

Supporting Information  
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**Supporting Information**

**Rhodium Carbenoid Induced [1,2]-Migration in L-Lyxo-configured  $\alpha$ -Diazo- $\beta$ -keto ester: Synthesis of a New Griseolic Acid Analogue**

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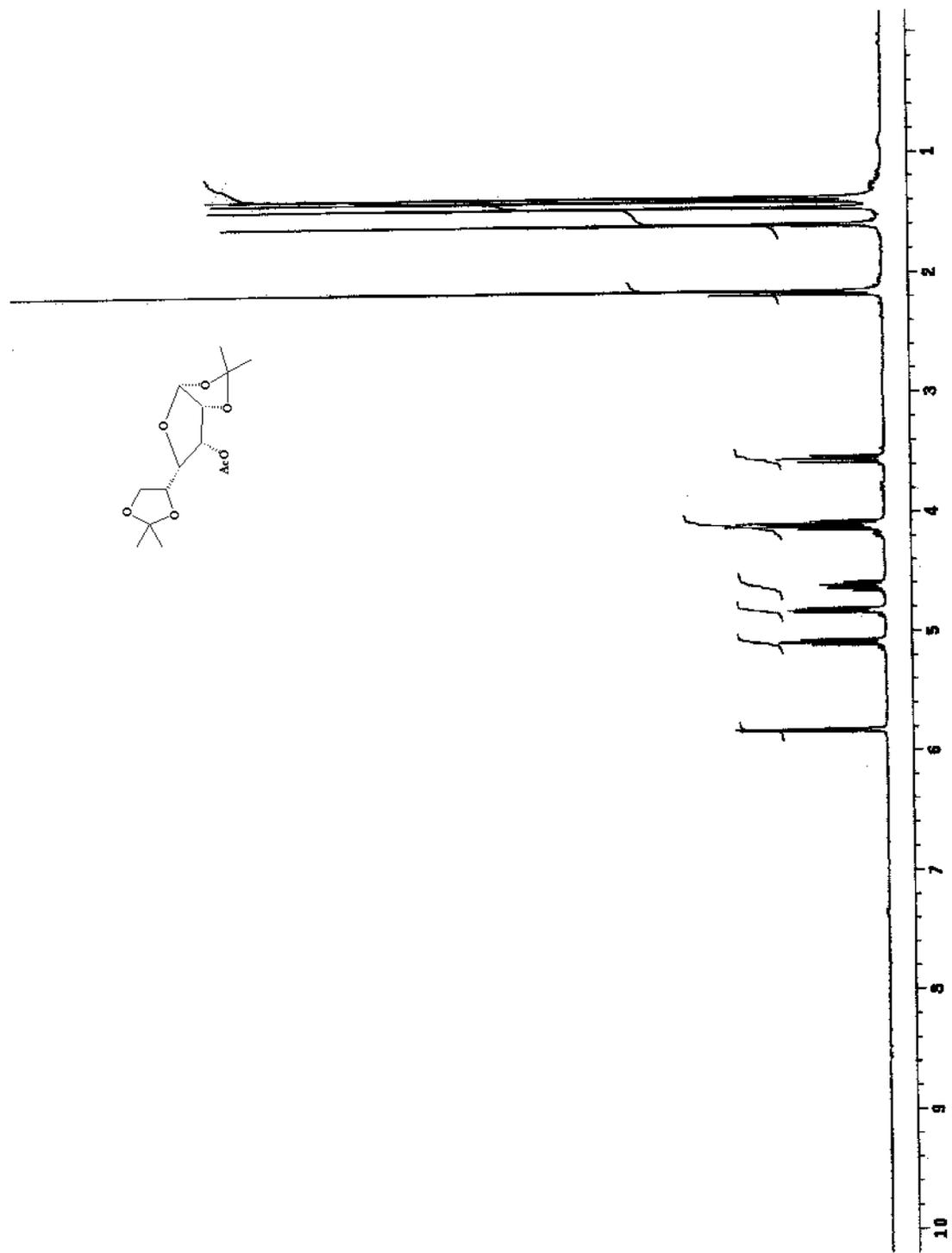


Figure 1:  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$ ) spectrum of compound 3a

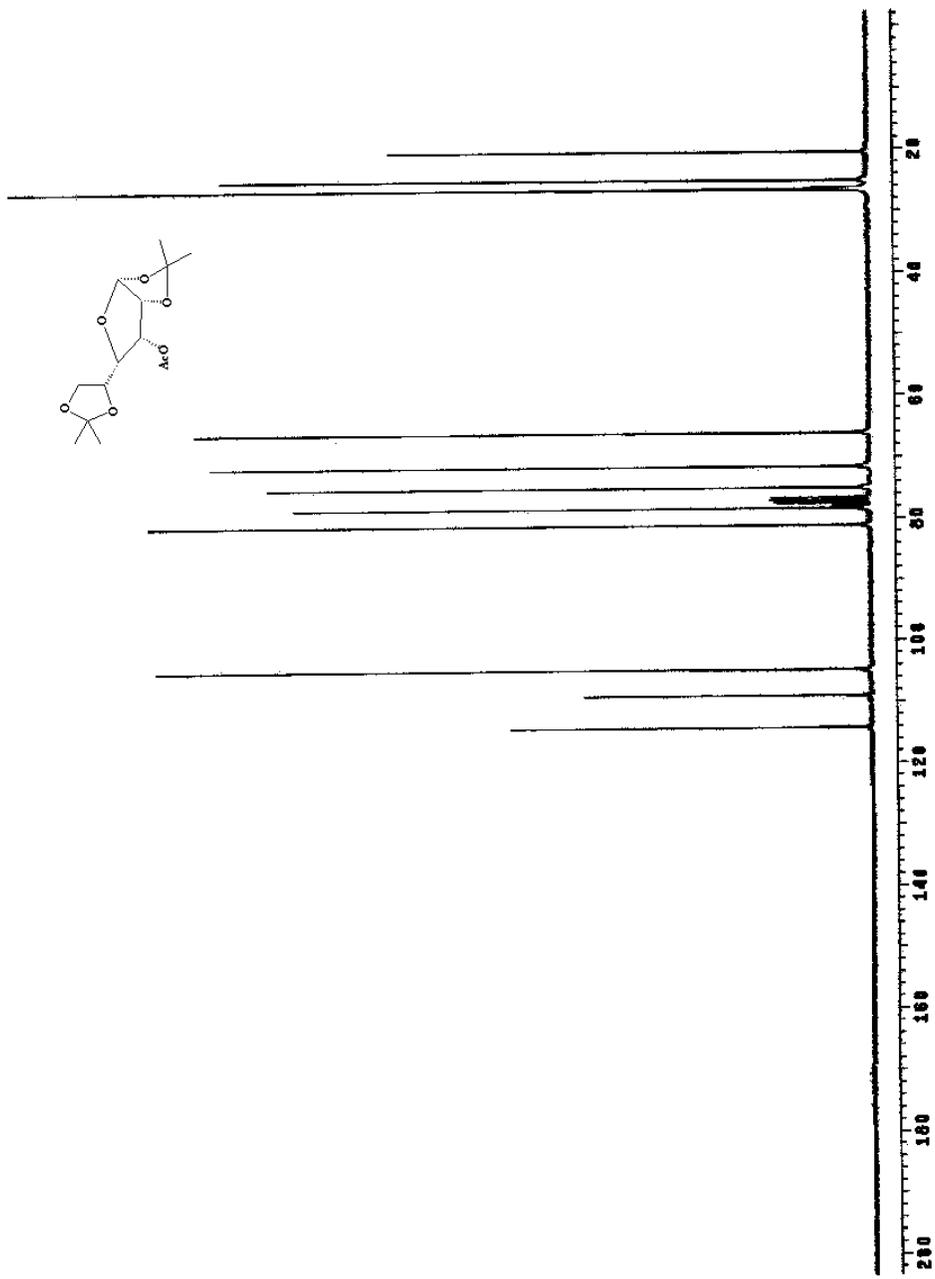


Figure 2:  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$ ) spectrum of compound 3a

