

## Supplementary Material

### Some Products from C=O Condensations of Quinacridones

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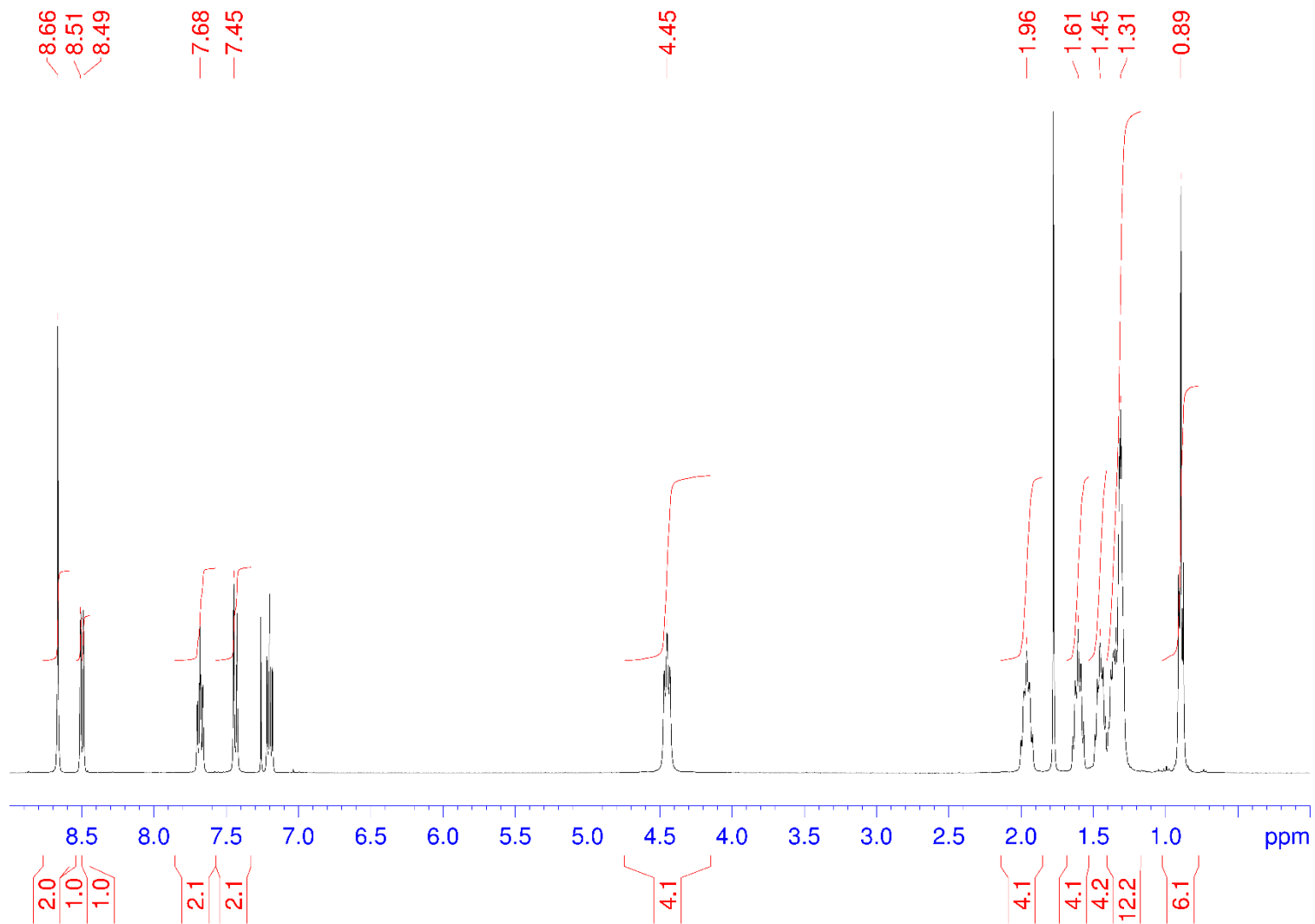
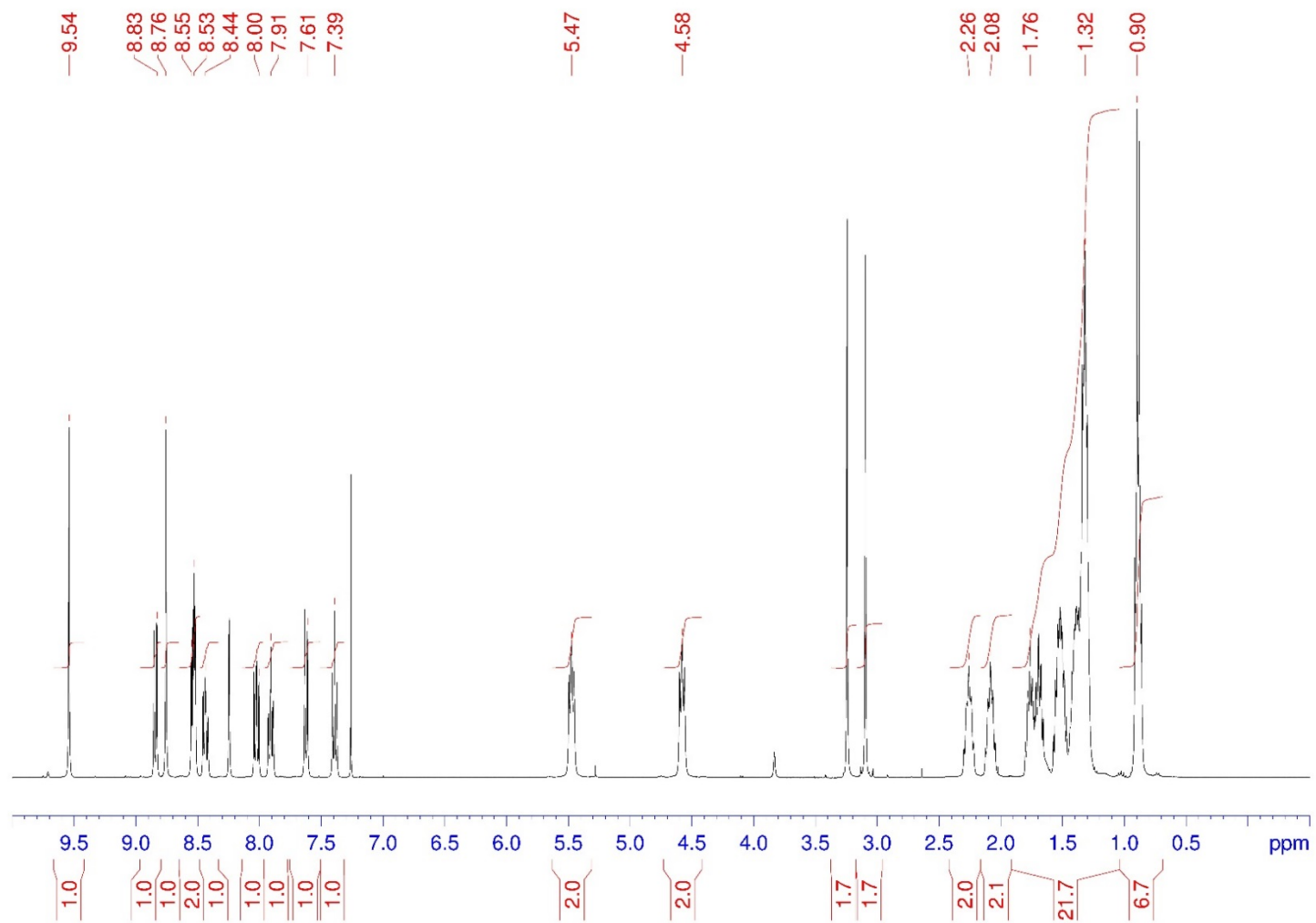
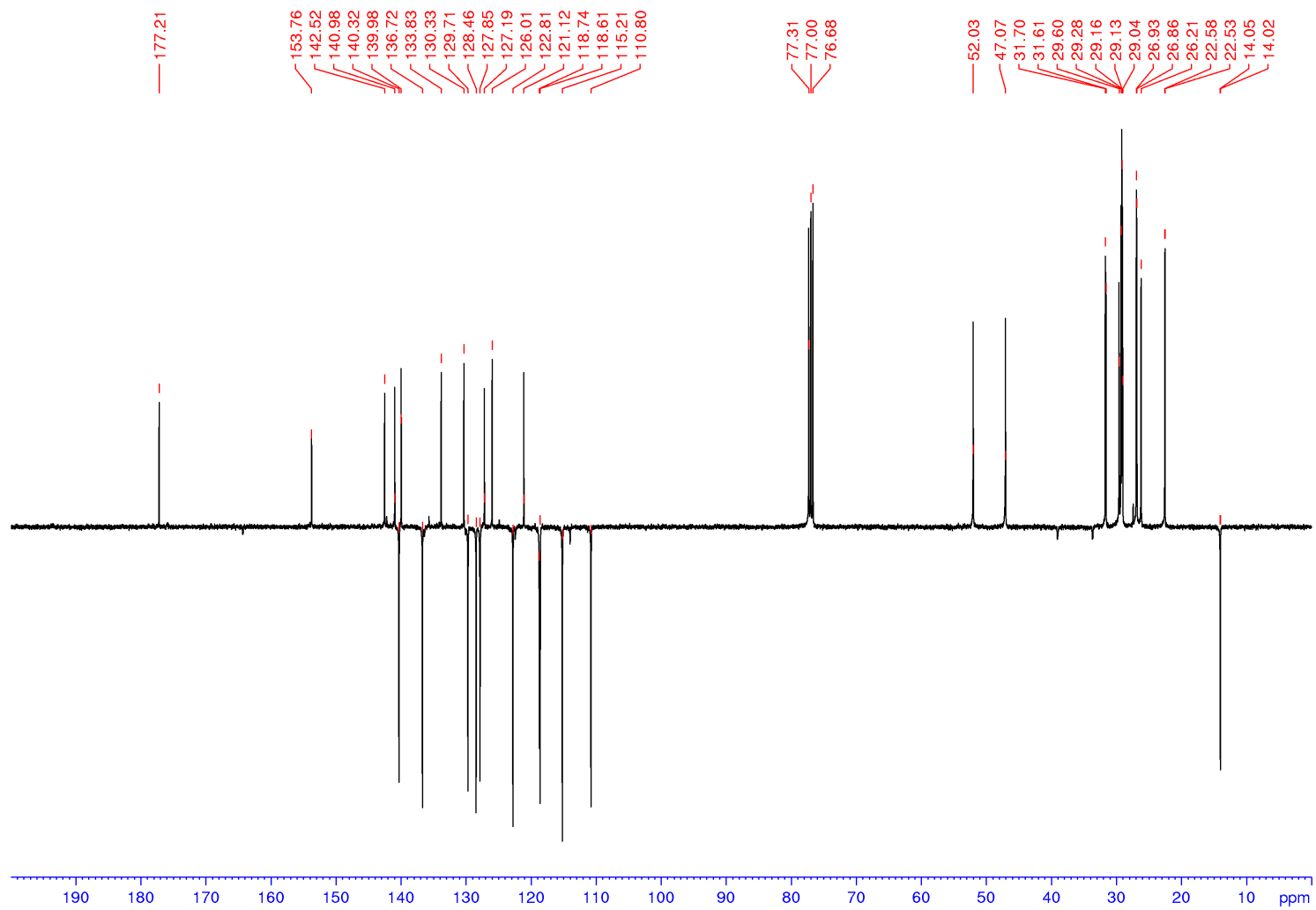


Figure S1.  $^1\text{H}$  NMR spectrum of **1b**.



**Figure S2.**  $^1\text{H}$  NMR spectrum of Intermediate A. Peaks at 8.25, 3.24 and 3.11 ppm due to residual DMF.



**Figure S3.**  $^{13}\text{C}$  NMR spectrum of Intermediate A.

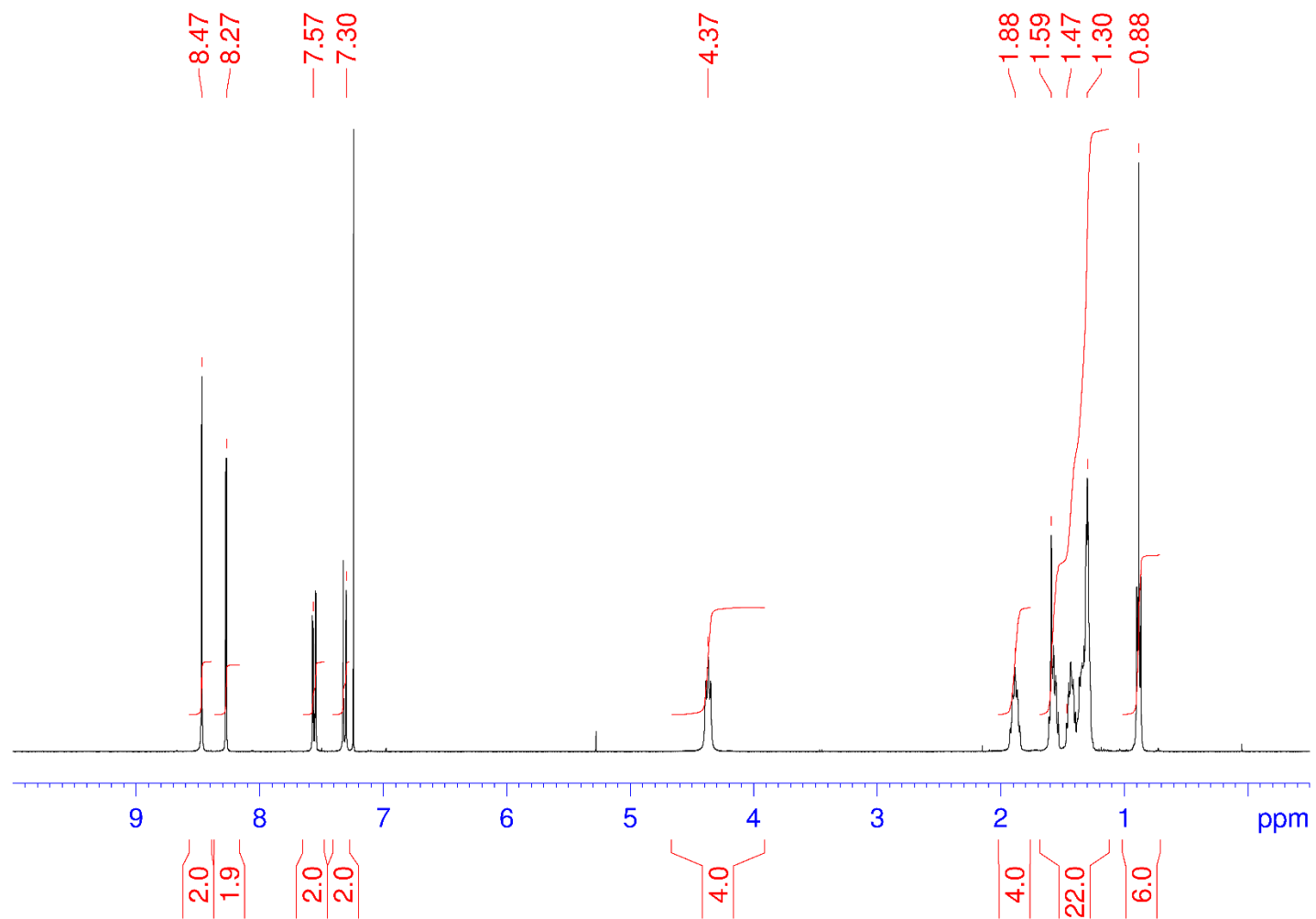
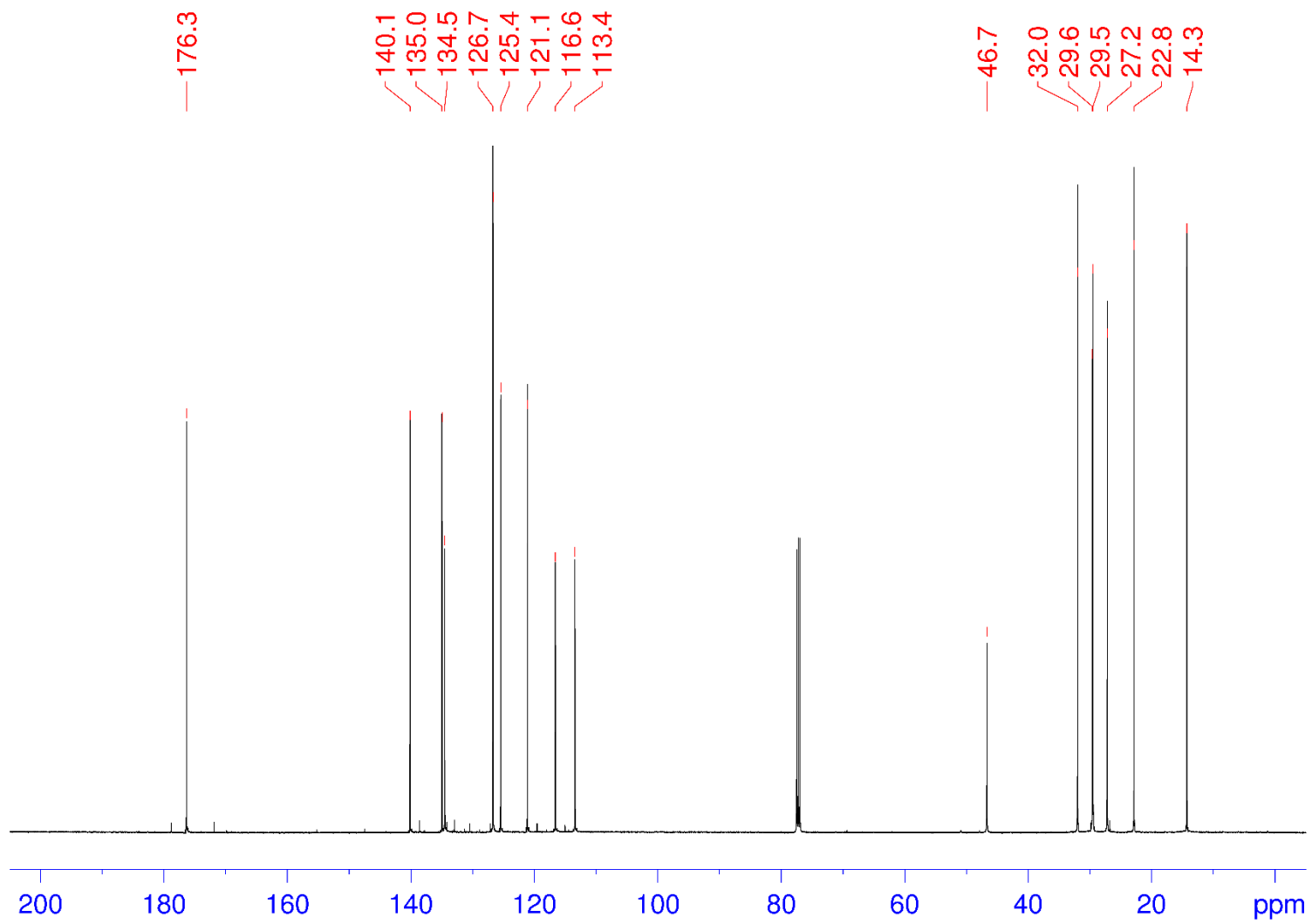
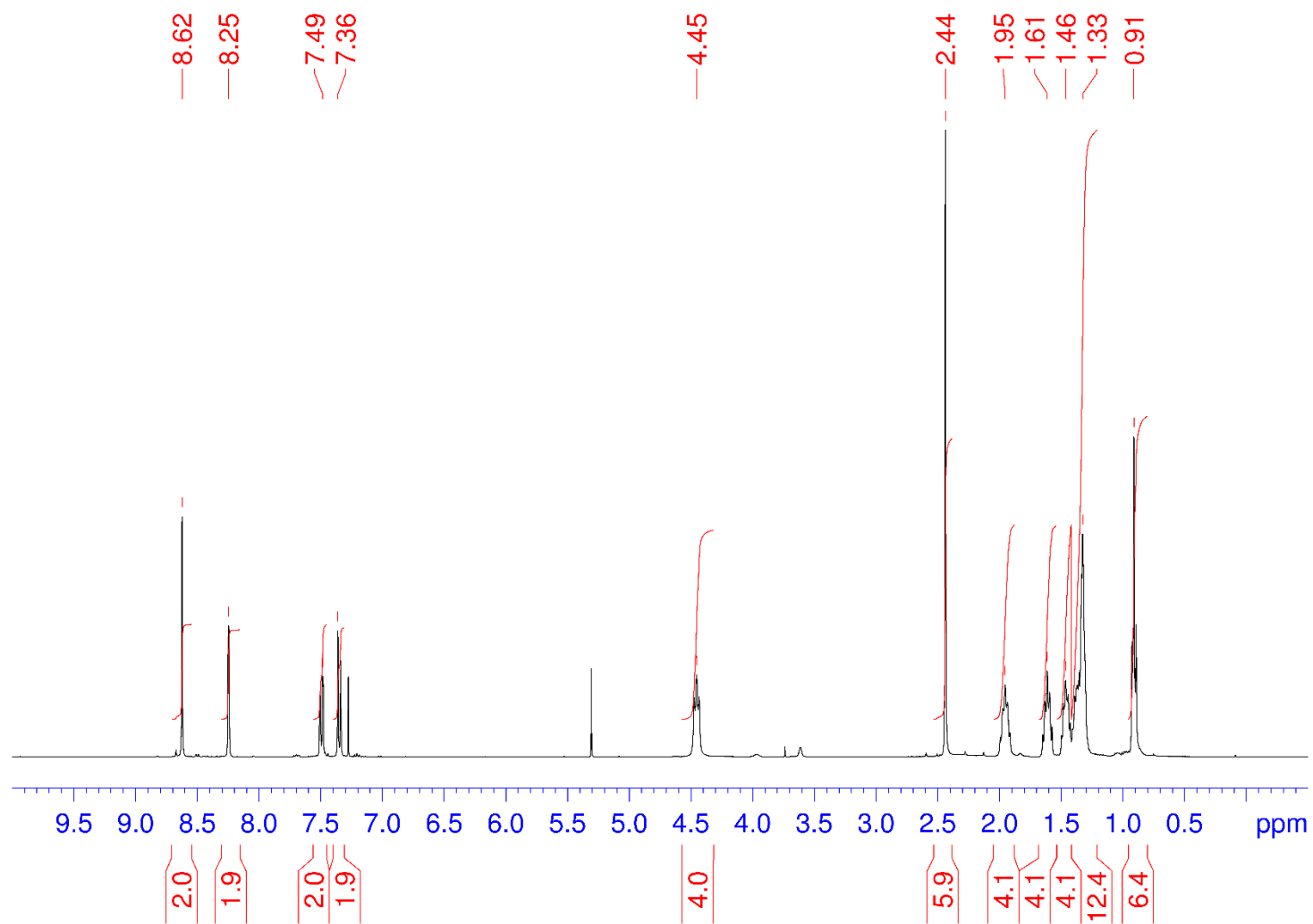


