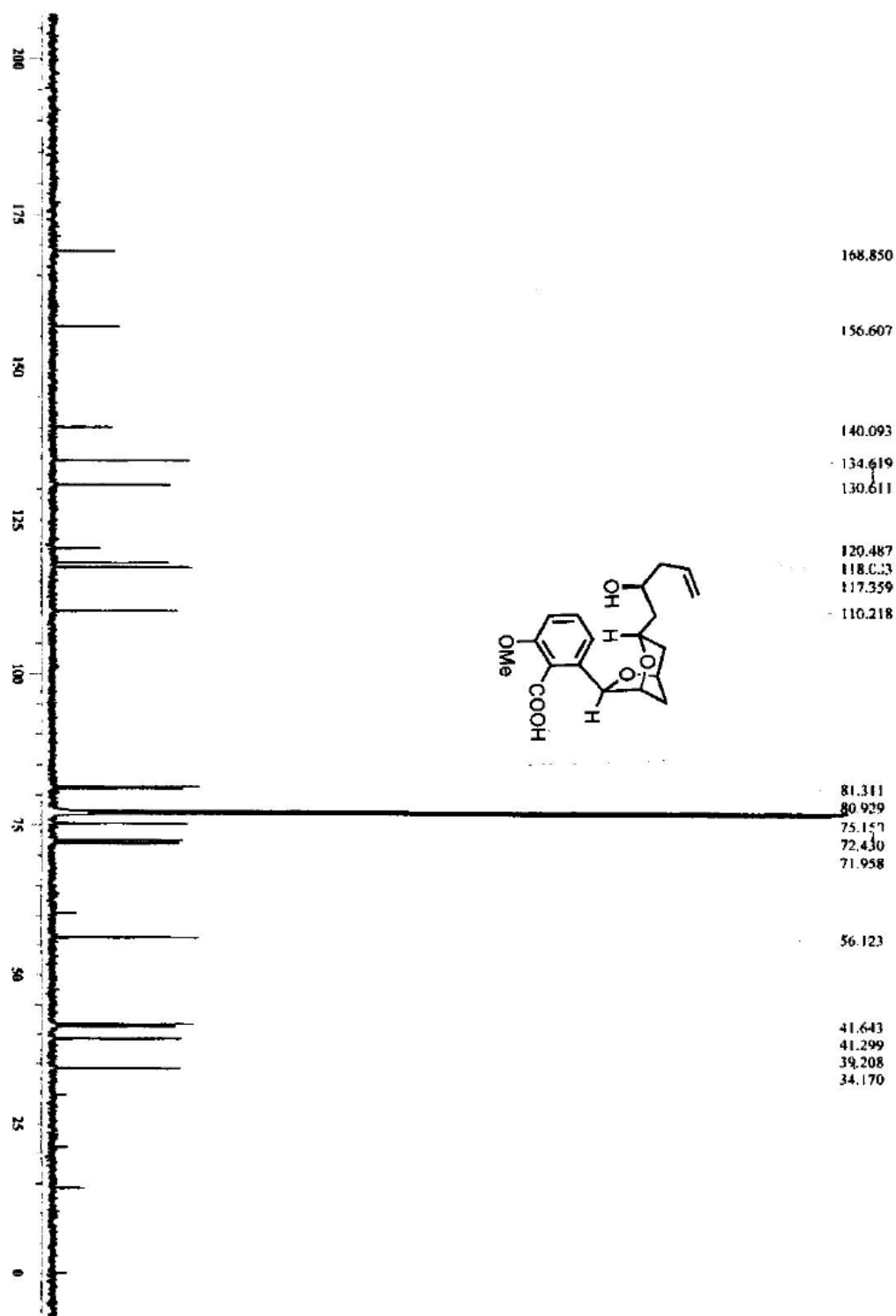
^1H NMR Spectrum of Compound 18(CDCl_3 , 500 MHz)