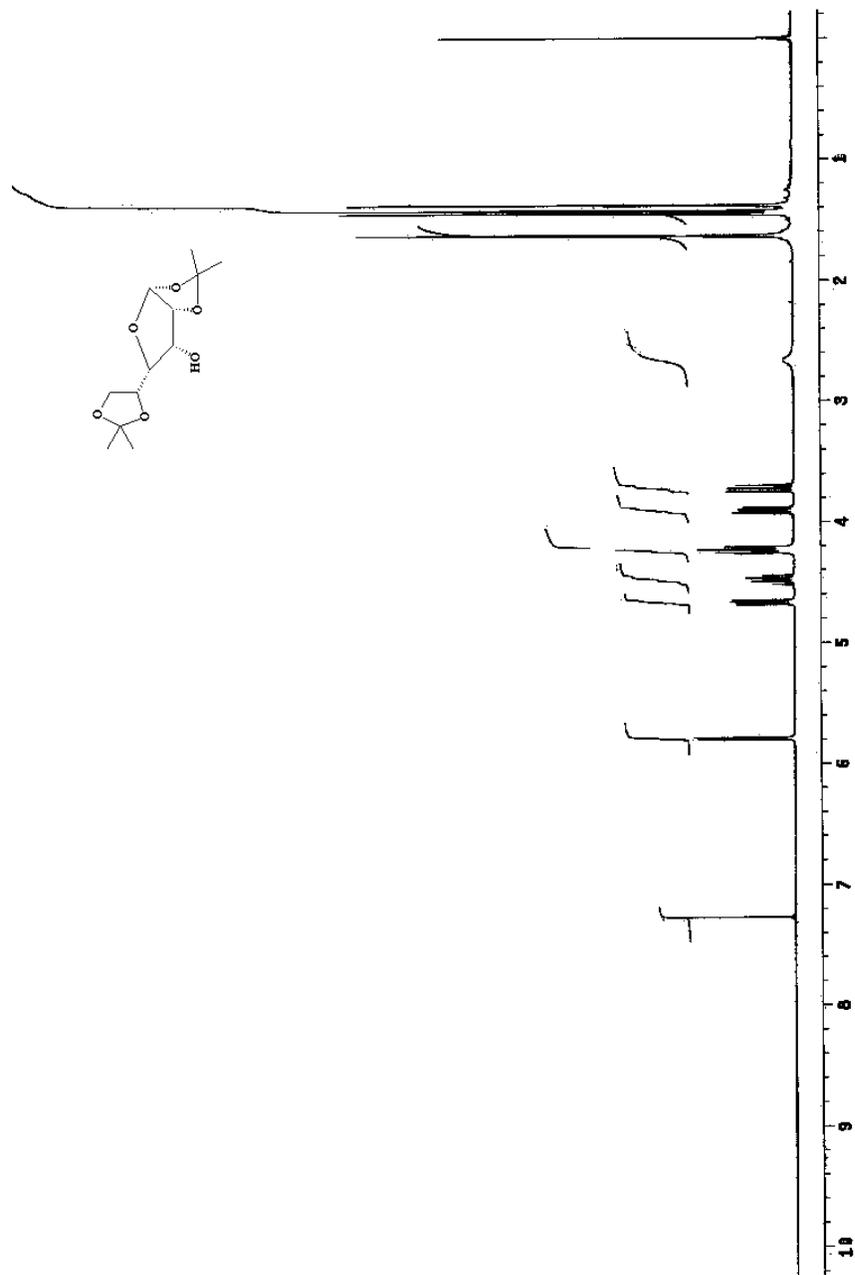


Figure 3:  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$ ) spectrum of compound 3b

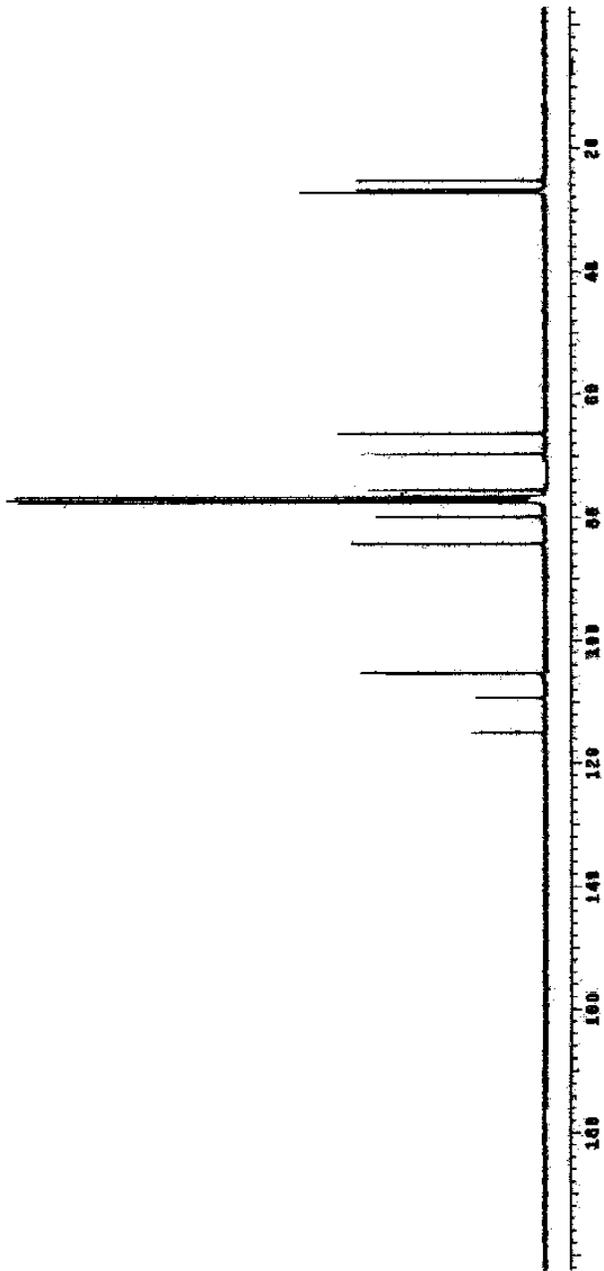
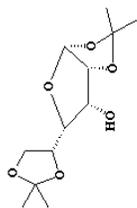


Figure 4:  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$ ) spectrum of compound 3b

