

# SUPPORTING INFORMATION

## Nickel(0)-Catalyzed Cross-Coupling of Alkyl Arenesulfonates with Aryl Grignard Reagents

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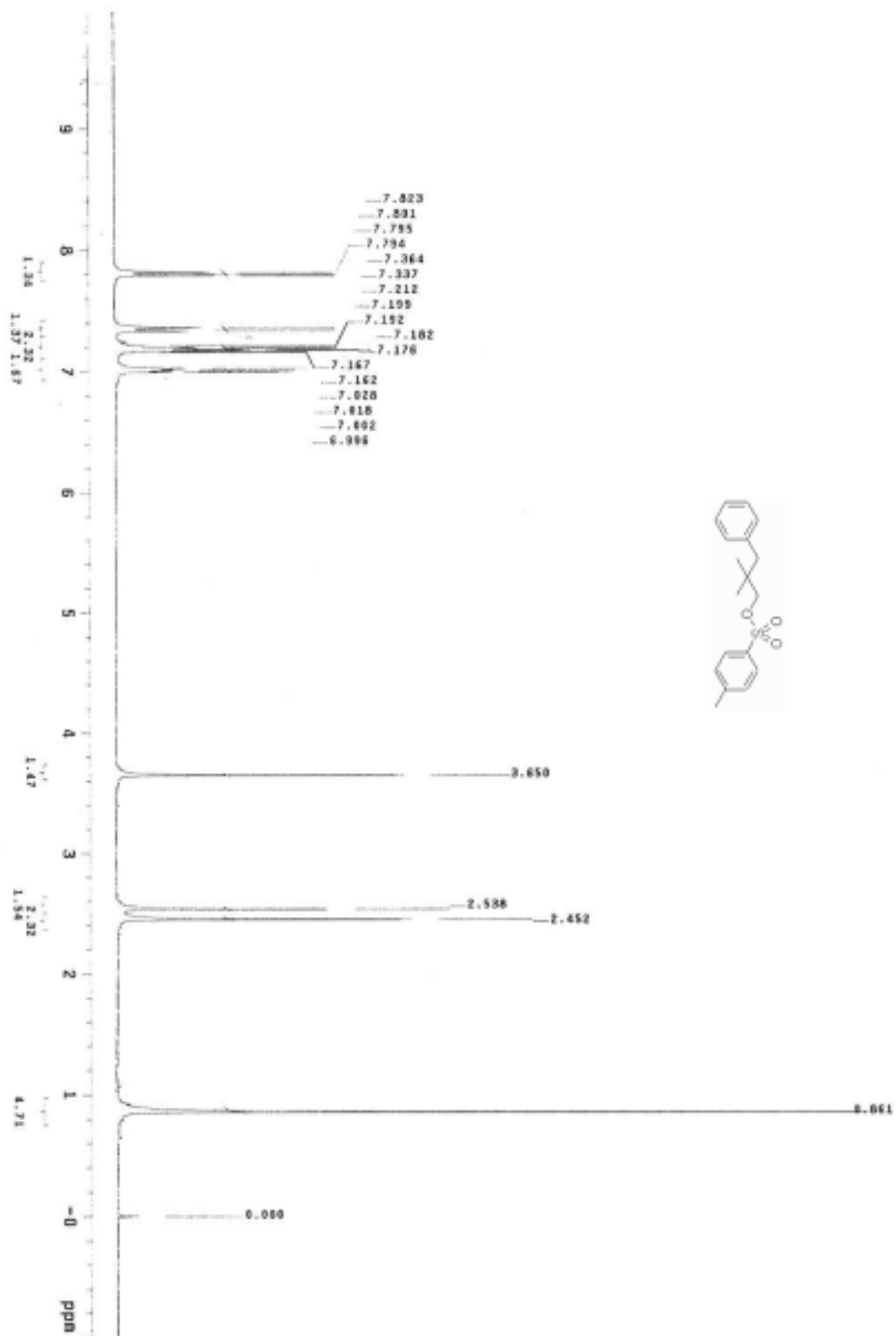


