

Electronic Supporting Information #2

## Design and functionalization of bioactive benzoxazines. An unexpected *ortho*-substitution effect

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This ESI contains <sup>1</sup>H and <sup>13</sup>C NMR spectra displayed in full range

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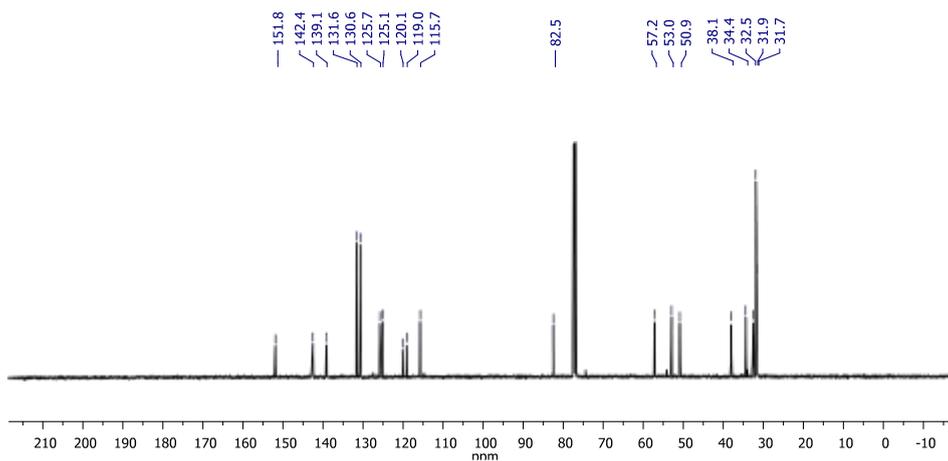


Figure S4.  $^{13}\text{C}$  NMR of **2** in  $\text{CDCl}_3$ .

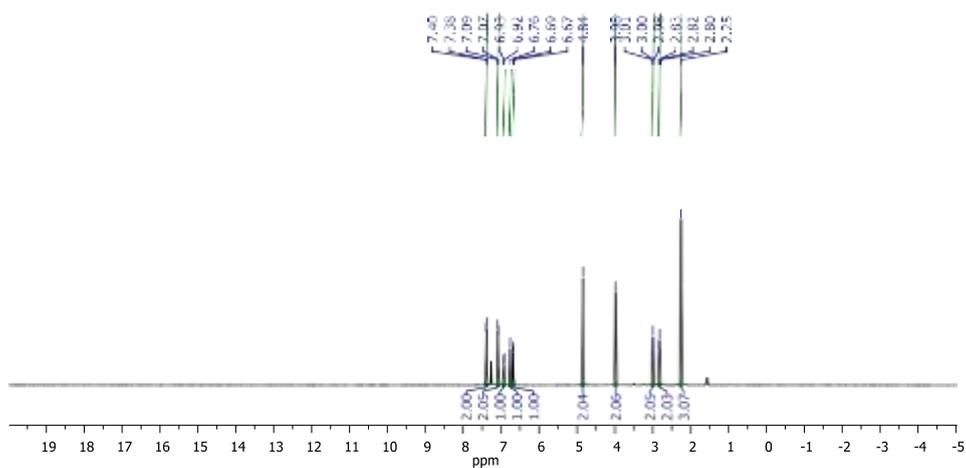


Figure S5.  $^1\text{H}$  NMR of **3** in  $\text{CDCl}_3$ .

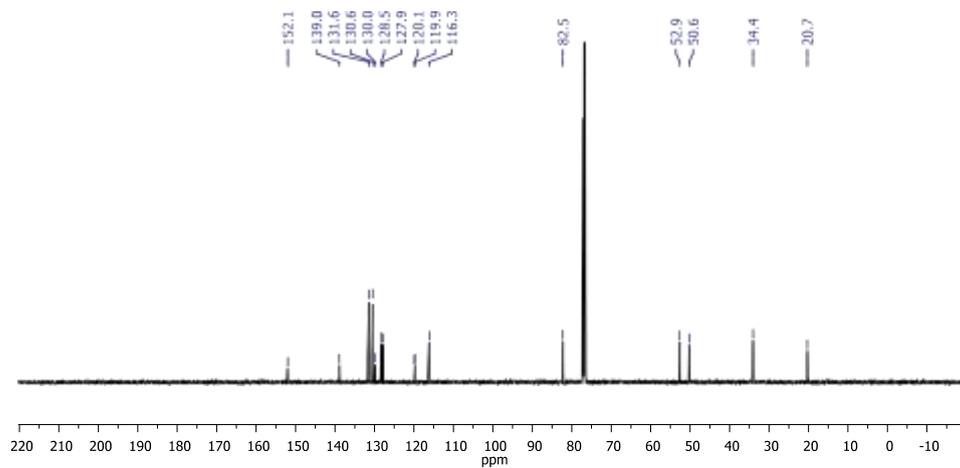


Figure S6.  $^{13}\text{C}$  NMR of **3** in  $\text{CDCl}_3$ .

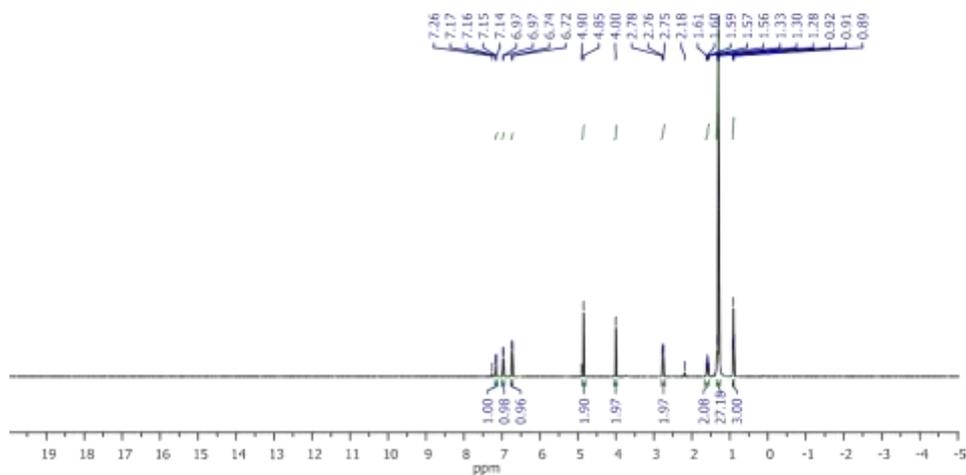


Figure S7.  $^1\text{H}$  NMR of **5** in  $\text{CDCl}_3$ .