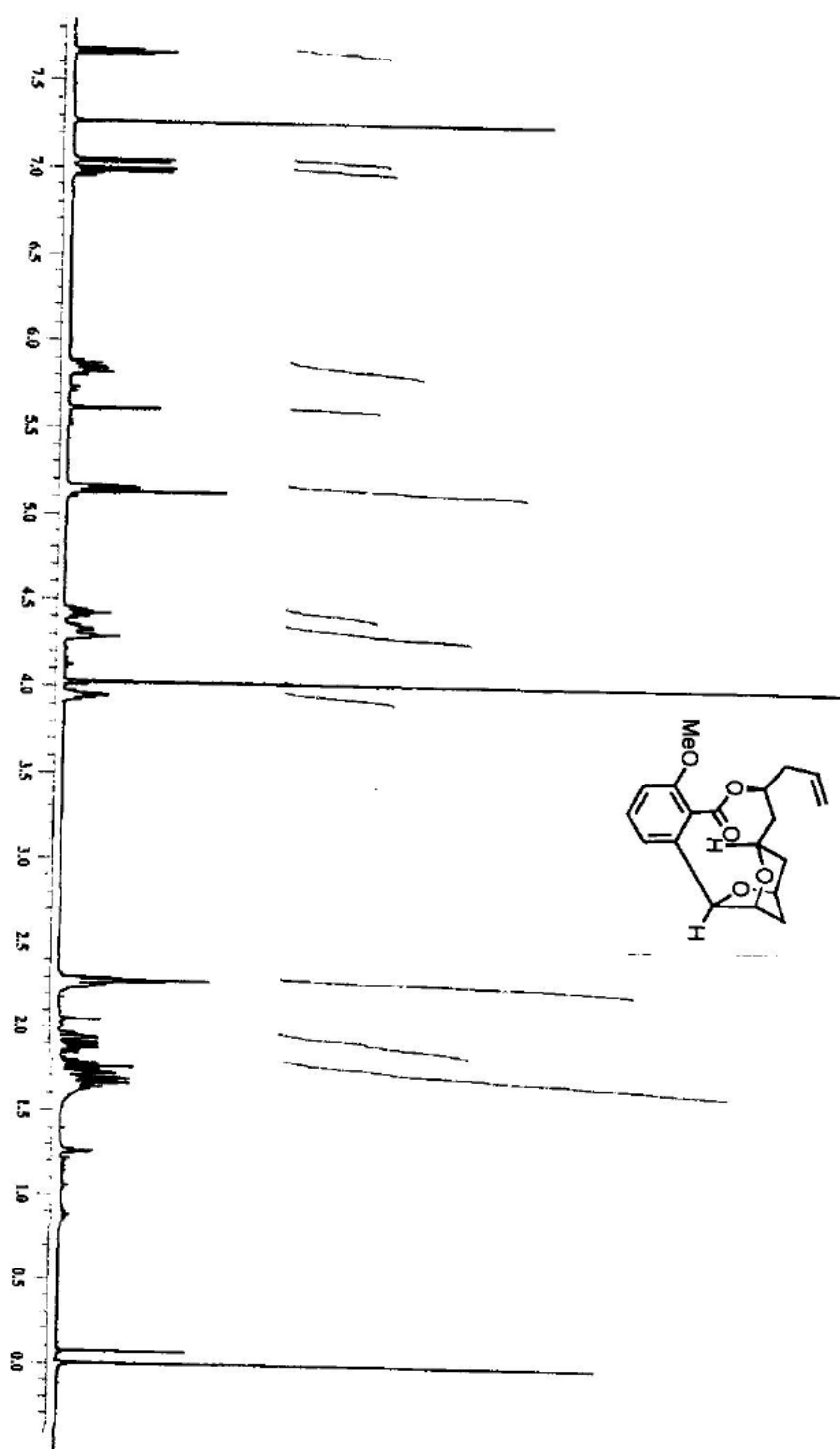
^{13}C NMR Spectrum of Compound 18 (CDCl_3 , 125 MHz)