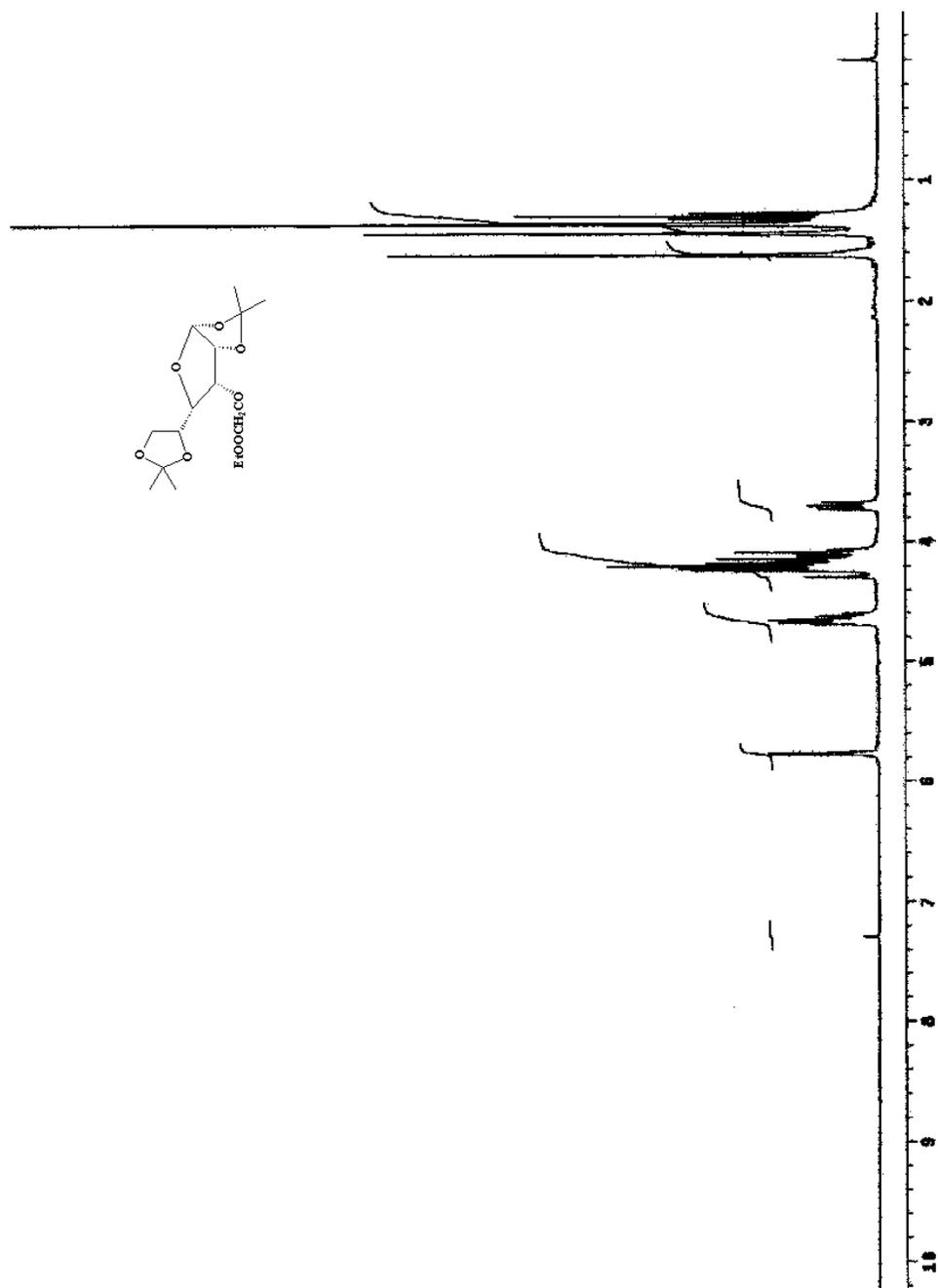


Figure 5: <sup>1</sup>H NMR (300 MHz, CDCl<sub>3</sub>) spectrum of compound 3c

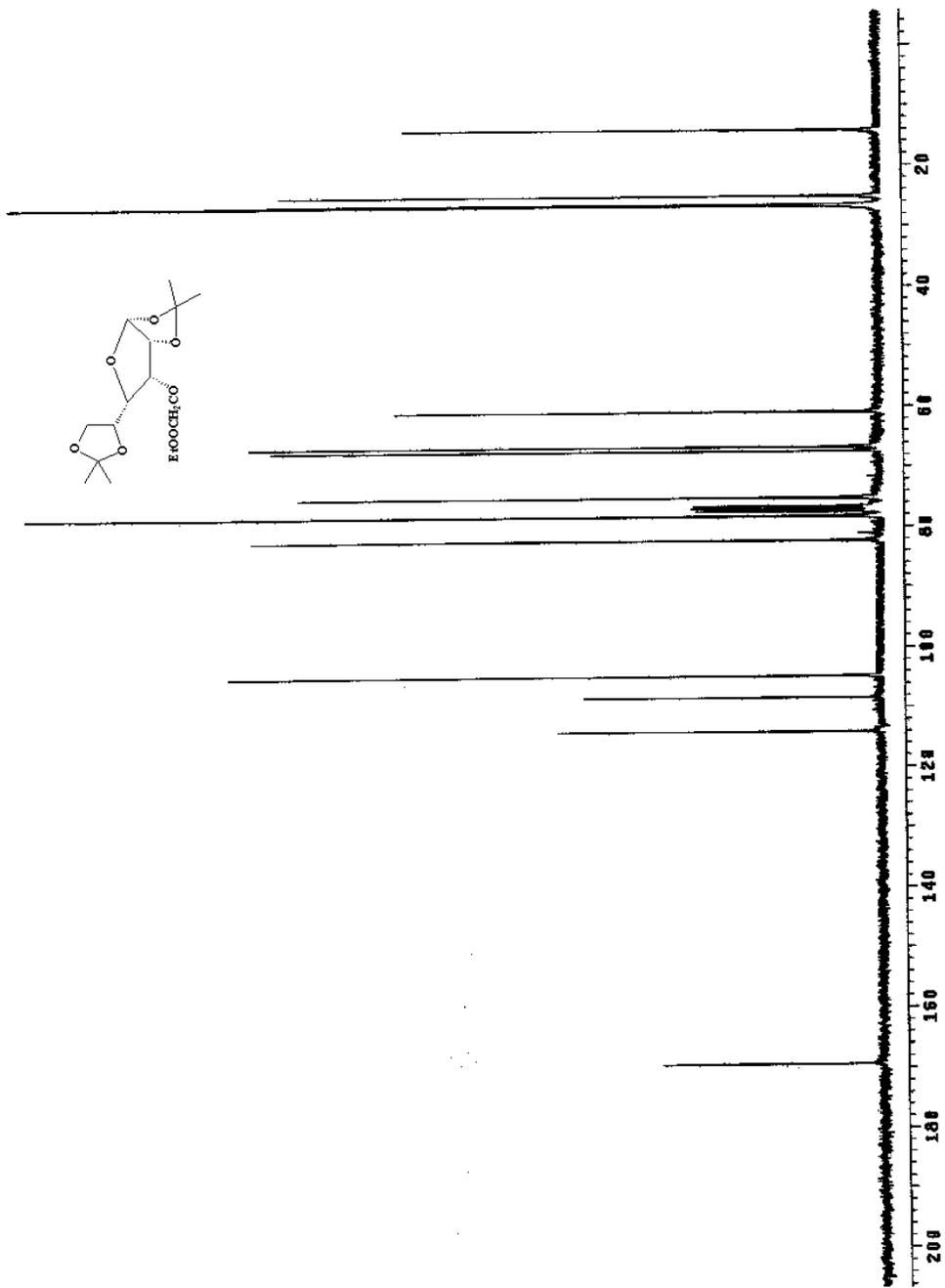


Figure 6: <sup>13</sup>C NMR (75 MHz, CDCl<sub>3</sub>) spectrum of compound 3c

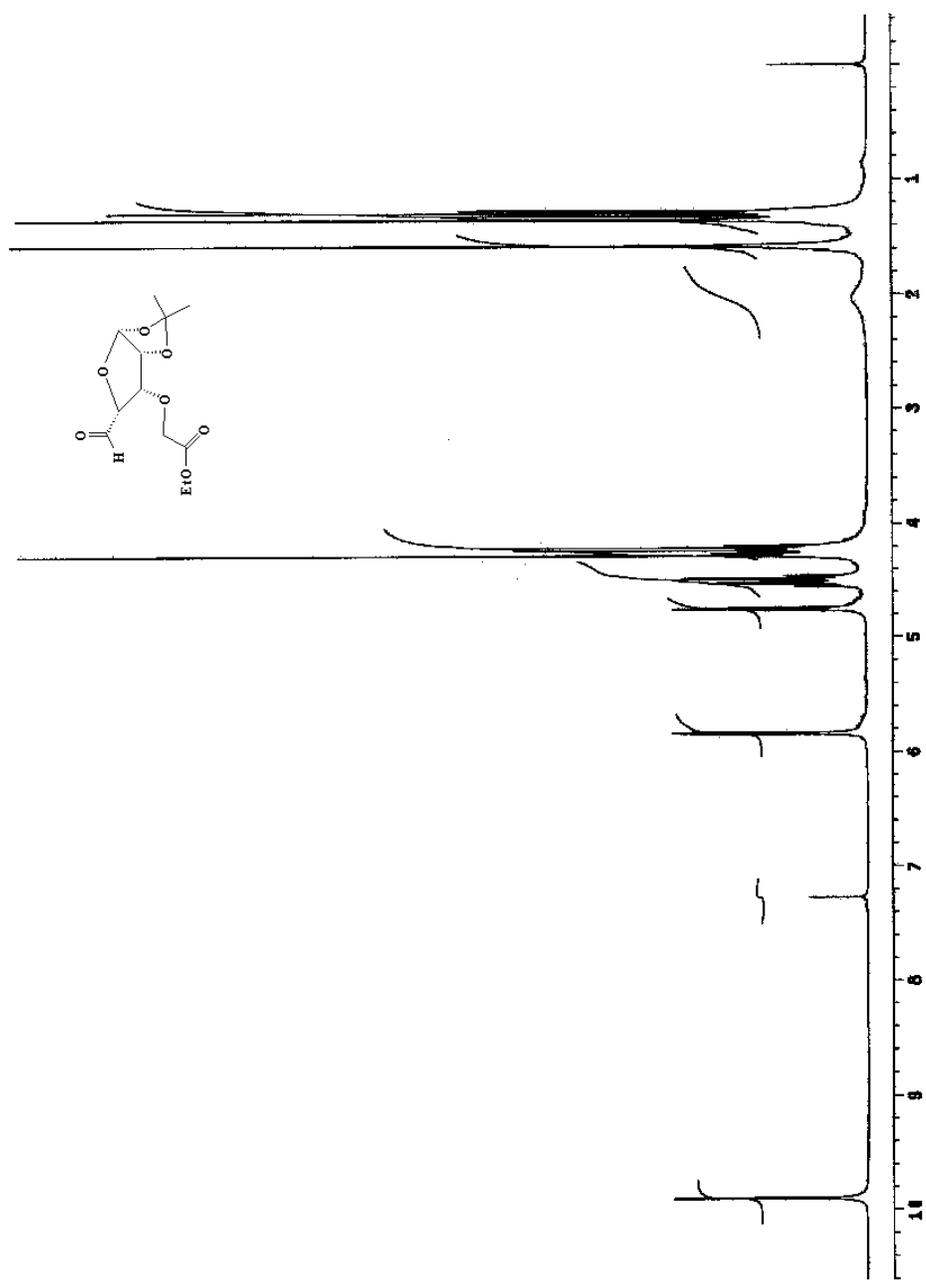


Figure 7: <sup>1</sup>H NMR (300 MHz, CDCl<sub>3</sub>) spectrum of compound 4

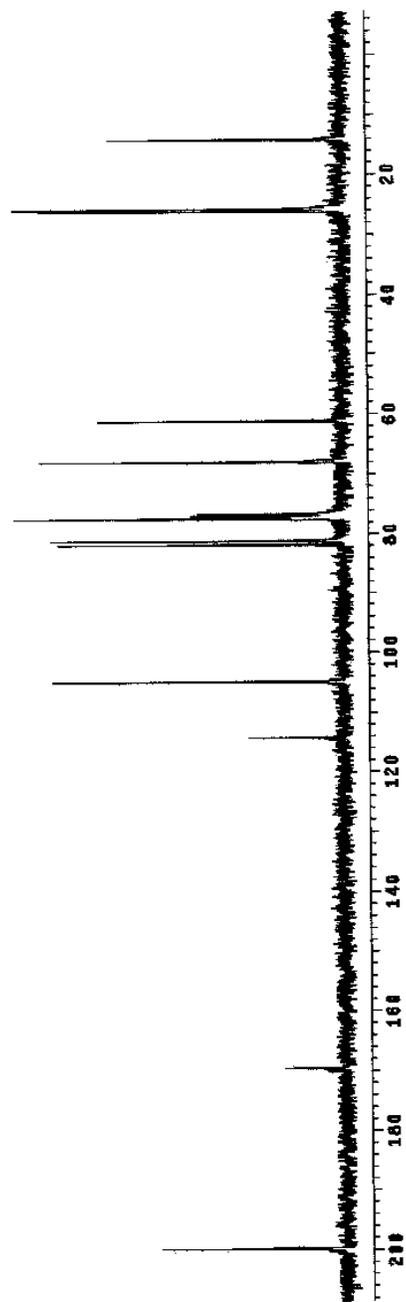