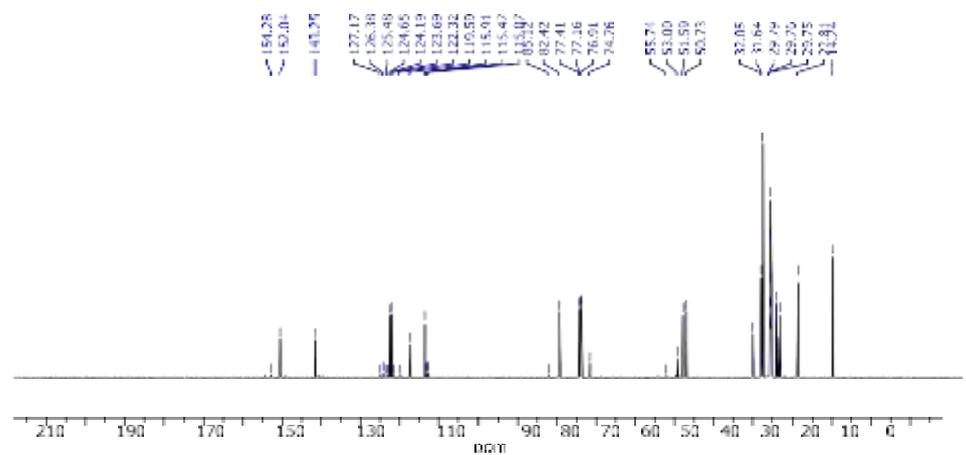


Figure S8.  $^{13}\text{C}$  NMR of **5** in  $\text{CDCl}_3$ .

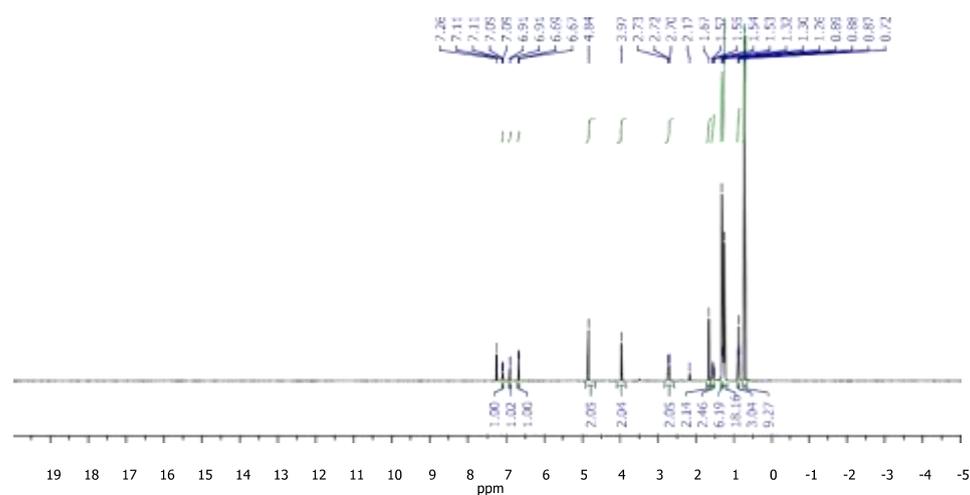


Figure S9.  $^1\text{H}$  NMR of **6** in  $\text{CDCl}_3$ .

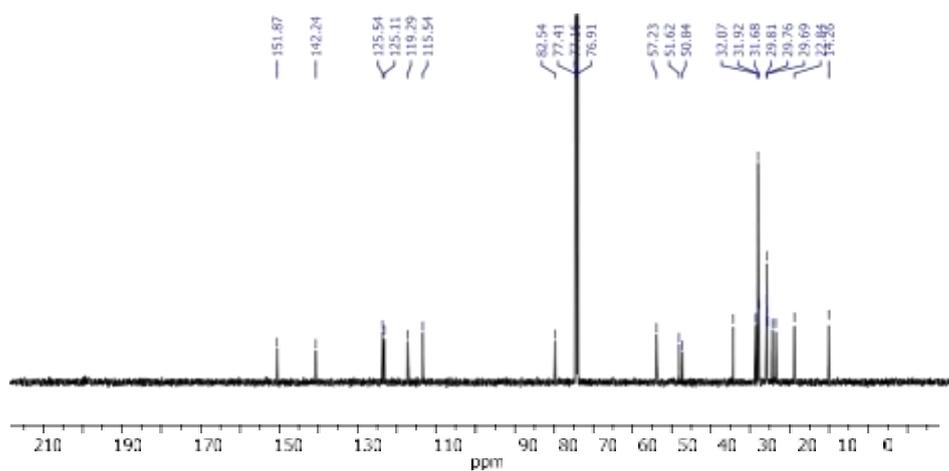


Figure S10.  $^{13}\text{C}$  NMR of 6 in  $\text{CDCl}_3$ .

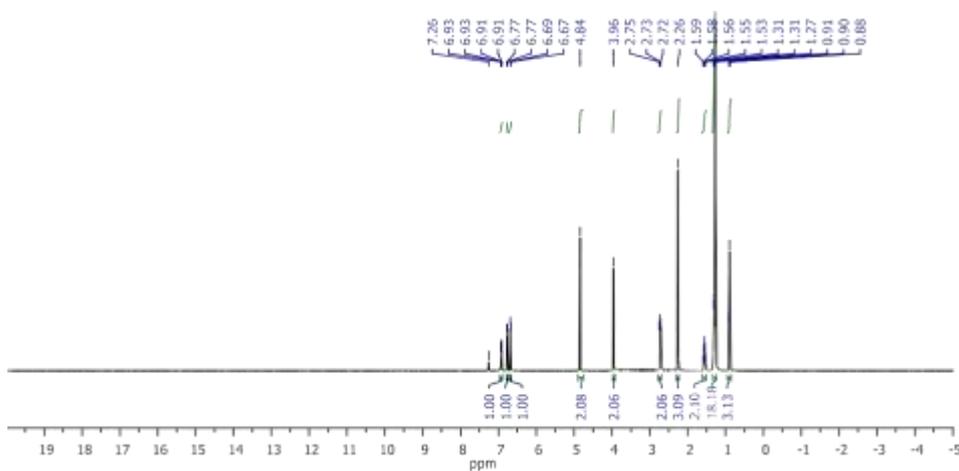


Figure S11.  $^1\text{H}$  NMR of 7 in  $\text{CDCl}_3$ .