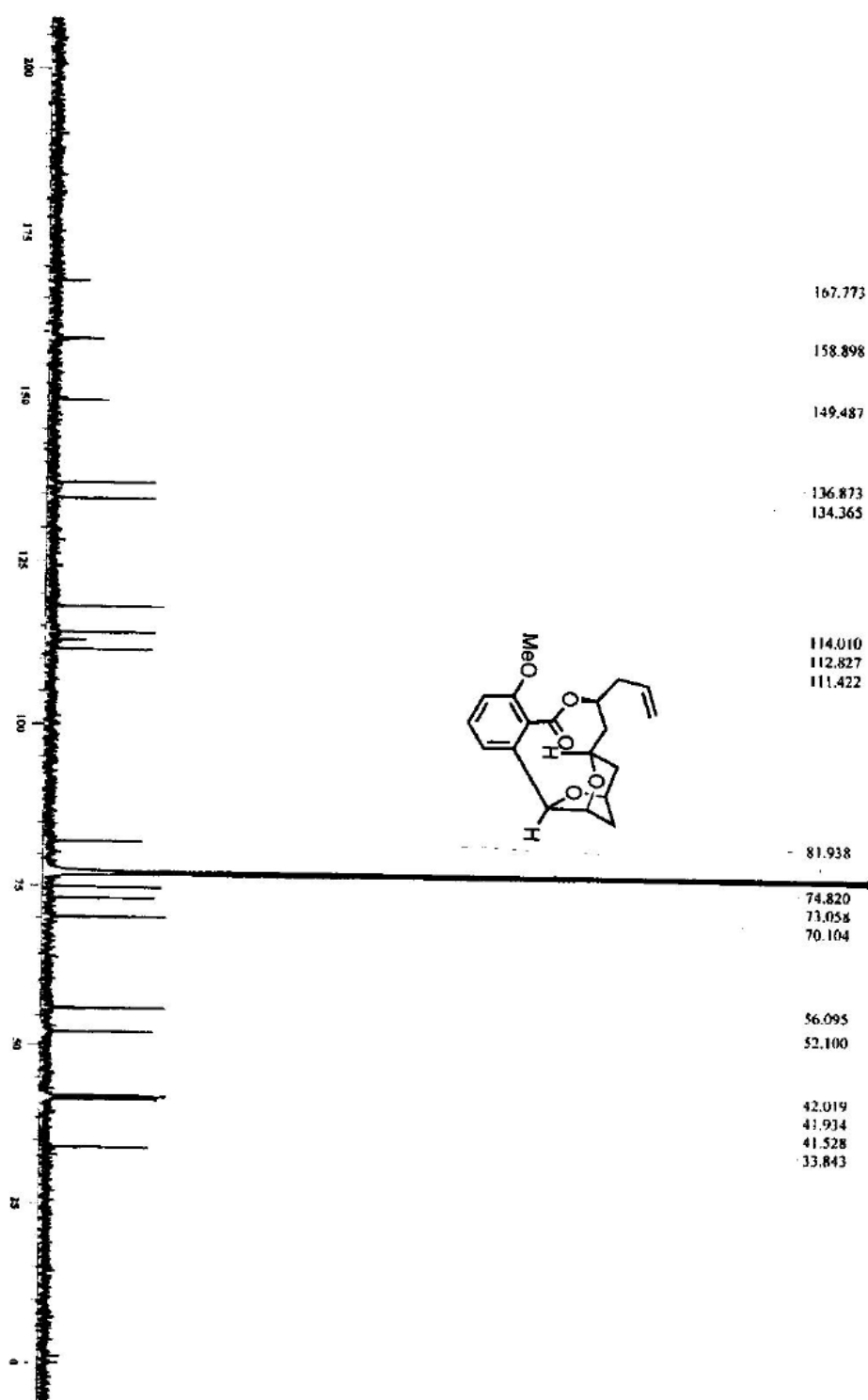
^1H NMR Spectrum of Compound 5(CDCl_3 , 500 MHz)



¹³C NMR Spectrum of Compound 5 (CDCl₃, 125 MHz)



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



^{13}C NMR Spectrum of Compound 4 (CDCl_3 , 125 MHz)