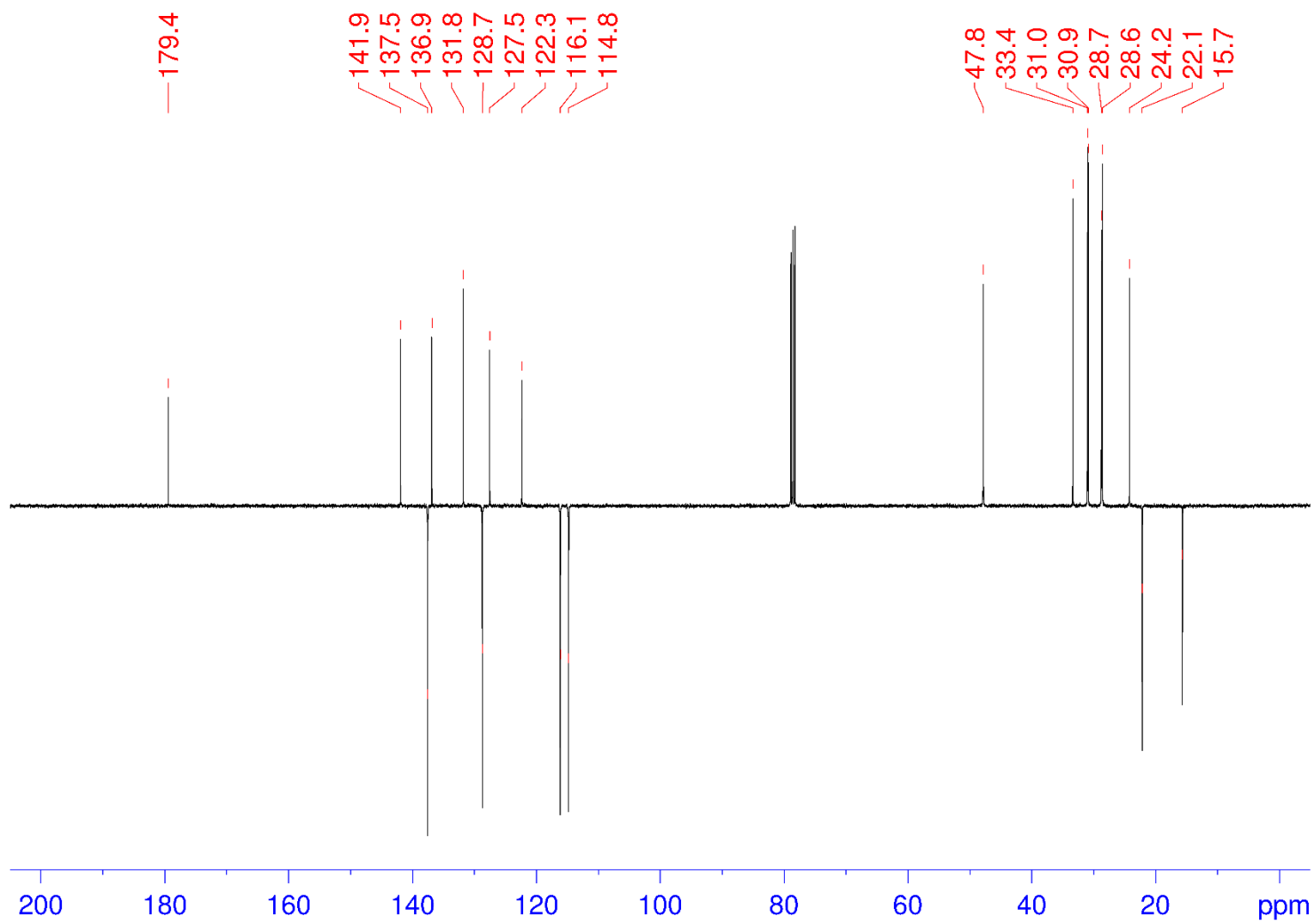
Figure S4. a)  $^1\text{H}$  NMR spectrum of **1d**.



**Figure S5.**  $^{13}\text{C}$  NMR spectrum of **1d**.



**Figure S6.**  $^1\text{H}$  NMR spectrum of **1f**. Peak at 5.35 ppm is residual DCM.



**Figure S7.** <sup>13</sup>C NMR spectrum of **1f**.



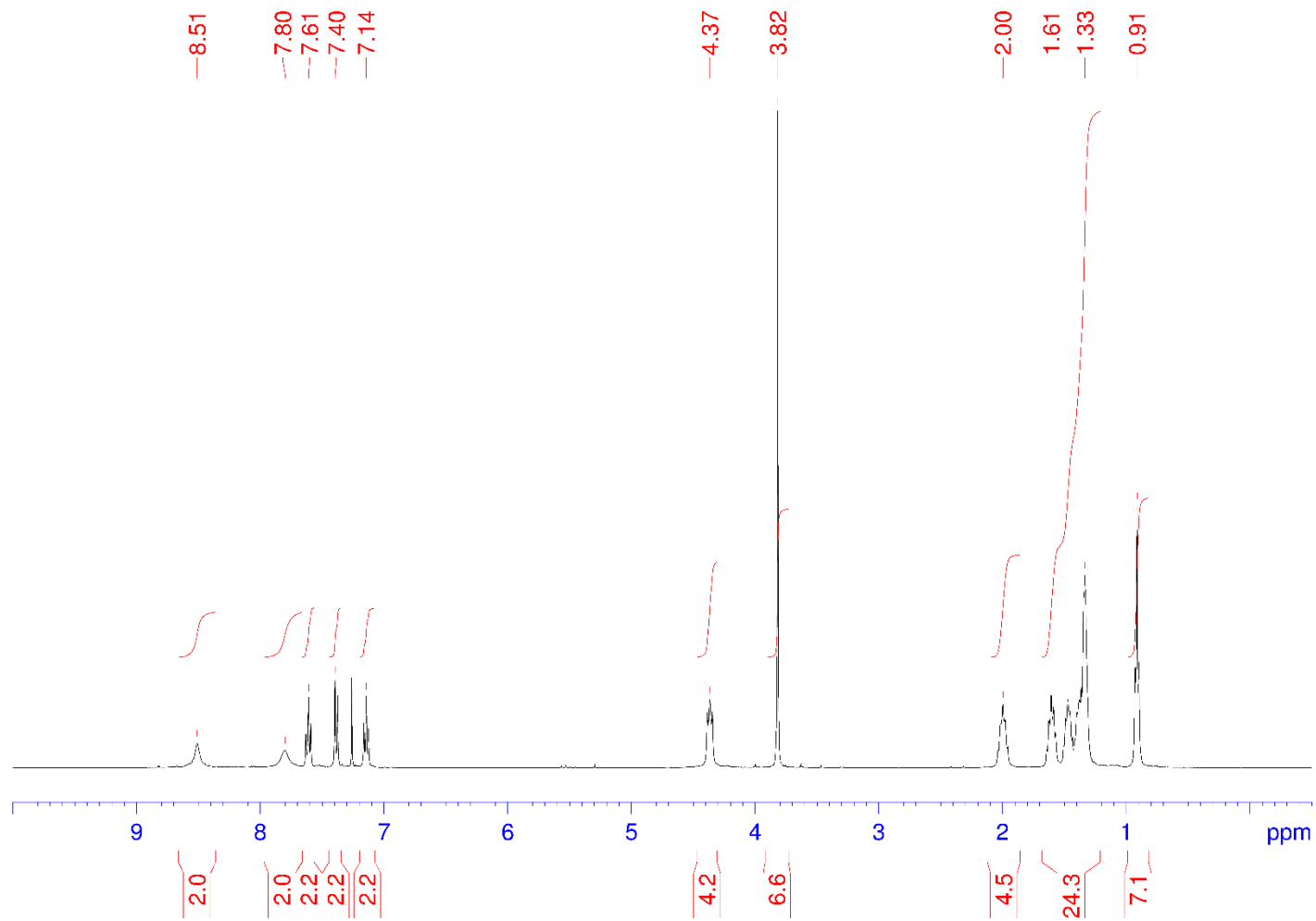


Figure S8.  $^1\text{H}$  NMR spectrum of 2a.

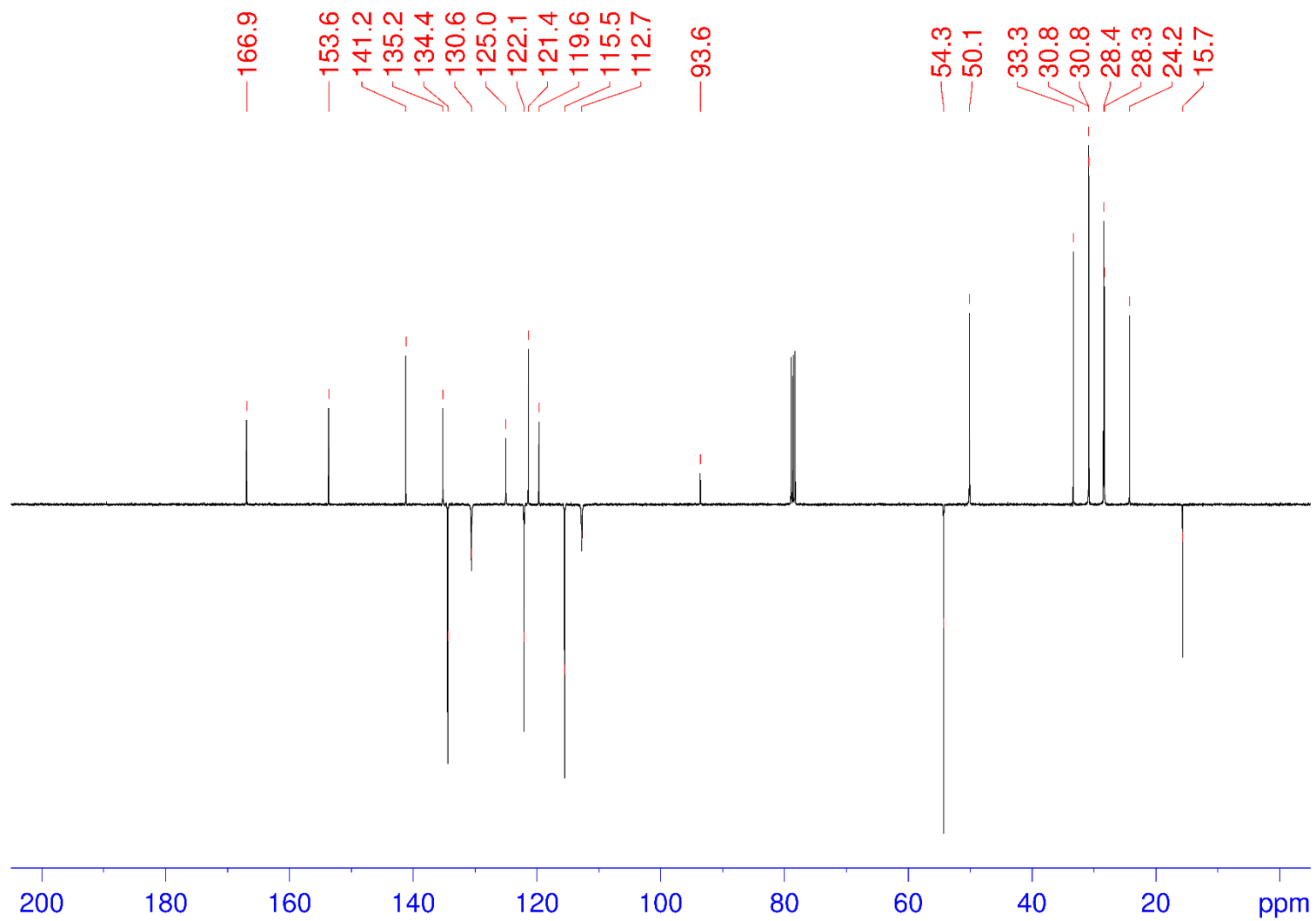
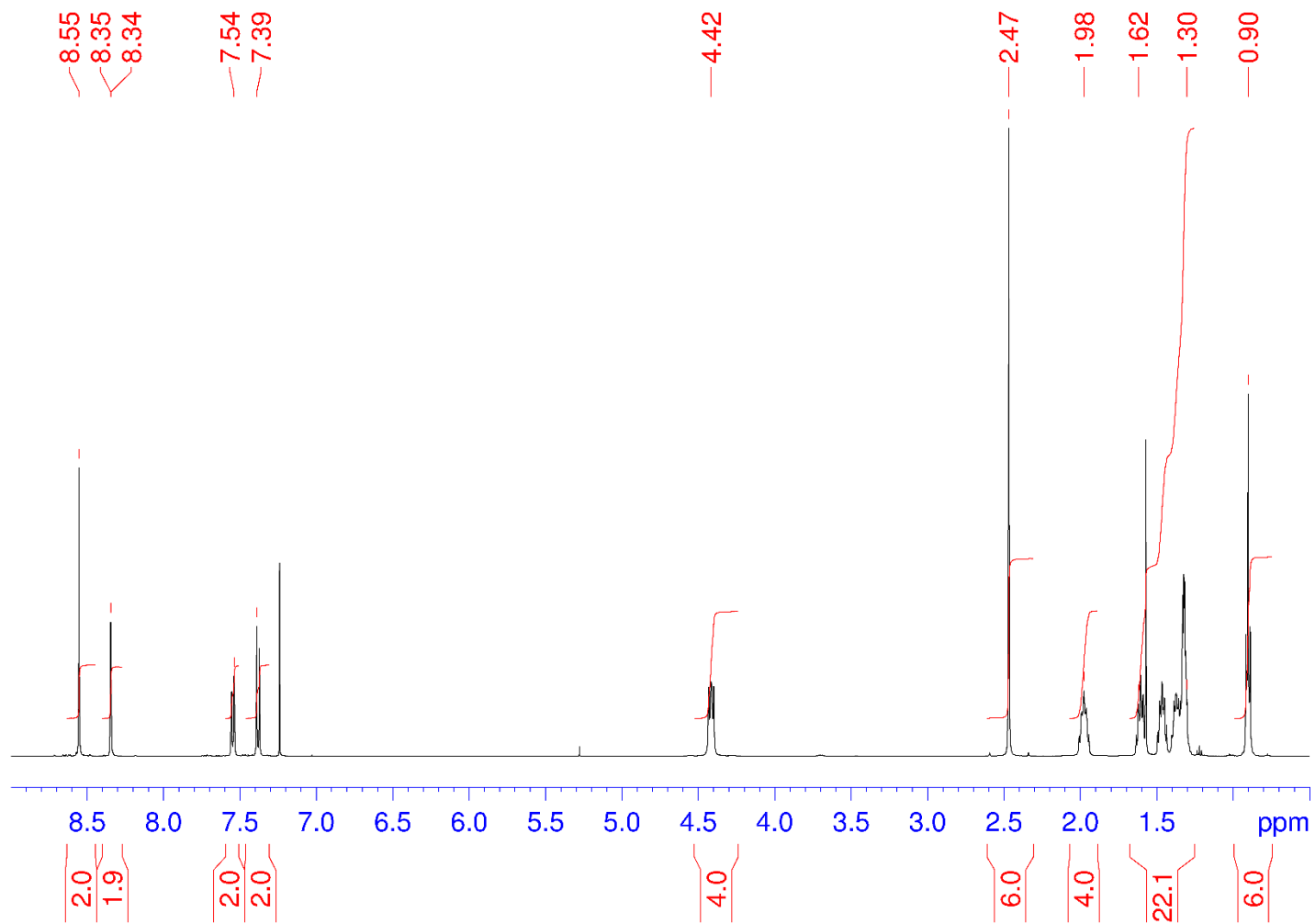
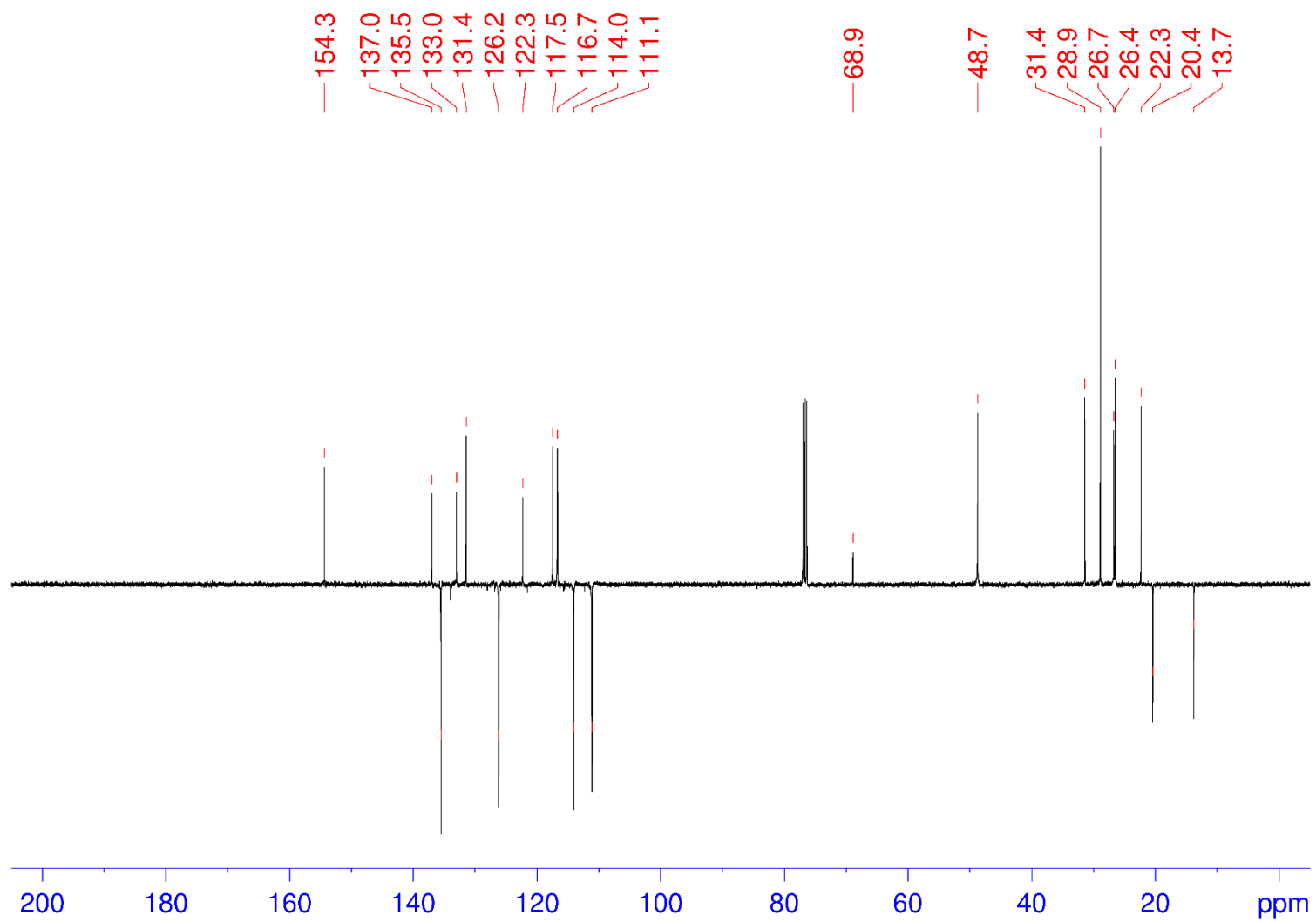


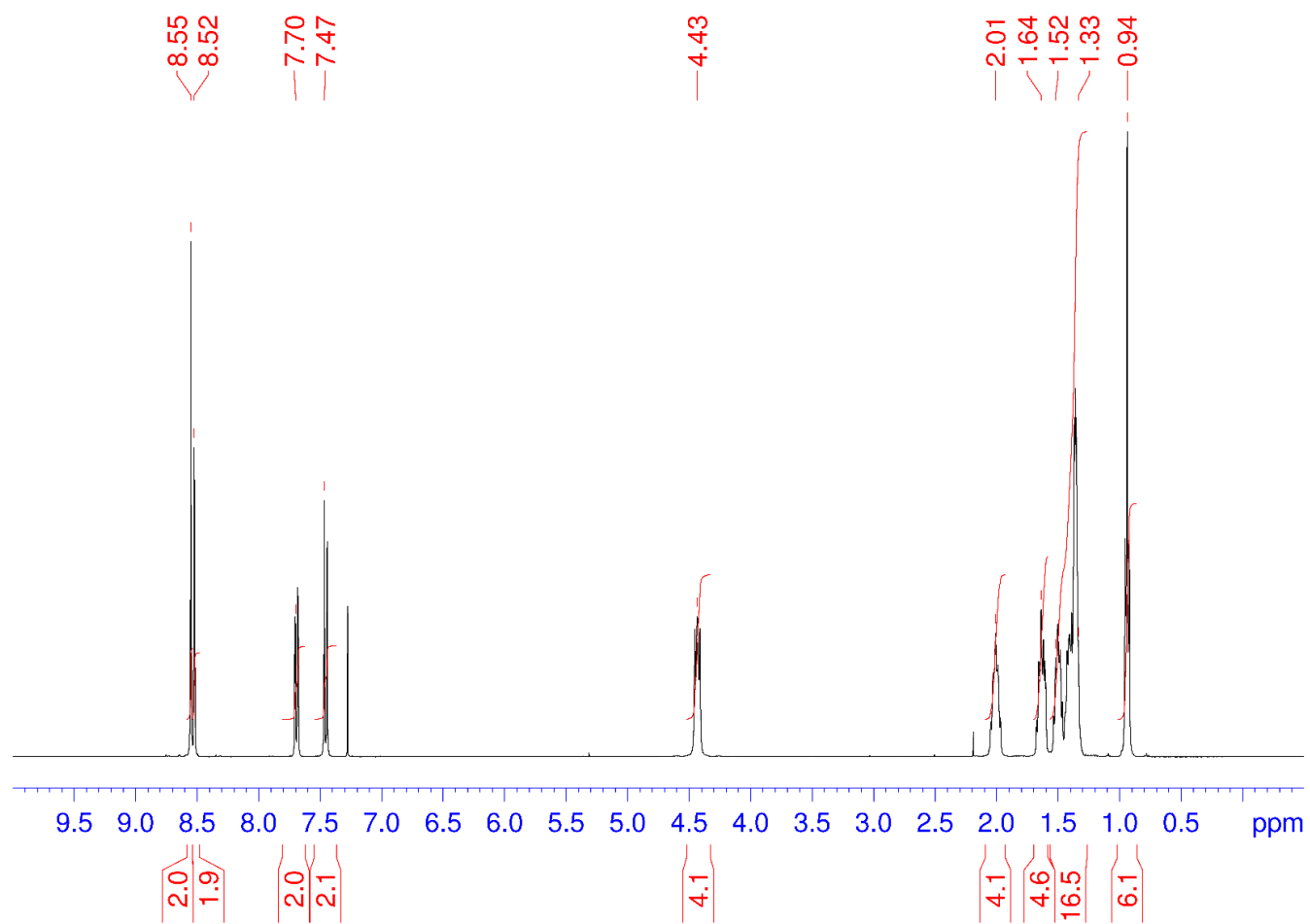
Figure S9.  $^{13}\text{C}$  NMR spectrum of 2a.