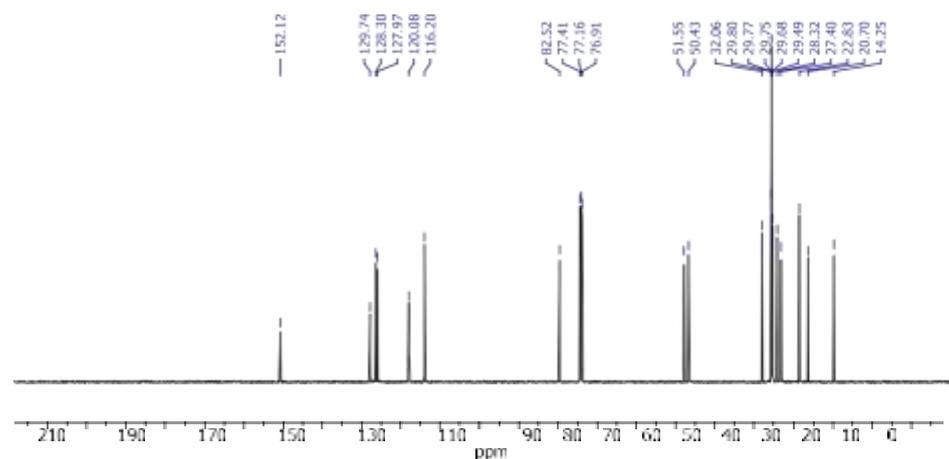


Figure S12.  $^{13}\text{C}$  NMR of 7 in  $\text{CDCl}_3$ .

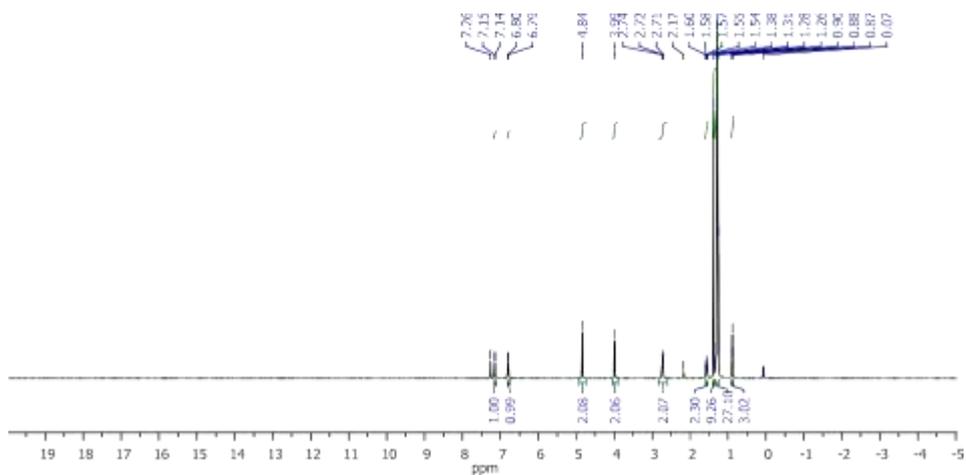


Figure S13.  $^1\text{H}$  NMR of **8** in  $\text{CDCl}_3$ .

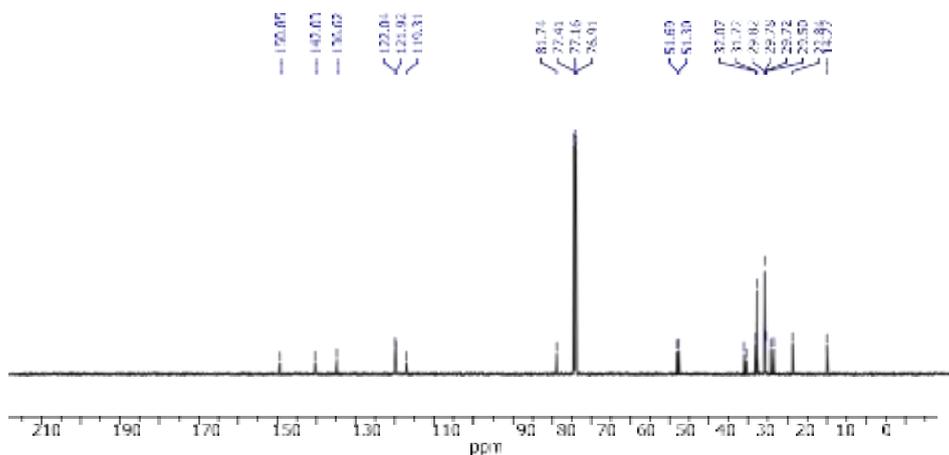


Figure S14.  $^{13}\text{C}$  NMR of **8** in  $\text{CDCl}_3$ .

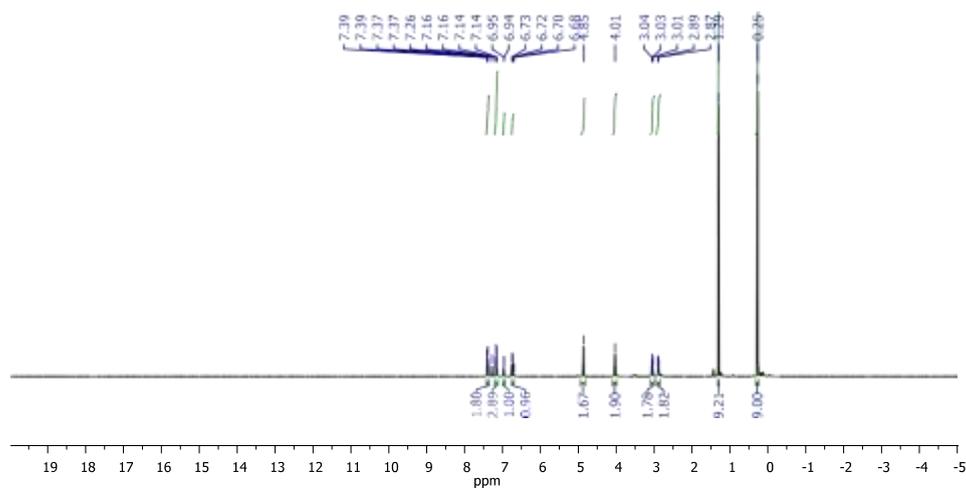


Figure S15.  $^1\text{H}$  NMR of **9** in  $\text{CDCl}_3$ .