Figure S1. <sup>1</sup>H NMR spectrum of 1a

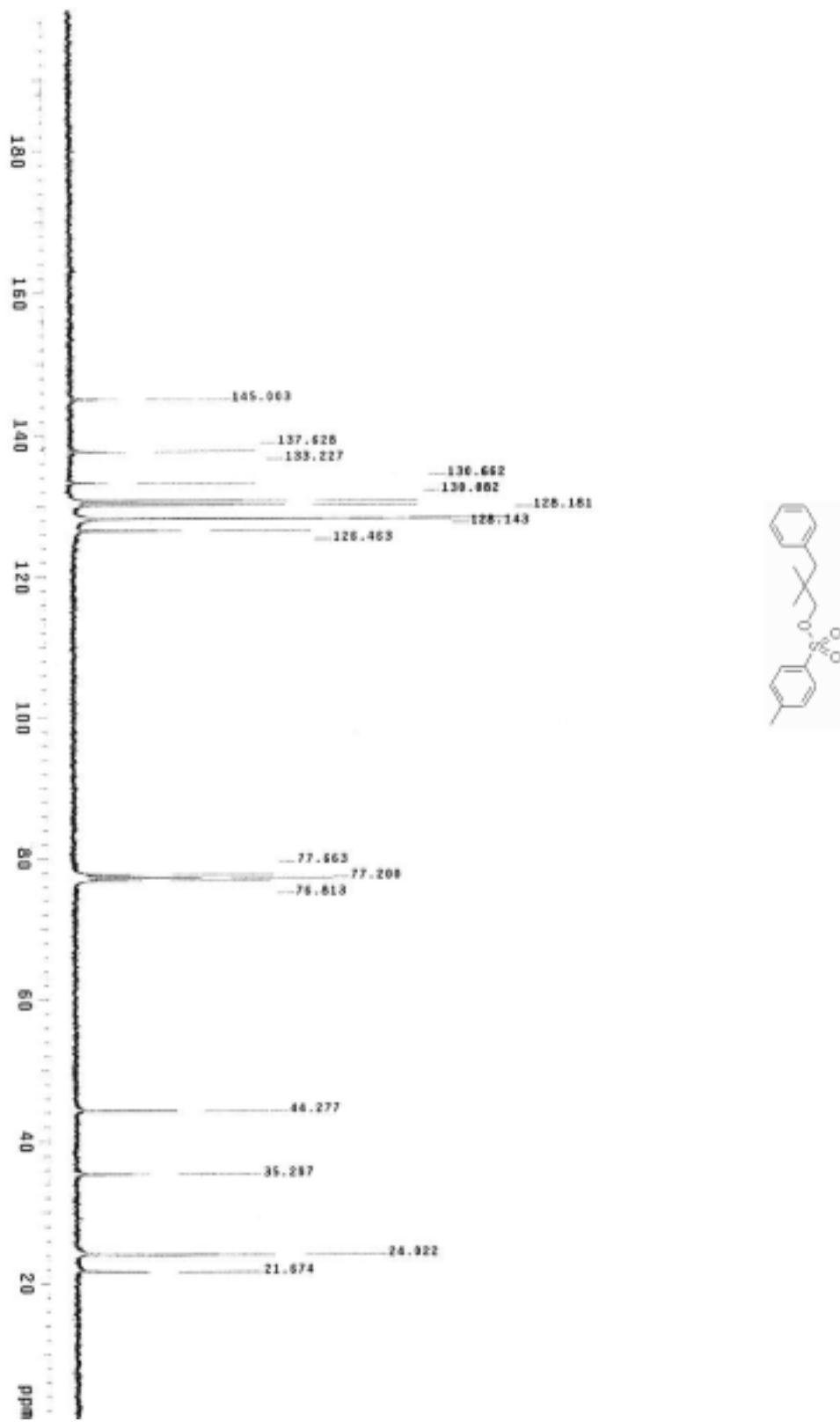


Figure S2.  $^{13}\text{C}$  NMR spectrum of 1a

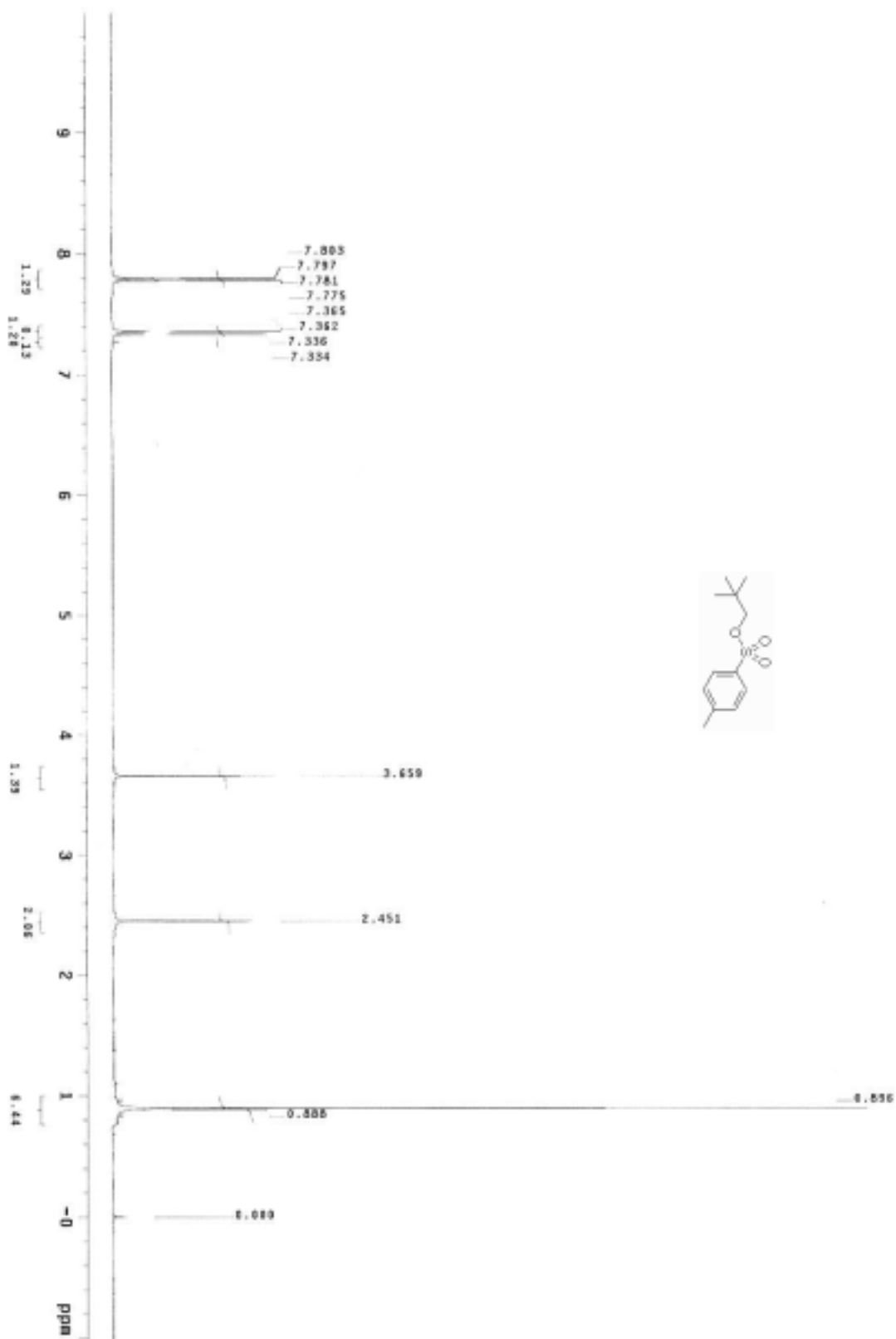


Figure S3. <sup>1</sup>H NMR spectrum of 1b

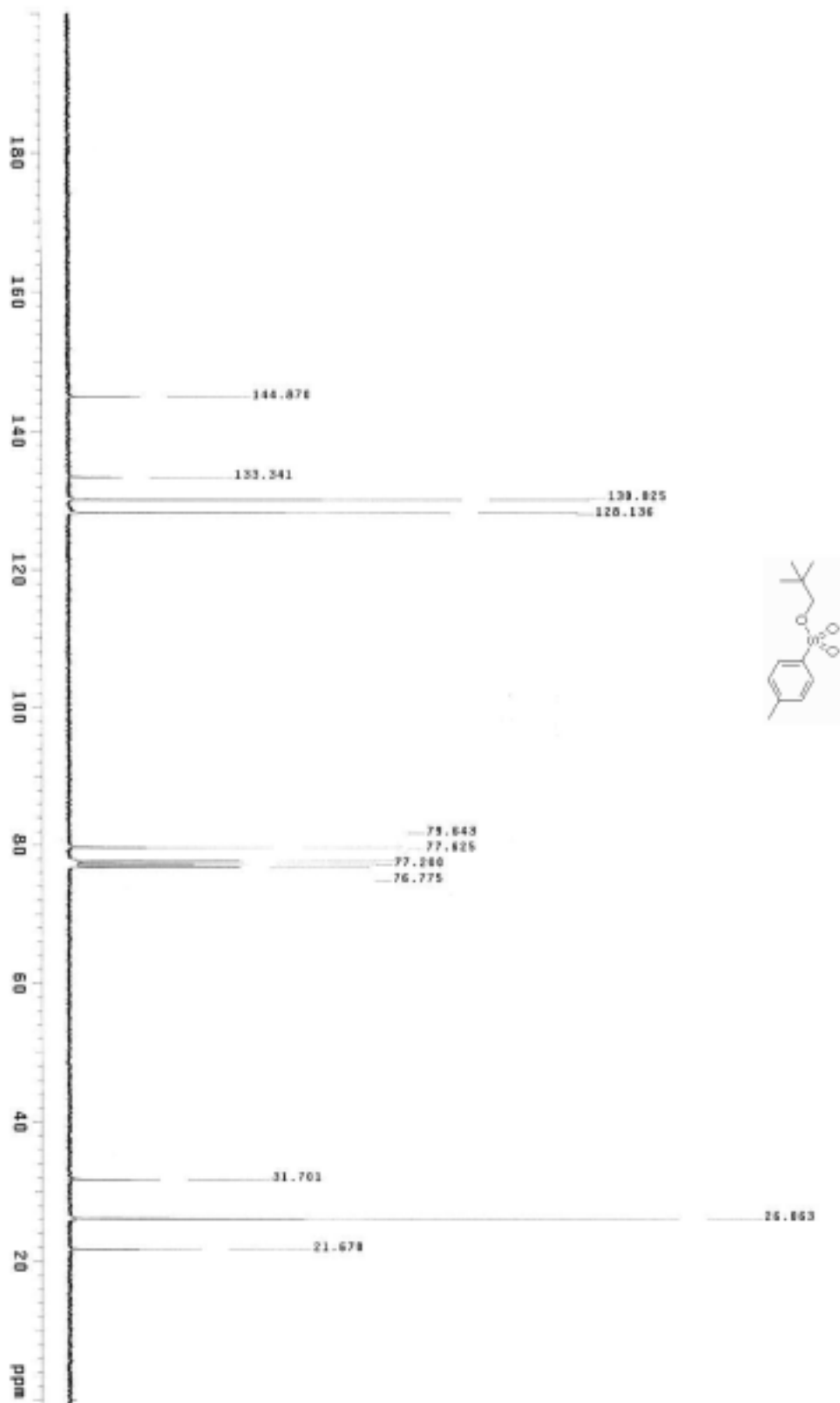


Figure S4.  $^{13}\text{C}$  NMR spectrum of 1b