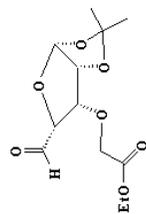


Figure 8: <sup>13</sup>C NMR (75 MHz, CDCl<sub>3</sub>) spectrum of compound 4

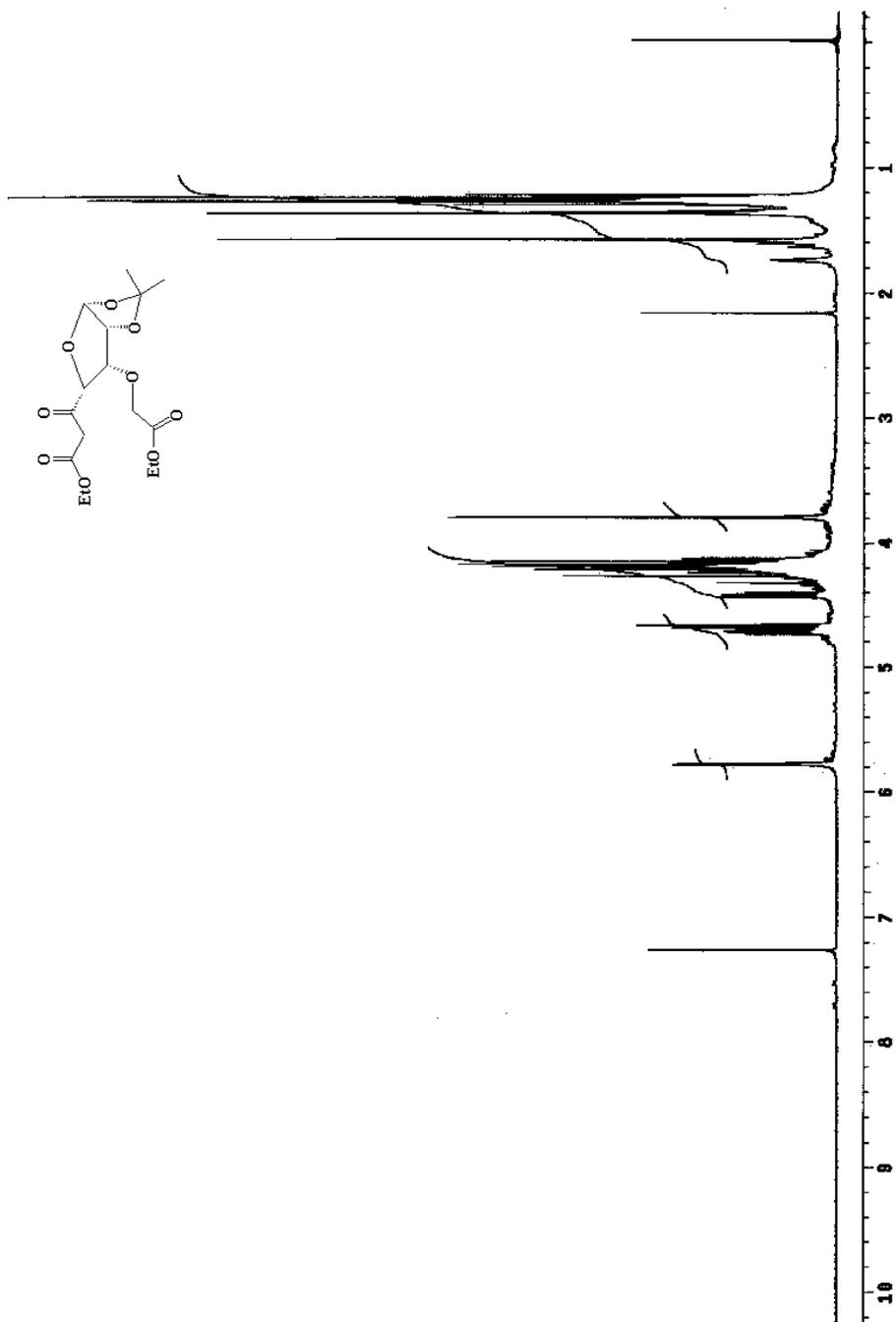


Figure 9: <sup>1</sup>H NMR (300 MHz, CDCl<sub>3</sub>) spectrum of compound 5

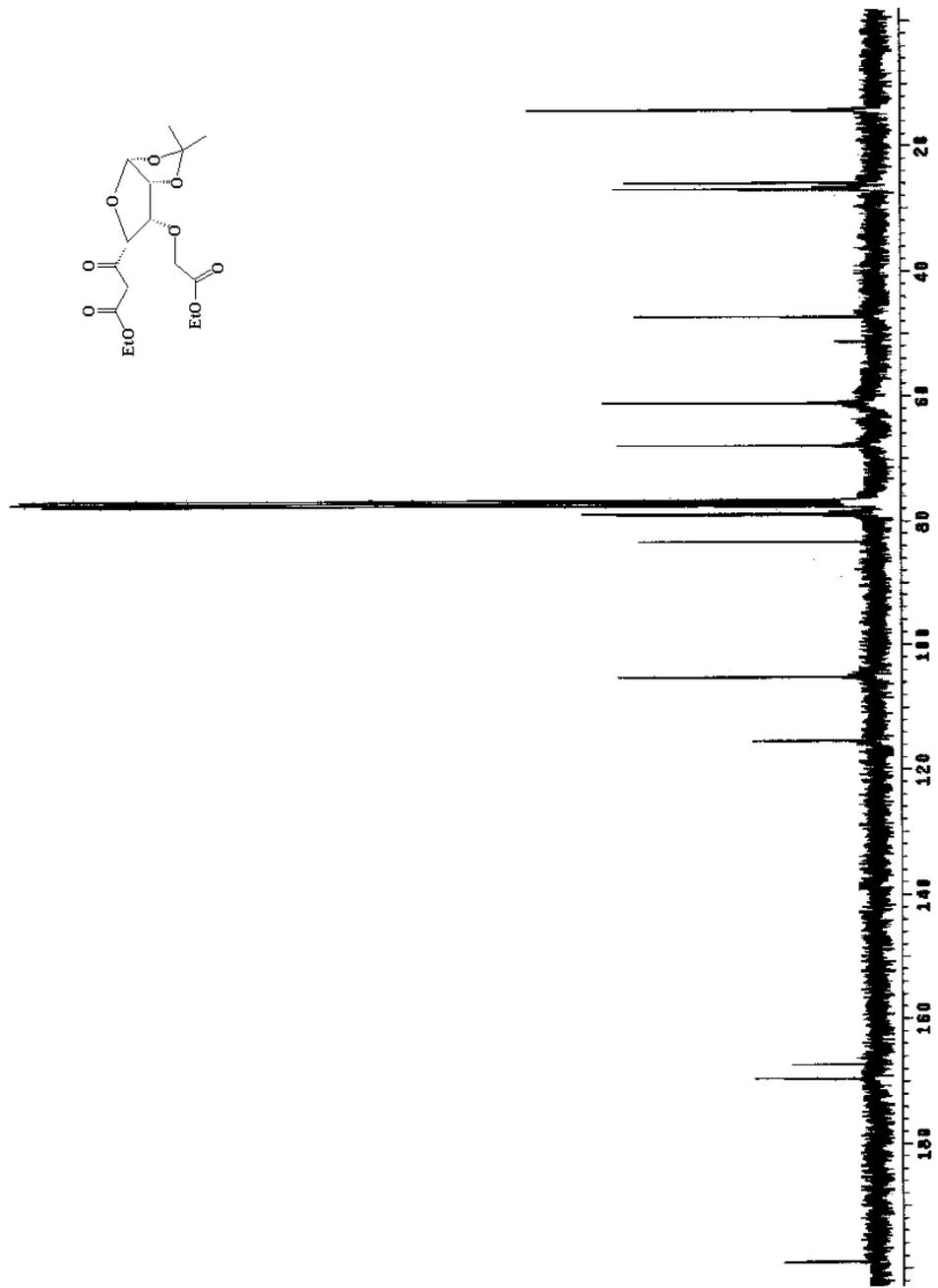


Figure 10:  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$ ) spectrum of compound 5