**Figure S10.**  $^1\text{H}$  NMR spectrum of **2b**.



**Figure S11.**  $^{13}\text{C}$  NMR spectrum of **2b**.



**Figure S12.** <sup>1</sup>H NMR spectrum of 2c.

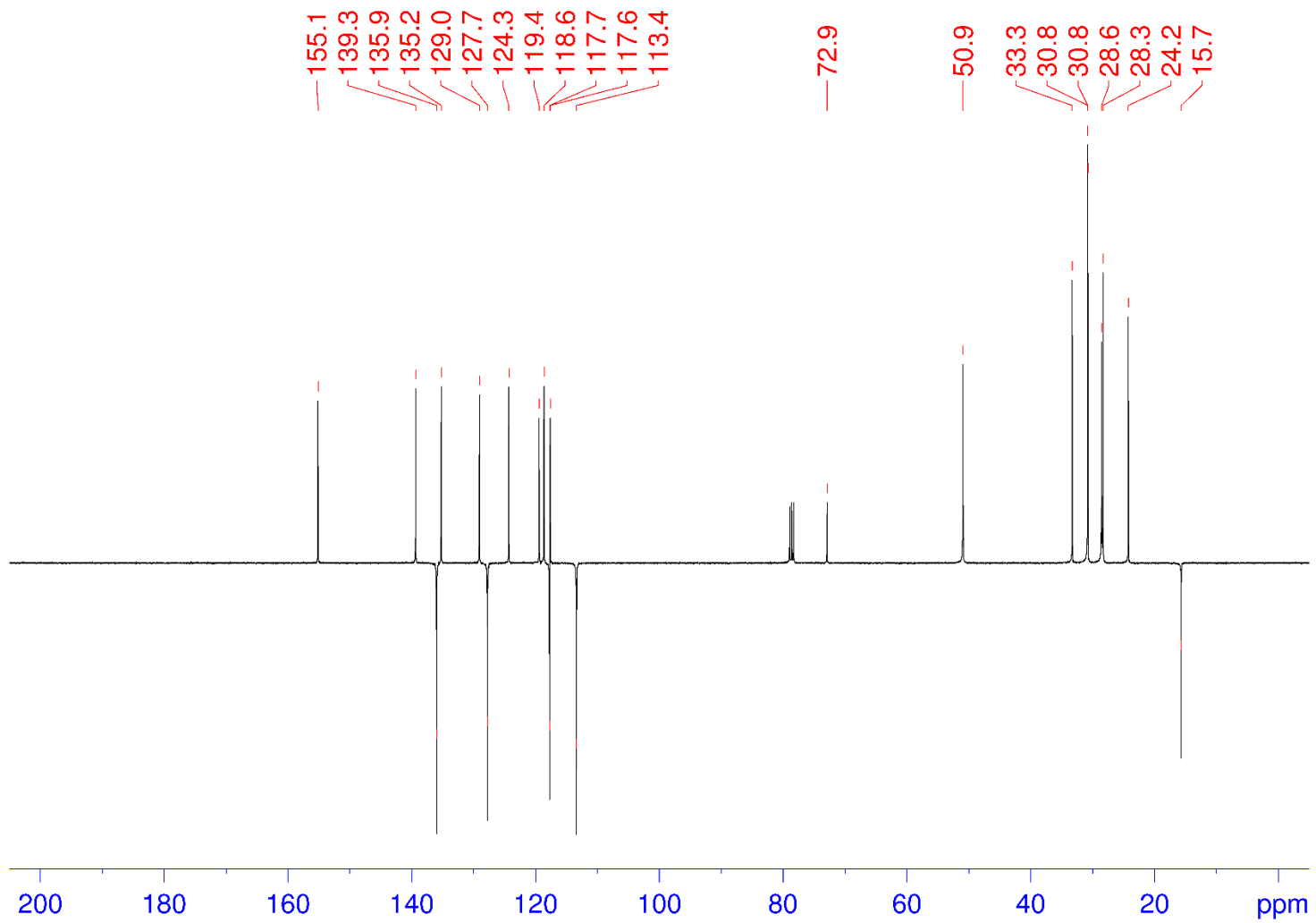
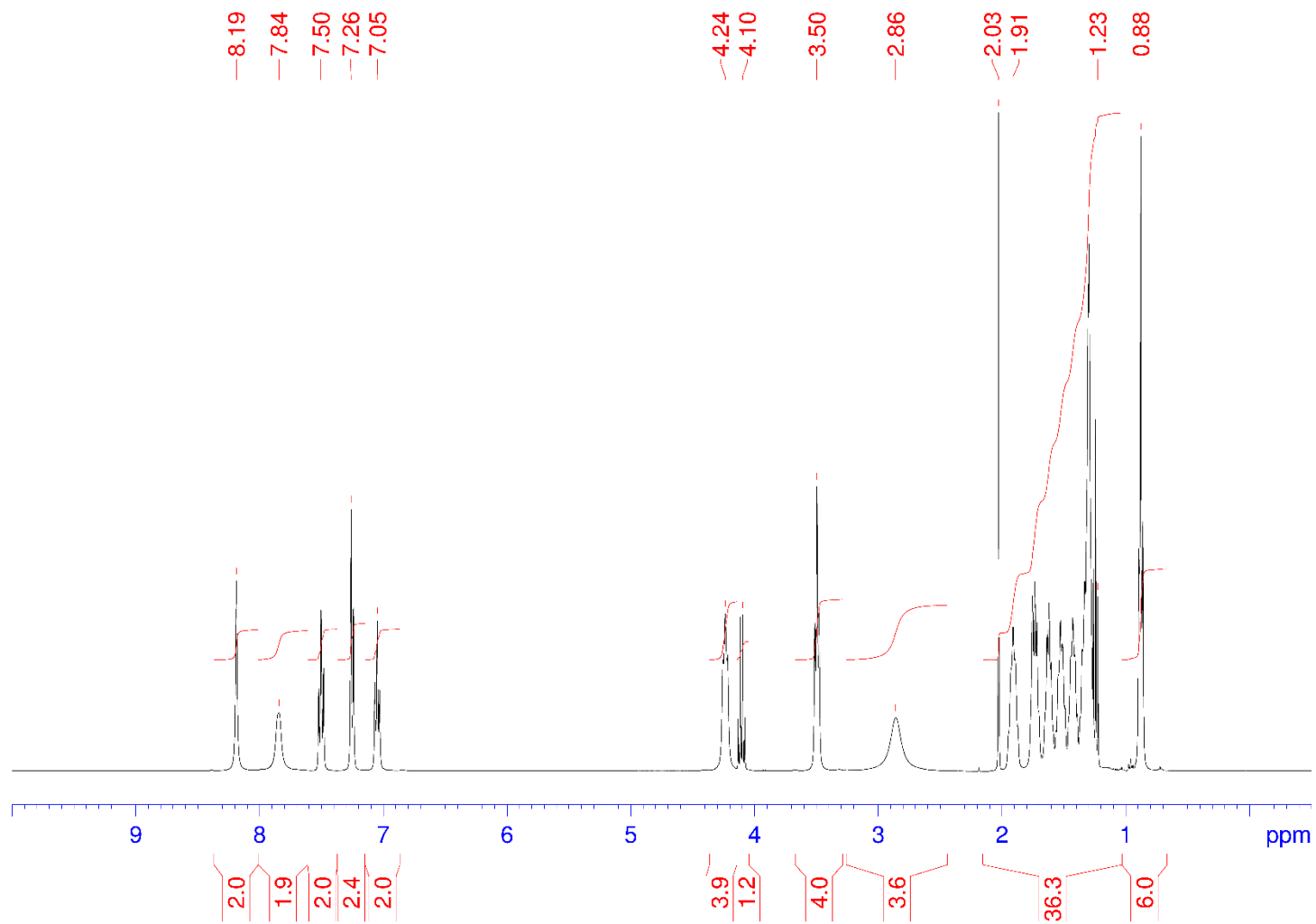
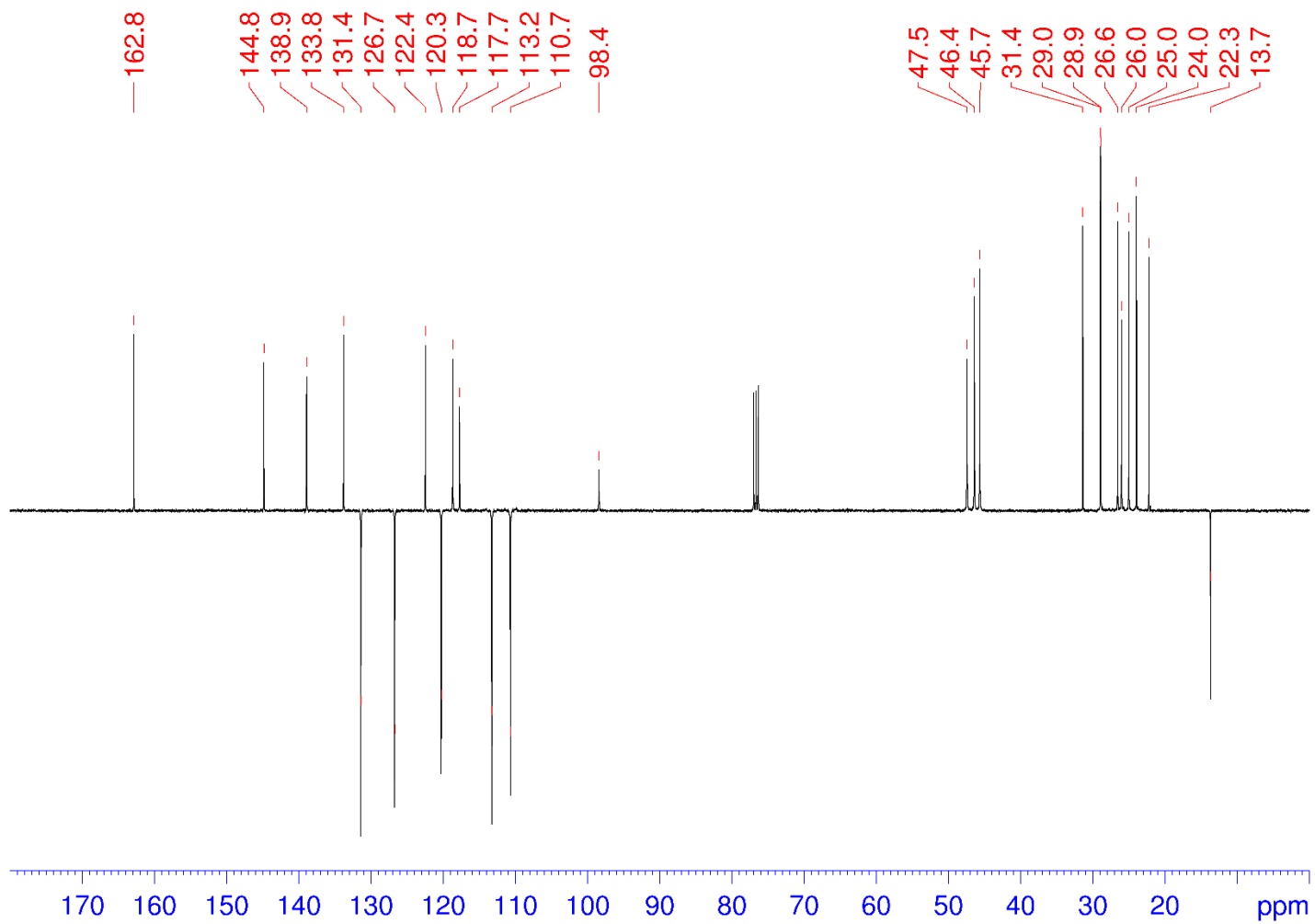


Figure S13. <sup>13</sup>C NMR spectrum of 2c.



**Figure S14.** <sup>1</sup>H NMR spectrum of **2d**. Peaks at 2.03 and 4.10 ppm due to residual ethyl acetate, which also contributes to peak series at 1.2-1.95 ppm.



**Figure S15.** <sup>13</sup>C NMR spectrum of **2d**.



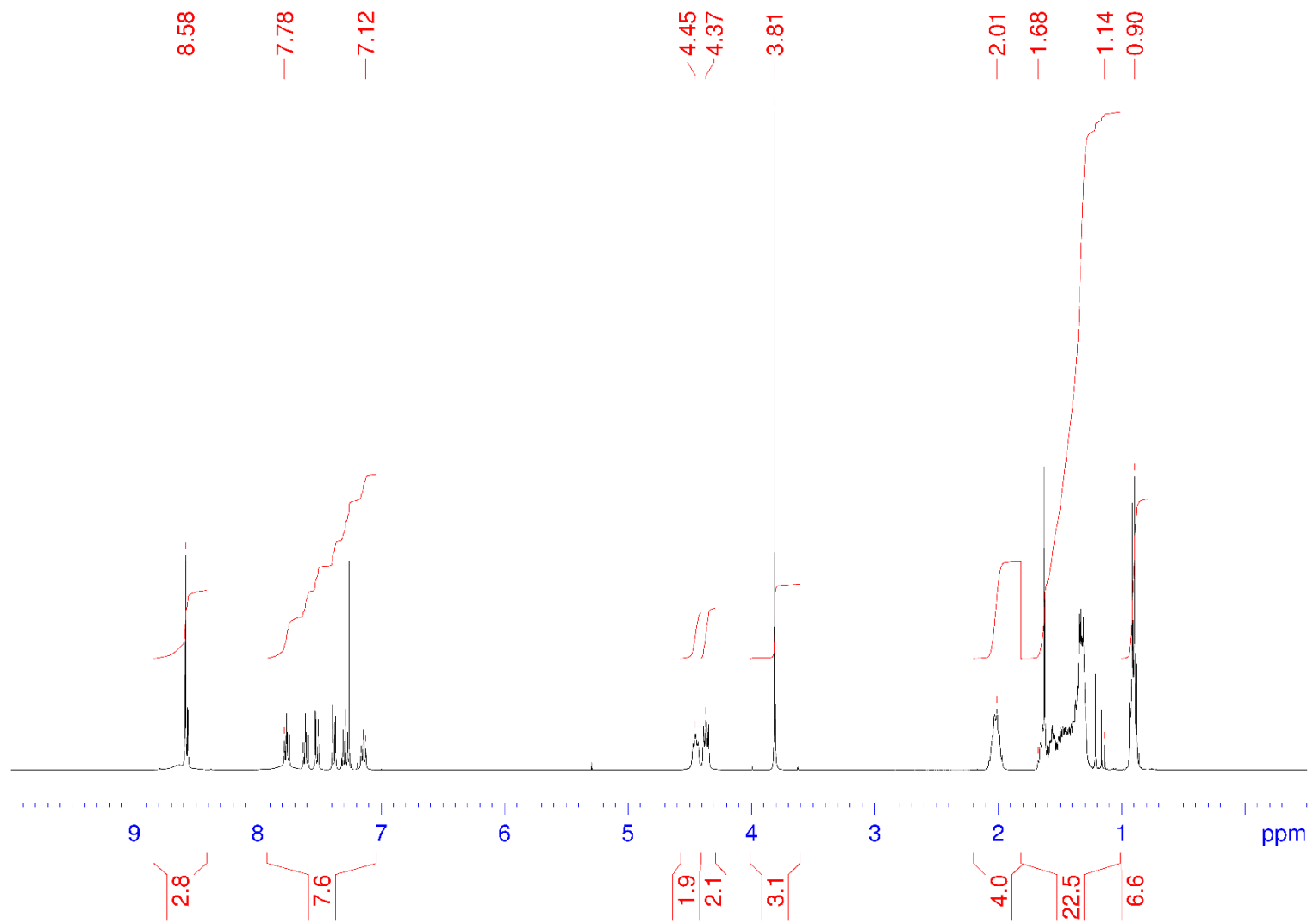
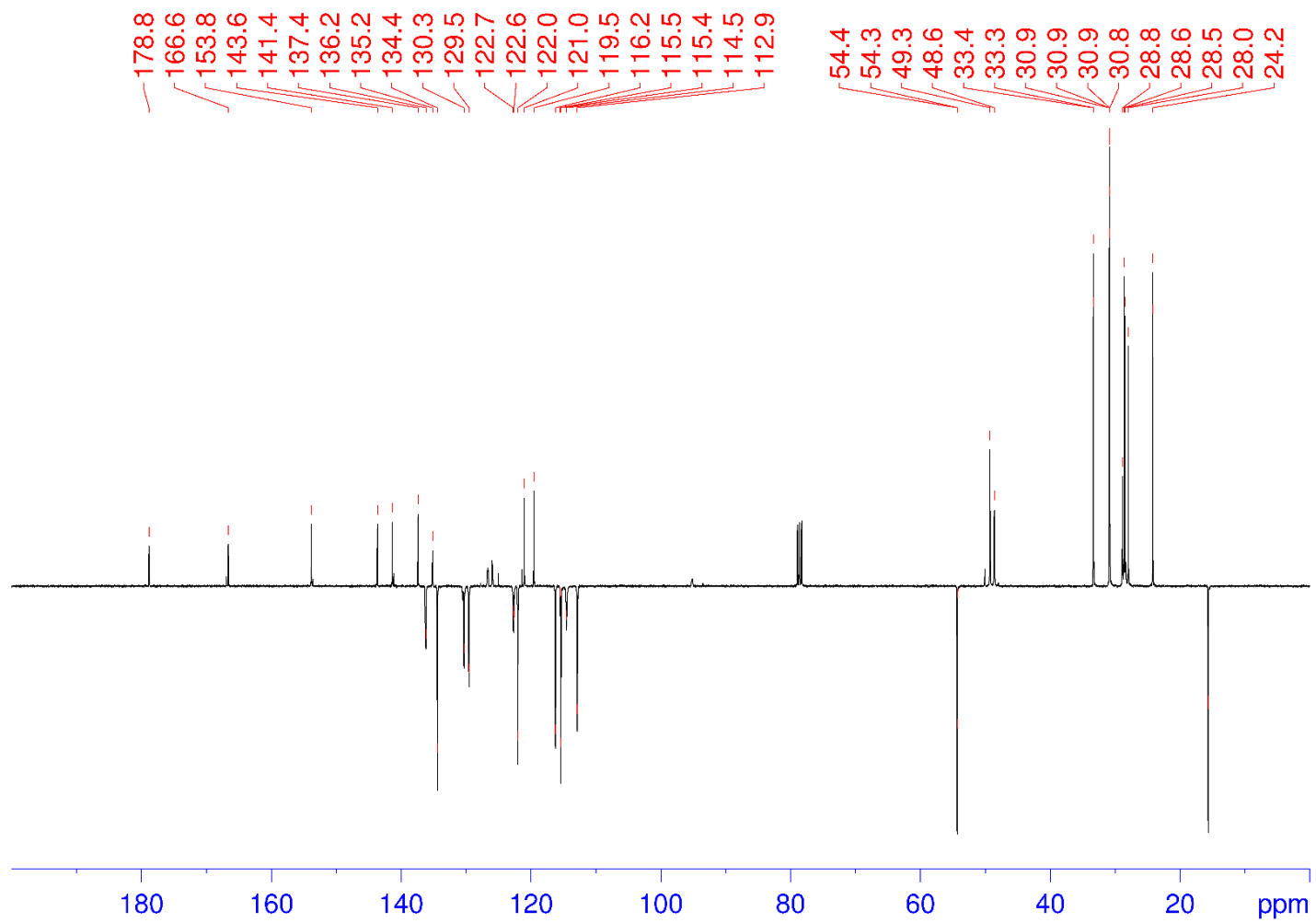


Figure S16.  $^1\text{H}$  NMR spectrum of 3a.



**Figure S17.**  $^{13}\text{C}$  NMR spectrum of **3a**.

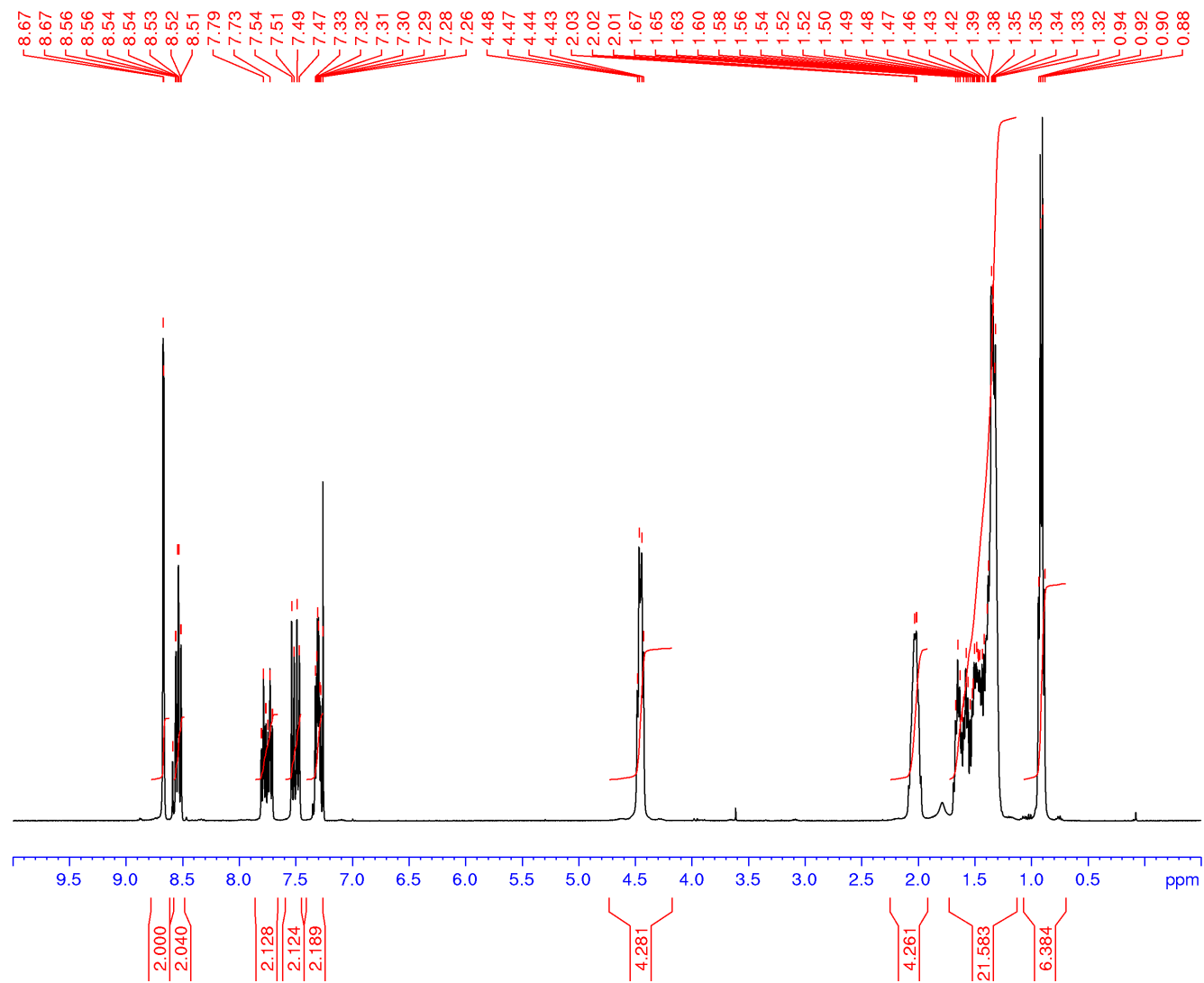


Figure S18. <sup>1</sup>H NMR spectrum of 3b.