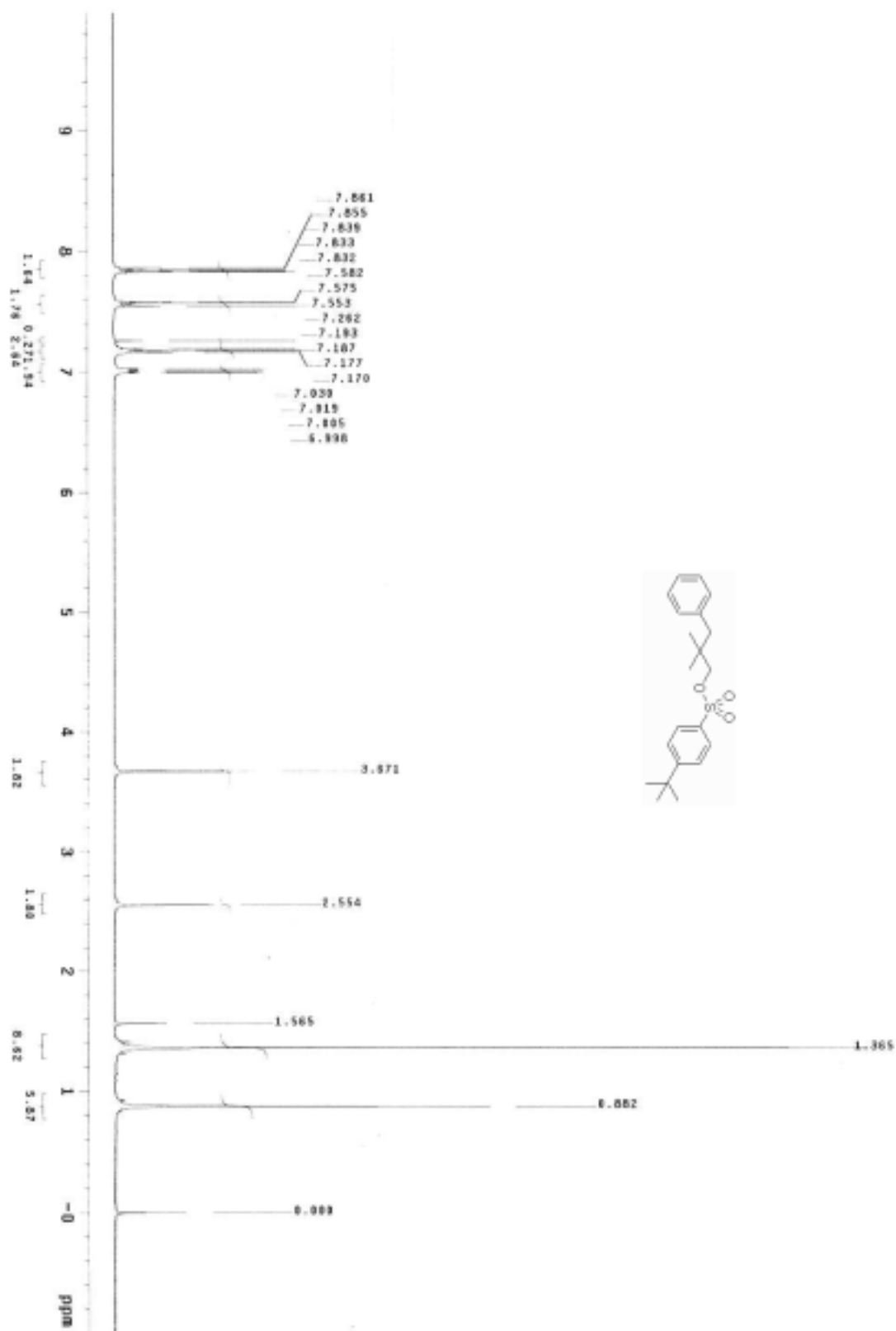


Figure S5.  $^1\text{H}$  NMR spectrum of 1c



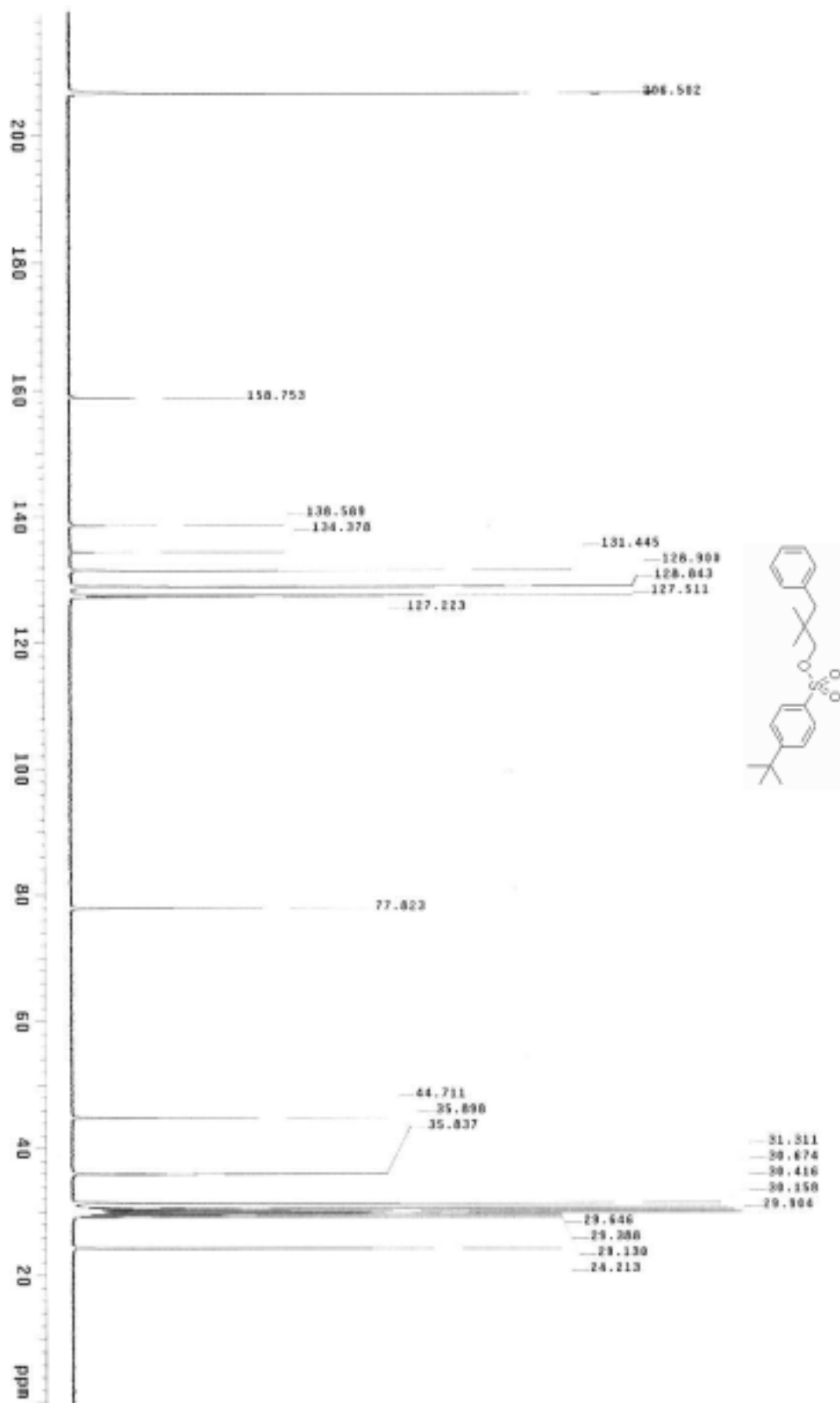


Figure S6.  $^{13}\text{C}$  NMR spectrum of 1c



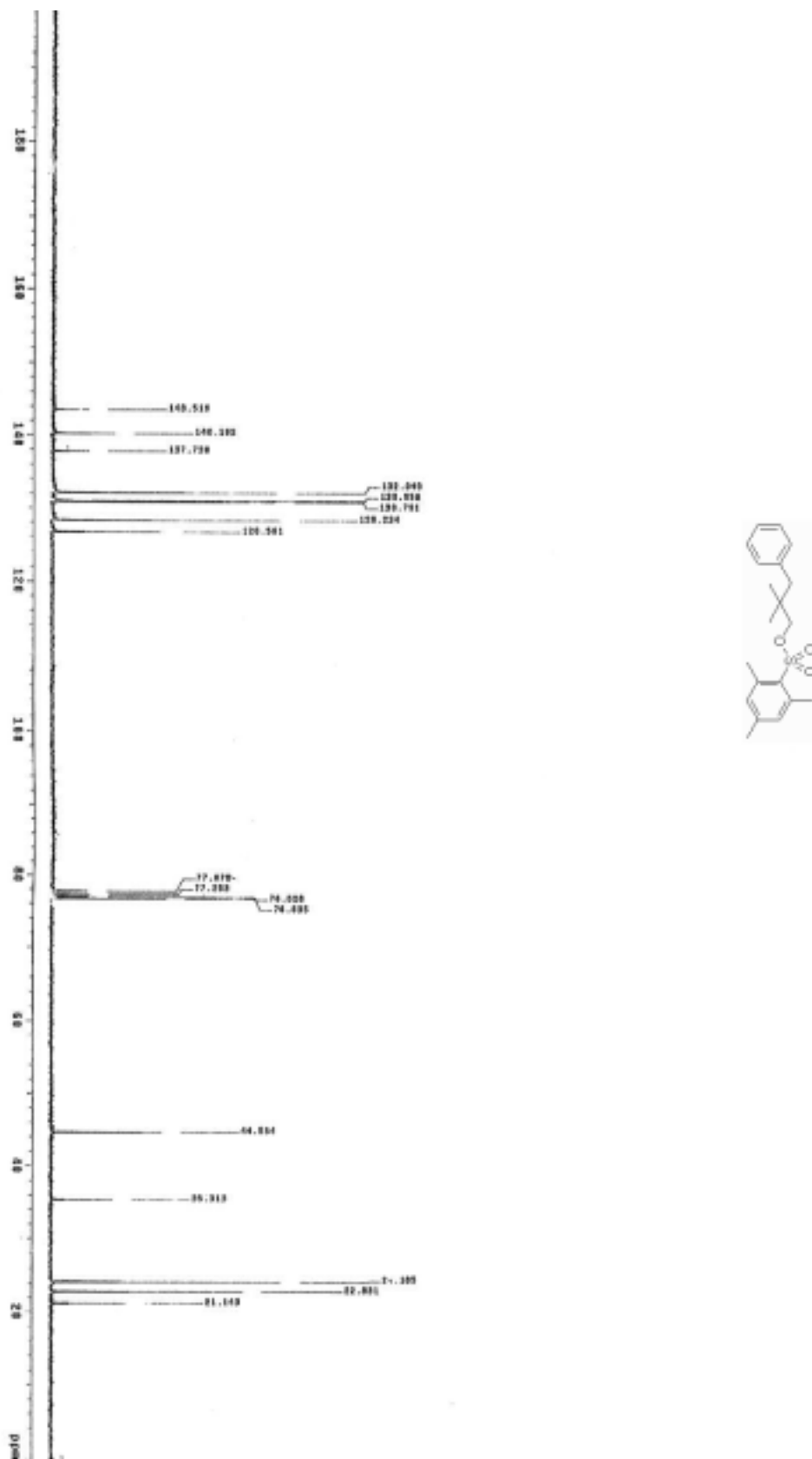


Figure S8. <sup>13</sup>C NMR spectrum of 1d

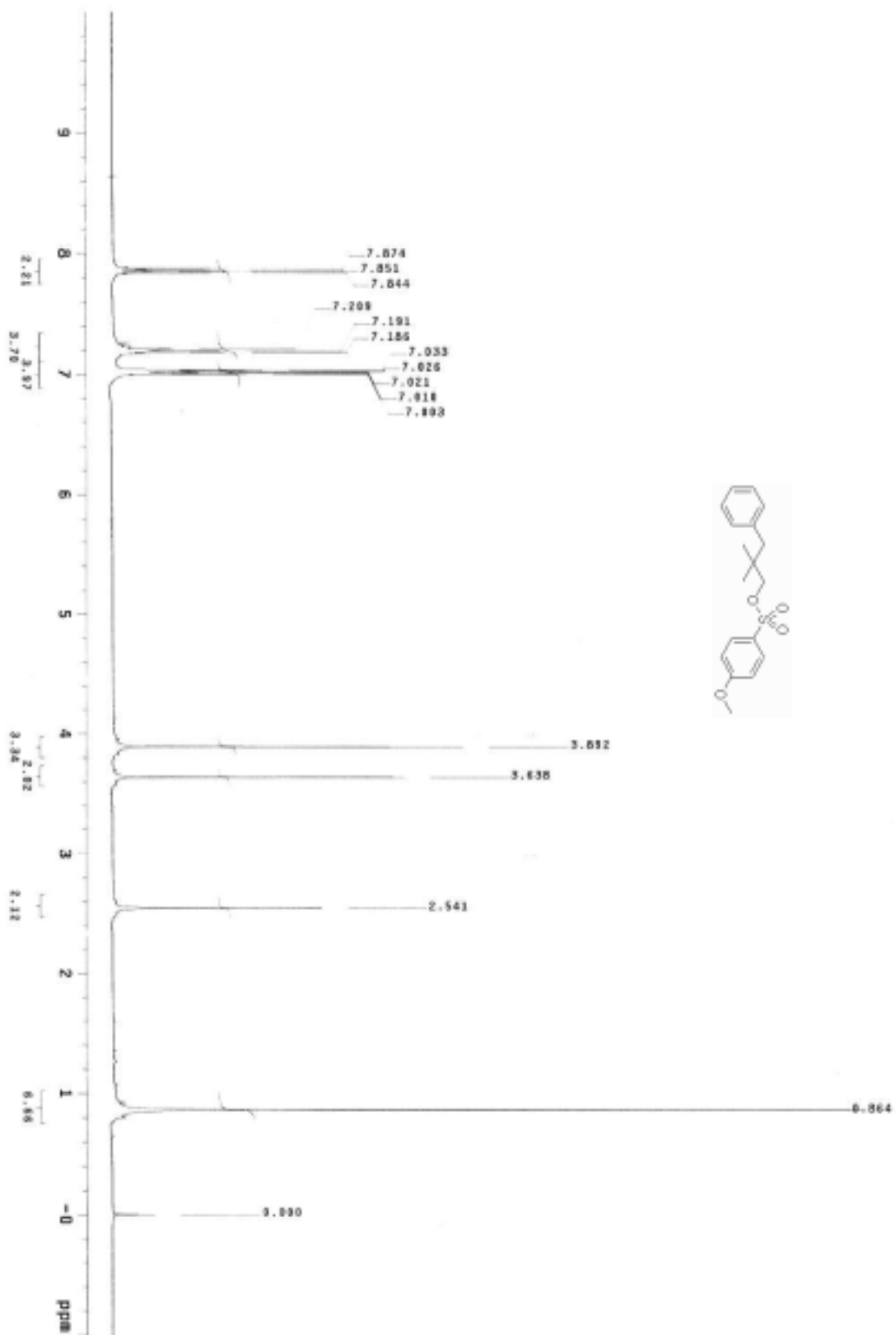
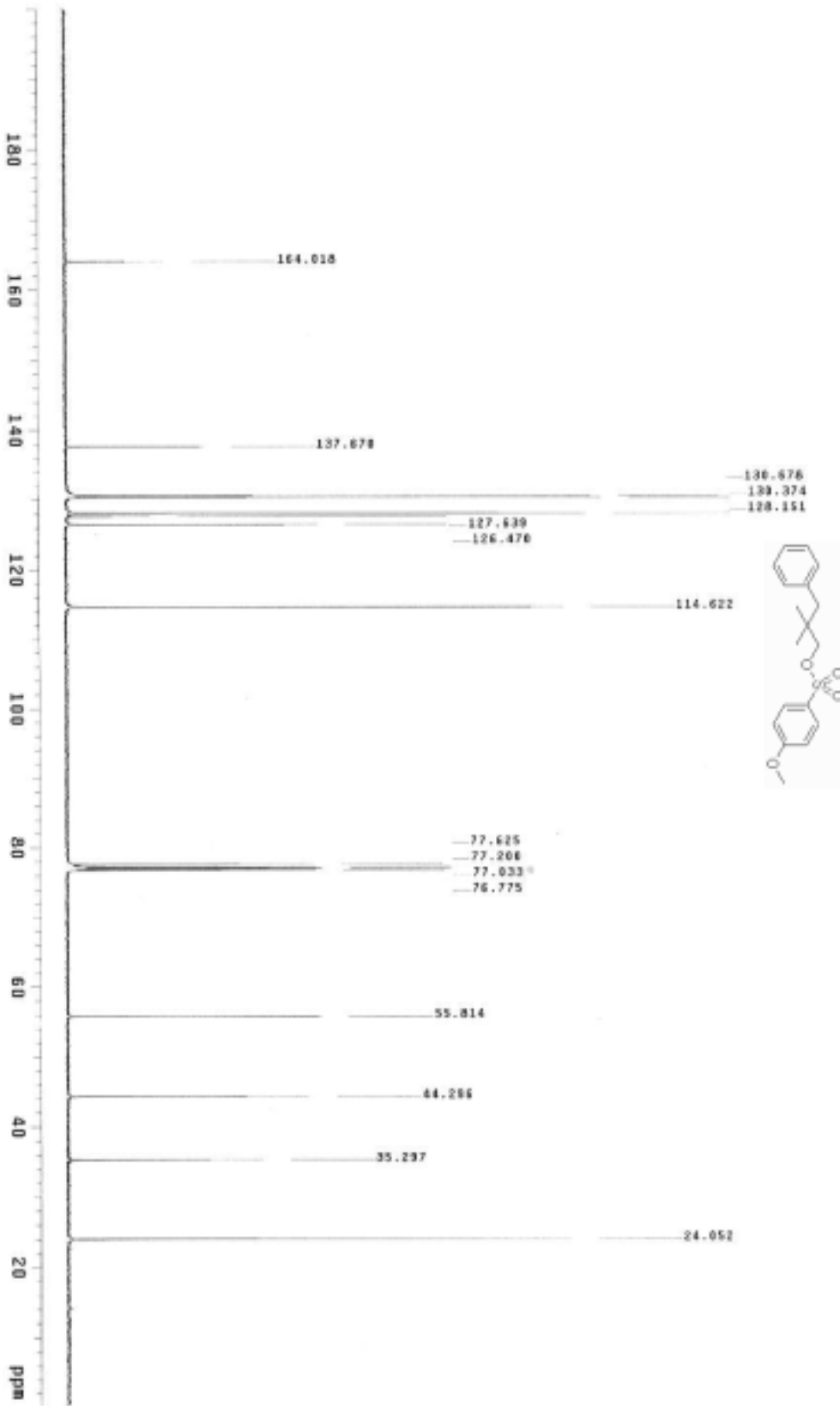