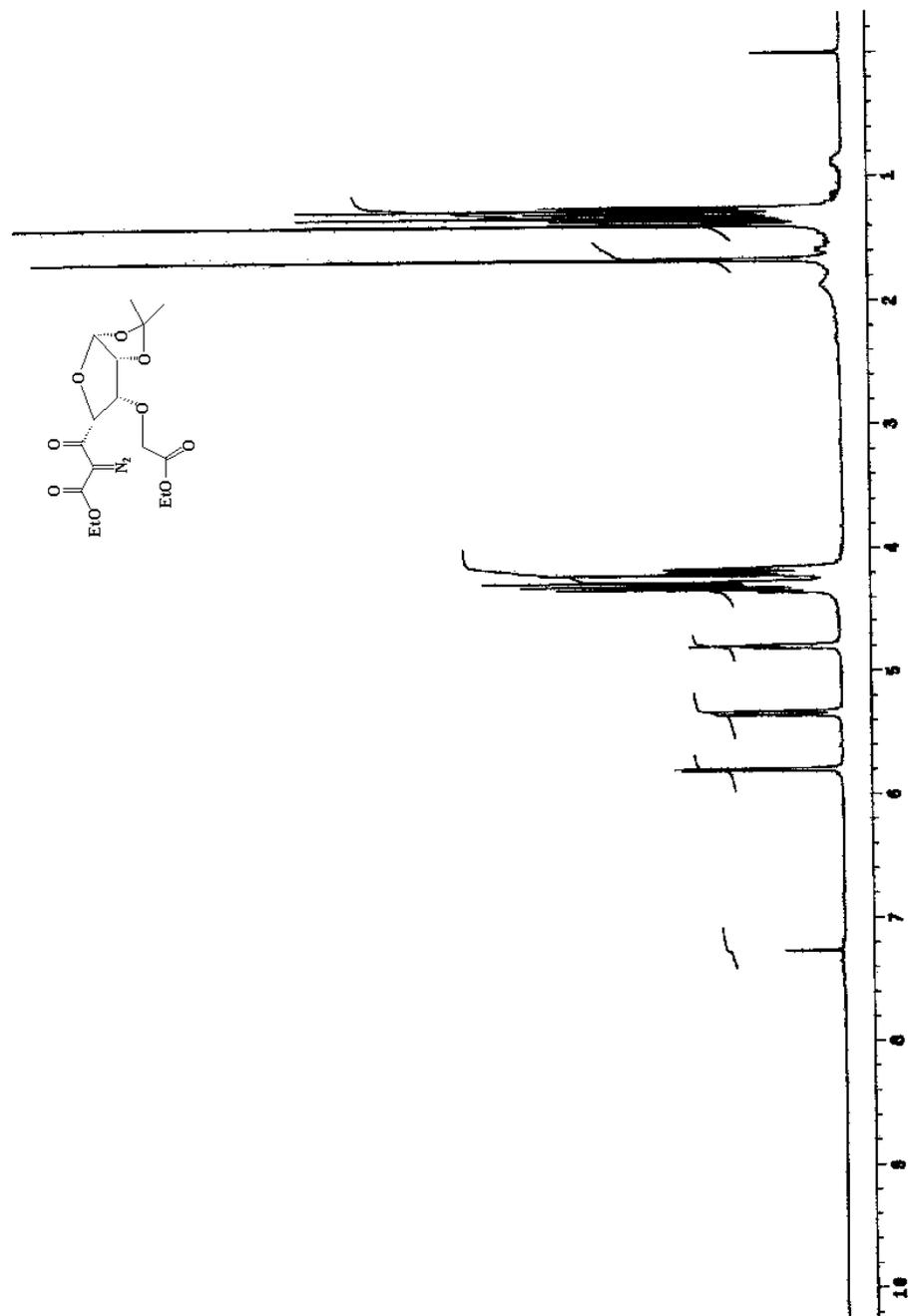


Figure 11:  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$ ) spectrum of compound 6

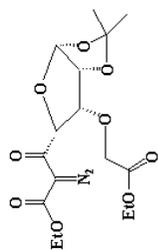


Figure 12:  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$ ) spectrum of compound 6