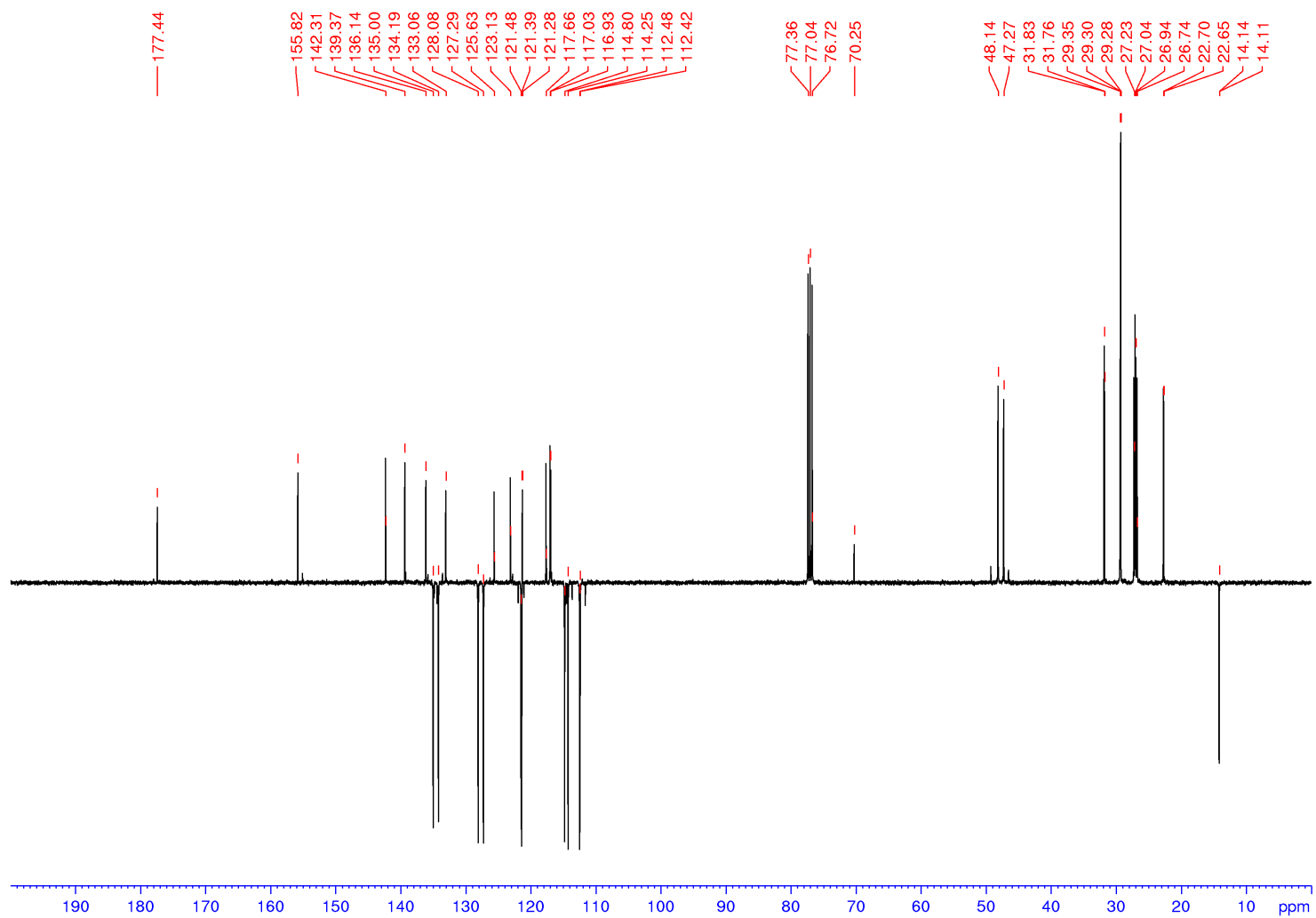


Figure S19.  $^{13}\text{C}$  NMR spectrum of 3b.

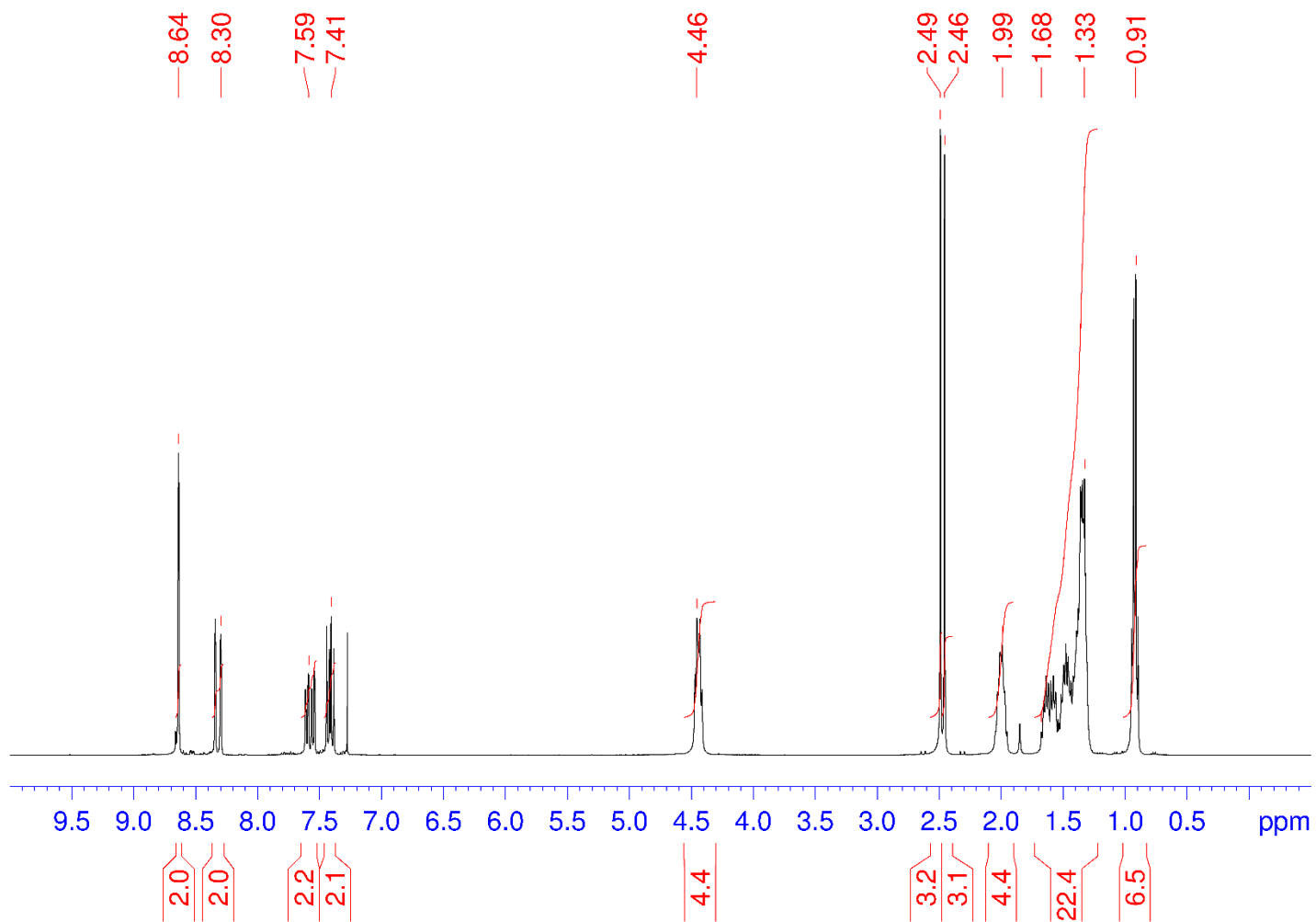
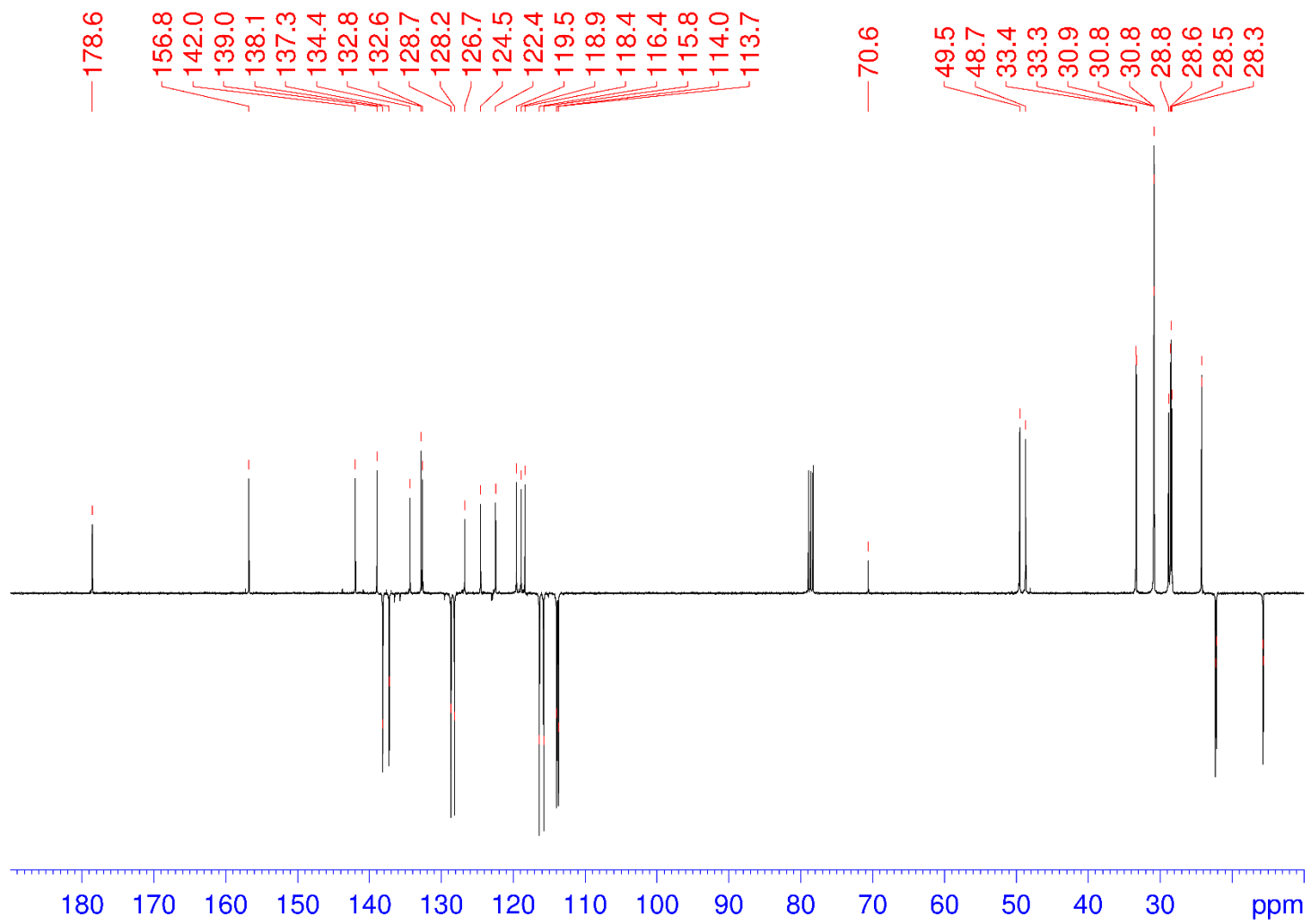
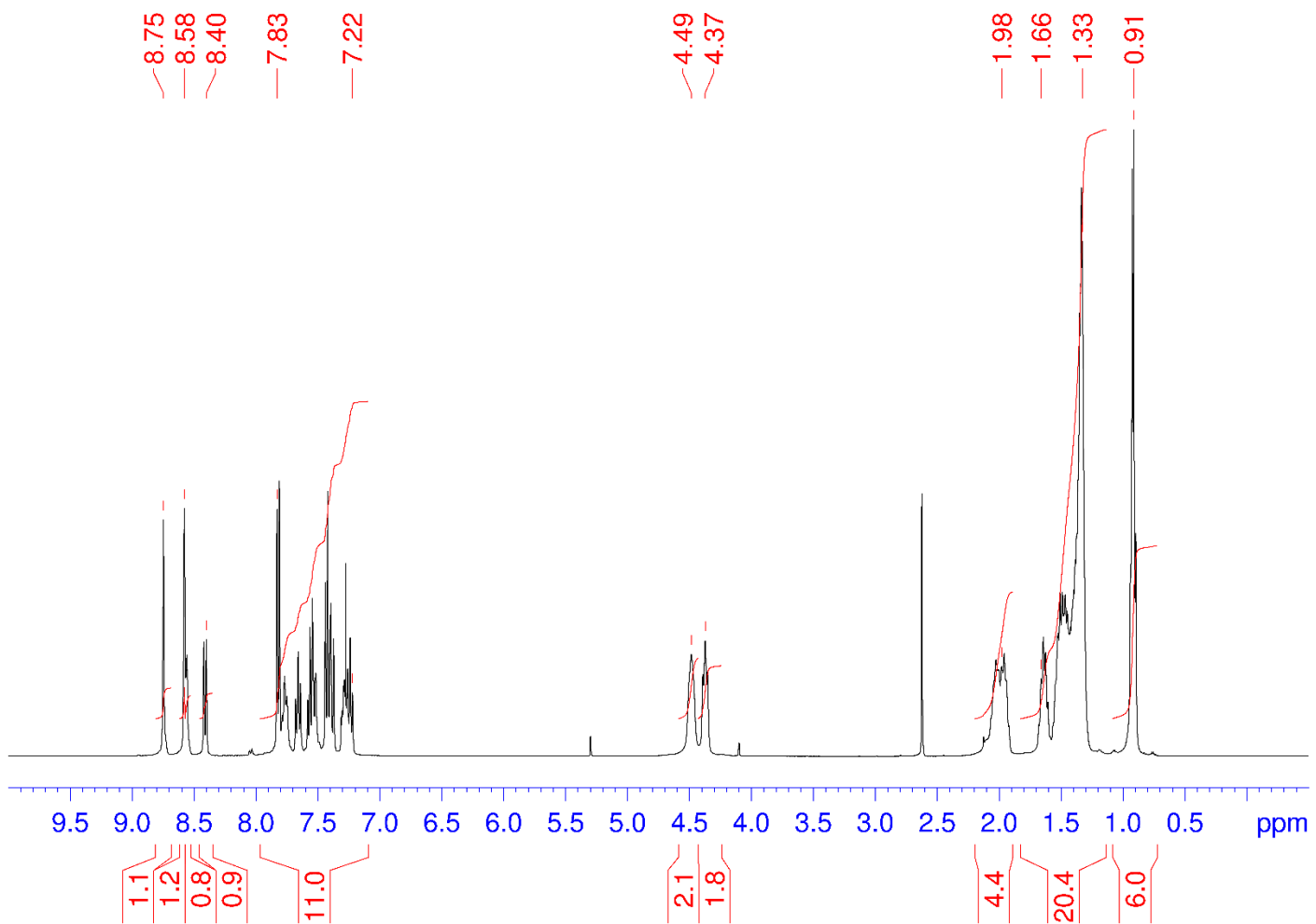


Figure S20. <sup>1</sup>H NMR spectrum of 3c.



**Figure S21.**  $^{13}\text{C}$  NMR spectrum of **3c**.



**Figure S22.**  $^1\text{H}$  NMR spectrum of **3d**. Peak at 2.63 ppm due to DMSO contamination.

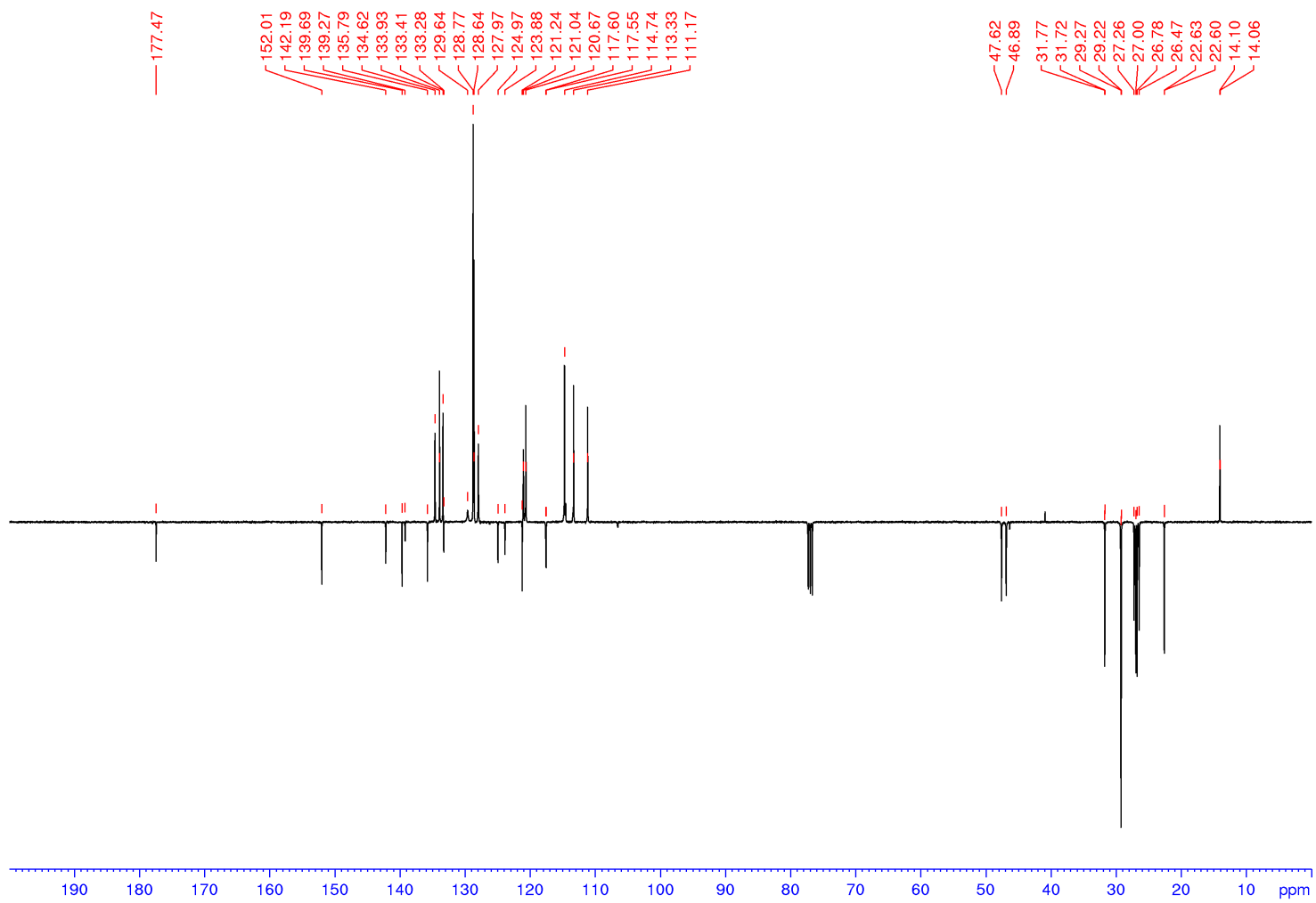


Figure S23.  $^{13}\text{C}$  NMR spectrum of 3d.