Figure S9. <sup>1</sup>H NMR spectrum of 1e



**Figure S10.**  $^{13}\text{C}$  NMR spectrum of **1e**

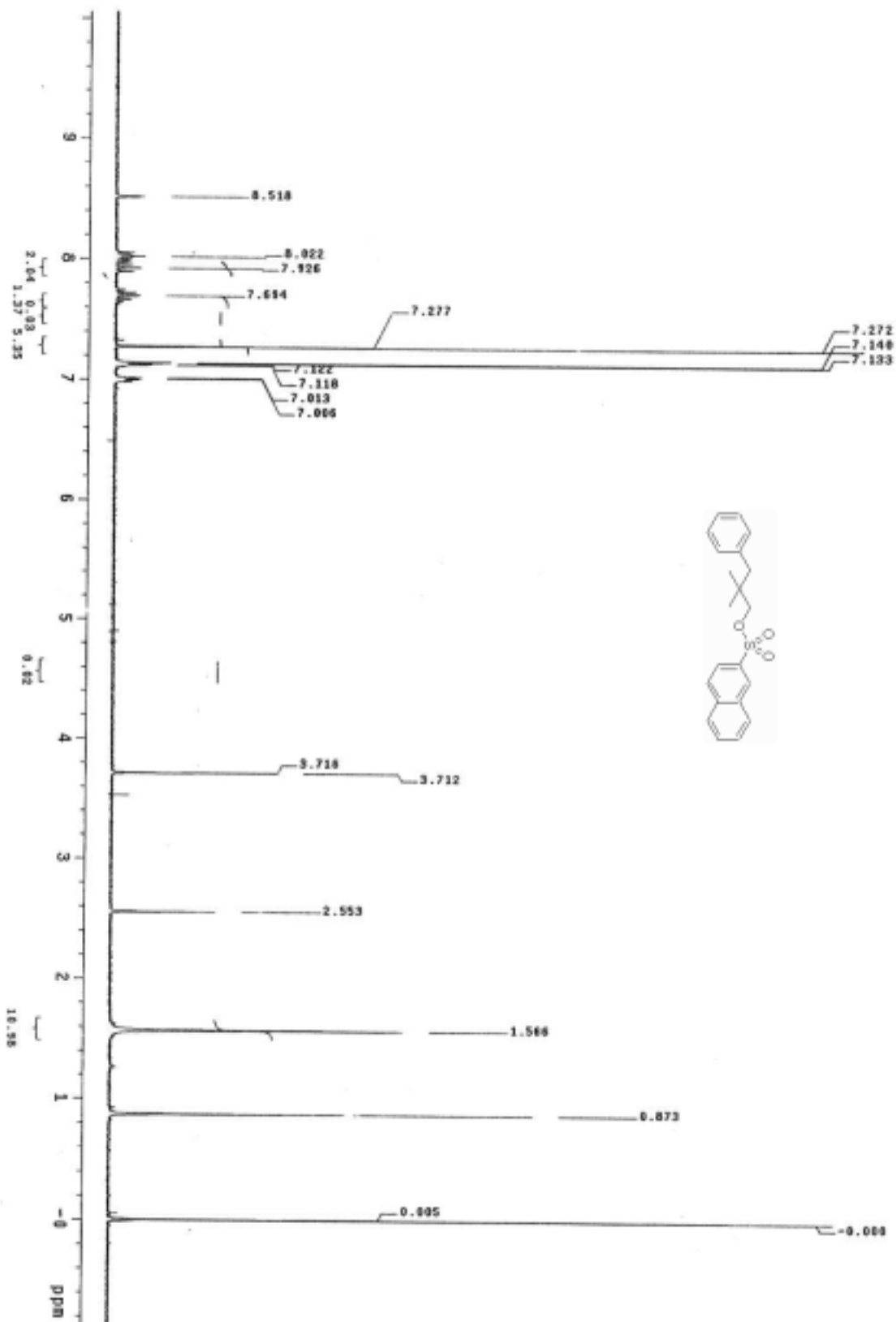


Figure S11.  $^1\text{H}$  NMR spectrum of 1f

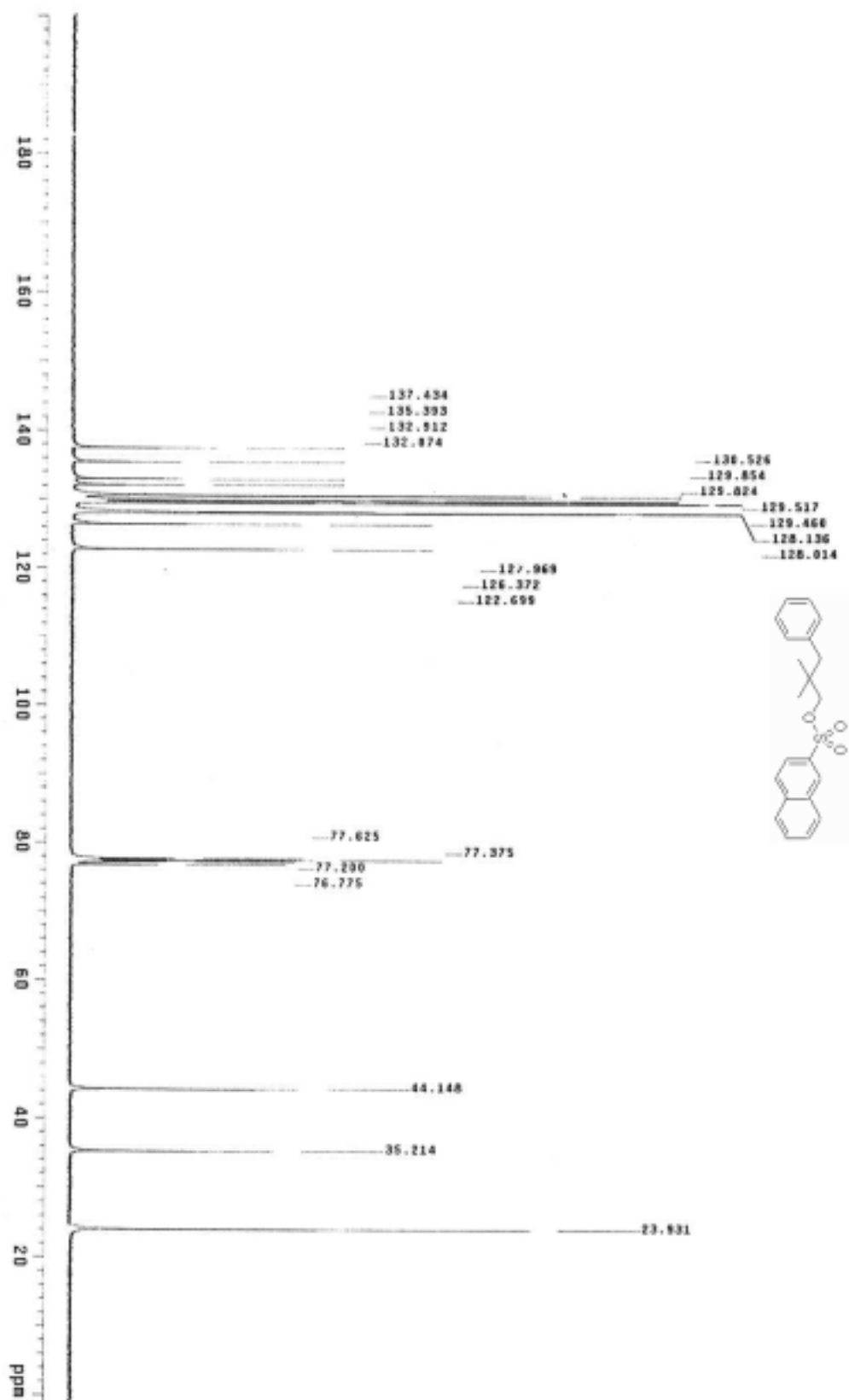


Figure S12.  $^{13}\text{C}$  NMR spectrum of 1f

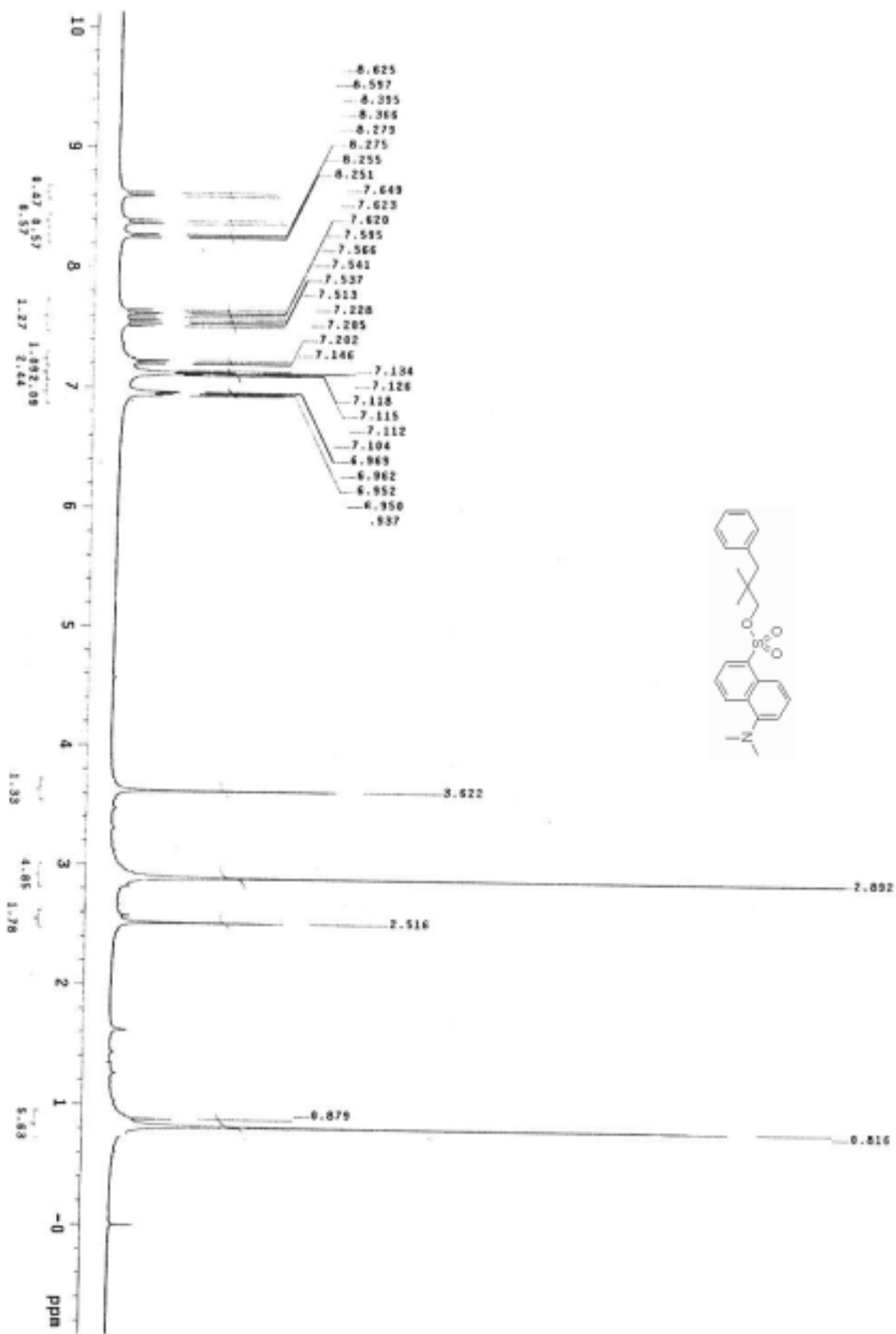


Figure S13. <sup>1</sup>H NMR spectrum of 1g



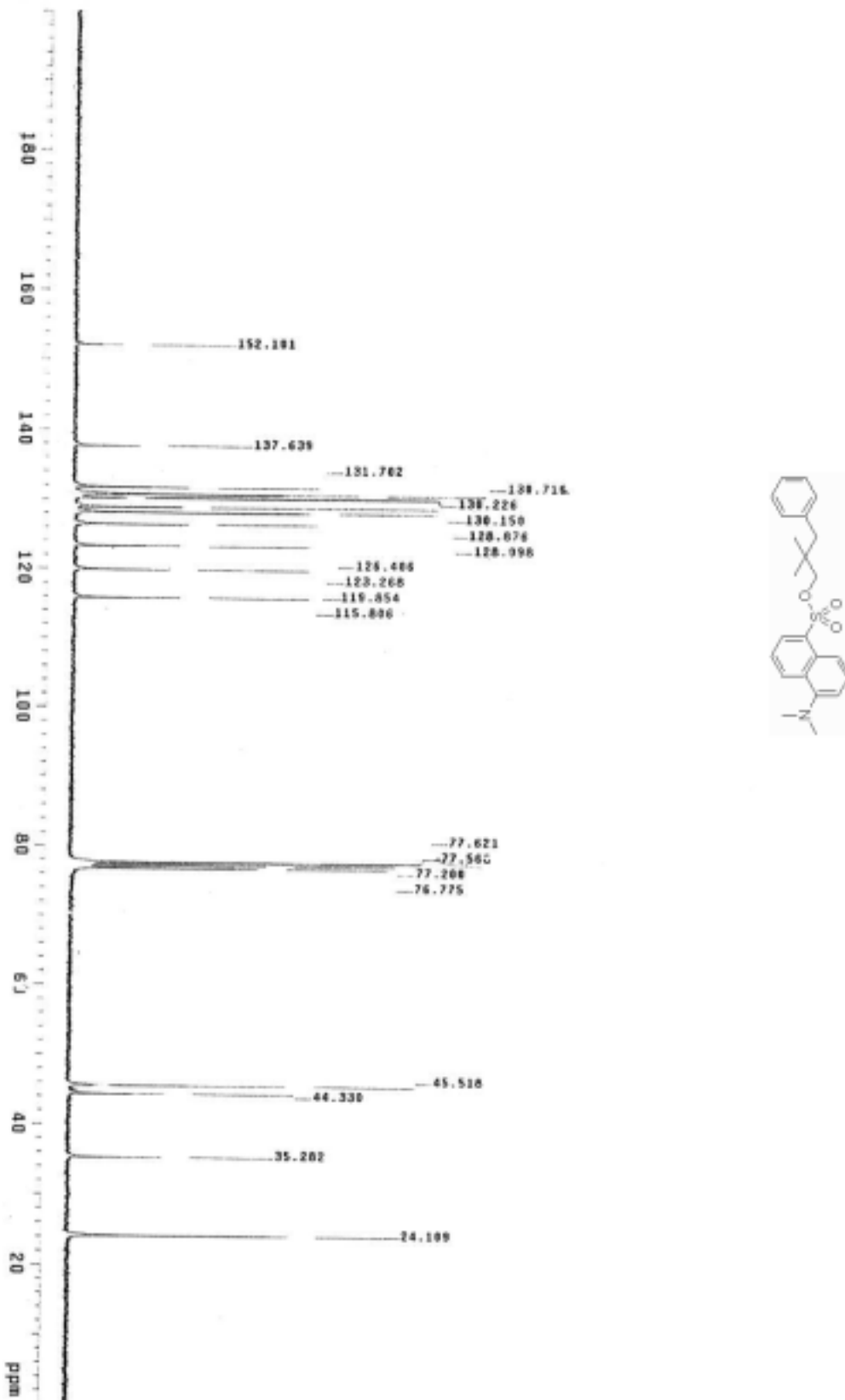


Figure S14.  $^{13}\text{C}$  NMR spectrum of 1g

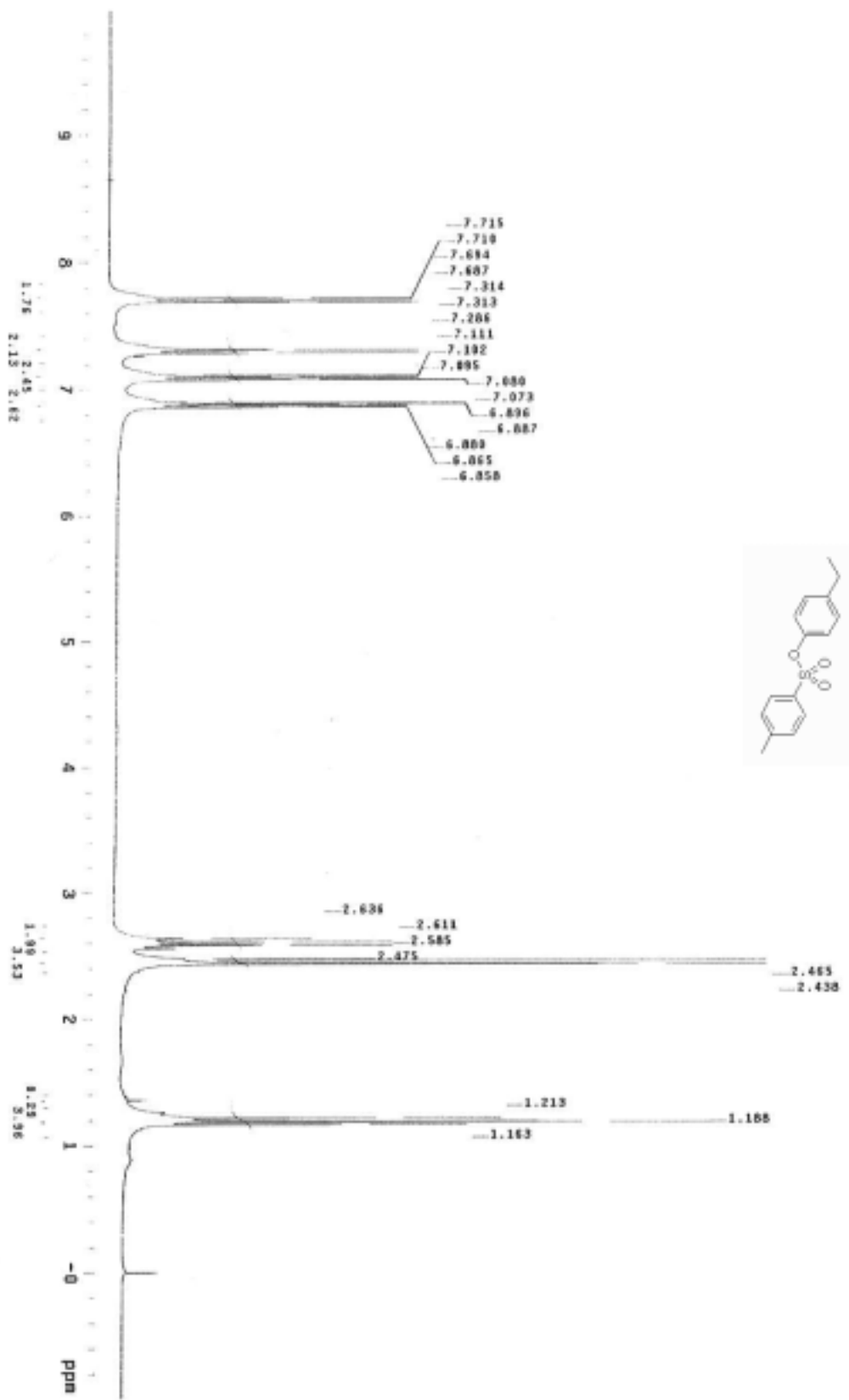