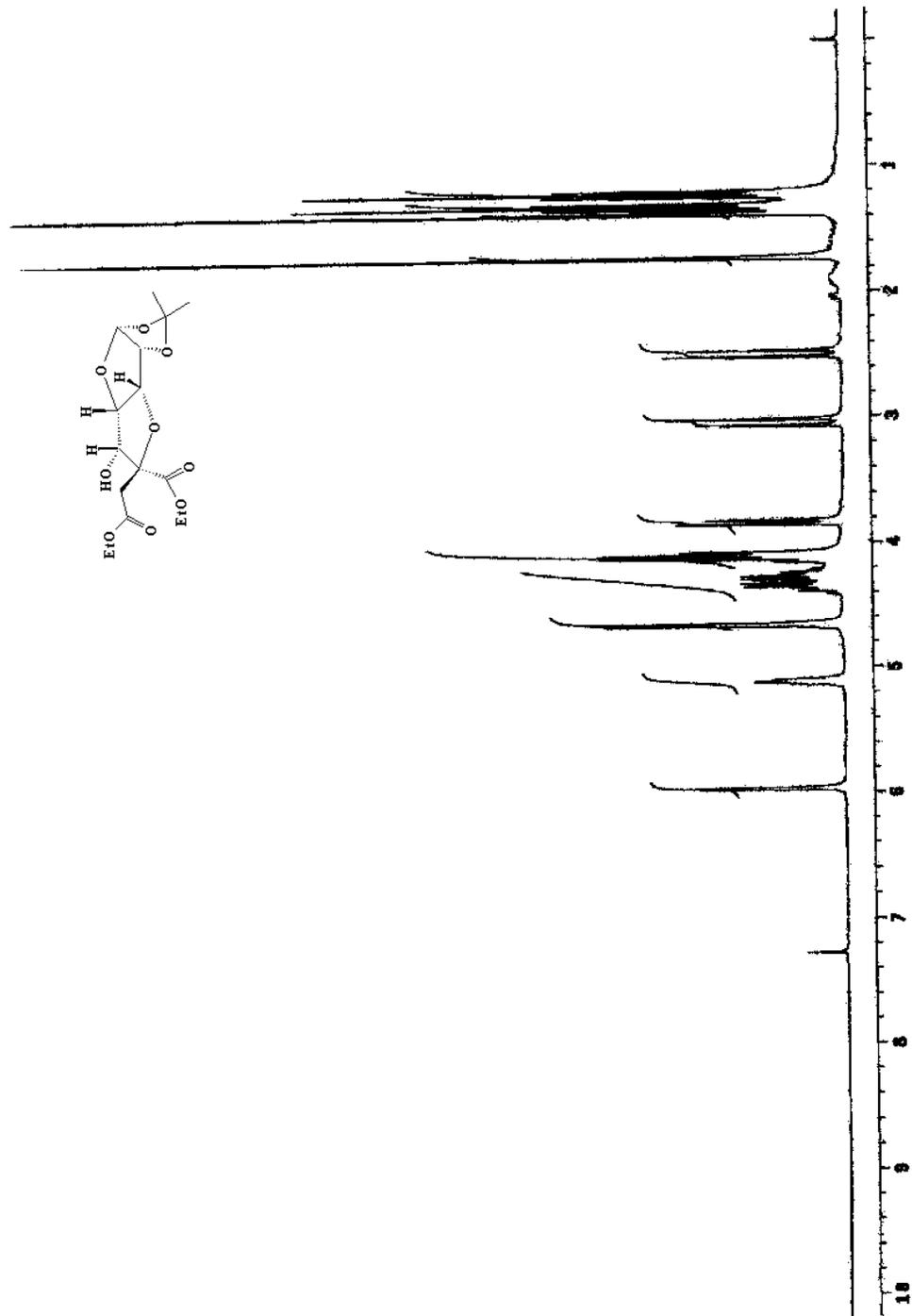


Figure 13: <sup>1</sup>H NMR (300 MHz, CDCl<sub>3</sub>) spectrum of compound 8

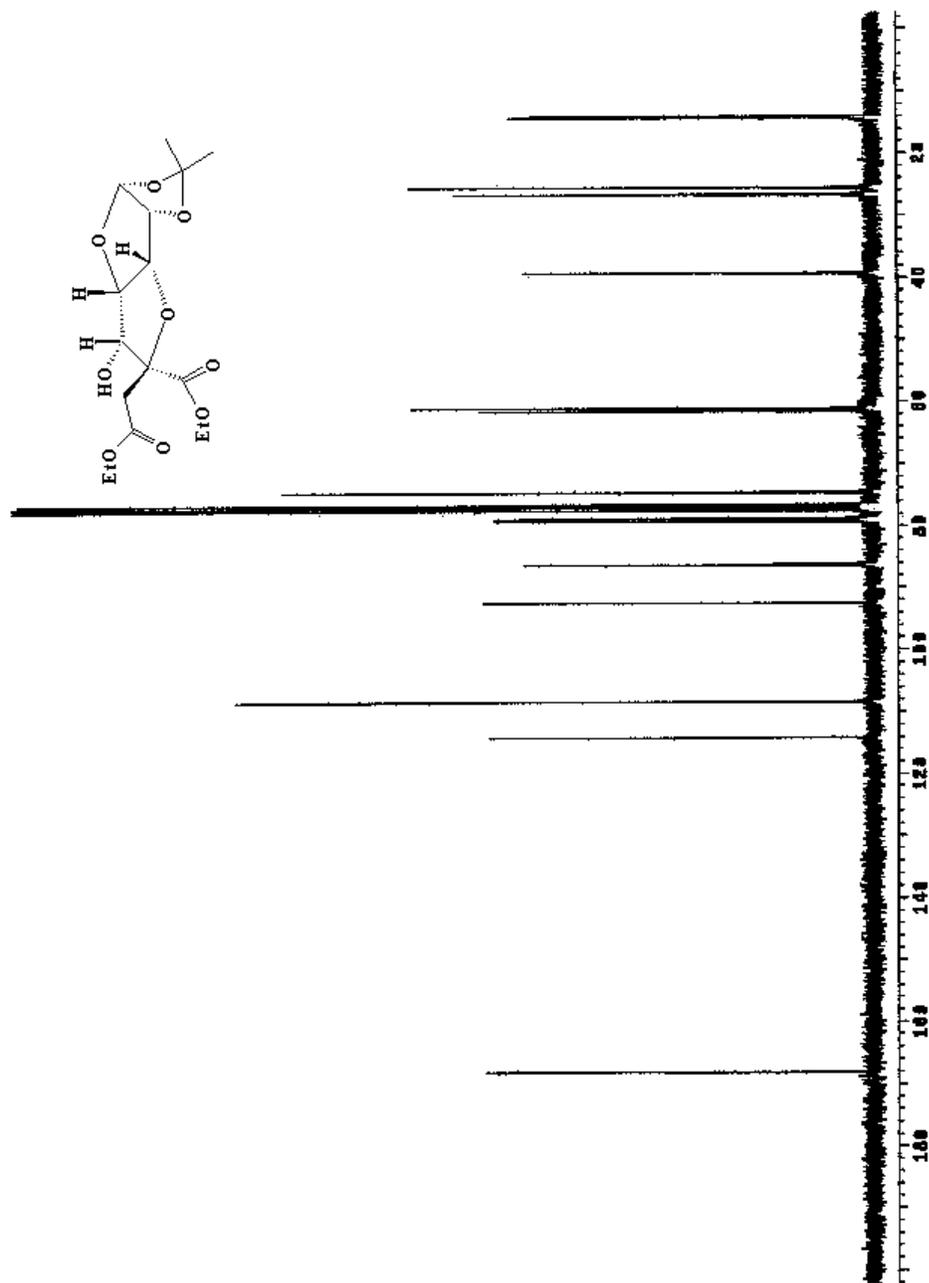


Figure 14:  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$ ) spectrum of compound 8

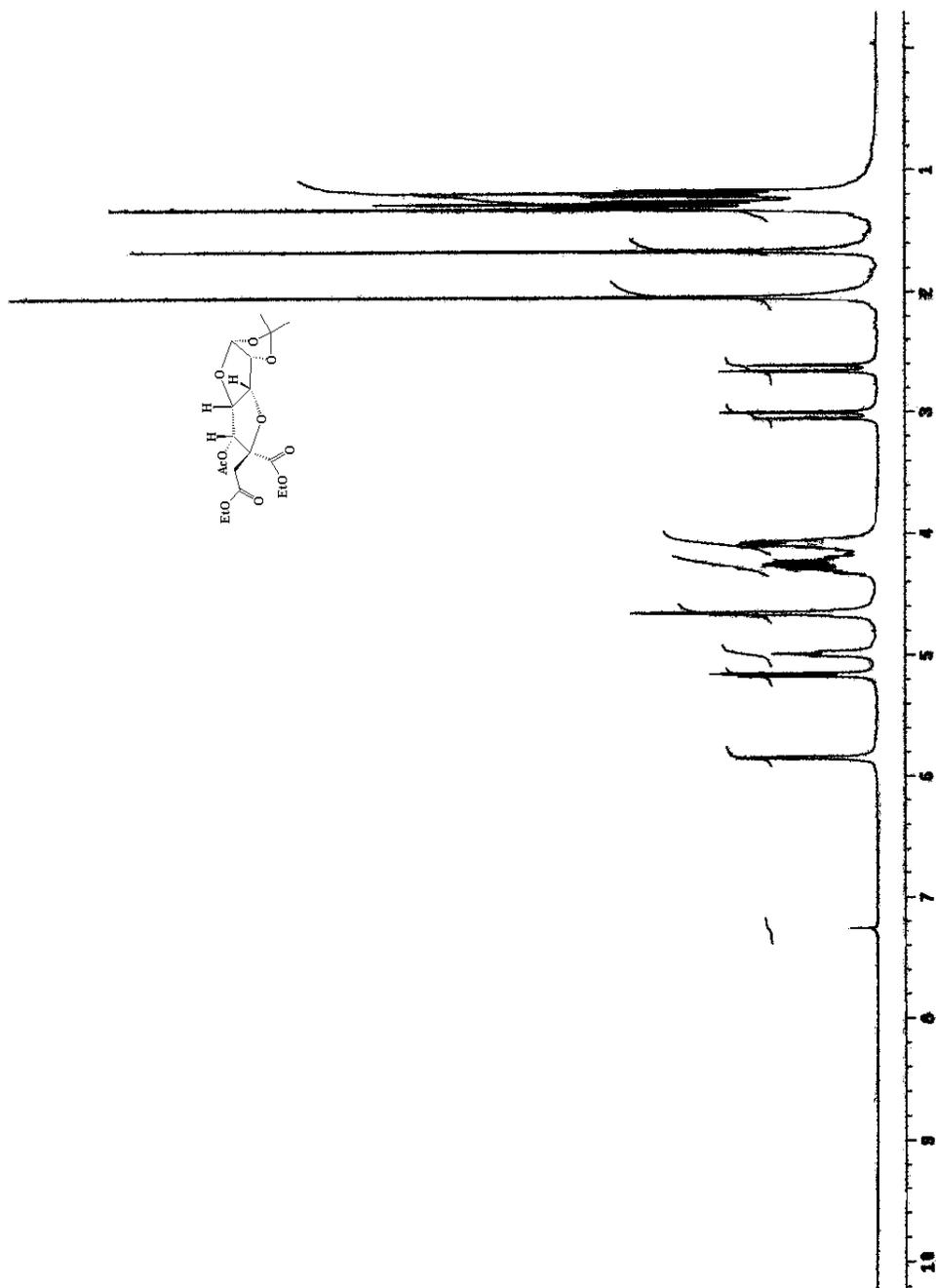


Figure 15:  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$ ) spectrum of compound 9

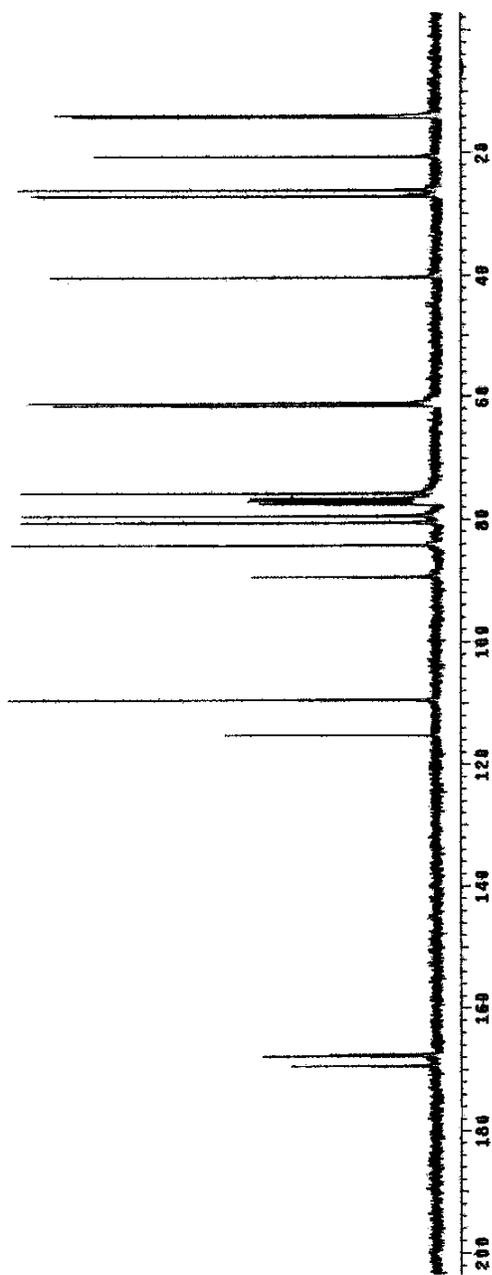
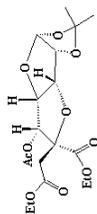