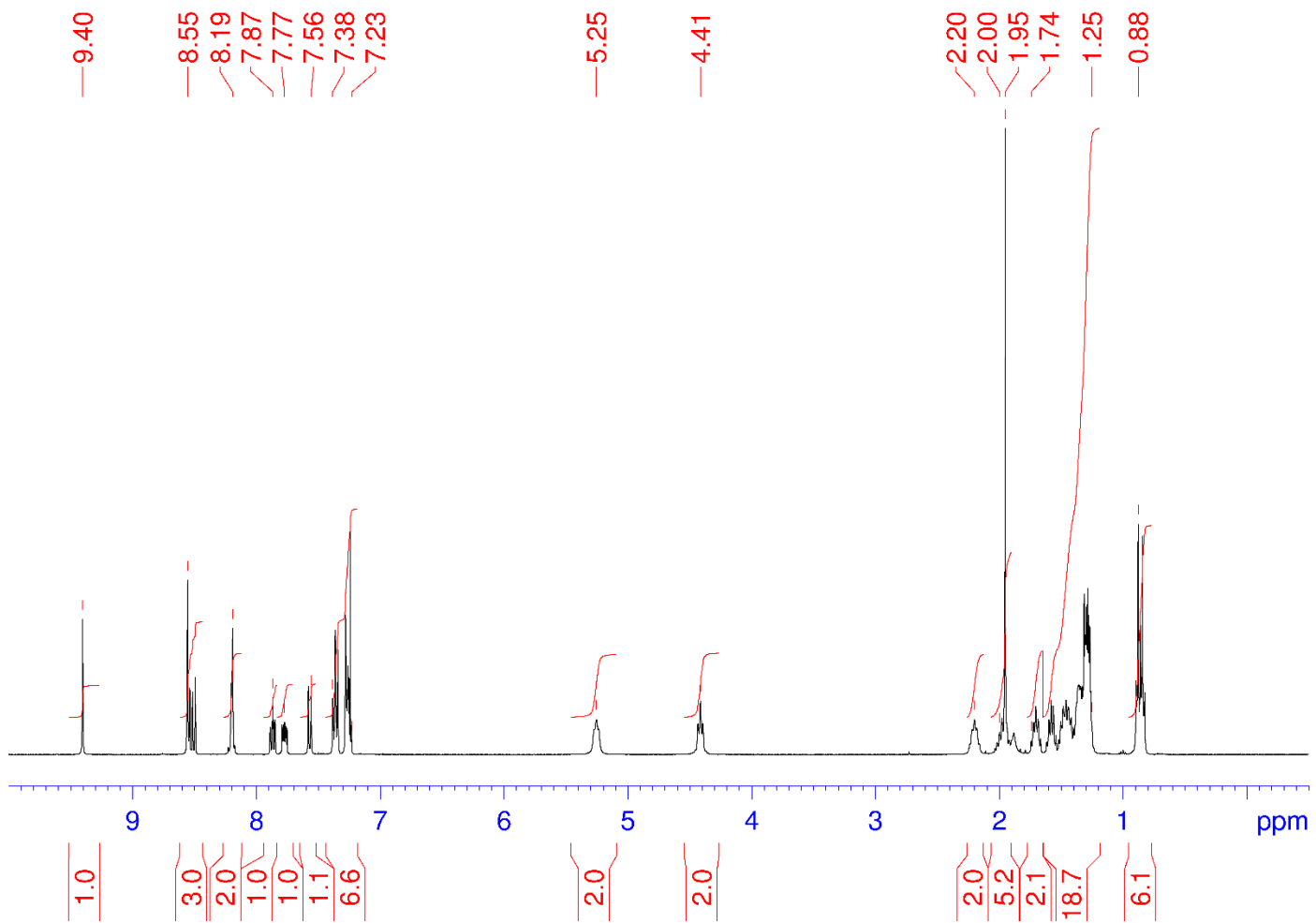


Figure S24.  $^1\text{H}$  NMR spectrum of **3e**.

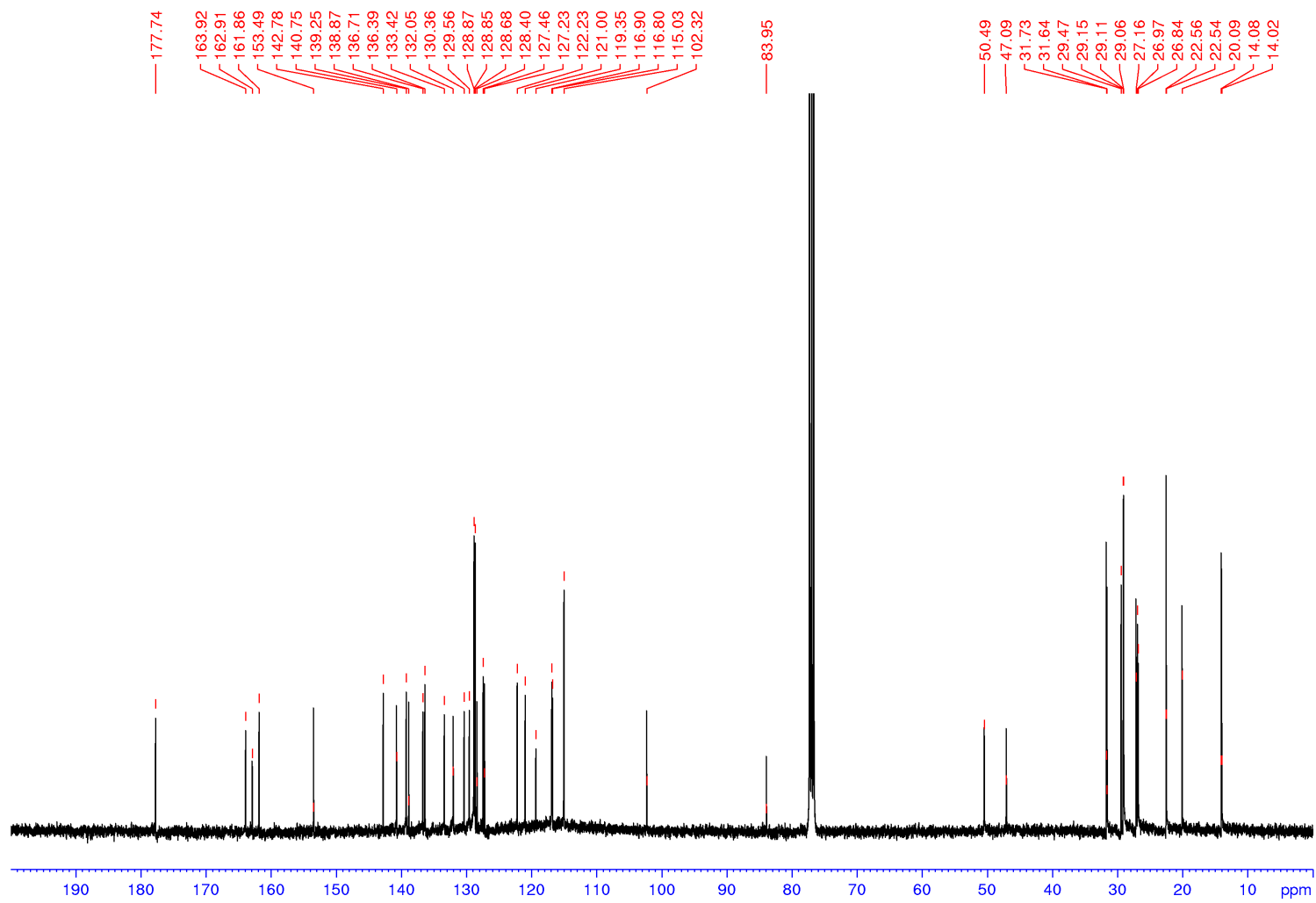


Figure S25.  $^{13}\text{C}$  NMR spectrum of **3e**.

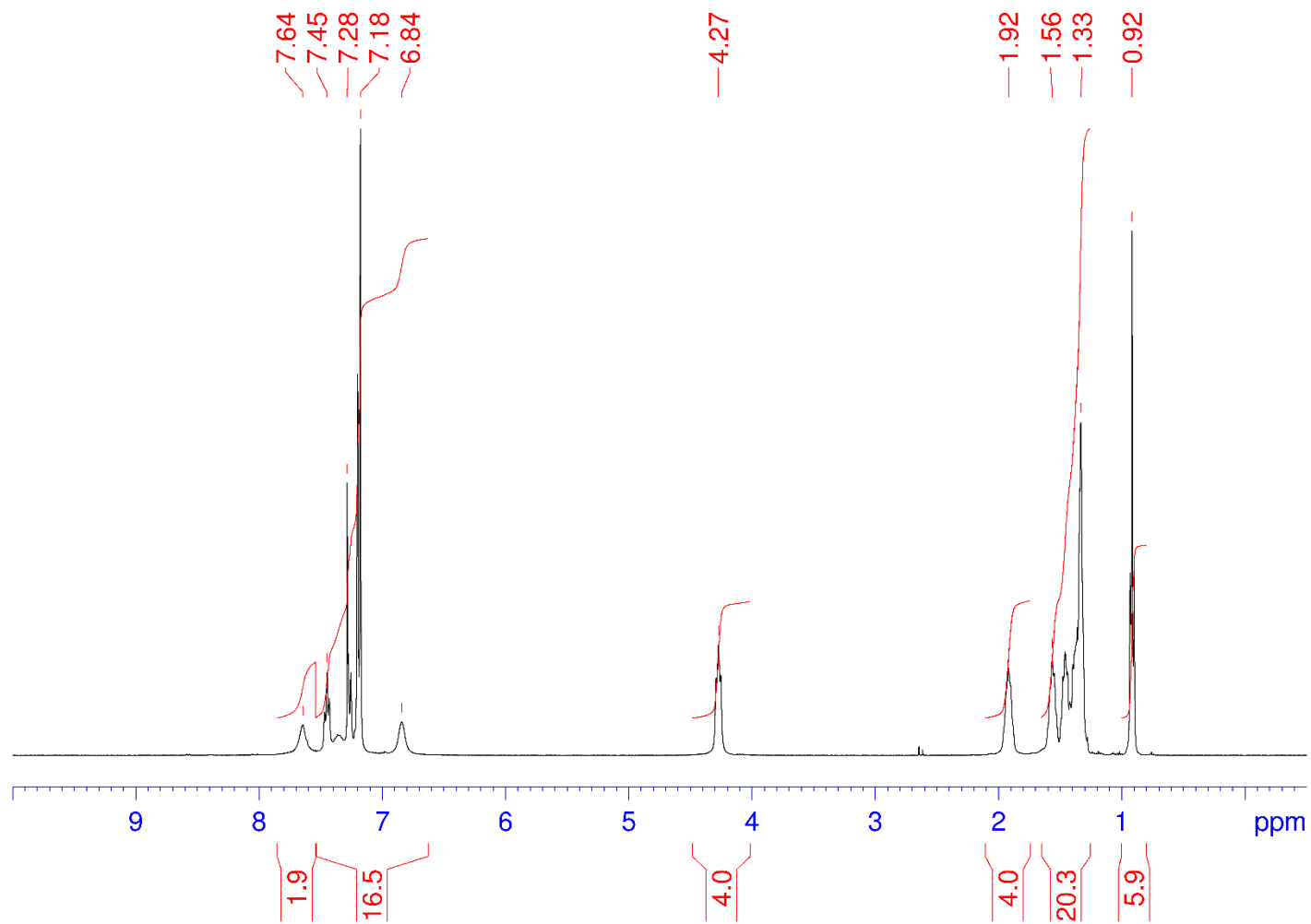


Figure S26. a)  $^1\text{H}$  NMR spectrum 4a.

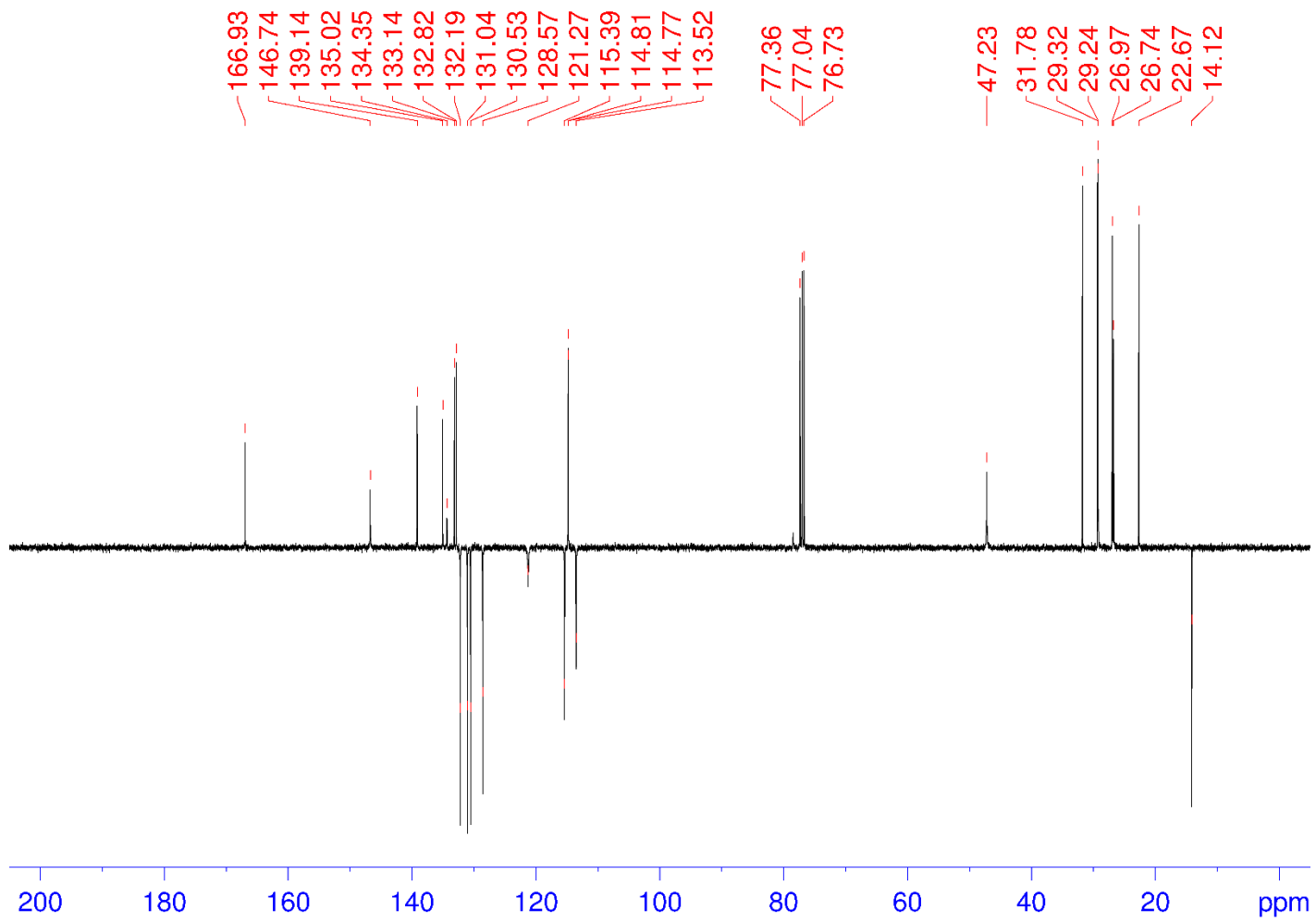


Figure S27.  $^{13}\text{C}$  NMR spectrum 4a.

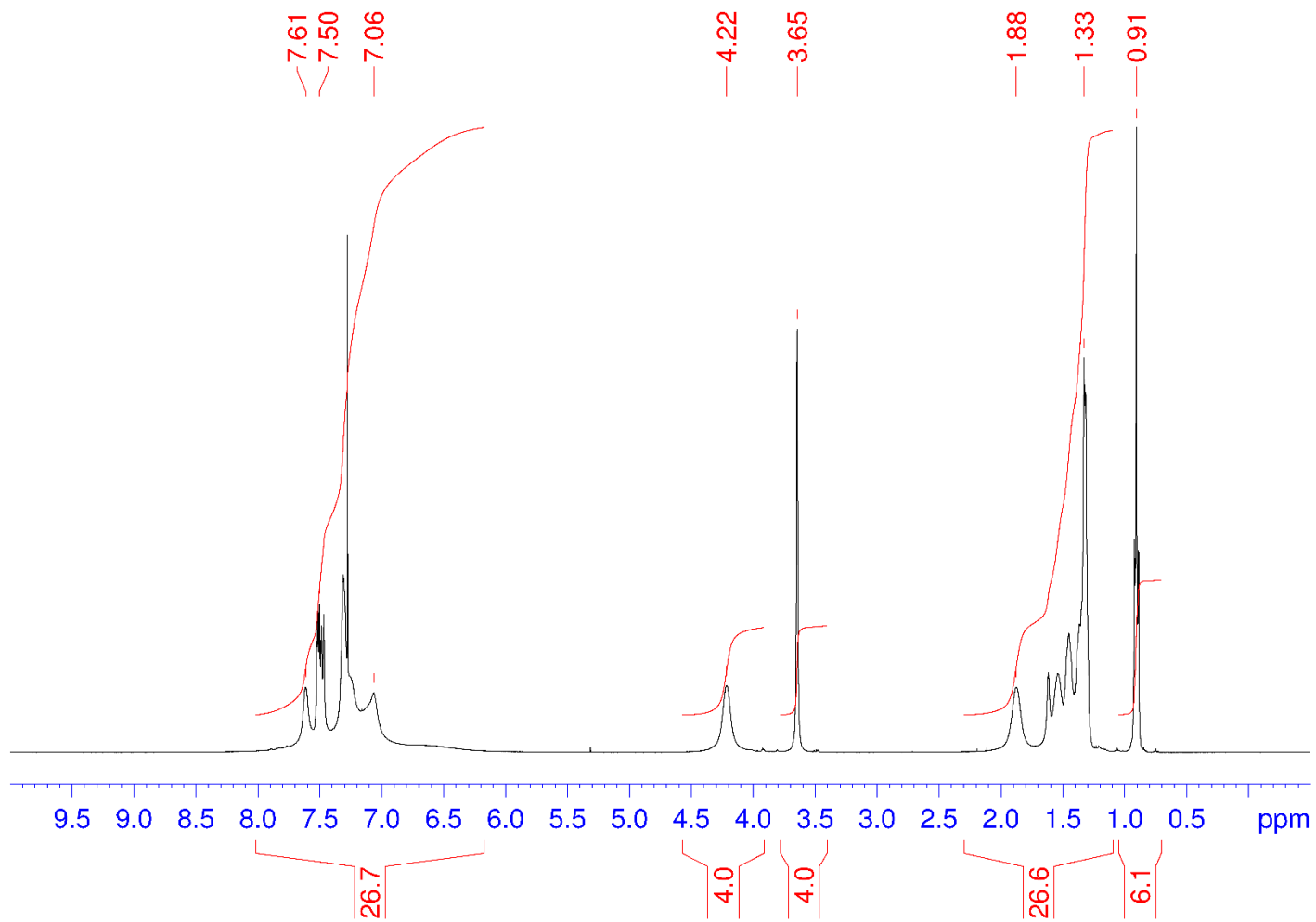
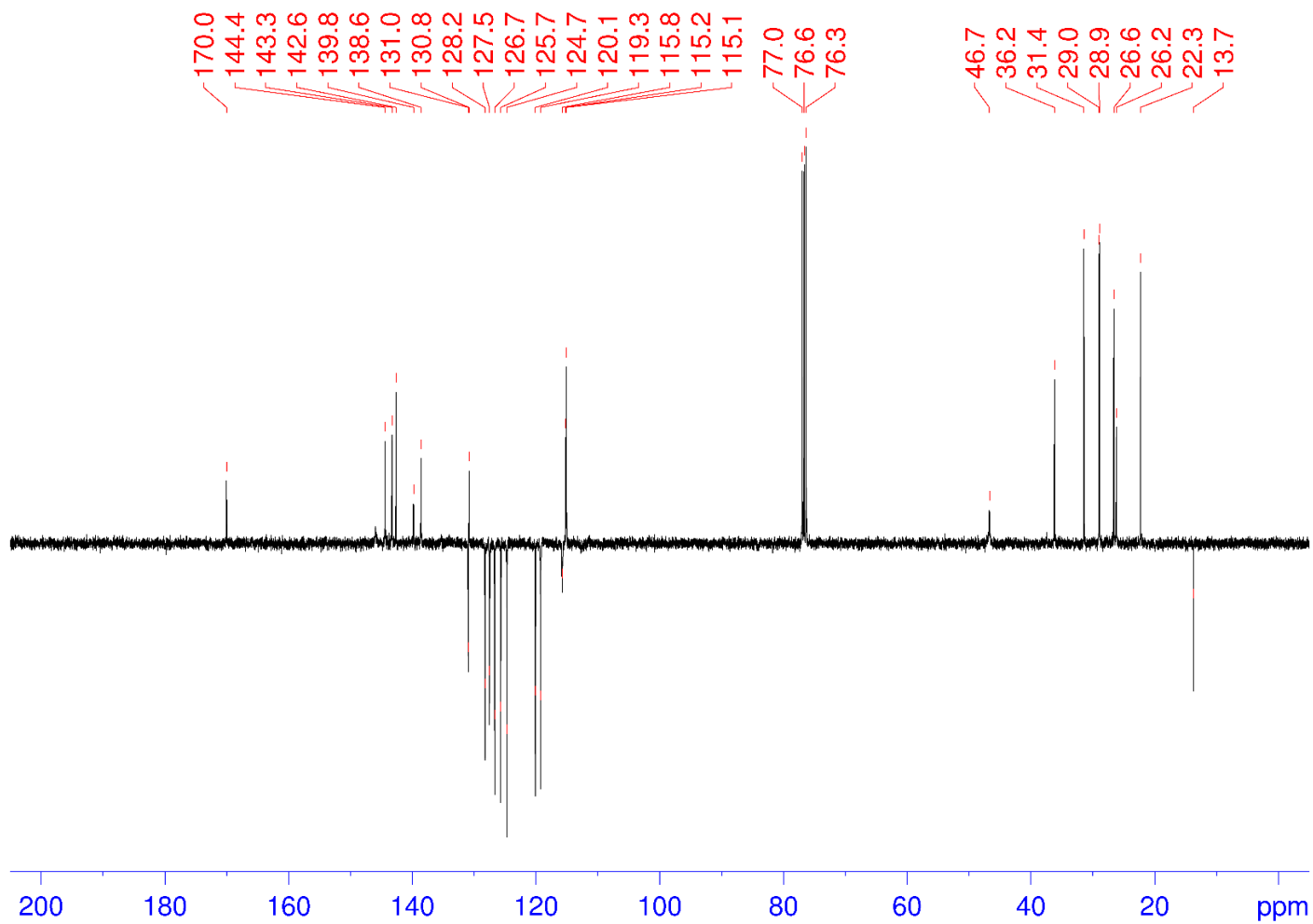


Figure S28.  $^1\text{H}$  NMR spectrum of **4b**.