Figure S15. <sup>1</sup>H NMR spectrum of 1h

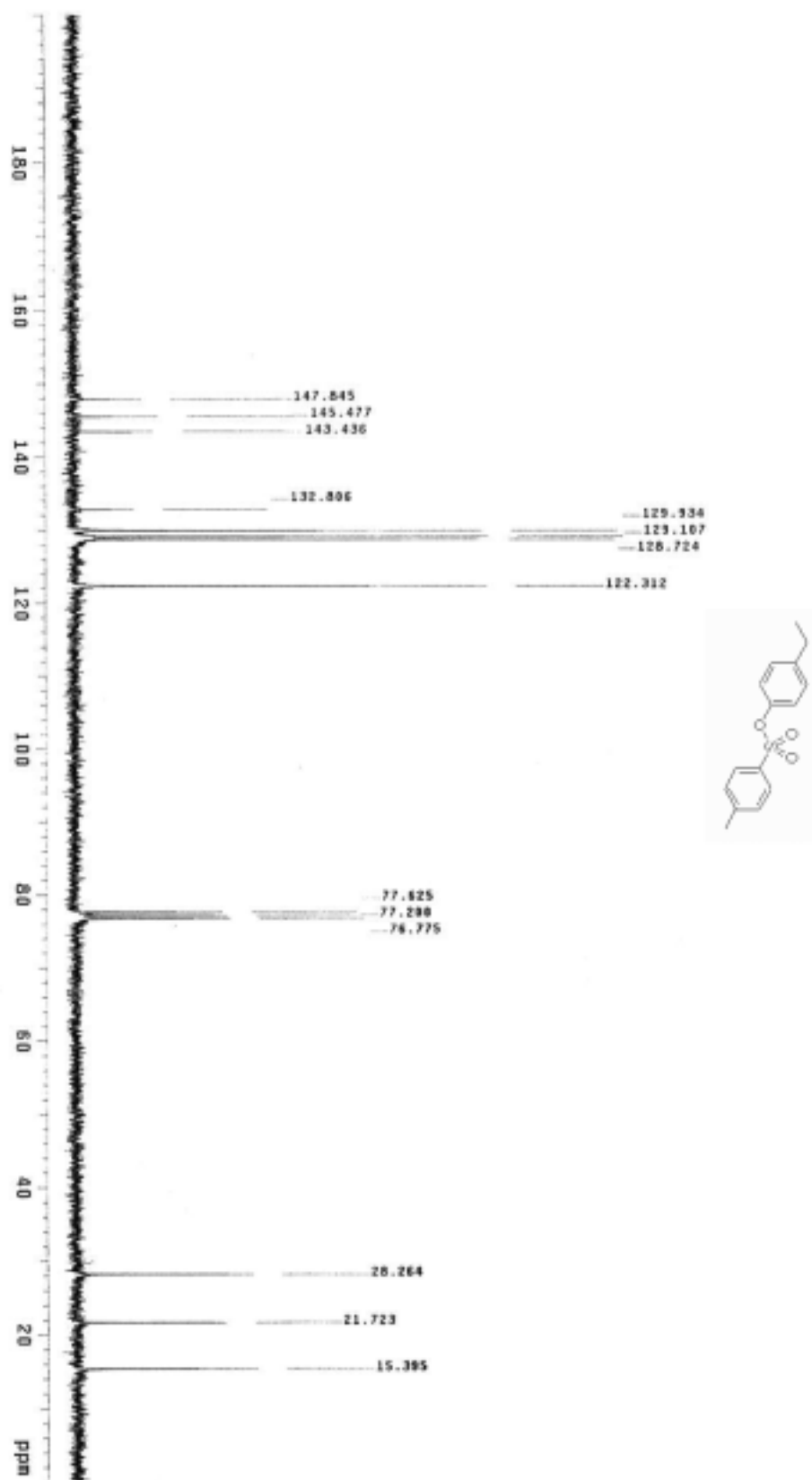


Figure S16.  $^{13}\text{C}$  NMR spectrum of 1h

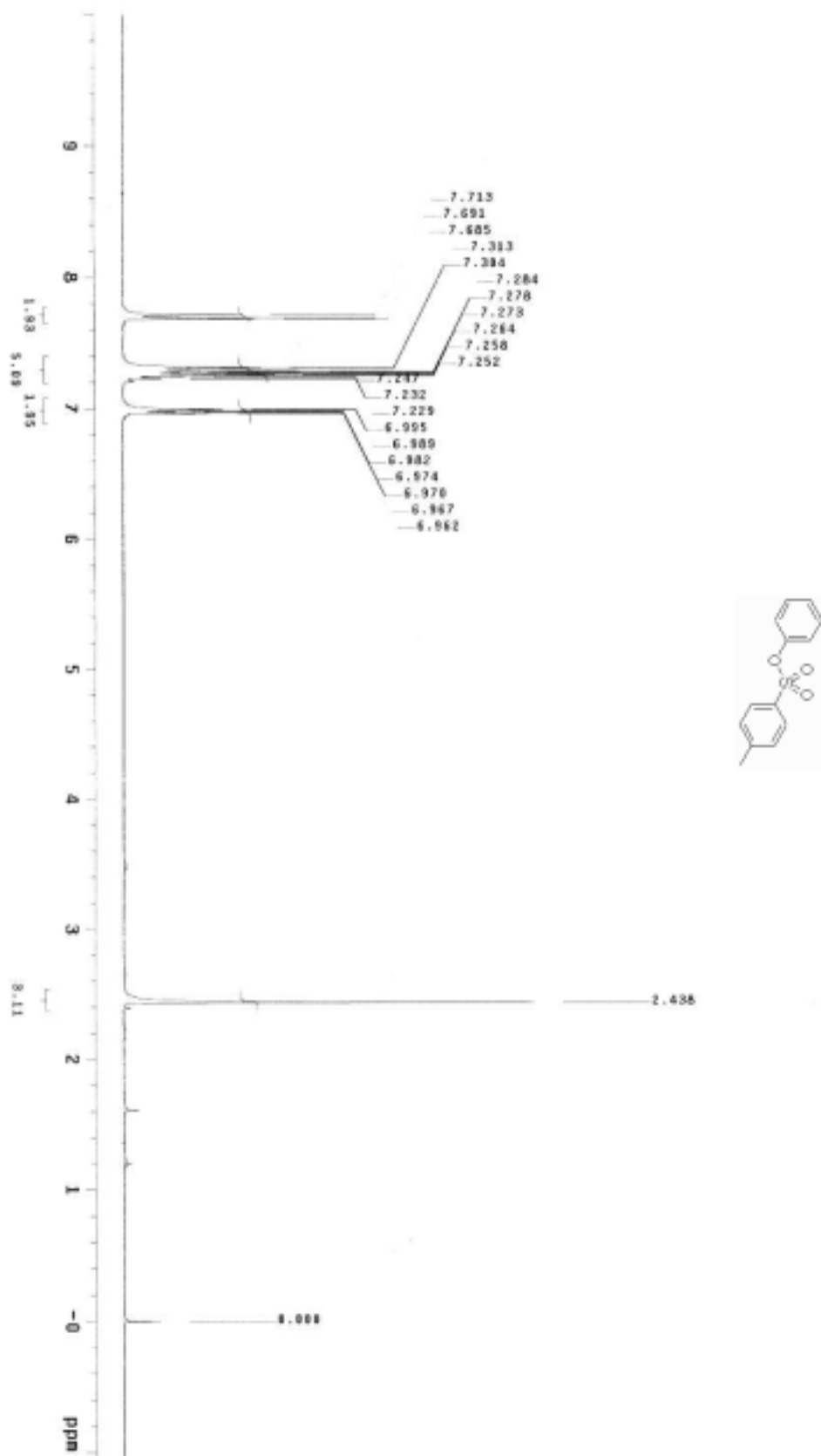


Figure S17.  $^1\text{H}$  NMR spectrum of 1i

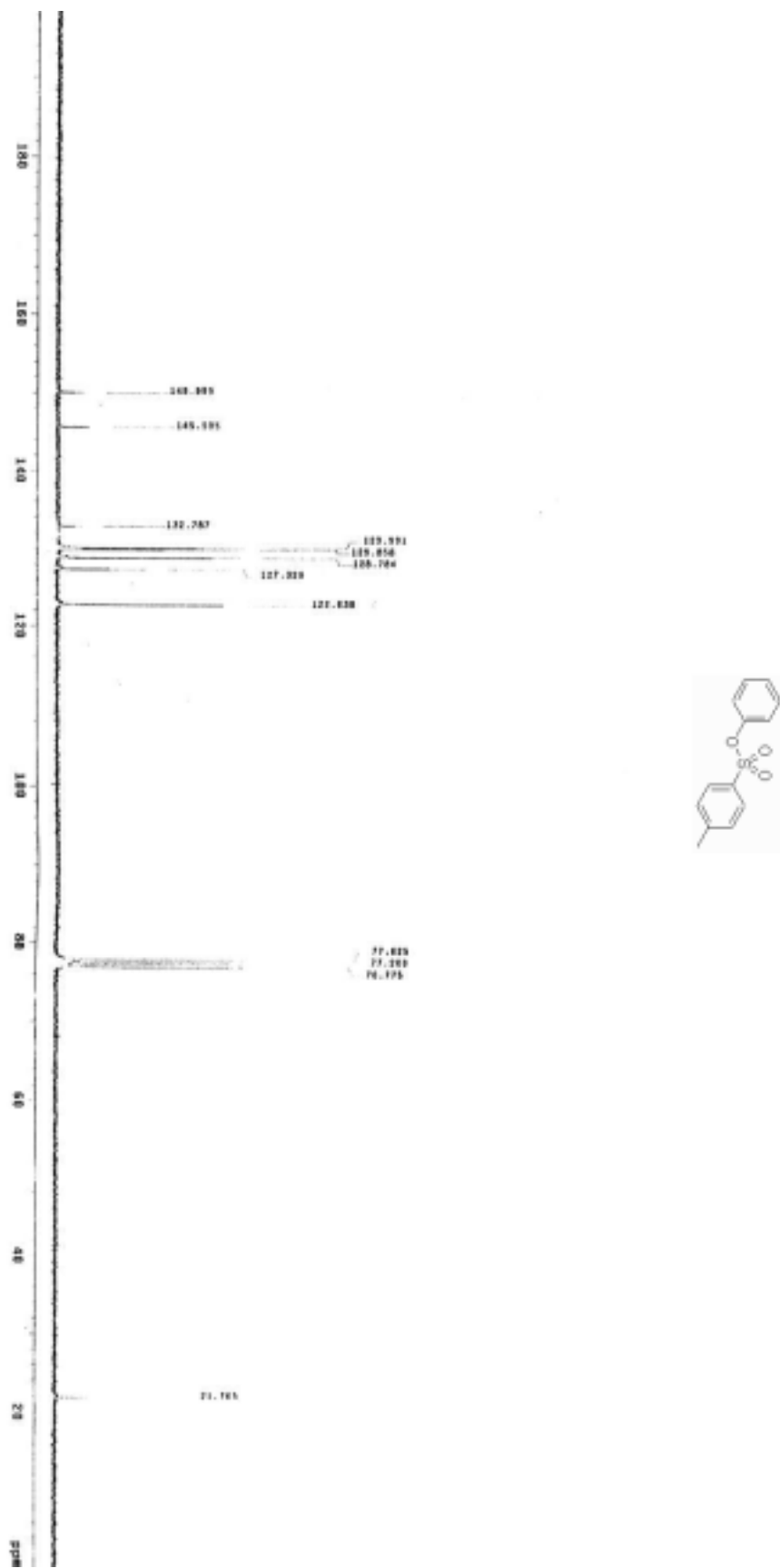


Figure S18.  $^{13}\text{C}$  NMR spectrum of 1i

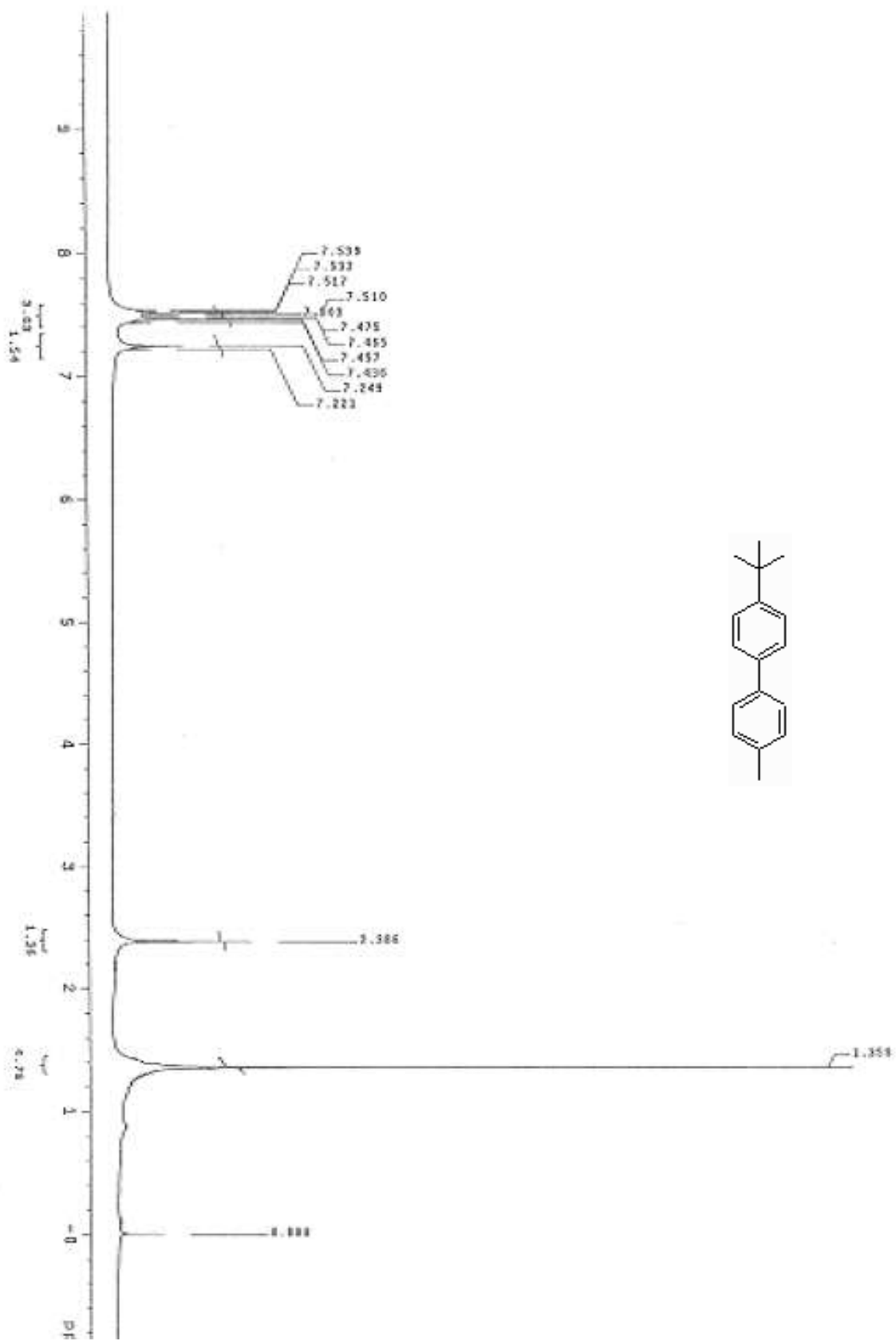


Figure S19.  $^1\text{H}$  NMR spectrum of 3b

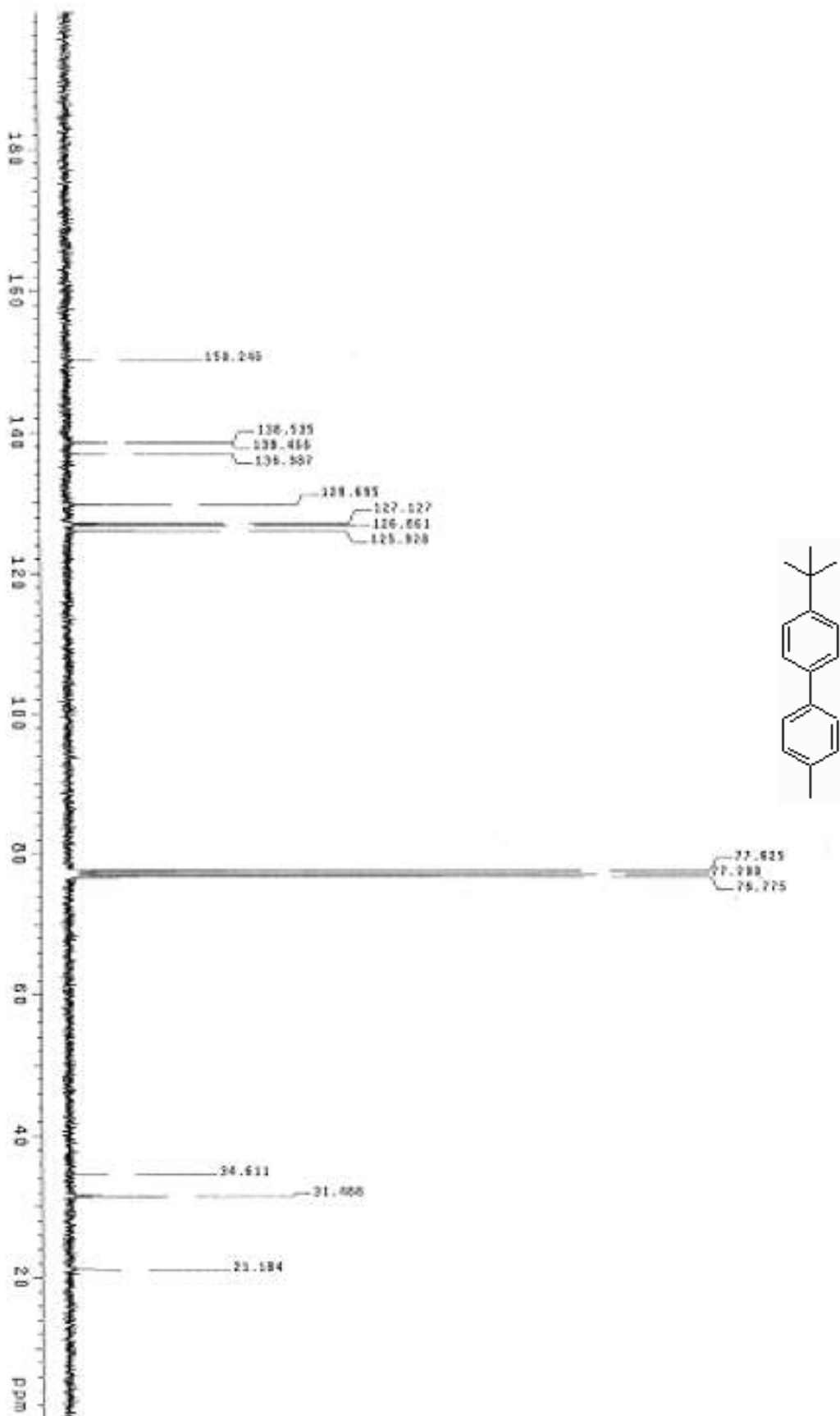


Figure S20.  $^{13}\text{C}$  NMR spectrum of 3b