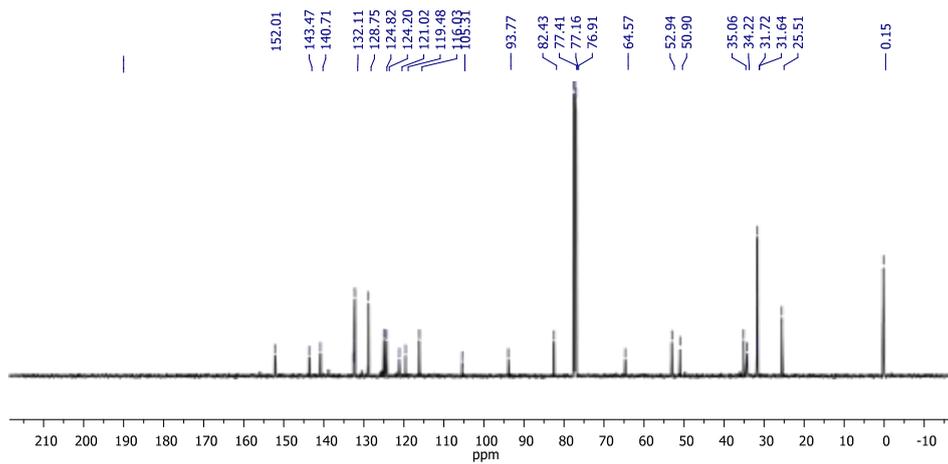


Figure S16.  $^{13}\text{C}$  NMR of **9** in  $\text{CDCl}_3$ .

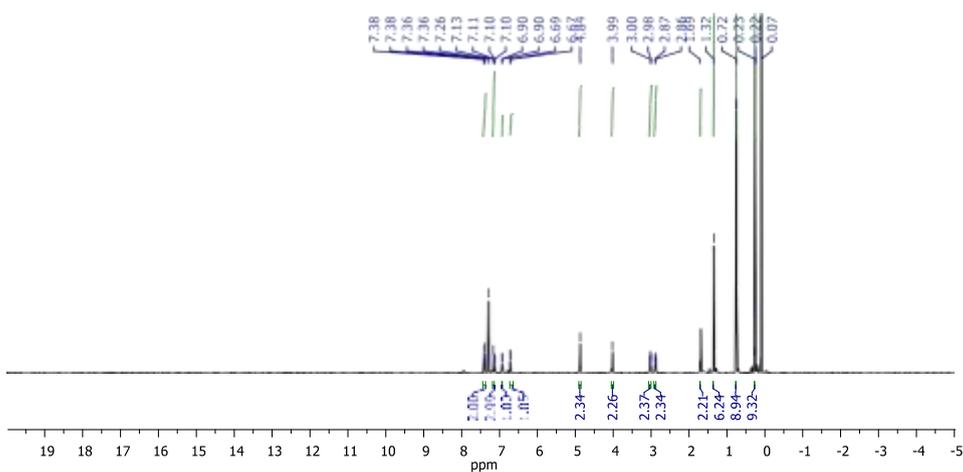


Figure S17.  $^1\text{H}$  NMR of **10** in  $\text{CDCl}_3$ .

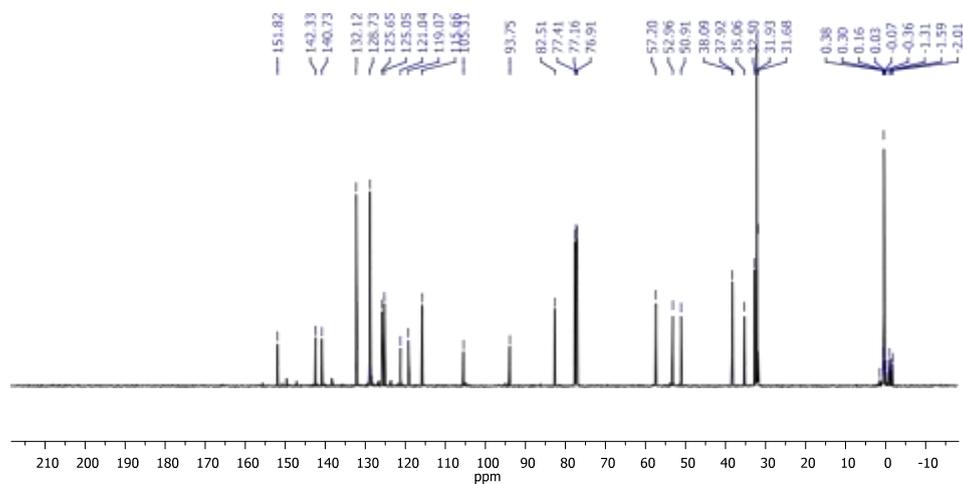


Figure S18.  $^{13}\text{C}$  NMR of **10** in  $\text{CDCl}_3$ .

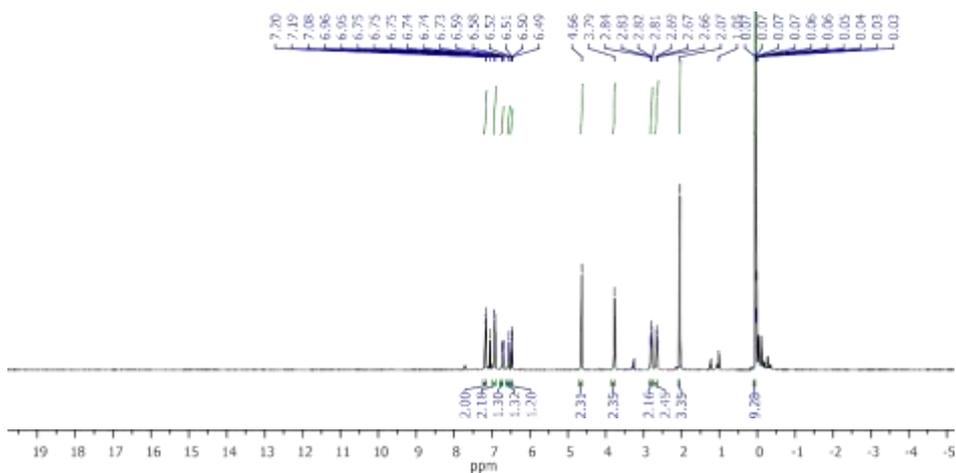


Figure S19.  $^1\text{H}$  NMR of 11 in  $\text{CDCl}_3$ .