**Figure S29.**  $^{13}\text{C}$  NMR spectrum of **4b**.

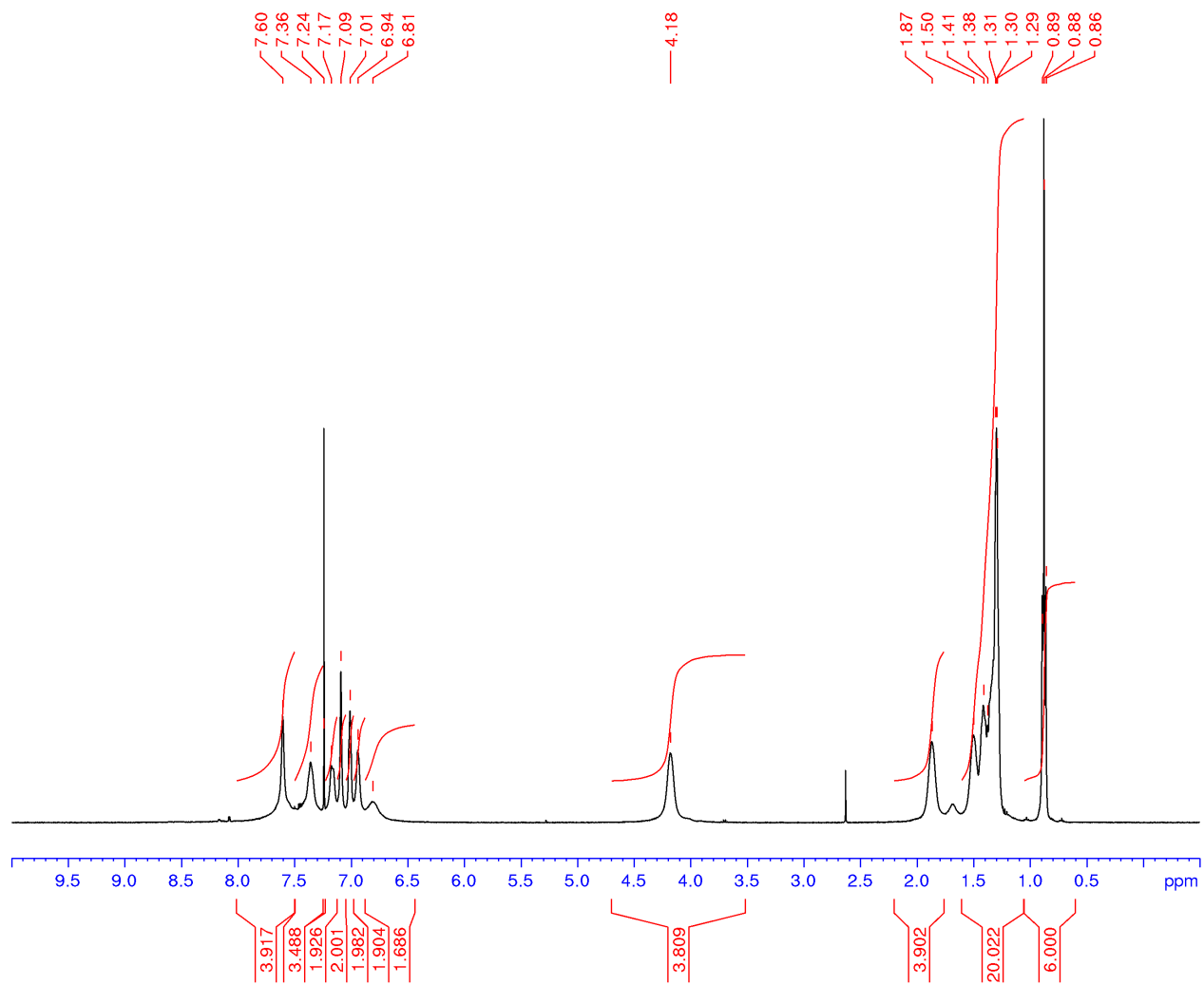


Figure S30.  $^1\text{H}$  NMR spectrum of 4c.

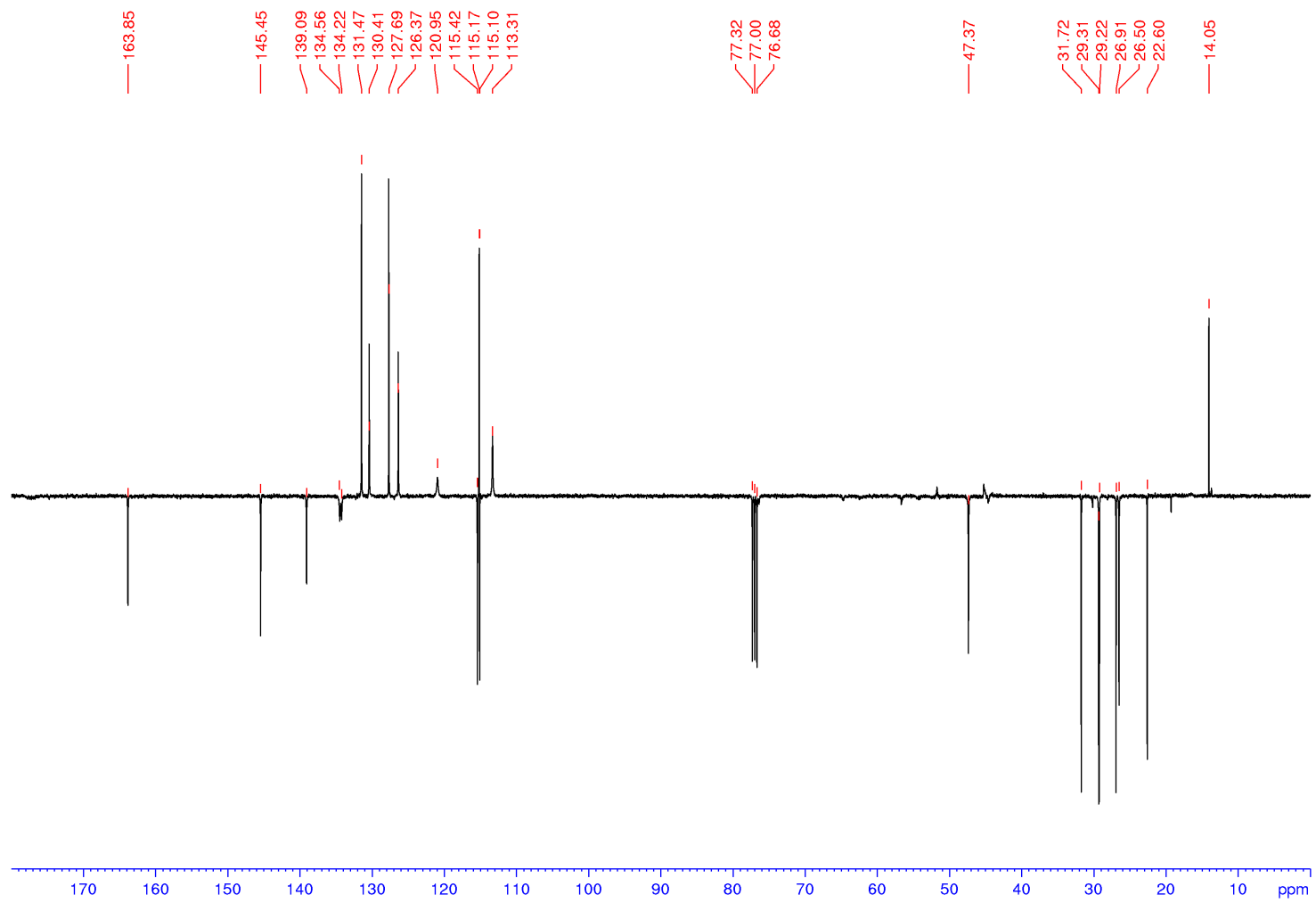


Figure S31.  $^{13}\text{C}$  NMR spectrum of 4c.



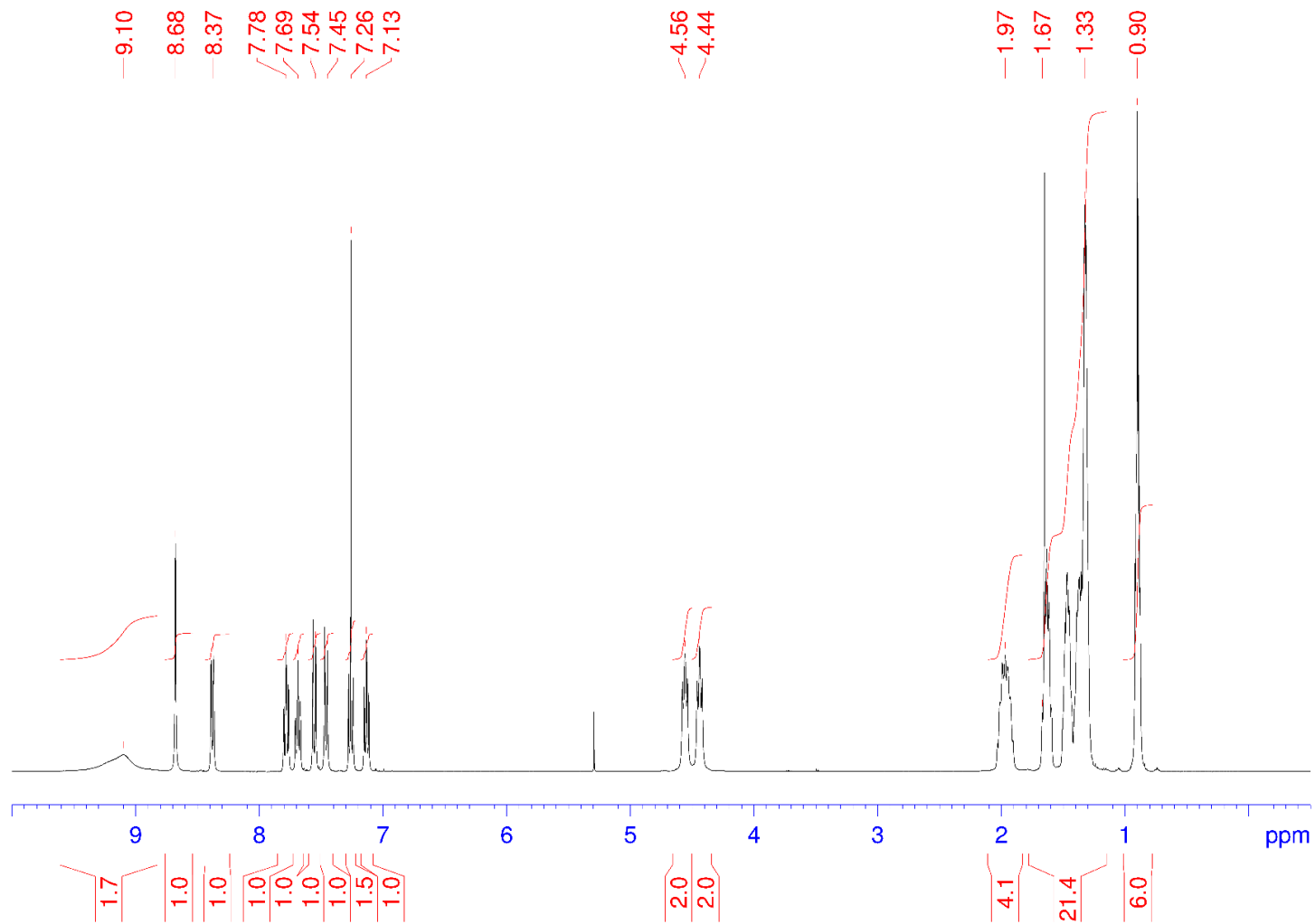


Figure S32.  $^1\text{H}$  NMR spectrum of **5a**.

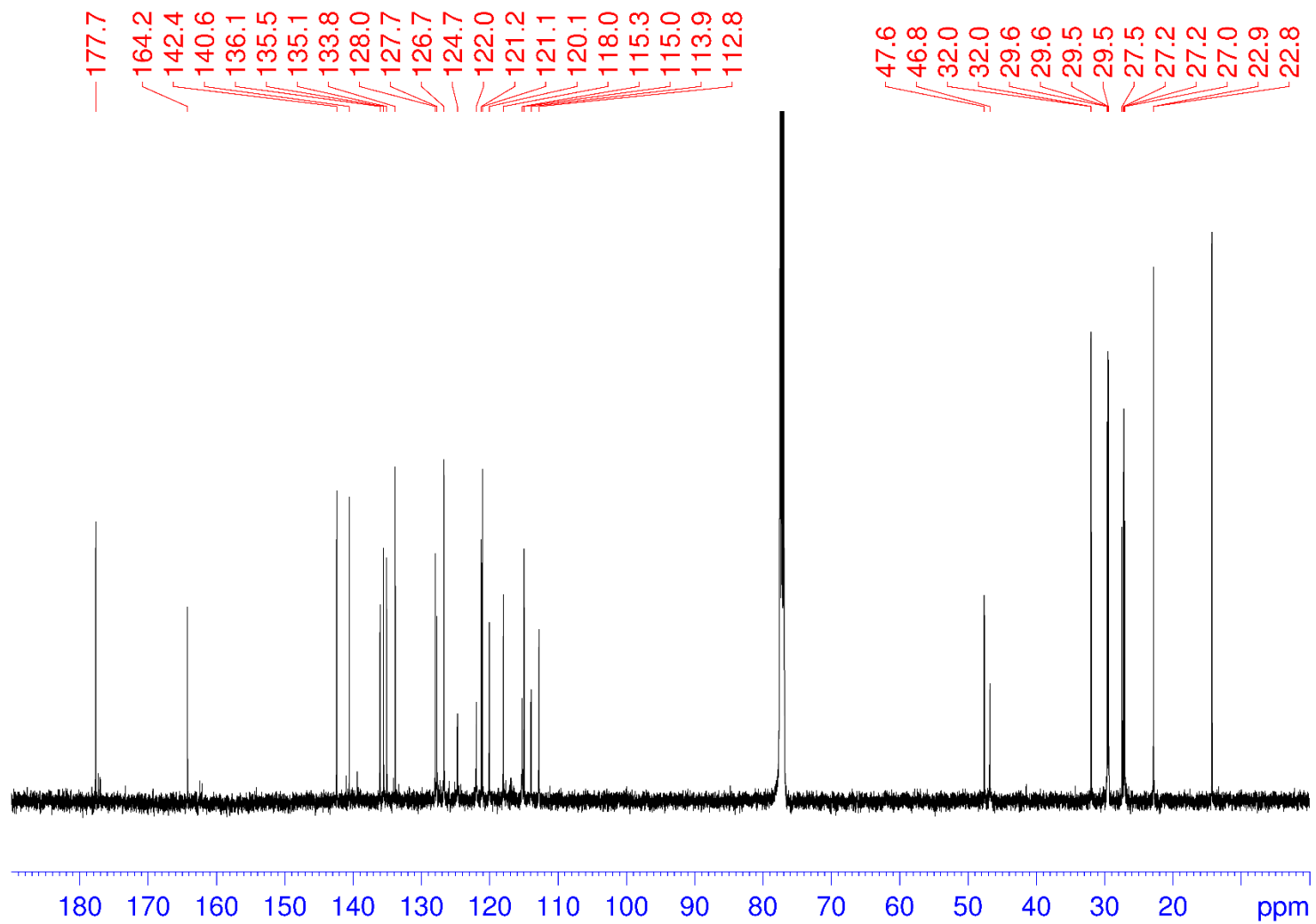


Figure S33.  $^{13}\text{C}$  NMR spectrum of 5a.

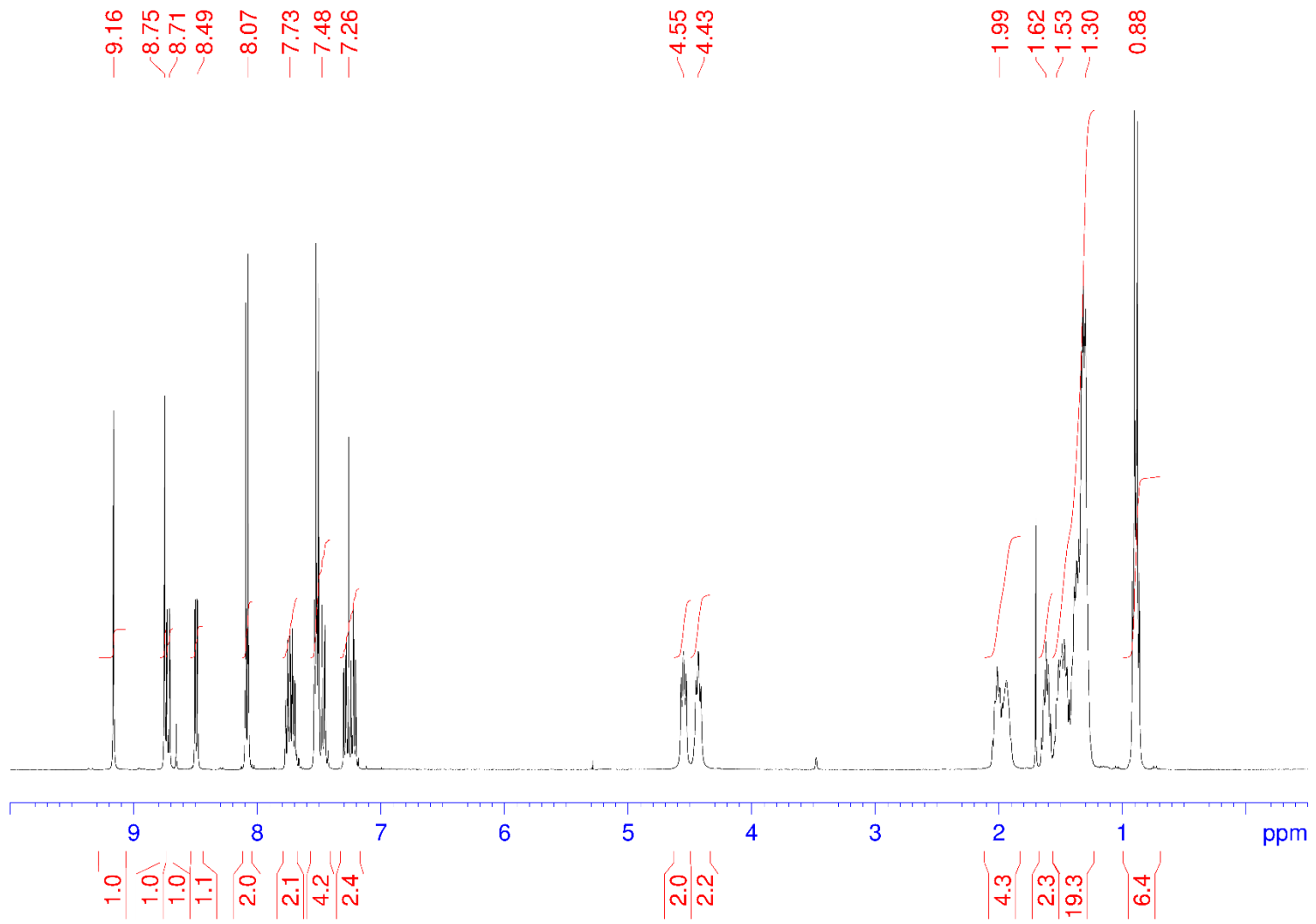


Figure S34. <sup>1</sup>H NMR spectrum of 5b.

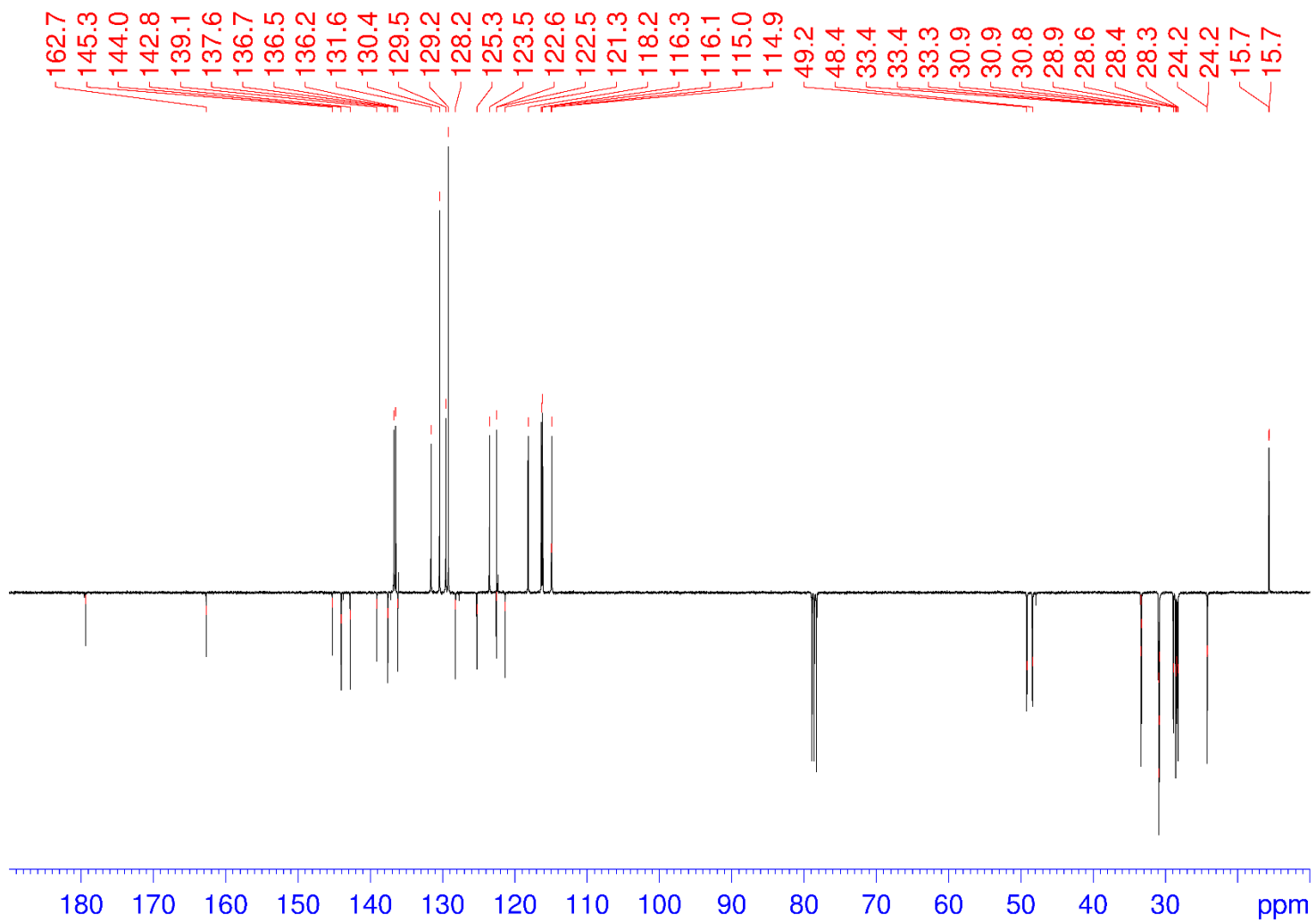


Figure S35.  $^{13}\text{C}$  NMR spectrum of 5b.