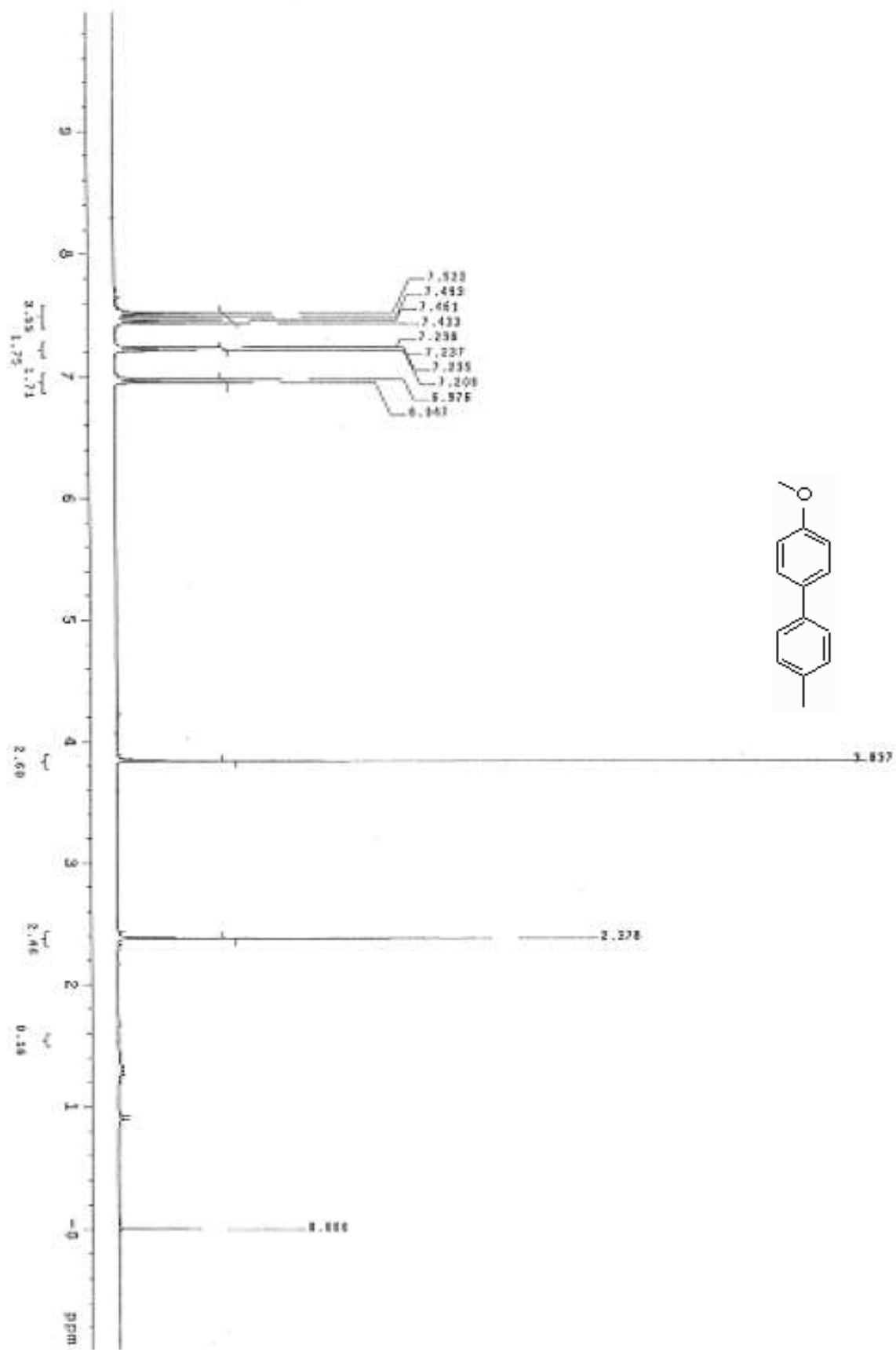


Figure S21. <sup>1</sup>H NMR spectrum of 3e



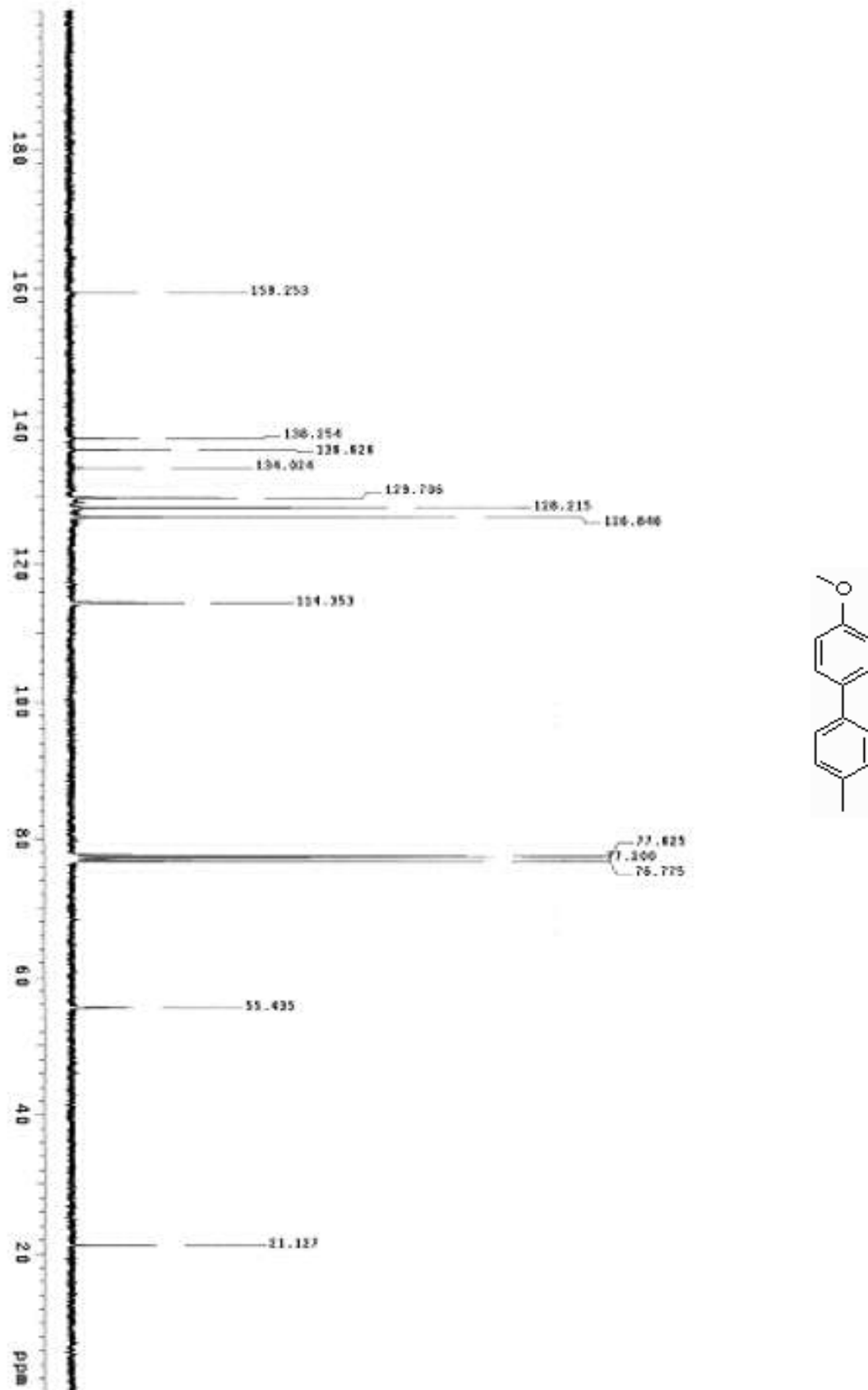


Figure S22.  $^{13}\text{C}$  NMR spectrum of 3e

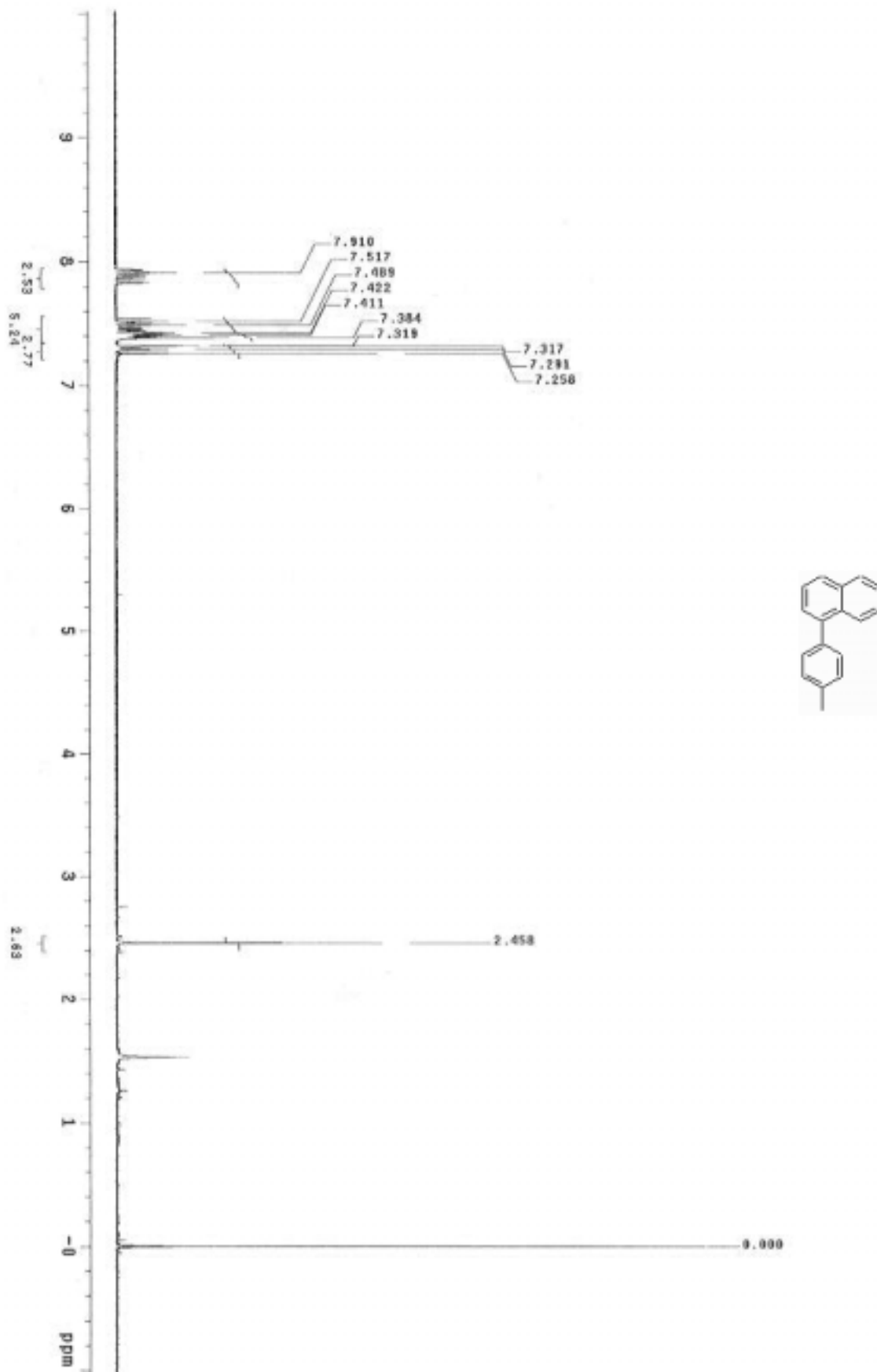


Figure S23.  $^1\text{H}$  NMR spectrum of 3g

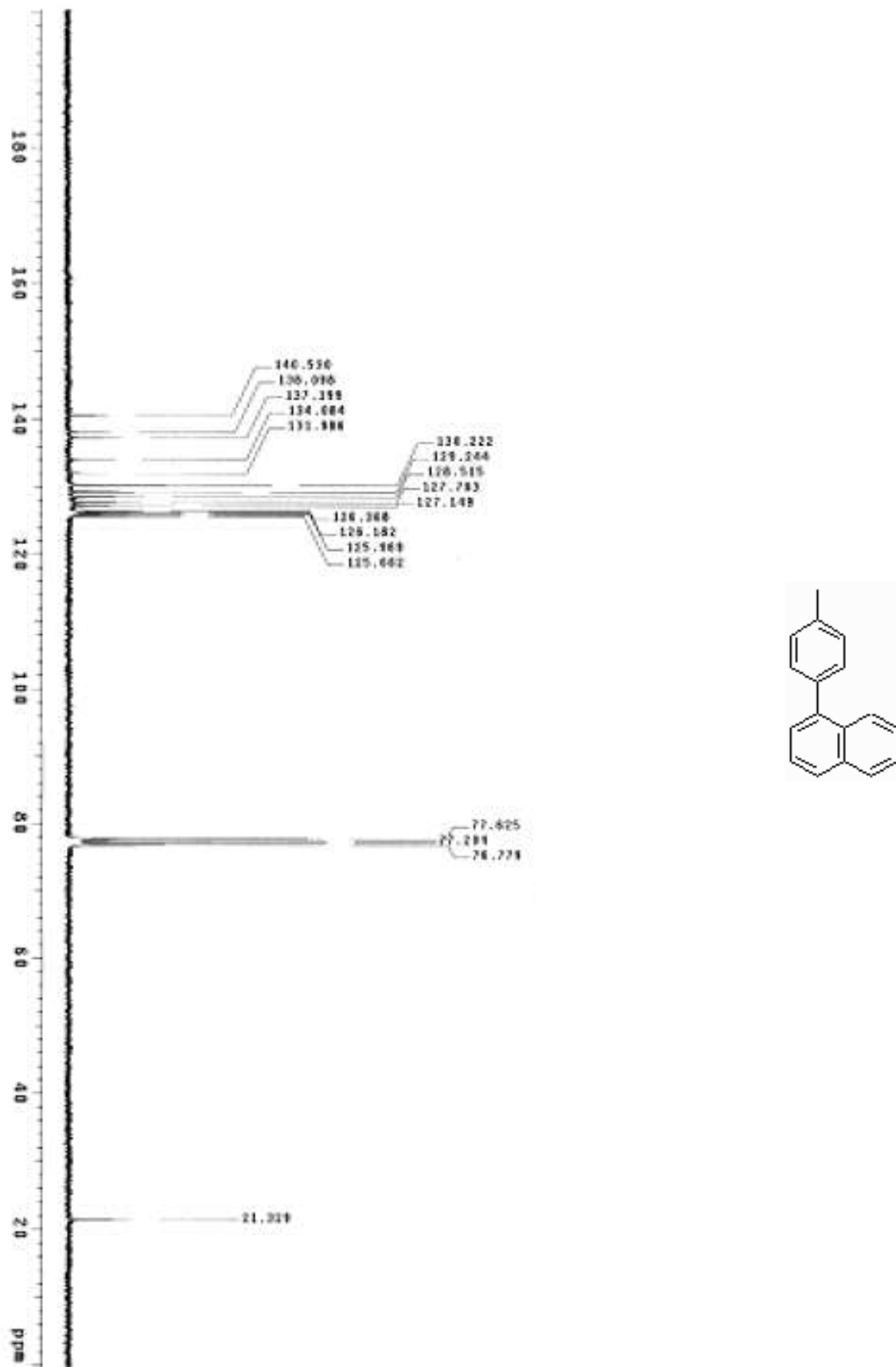


Figure S24.  $^{13}\text{C}$  NMR spectrum of 3g

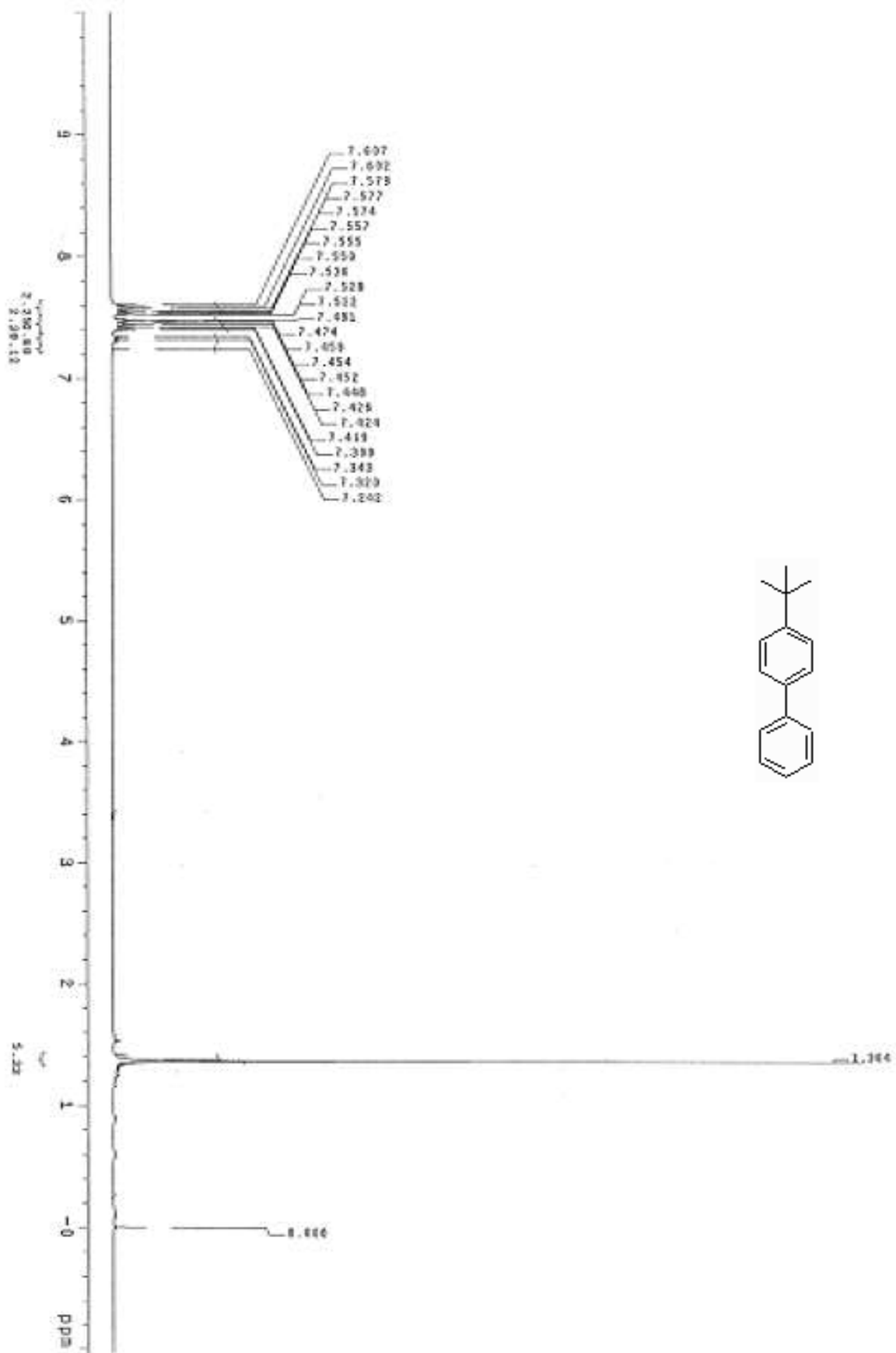


Figure S25. <sup>1</sup>H NMR spectrum of 3i

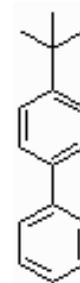
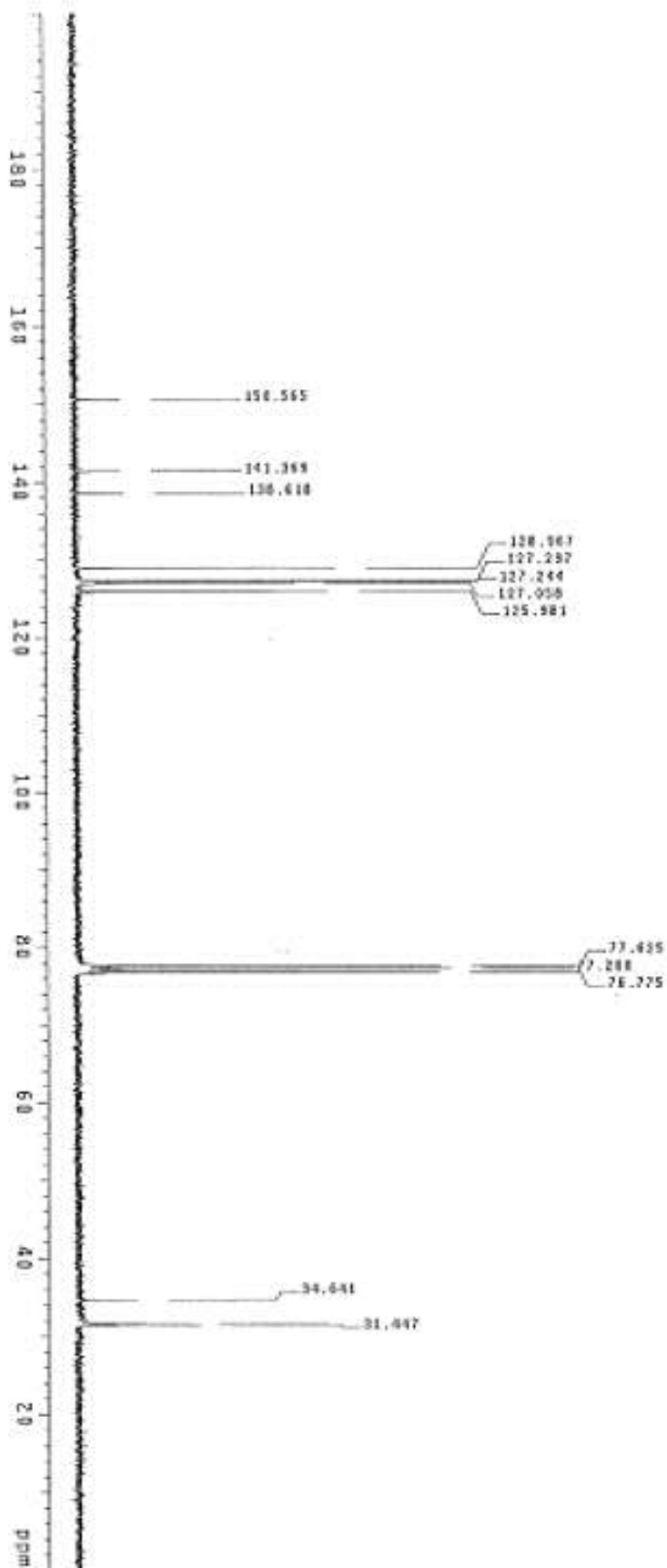