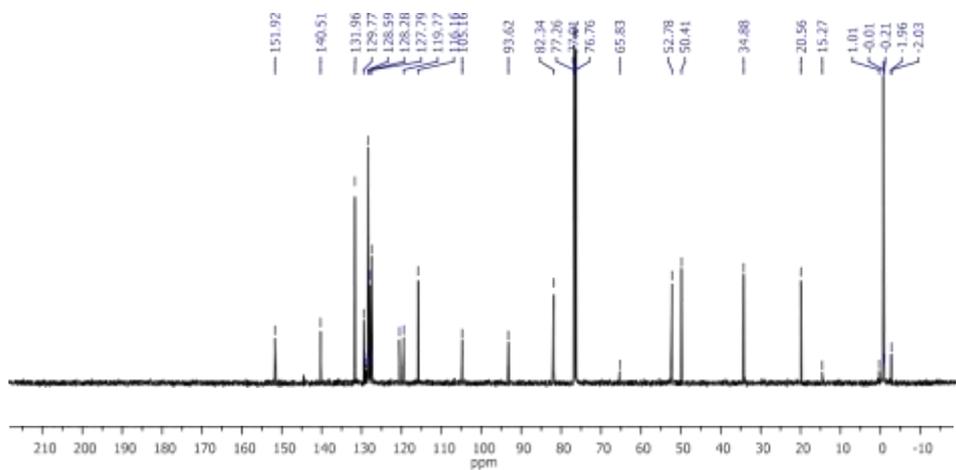


Figure S20.  $^{13}\text{C}$  NMR of 11 in  $\text{CDCl}_3$ .

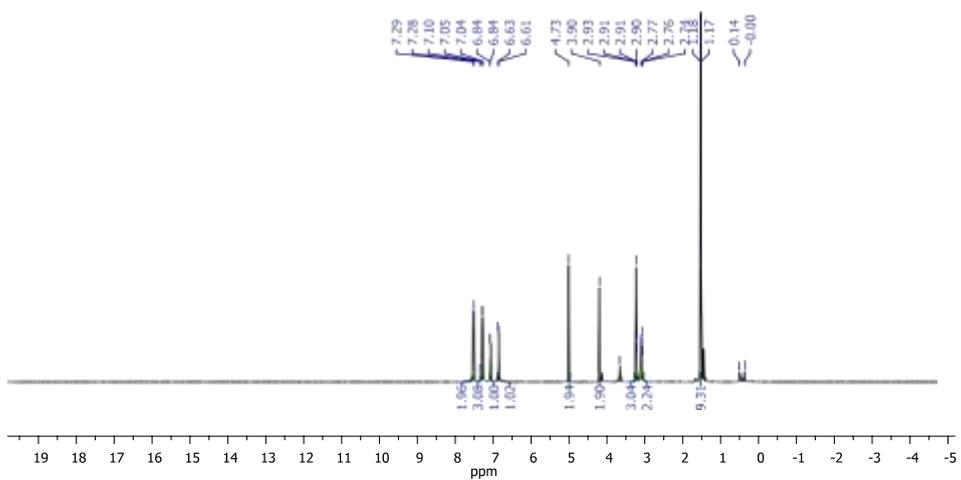


Figure S21.  $^1\text{H}$  NMR of 13 in  $\text{CDCl}_3$ .

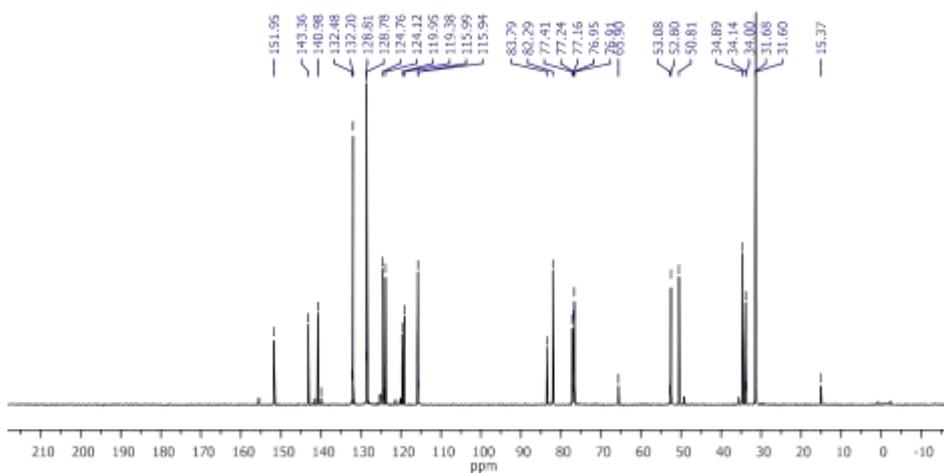


Figure S22.  $^{13}\text{C}$  NMR of **13** in  $\text{CDCl}_3$ .

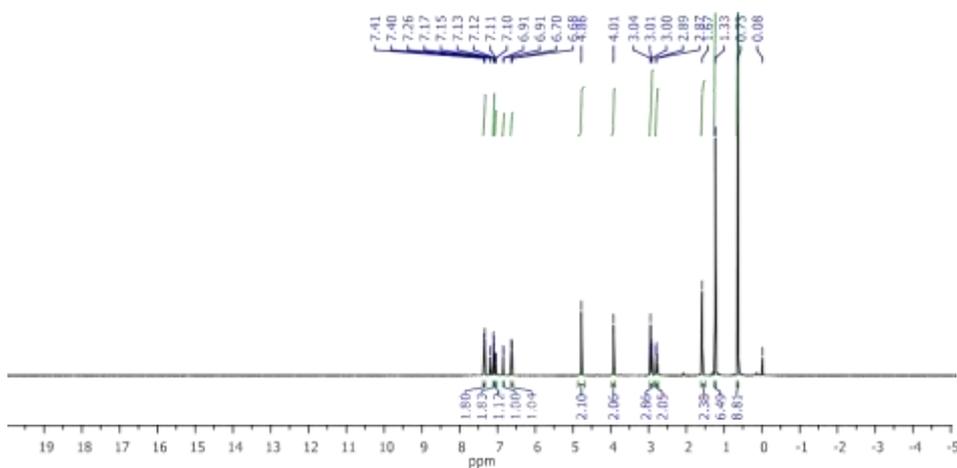


Figure S23.  $^1\text{H}$  NMR of **14** in  $\text{CDCl}_3$ .

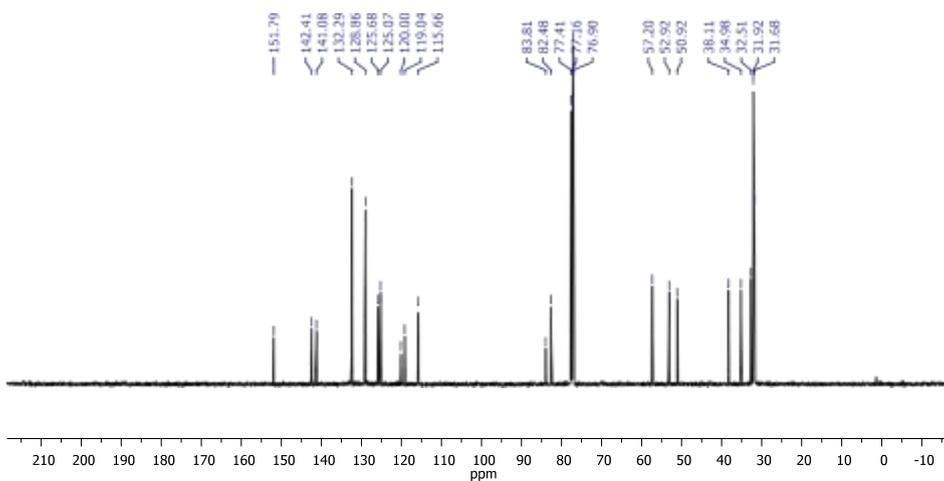


Figure S24.  $^{13}\text{C}$  NMR of **14** in  $\text{CDCl}_3$ .