Figure 16:  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$ ) spectrum of compound 9



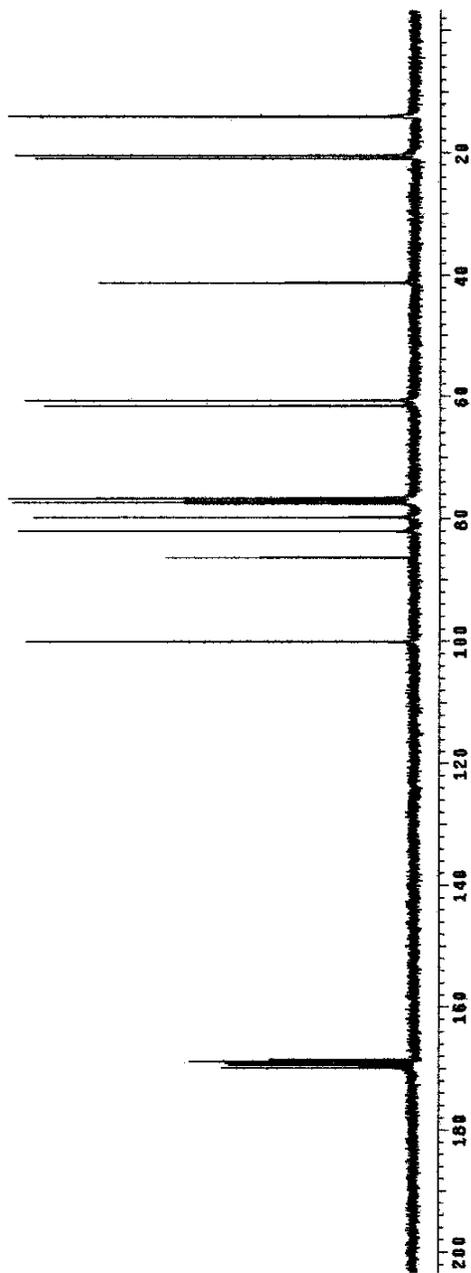
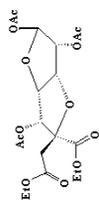


Figure 18:  $^{13}\text{C}$  NMR (75 MHz,  $\text{D}_2\text{O}$ ) spectrum of compound 10