Figure S26. <sup>13</sup>C NMR spectrum of 3i

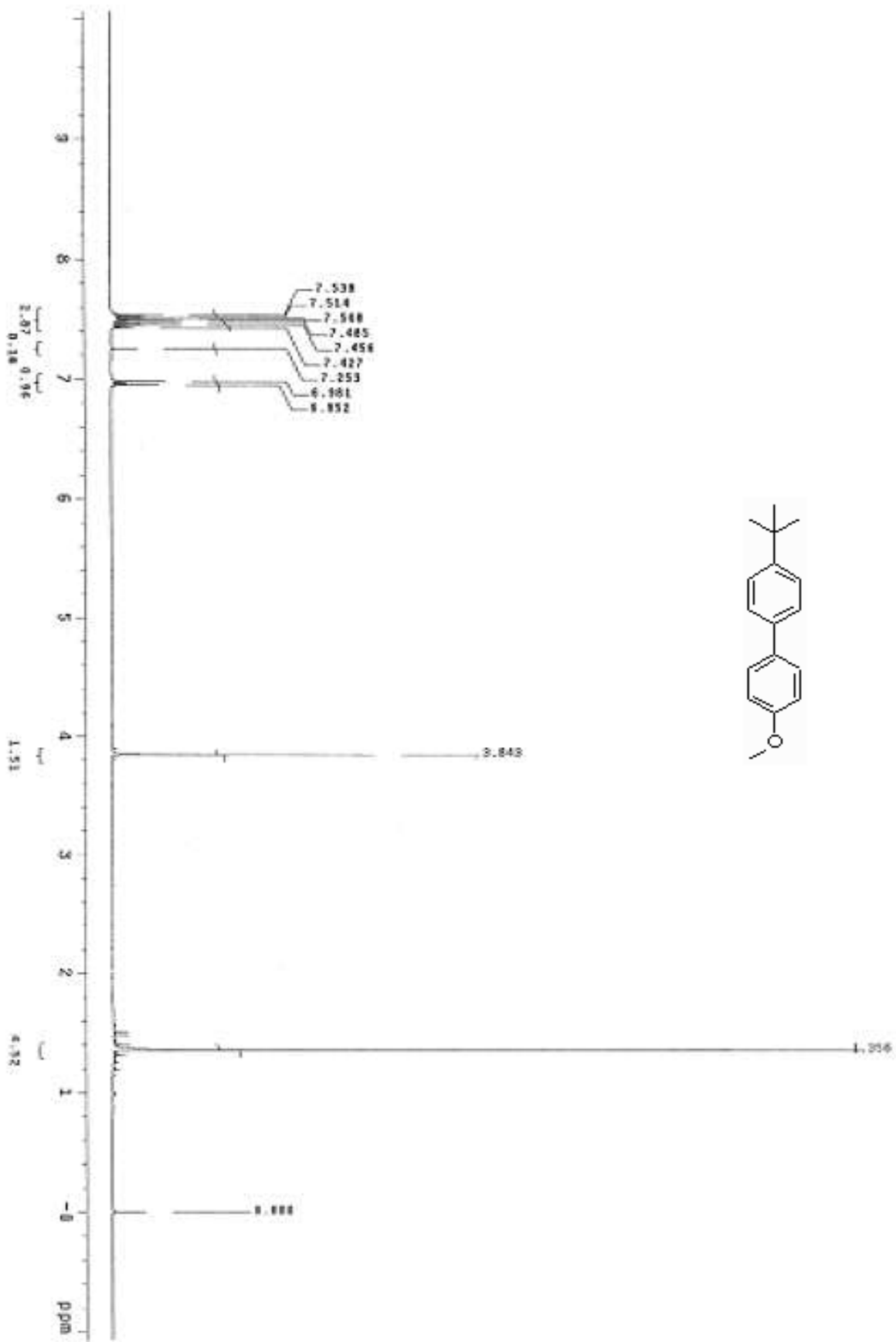


Figure S27.  $^1\text{H}$  NMR spectrum of 3n

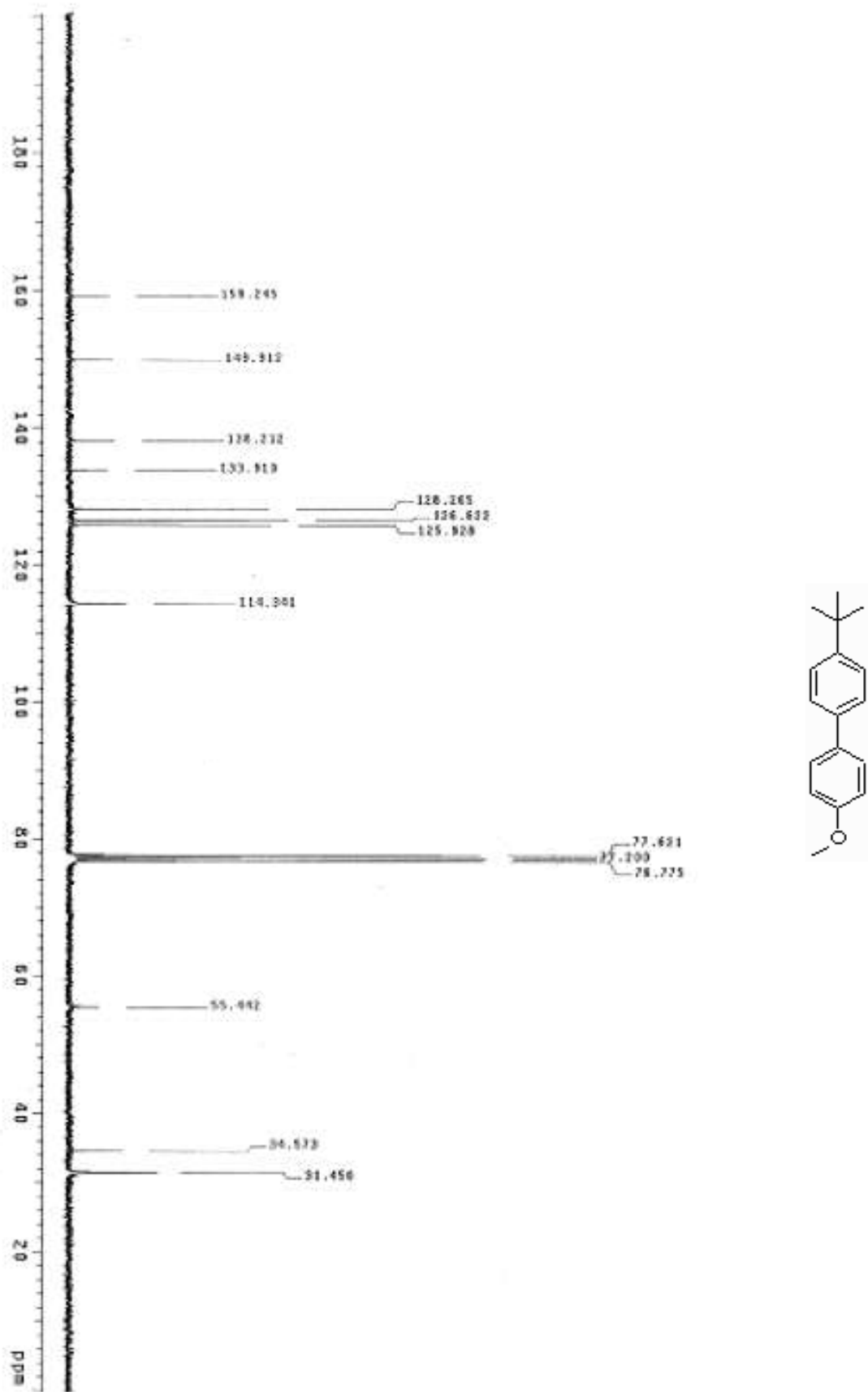


Figure S28.  $^{13}\text{C}$  NMR spectrum of 3n

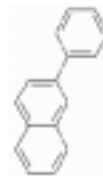
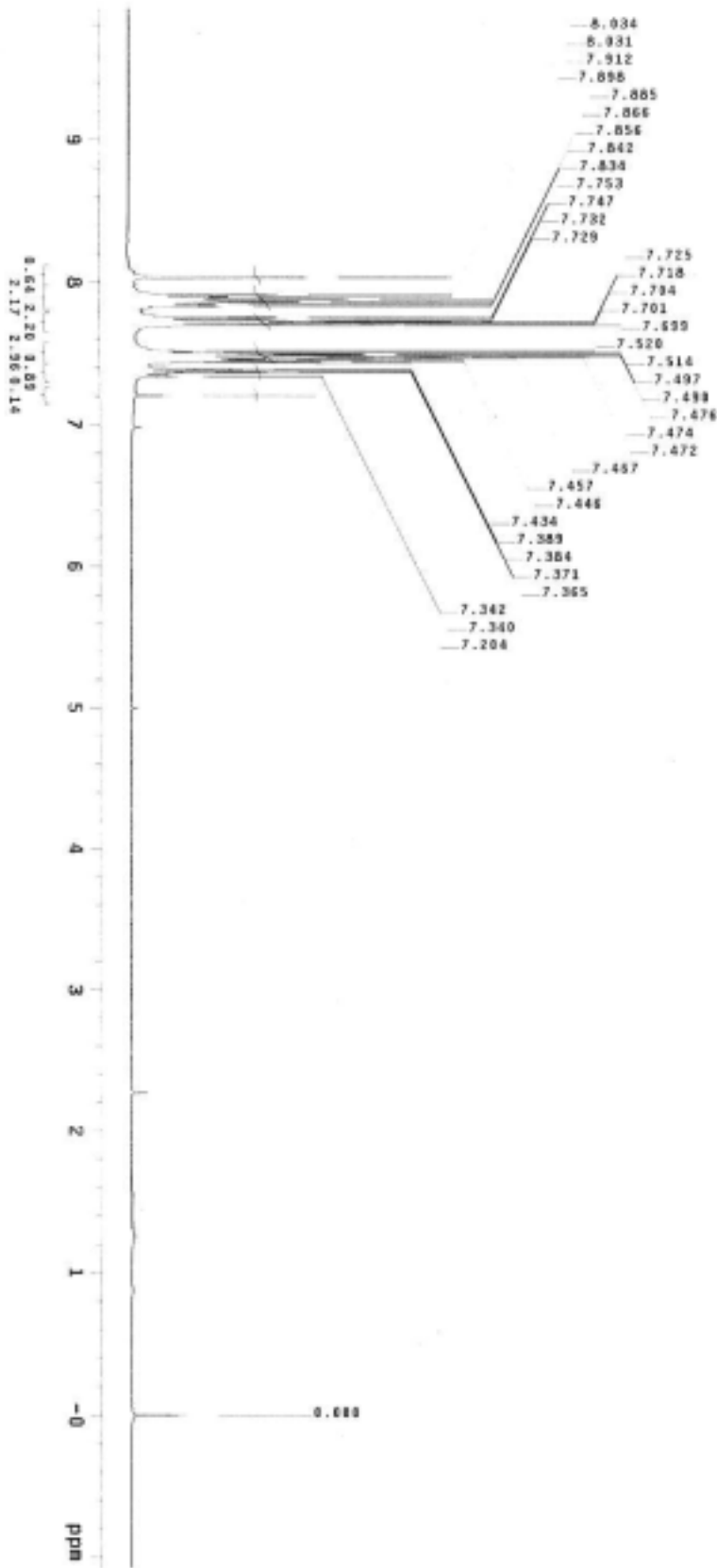