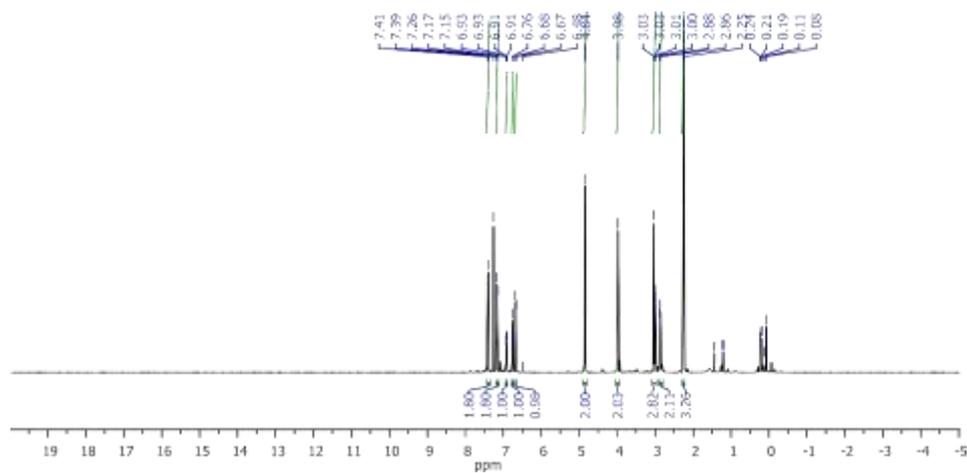


Figure S25.  $^1\text{H}$  NMR of **15** in  $\text{CDCl}_3$ .

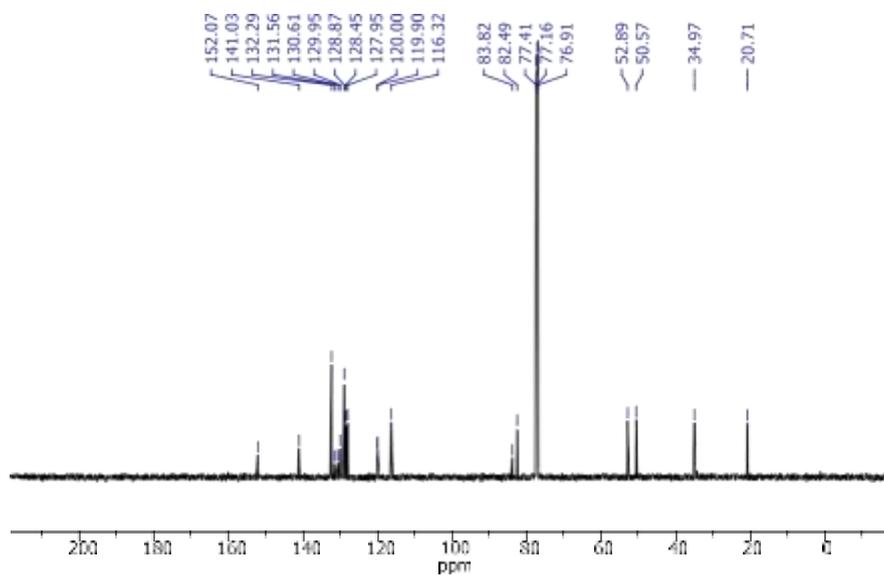


Figure S26.  $^{13}\text{C}$  NMR of **15** in  $\text{CDCl}_3$ .

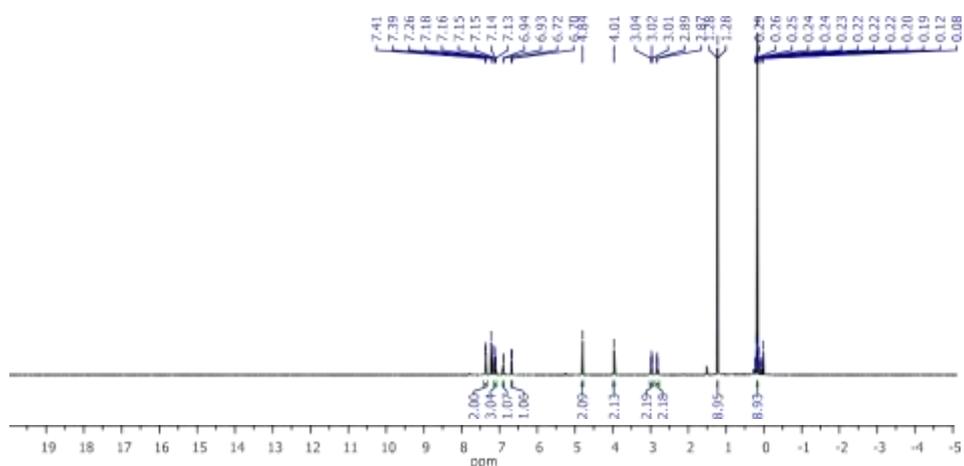


Figure S27.  $^1\text{H}$  NMR of **17** in  $\text{CDCl}_3$ .

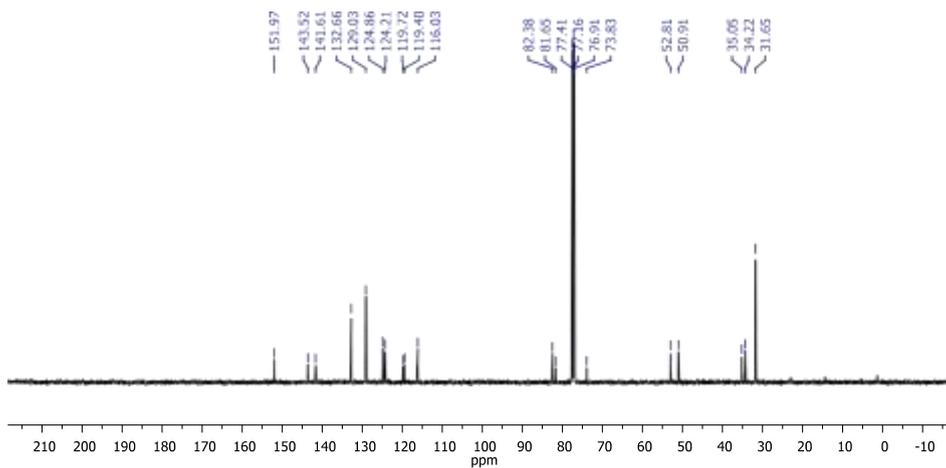


Figure S28.  $^{13}\text{C}$  NMR of **17** in  $\text{CDCl}_3$ .