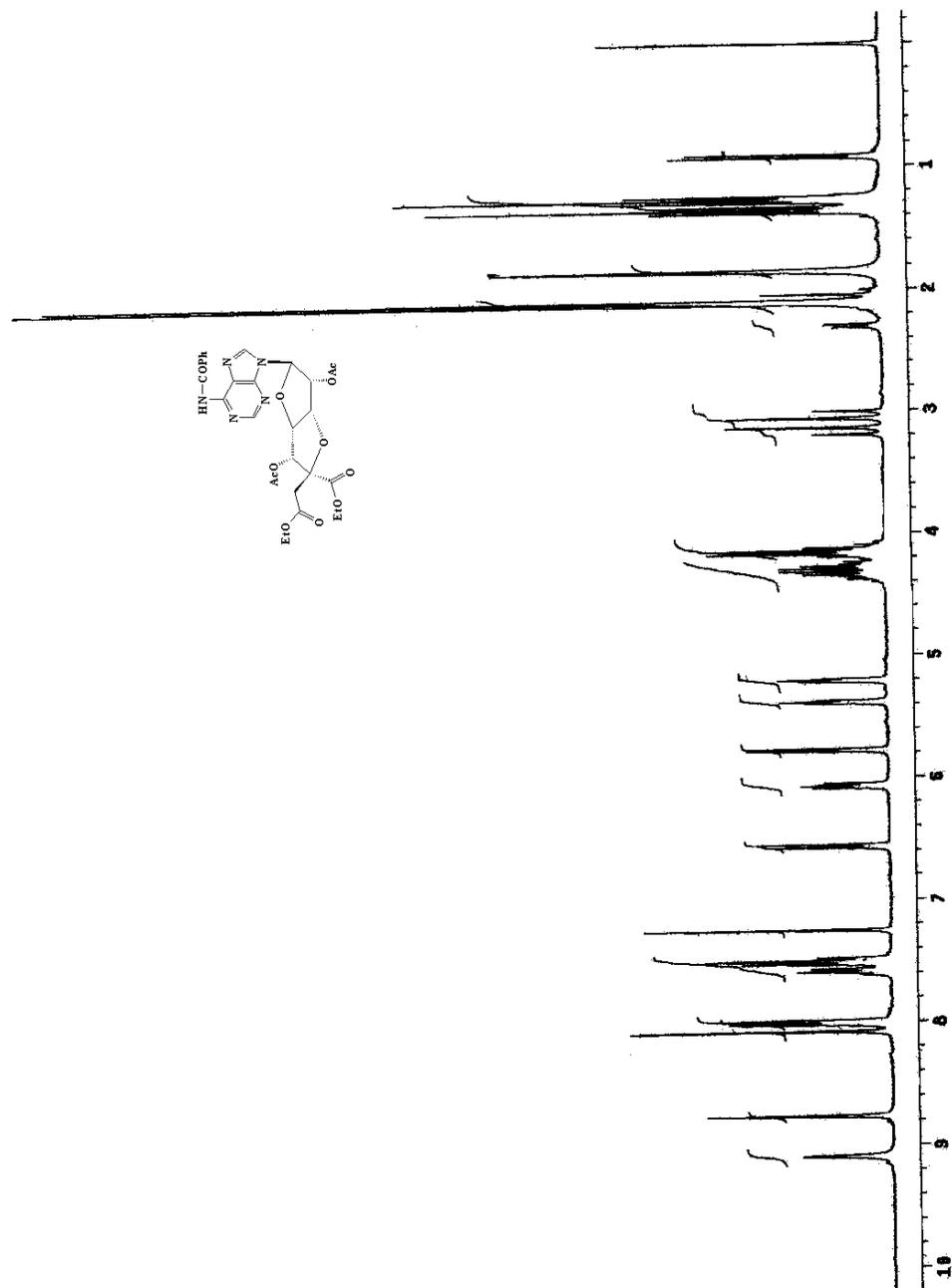


Figure 19: <sup>1</sup>H NMR (300 MHz, CDCl<sub>3</sub>) spectrum of compound 11

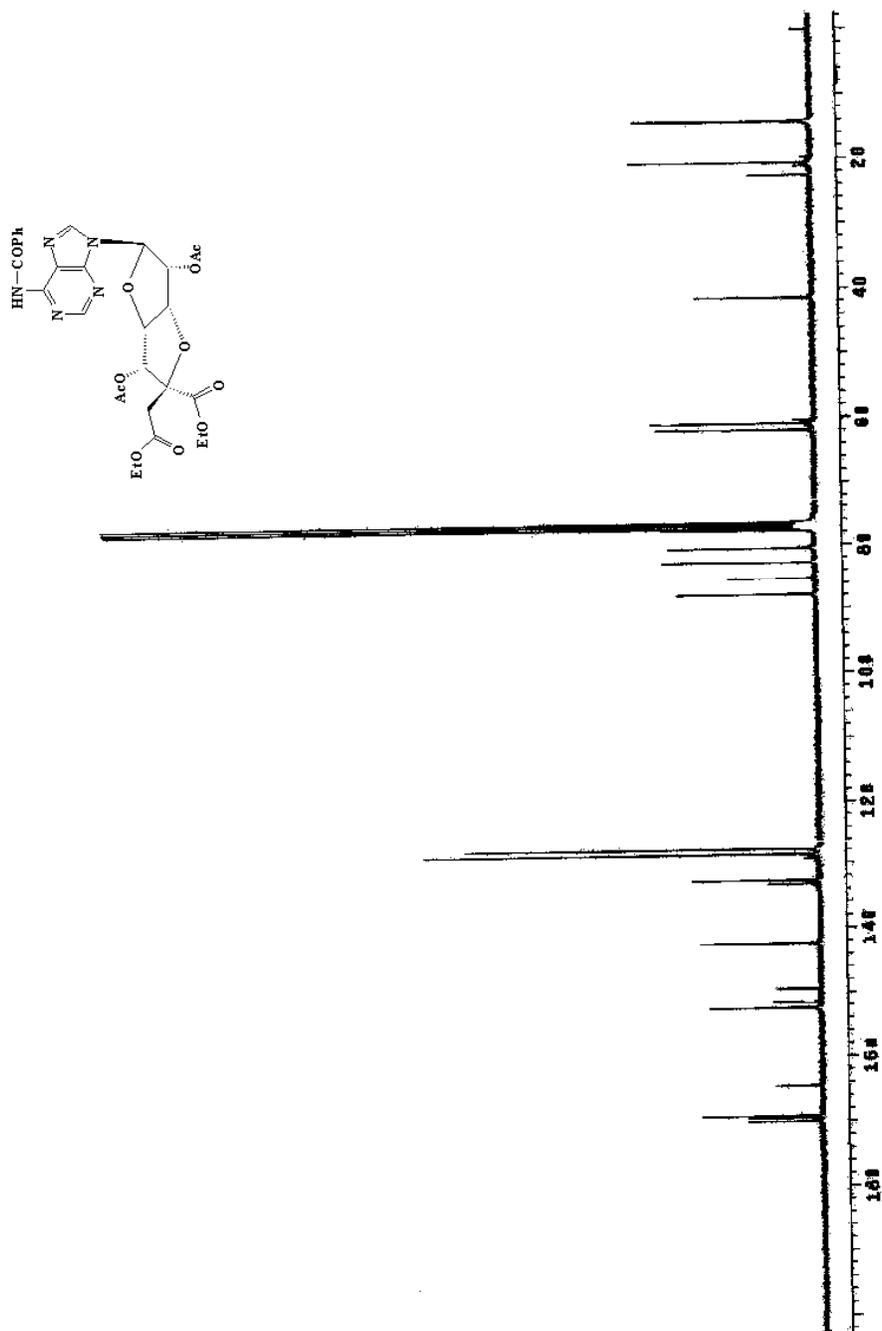


Figure 20: <sup>13</sup>C NMR (75 MHz, CDCl<sub>3</sub>) spectrum of compound 11

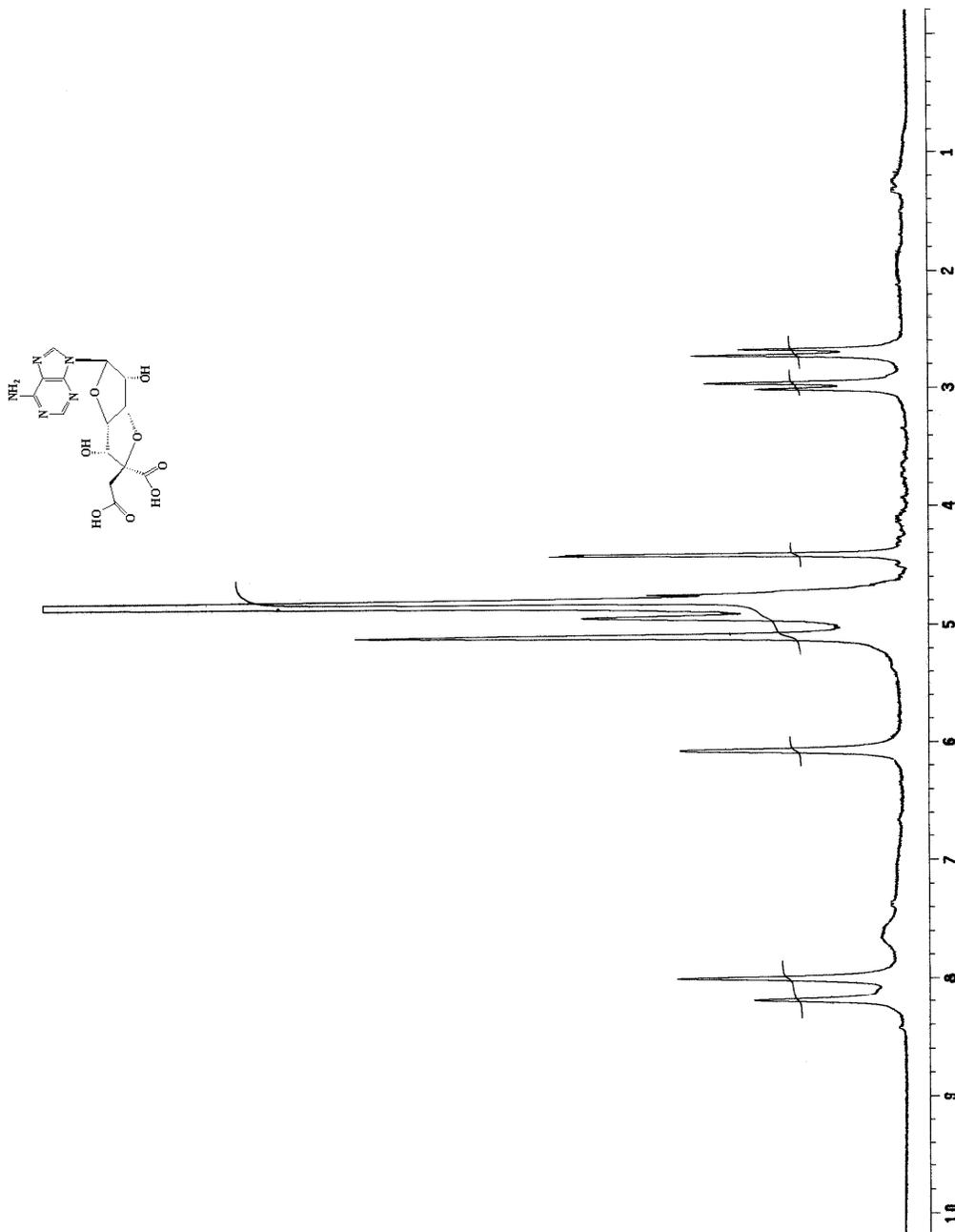


Figure 21:  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$ ) spectrum of compound 1e

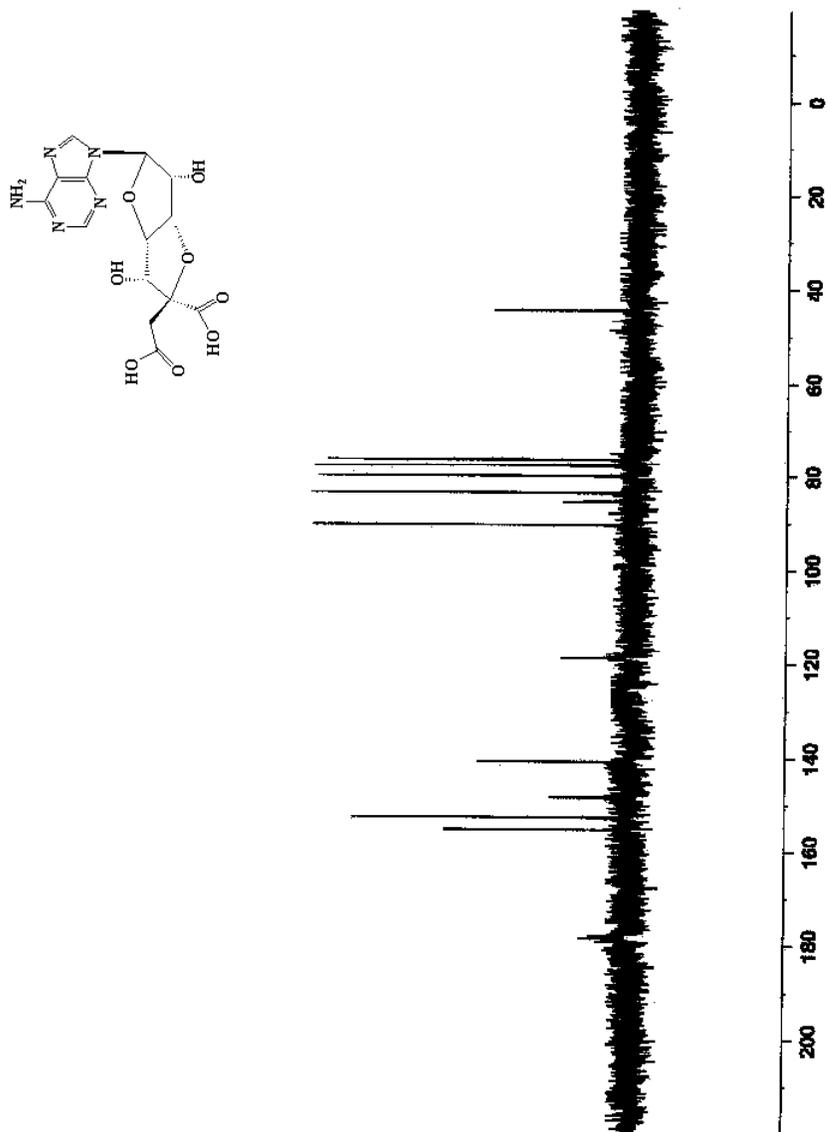


Figure 22:  $^{13}\text{C}$  NMR (75 MHz,  $\text{D}_2\text{O}$ ) spectrum of compound 1e