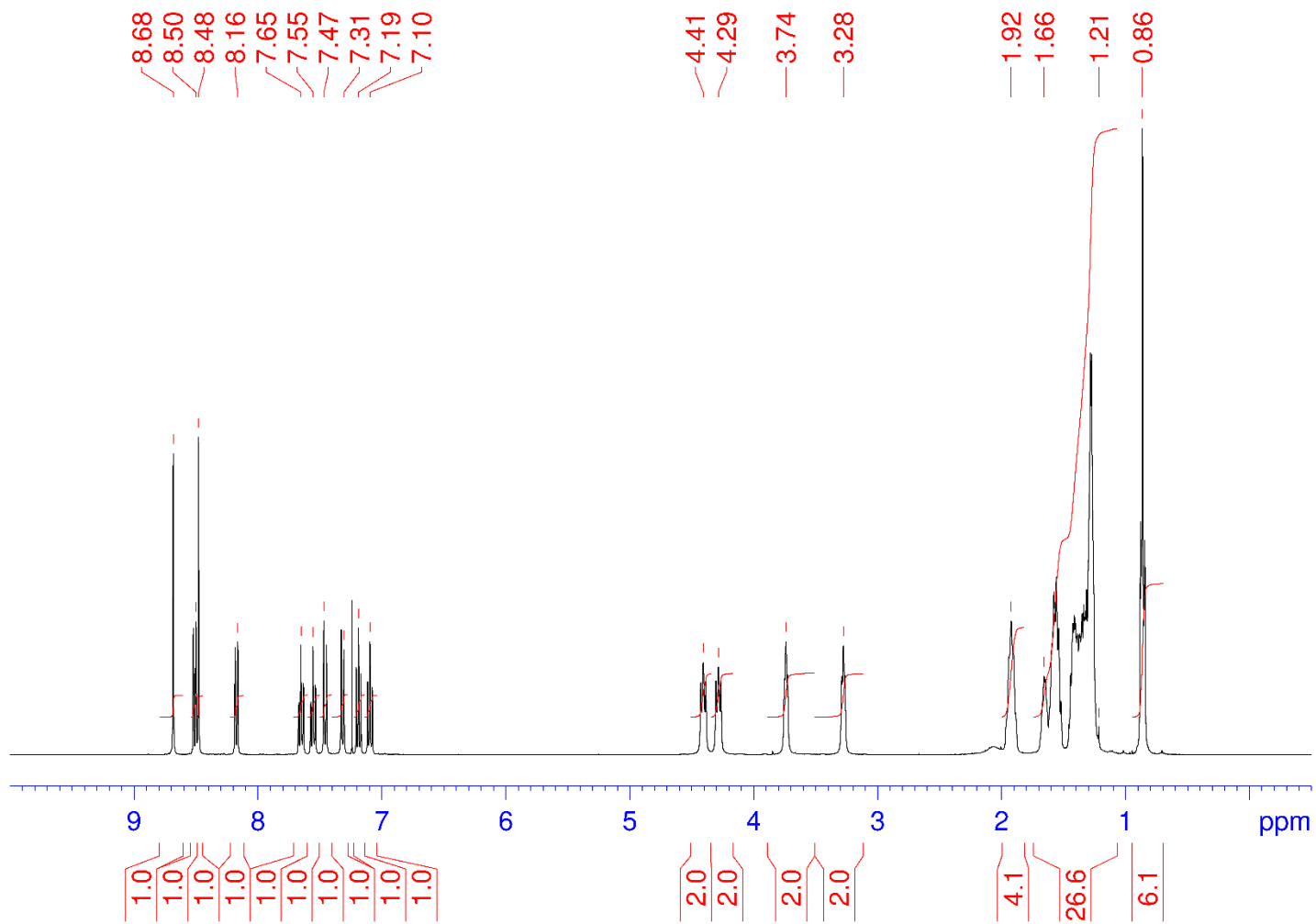


Figure S36. a)  $^1\text{H}$  NMR spectrum of 5c.

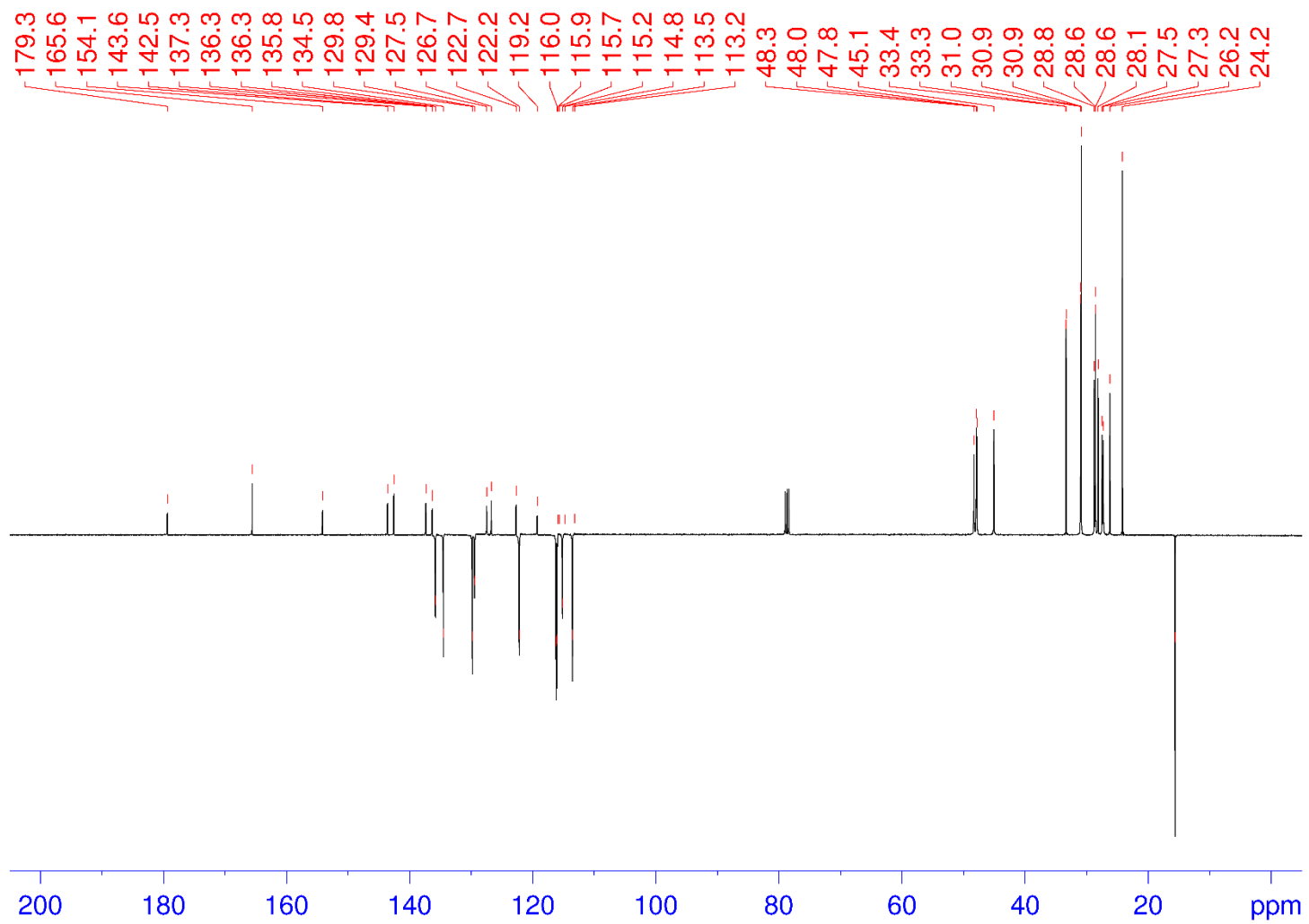


Figure S37.  $^{13}\text{C}$  NMR spectrum of 5c.

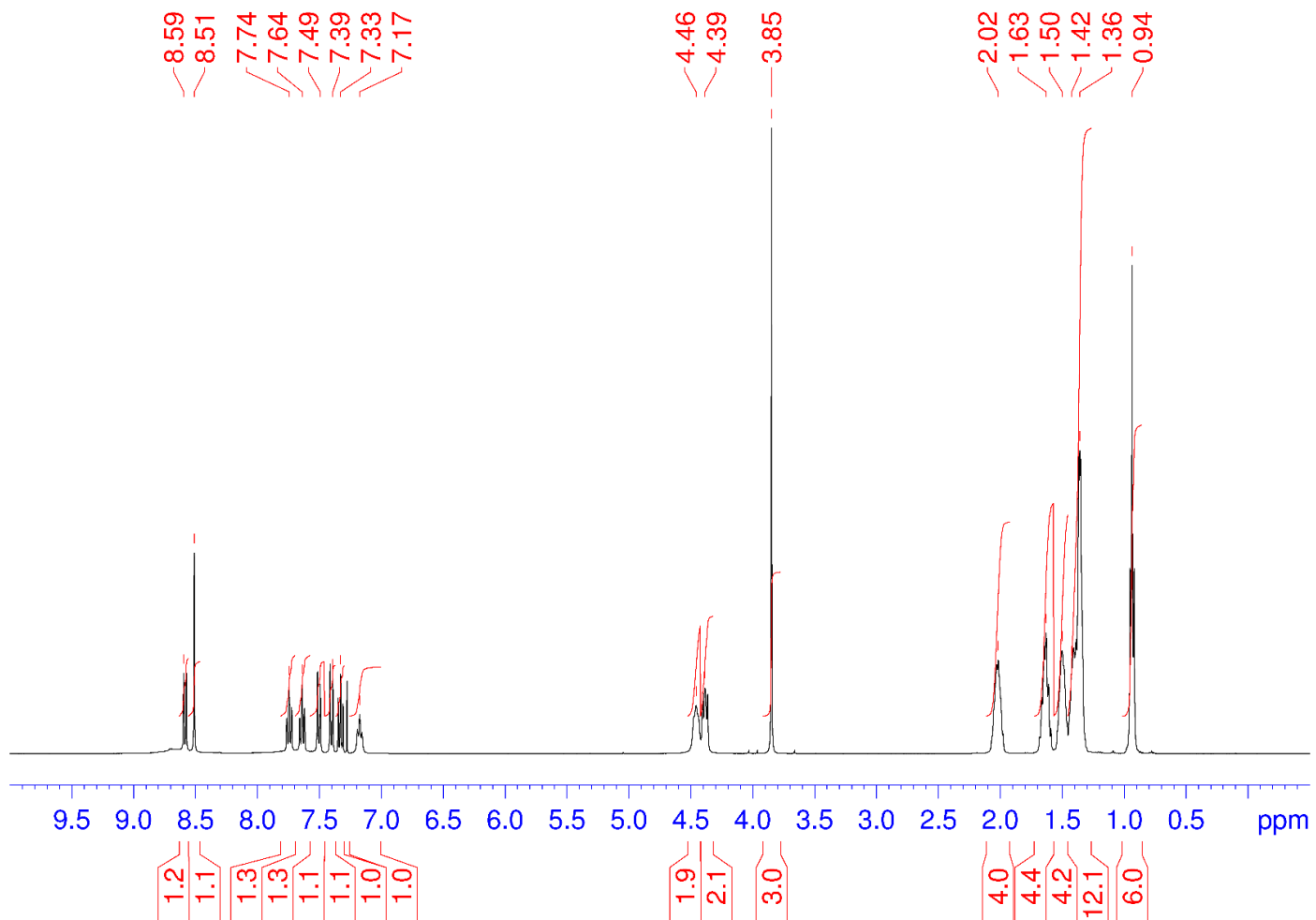
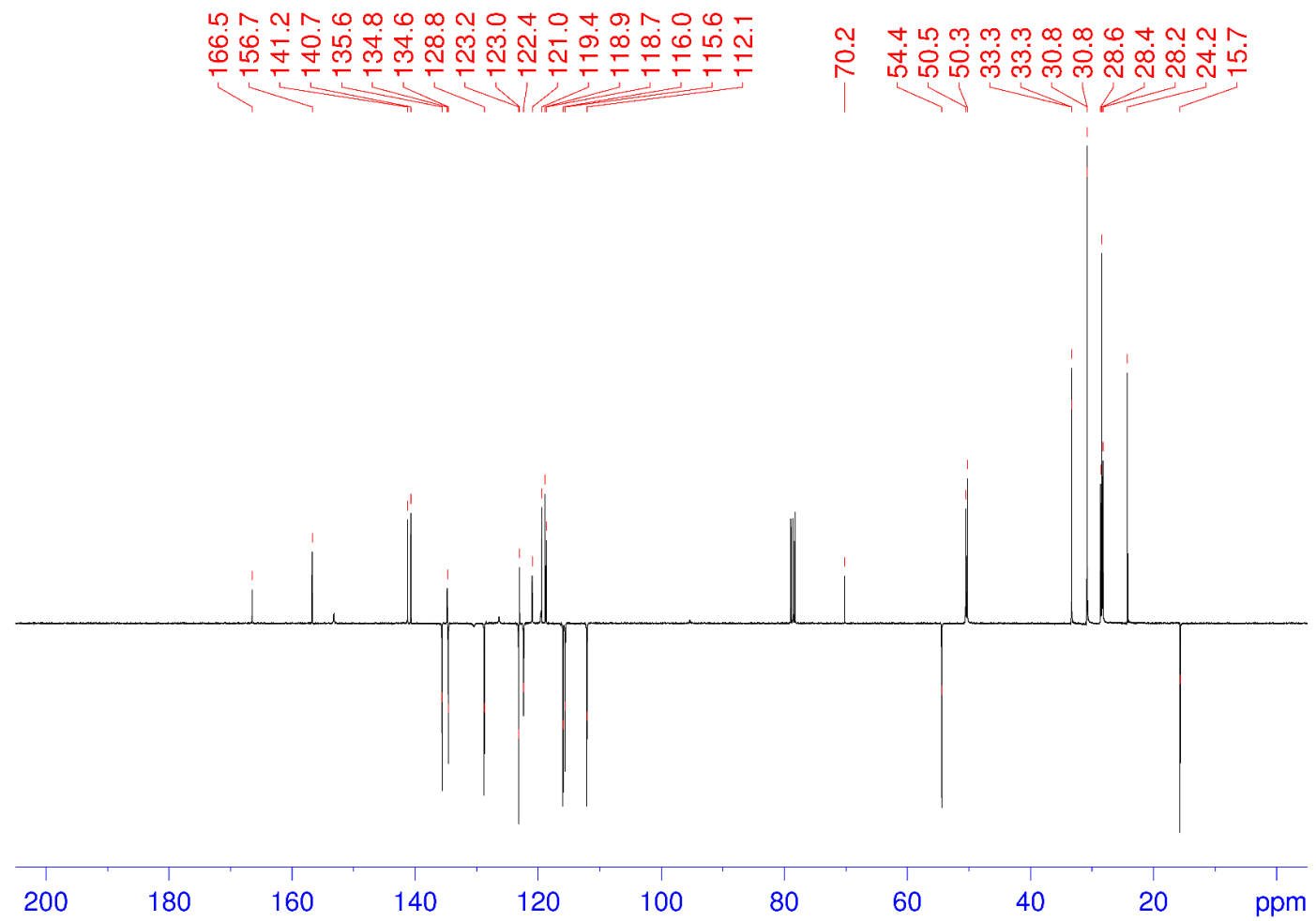


Figure S38.  $^1\text{H}$  NMR spectrum of 6a.



**Figure S39.** <sup>13</sup>C NMR spectrum of **6a**.



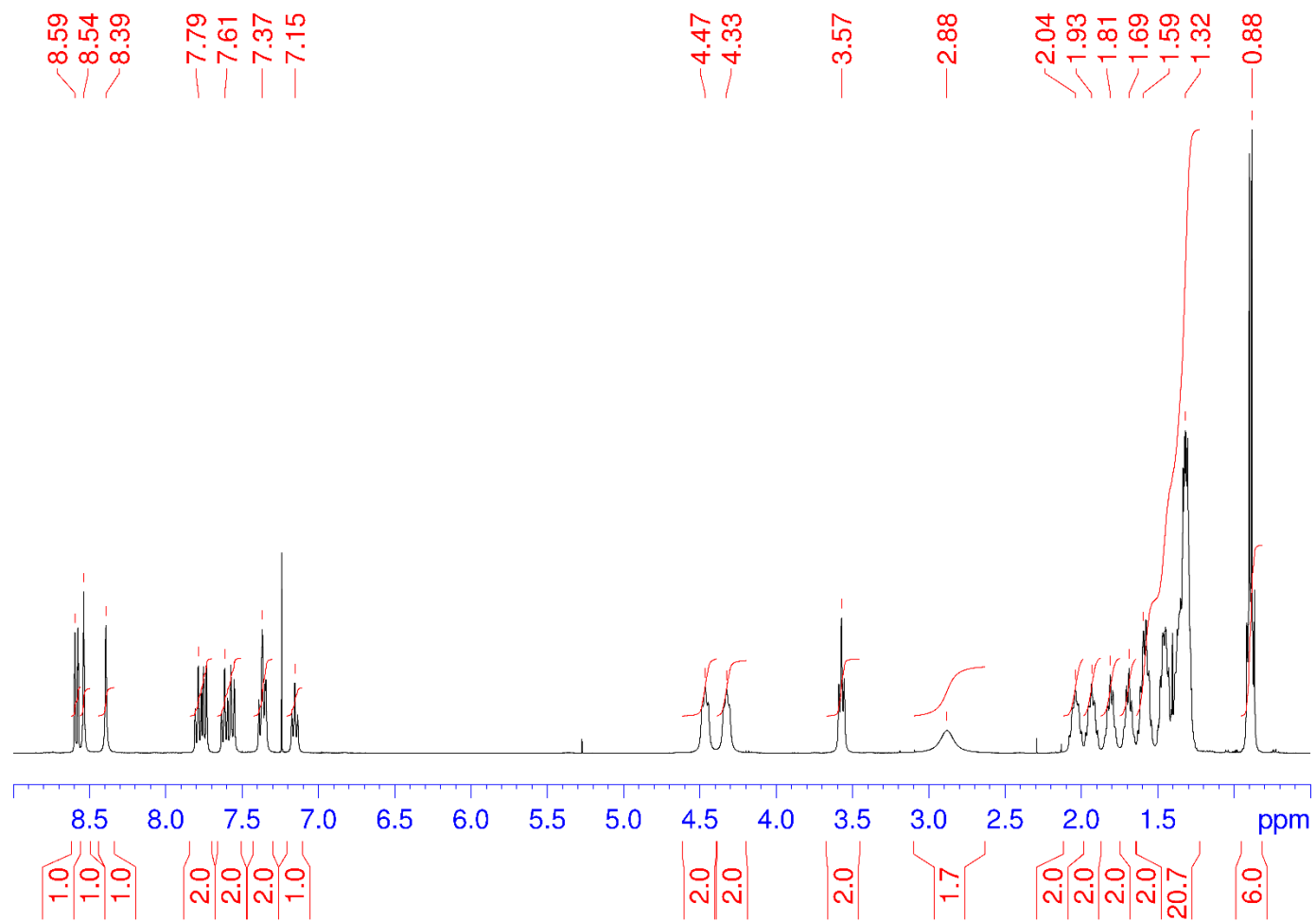


Figure S40.  $^1\text{H}$  NMR spectrum of **6b**.

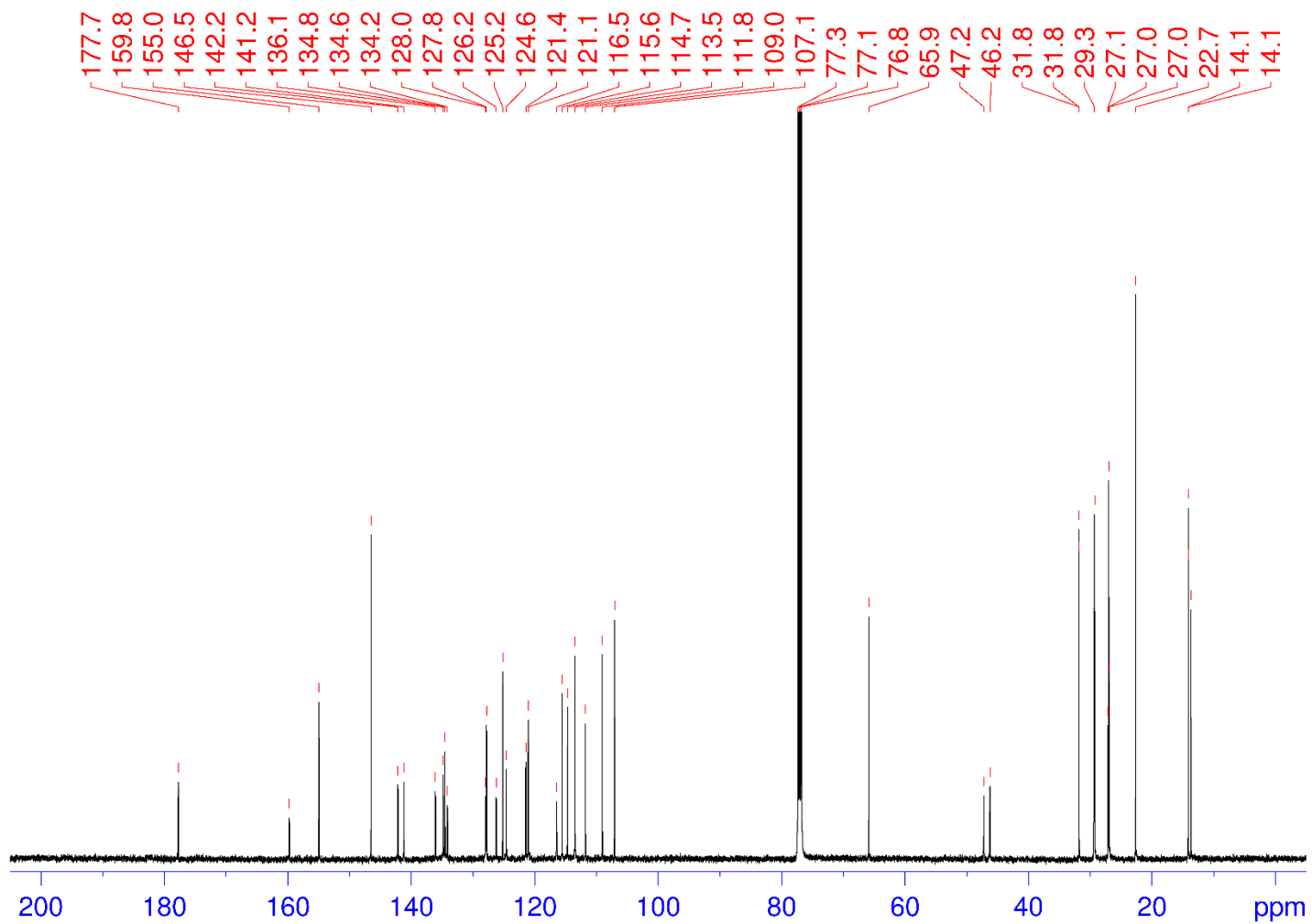
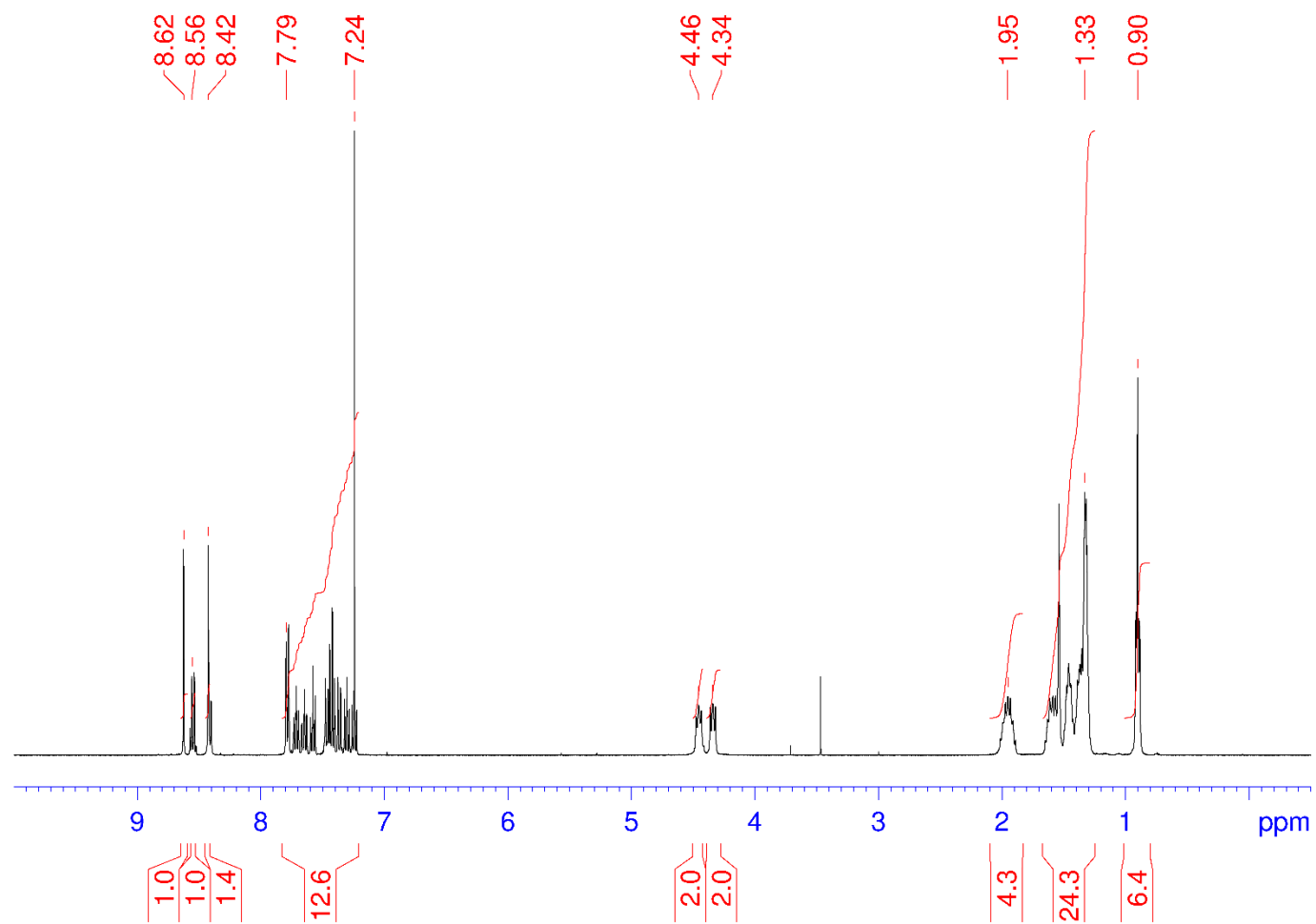


Figure S41.  $^{13}\text{C}$  NMR spectrum of **6b**.