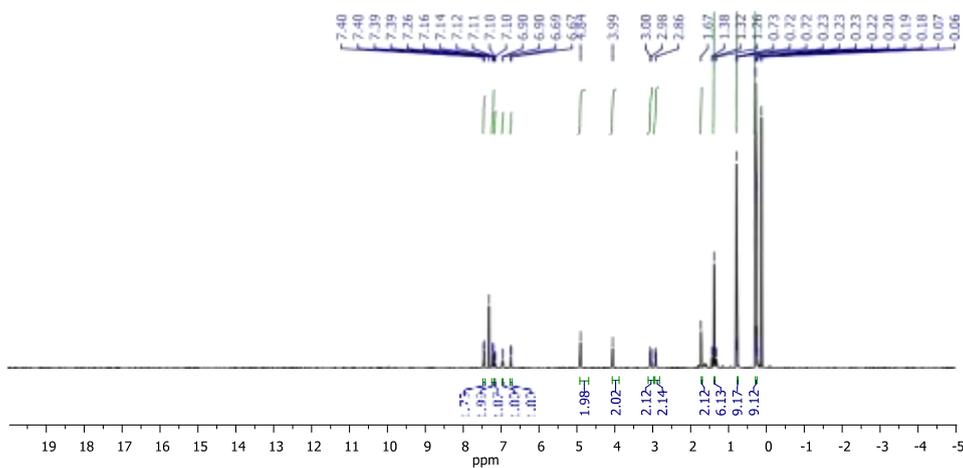


Figure S29.  $^1\text{H}$  NMR of **18** in  $\text{CDCl}_3$ .

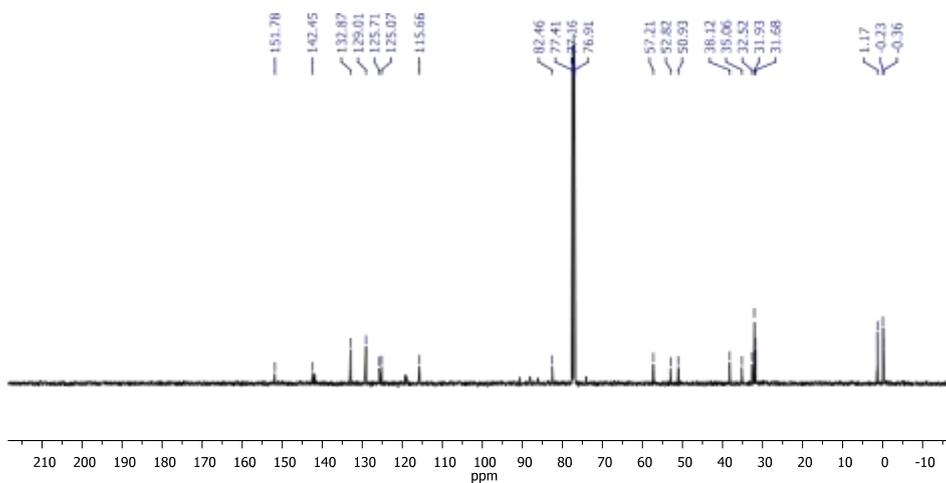


Figure S30.  $^{13}\text{C}$  NMR of **18** in  $\text{CDCl}_3$ .

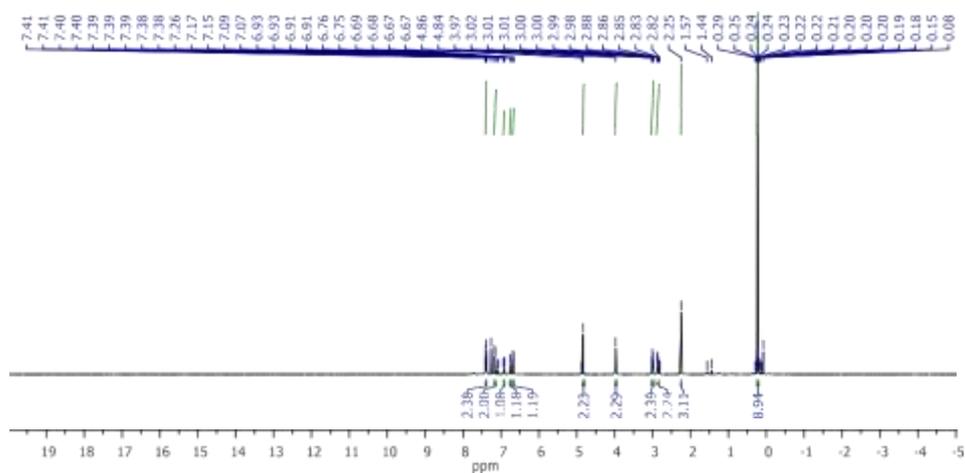


Figure S31.  $^1\text{H}$  NMR of **19** in  $\text{CDCl}_3$ .

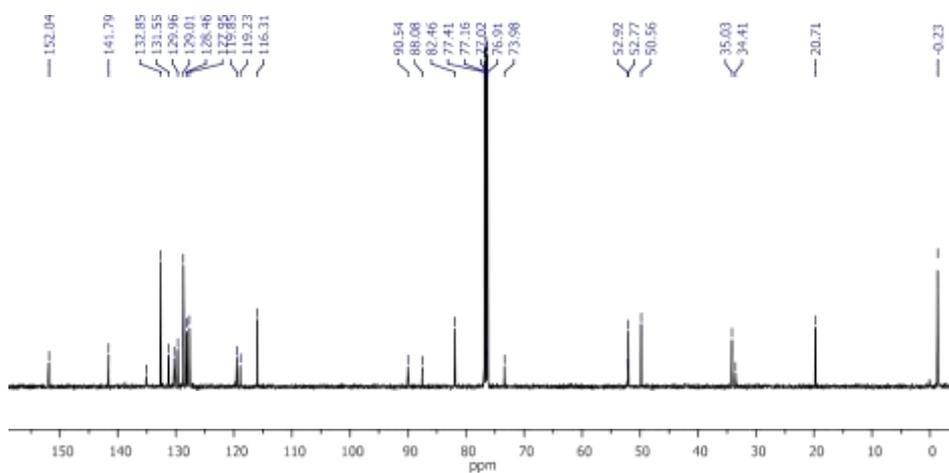


Figure S32.  $^{13}\text{C}$  NMR of **19** in  $\text{CDCl}_3$ .