**Figure S42.**  $^1\text{H}$  NMR spectrum of **6c**. Peak at 3.49 ppm due to residual methanol.

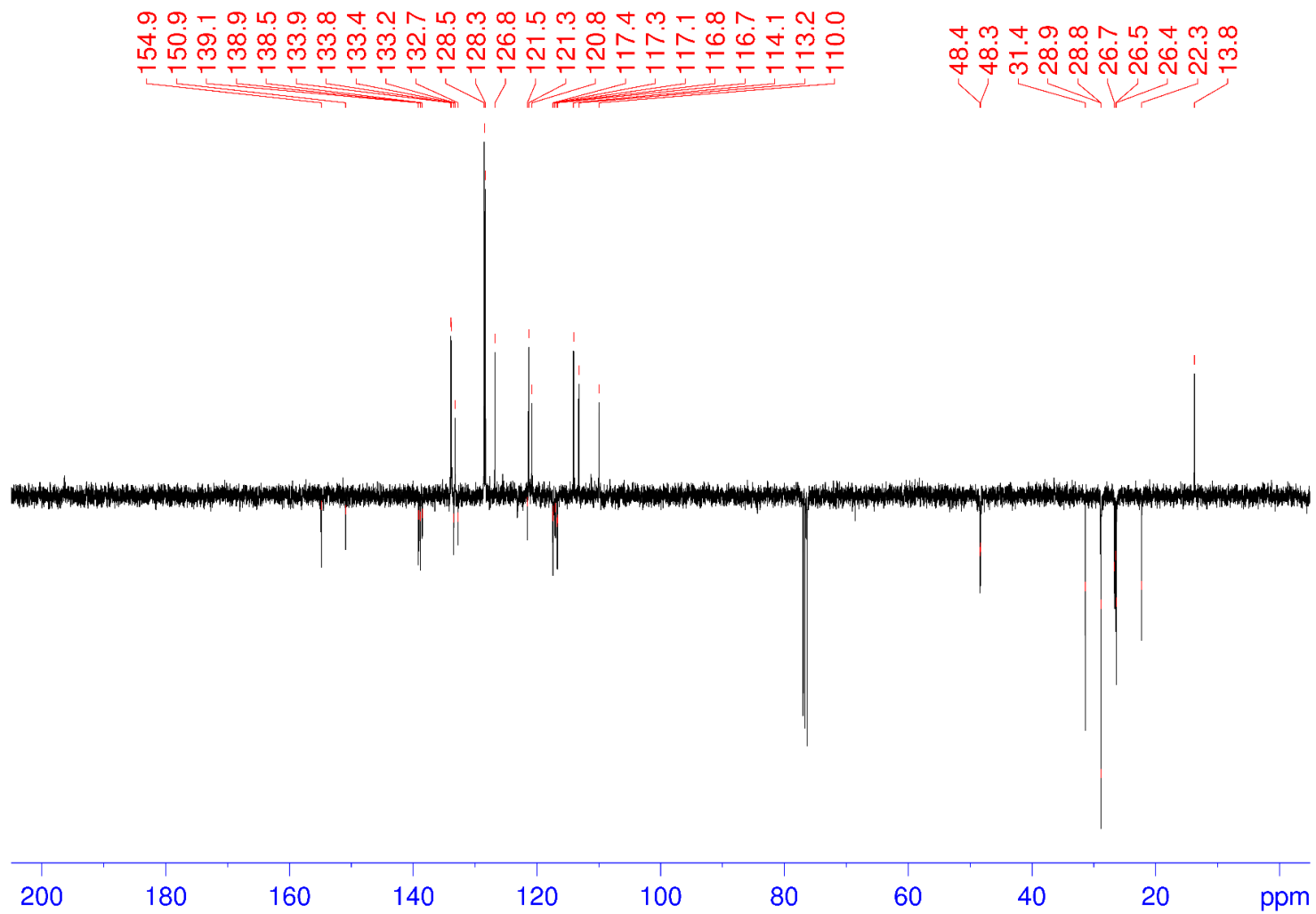


Figure S43.  $^{13}\text{C}$  NMR spectrum of **6c**.

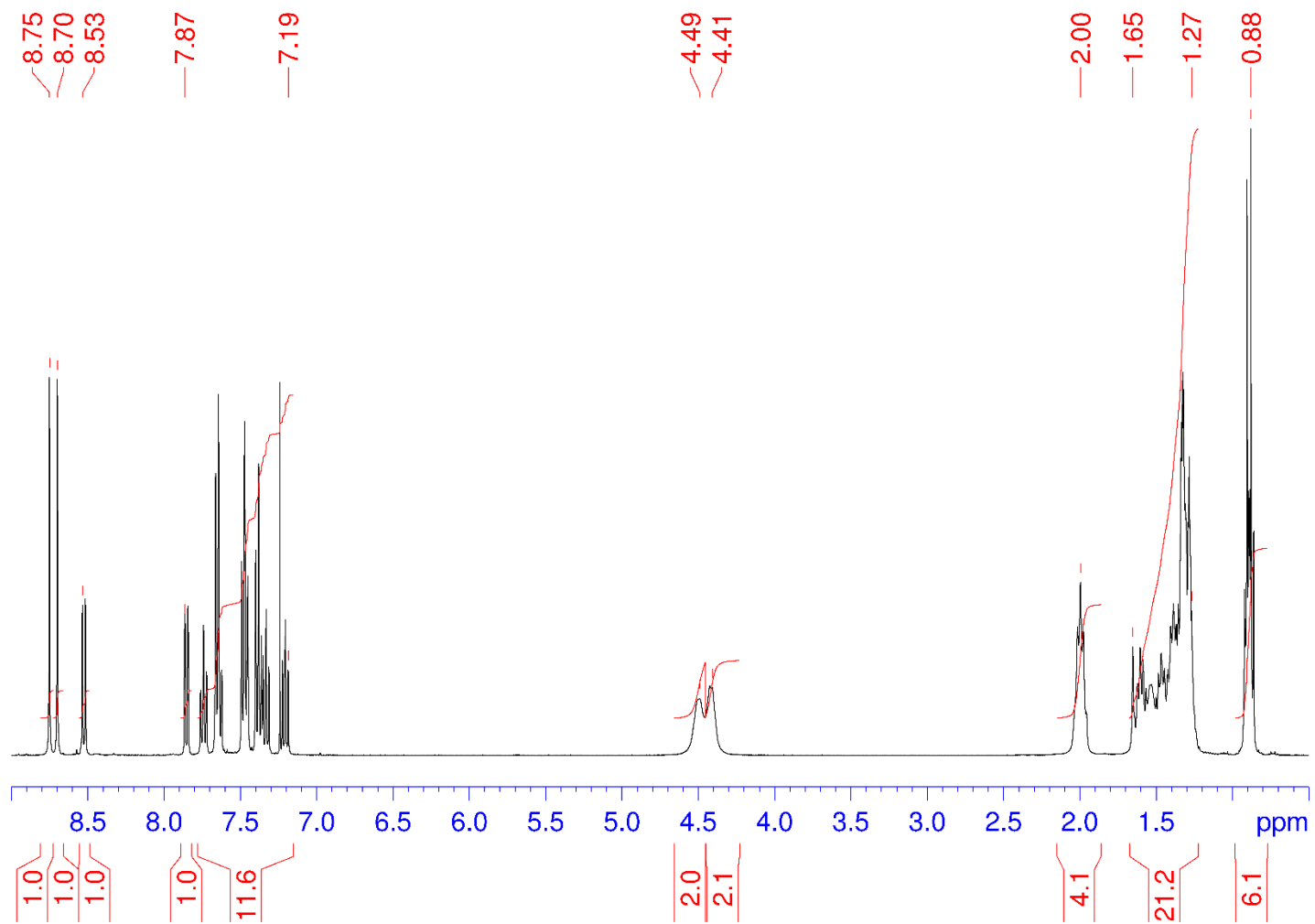
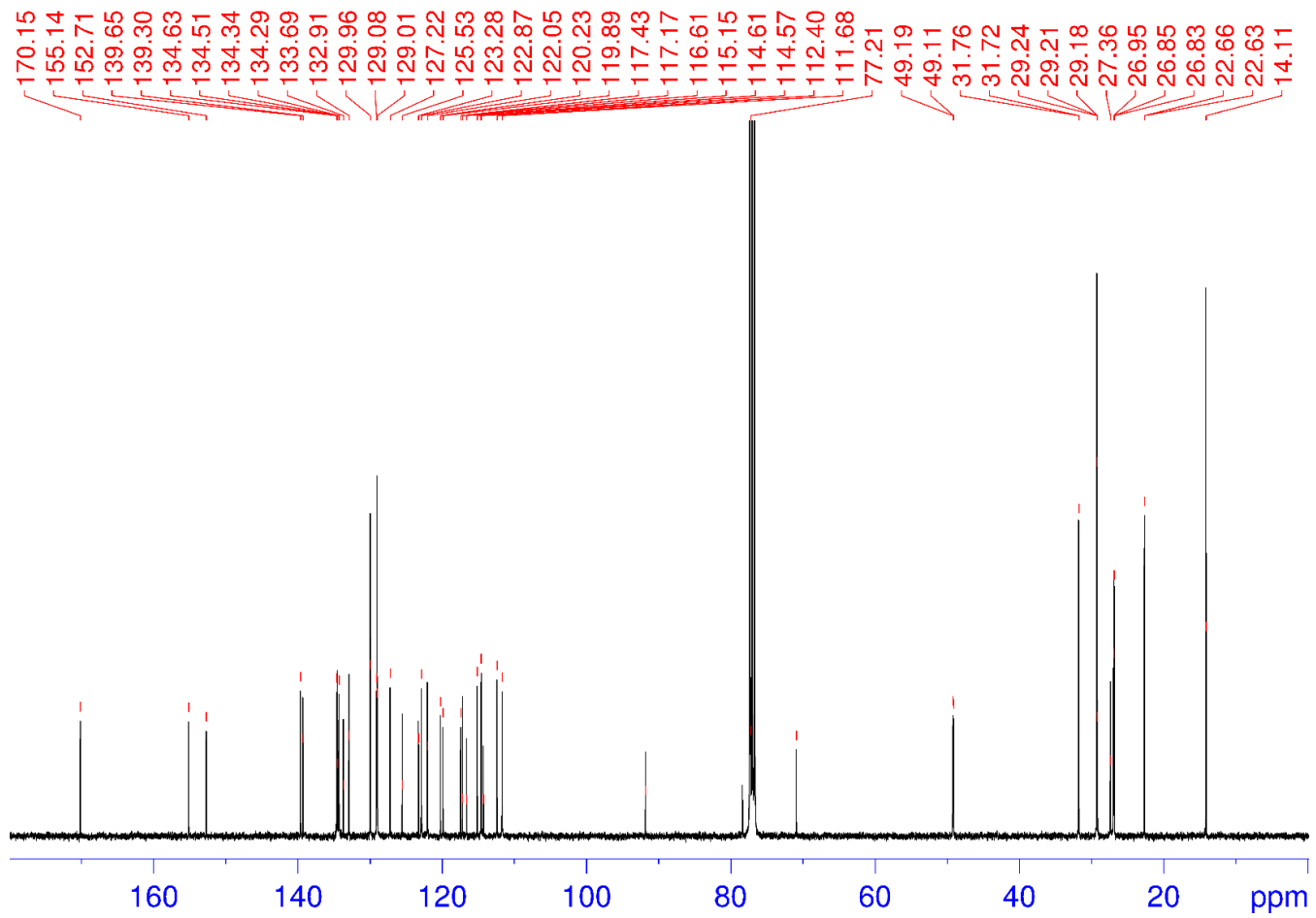


Figure S44. <sup>1</sup>H NMR spectrum of 6d.



**Figure S45.**  $^{13}\text{C}$  NMR spectrum of **6d**.

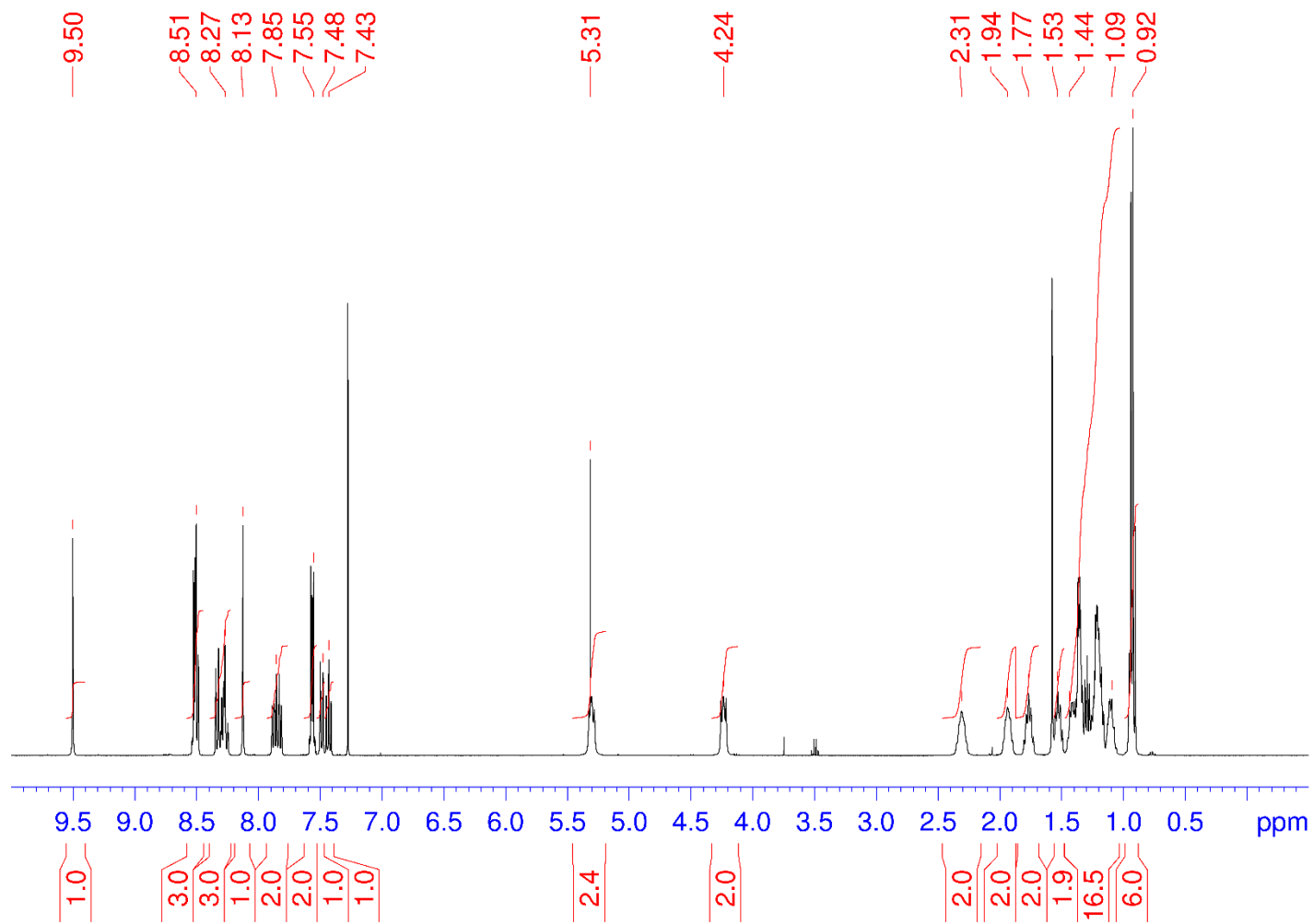


Figure S46. <sup>1</sup>H NMR spectrum of **6e**.

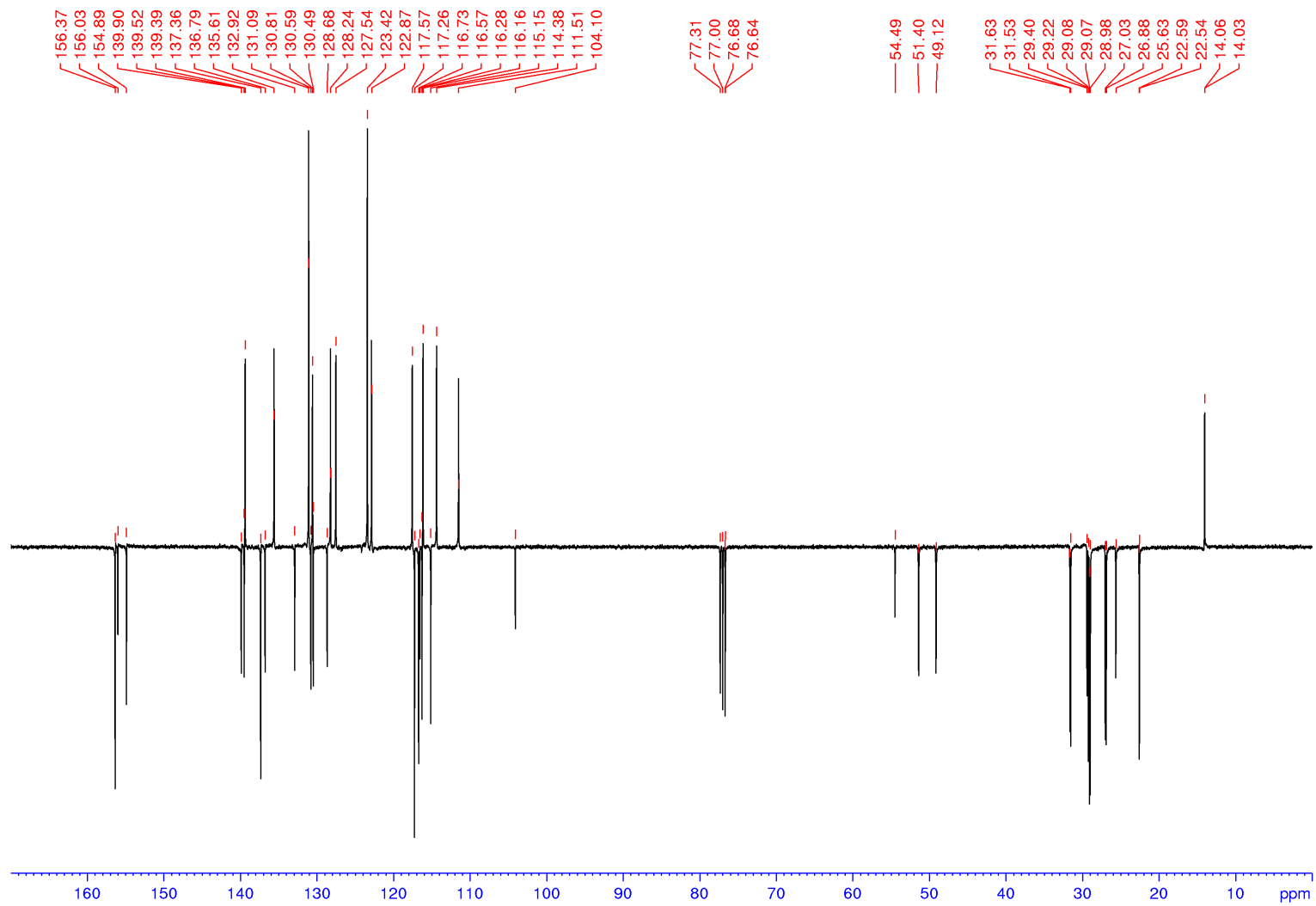


Figure S47.  $^{13}\text{C}$  NMR spectrum of **6e**.