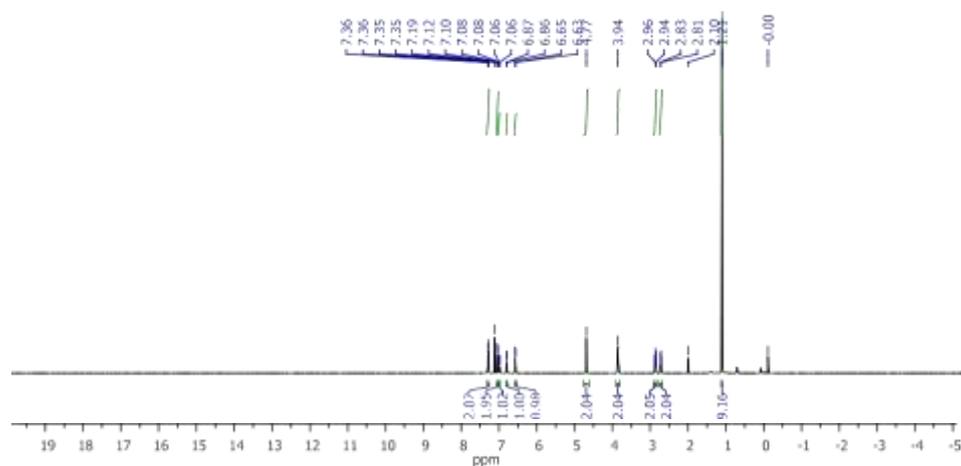


Figure S33.  $^1\text{H}$  NMR of **20** in  $\text{CDCl}_3$ .

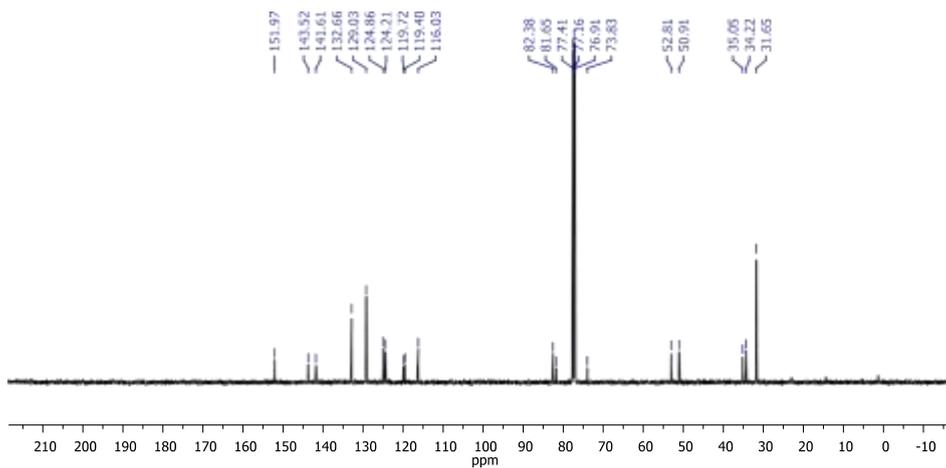


Figure S34.  $^{13}\text{C}$  NMR of **20** in  $\text{CDCl}_3$ .

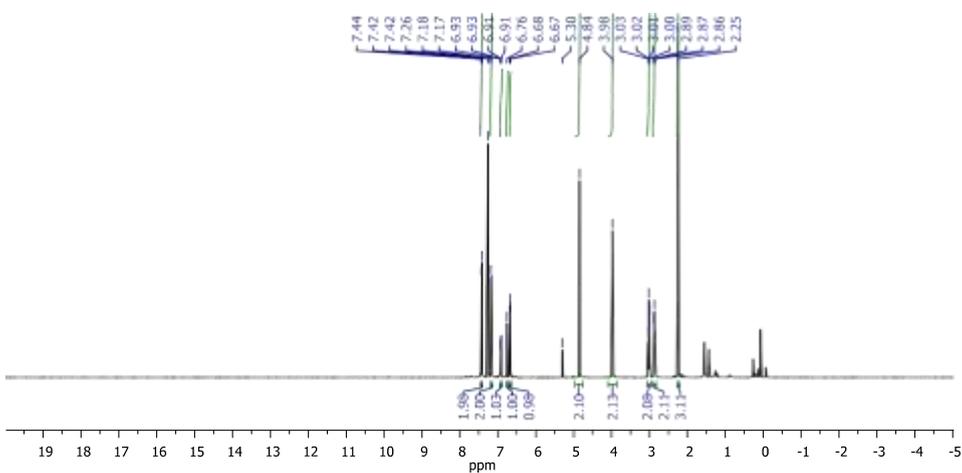


Figure S35.  $^1\text{H}$  NMR of **21** in  $\text{CDCl}_3$ .

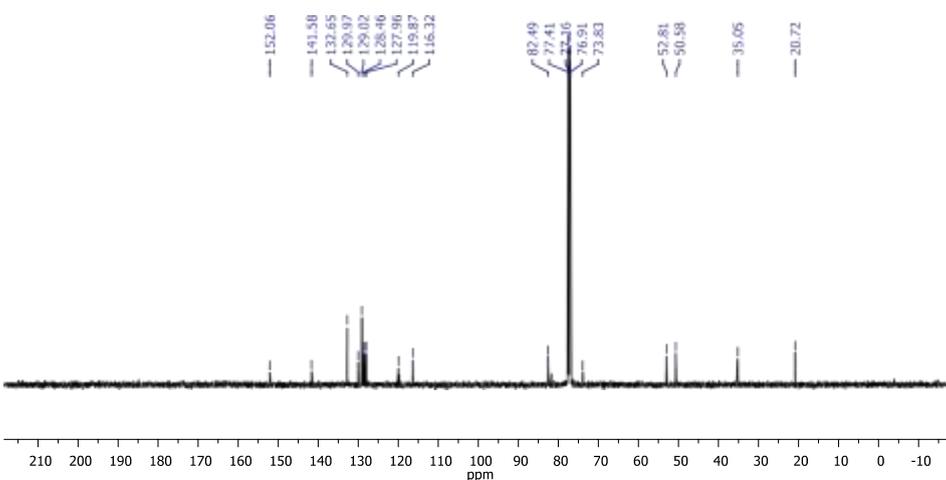


Figure S36.  $^{13}\text{C}$  NMR of **21** in  $\text{CDCl}_3$ .