Figure S29.  $^1\text{H}$  NMR spectrum of 3o



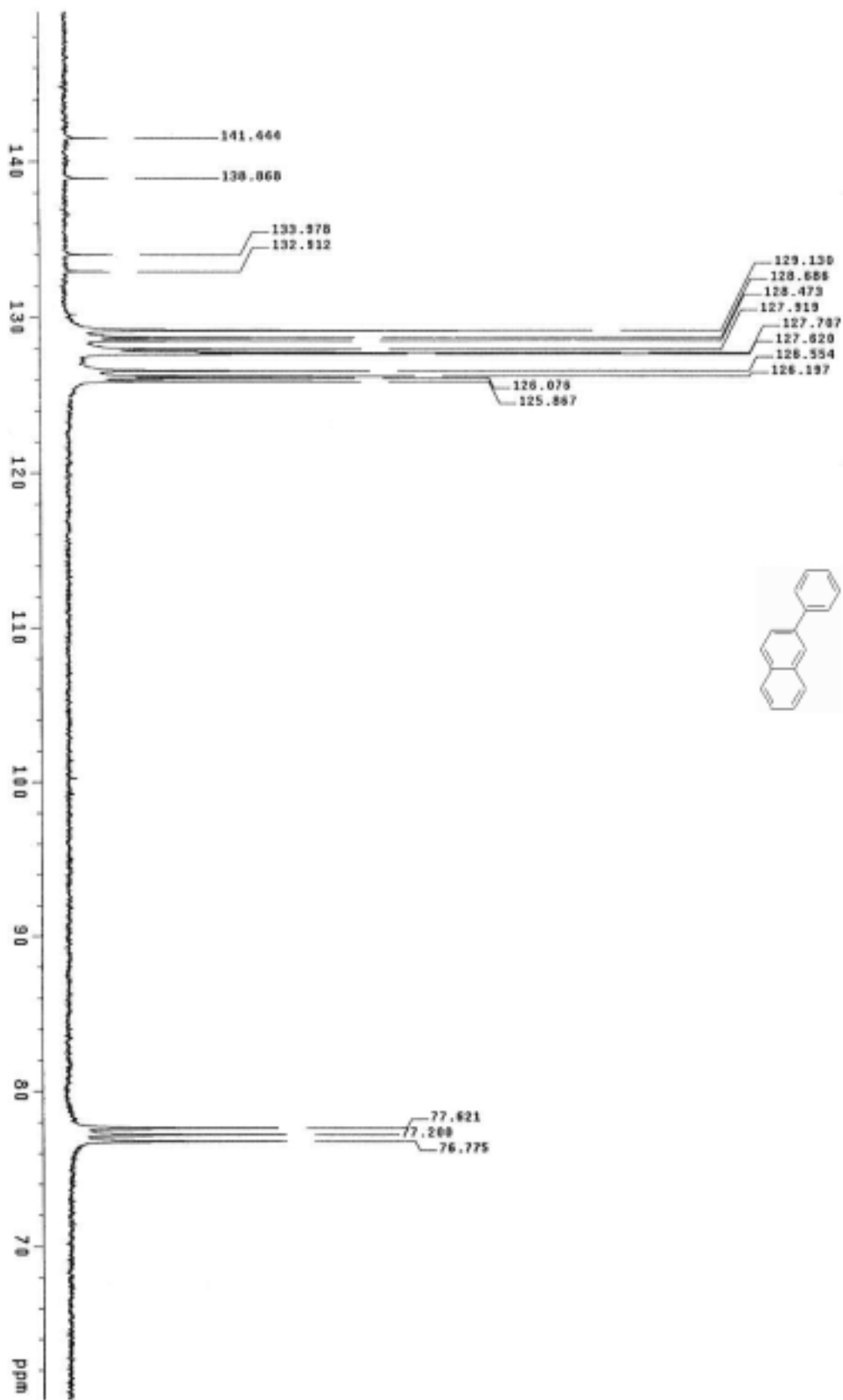


Figure S30.  $^{13}\text{C}$  NMR spectrum of 3o

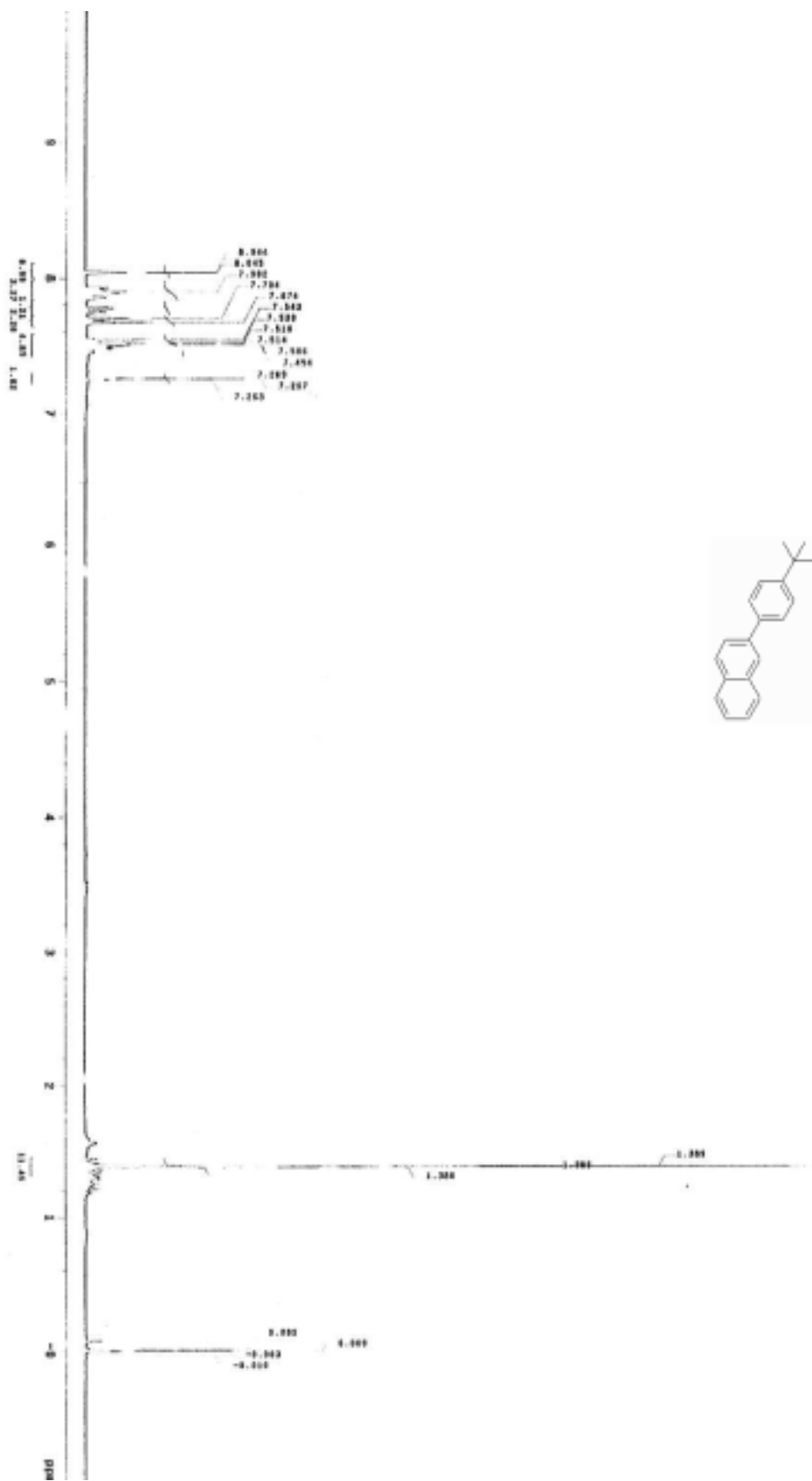


Figure S31. <sup>1</sup>H NMR spectrum of 3p

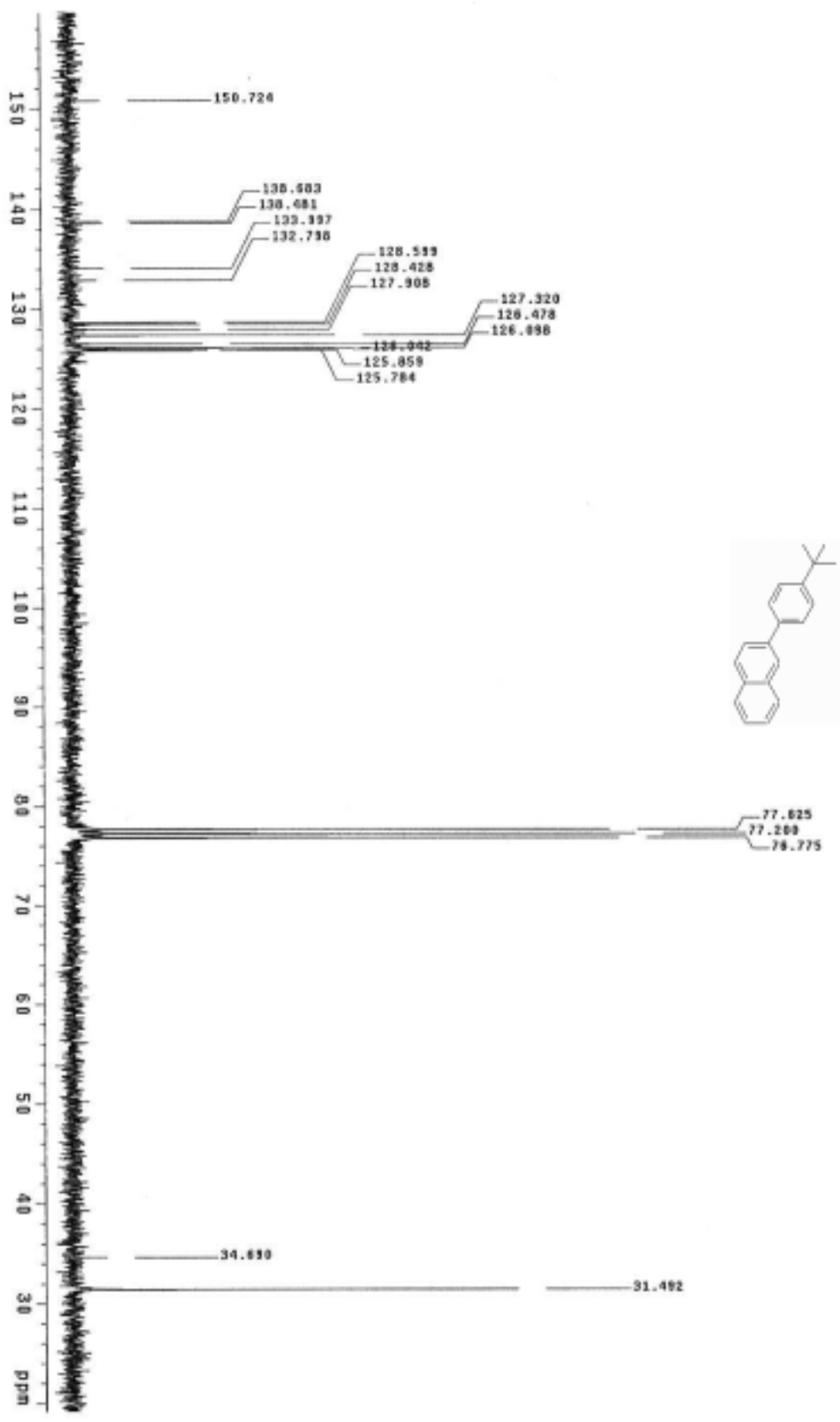


Figure S32.  $^{13}\text{C}$  NMR spectrum of 3p



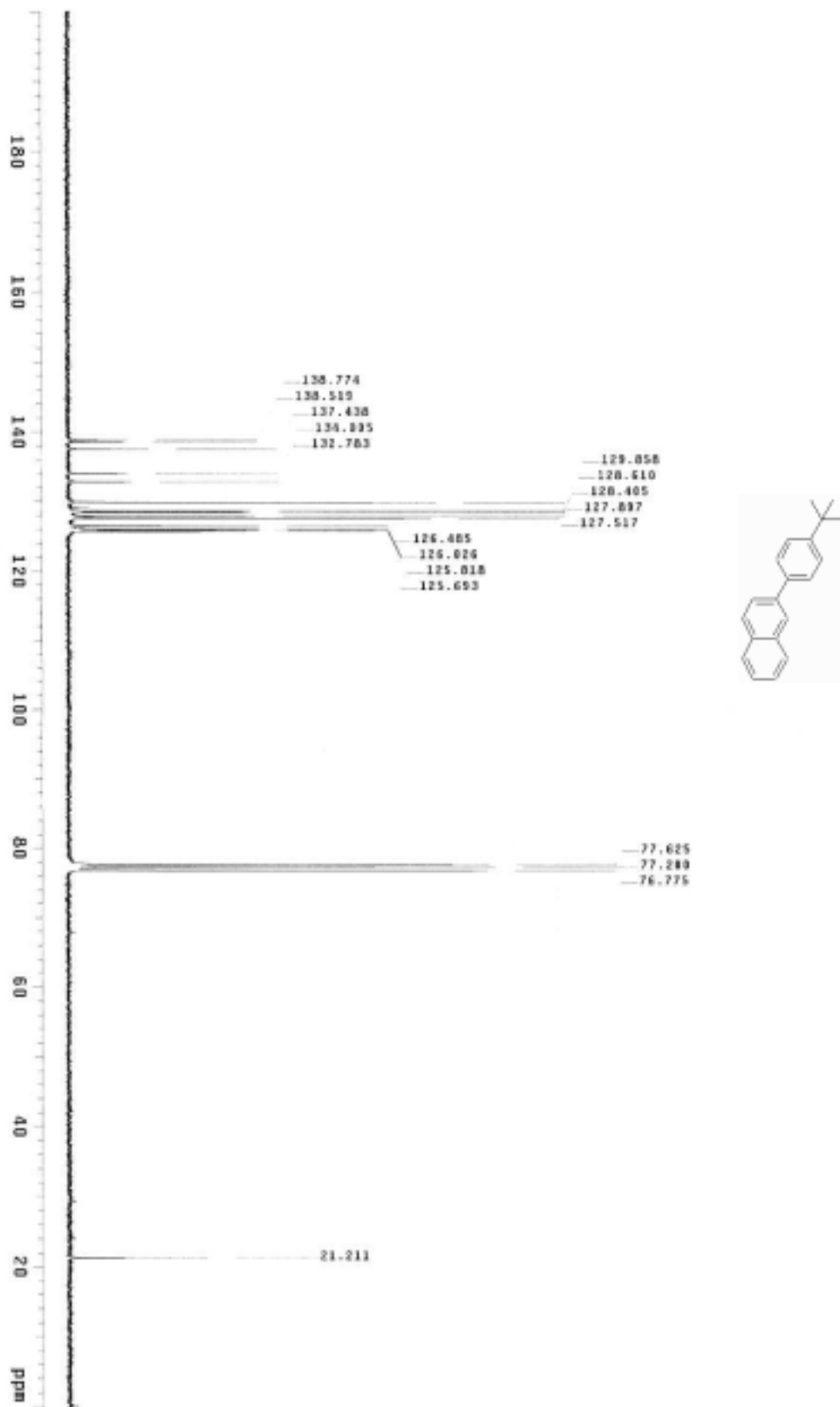


Figure S34.  $^{13}\text{C}$  NMR spectrum of 3q

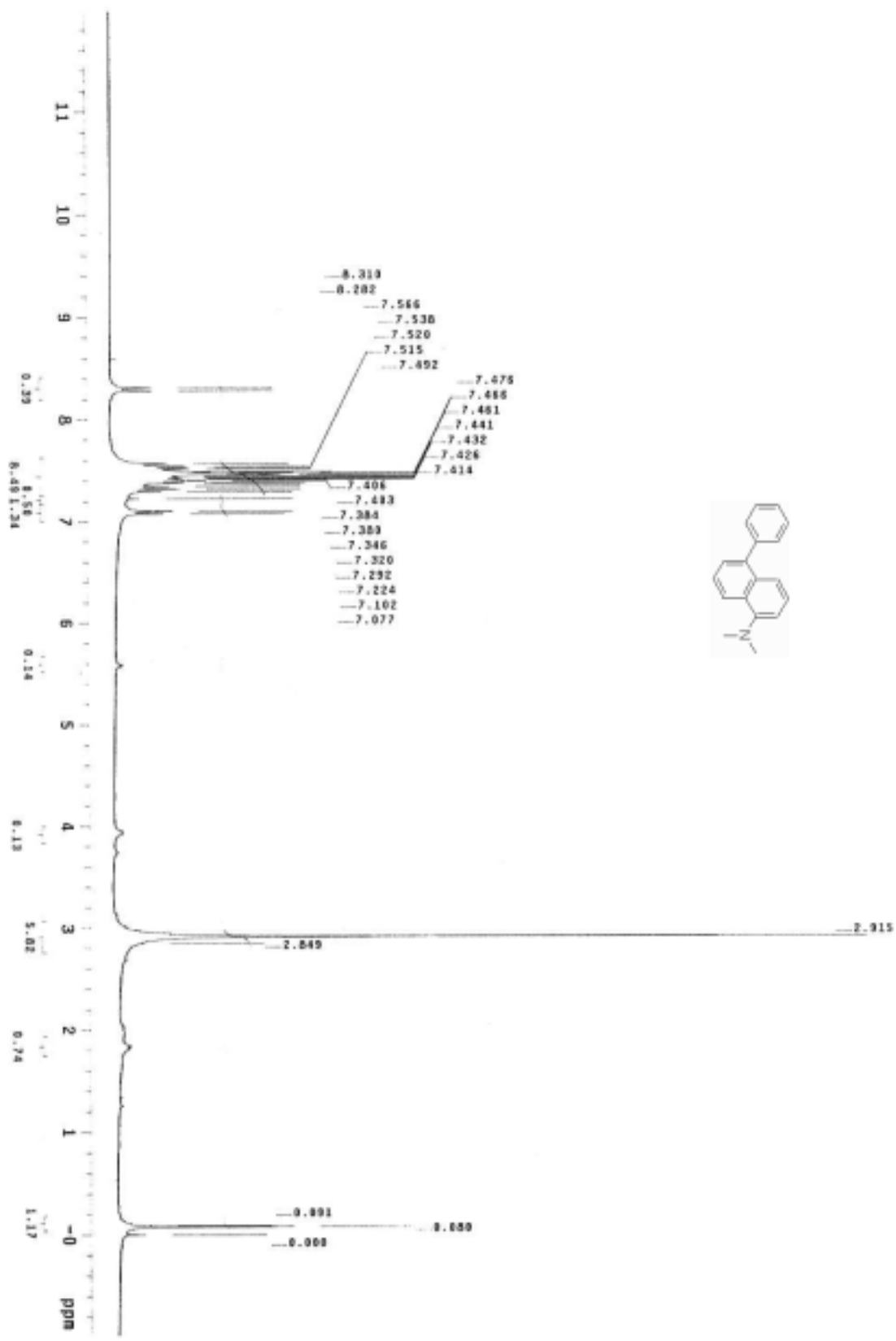


Figure S35. <sup>1</sup>H NMR spectrum of 3r

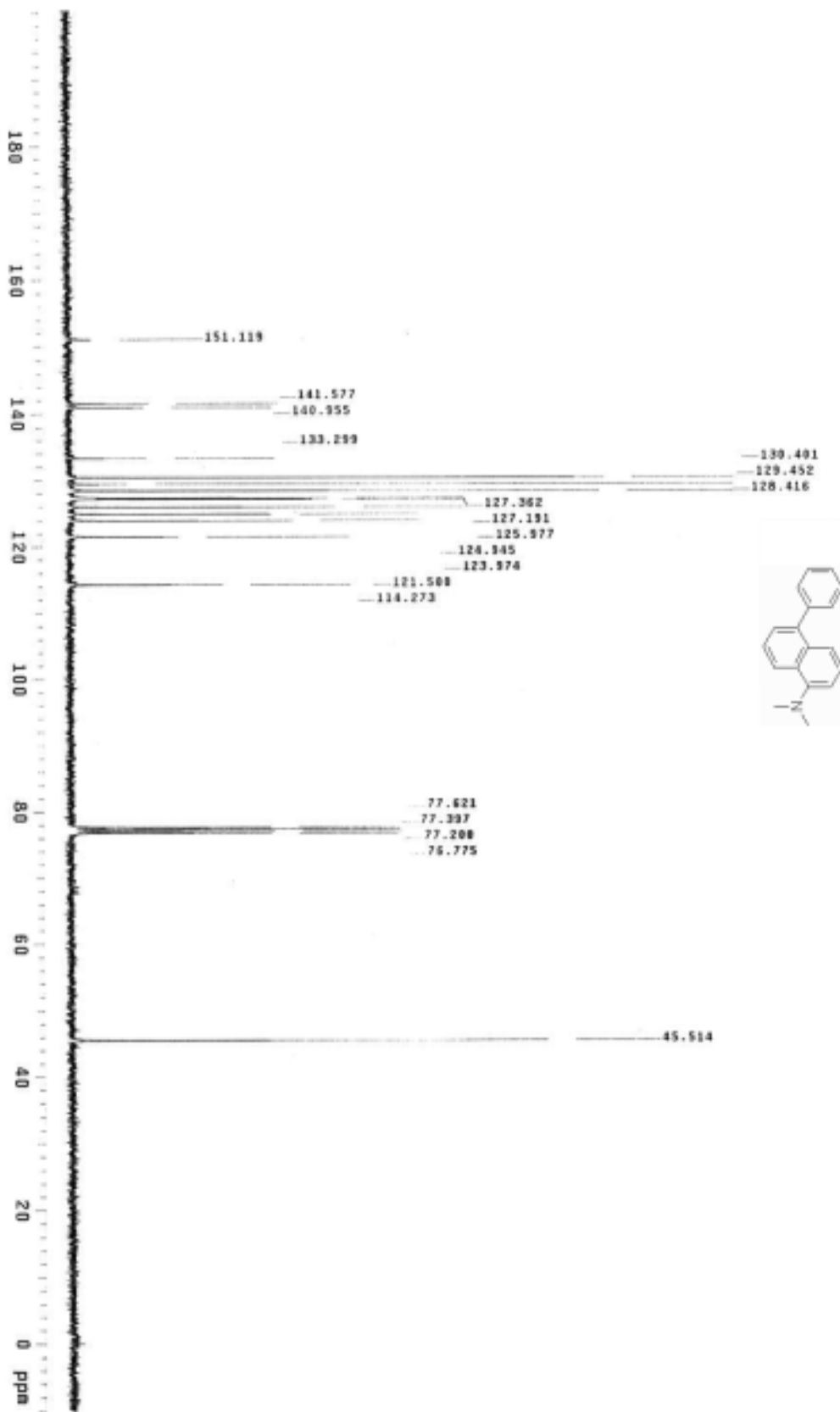


Figure S36.  $^{13}\text{C}$  NMR spectrum of 3r

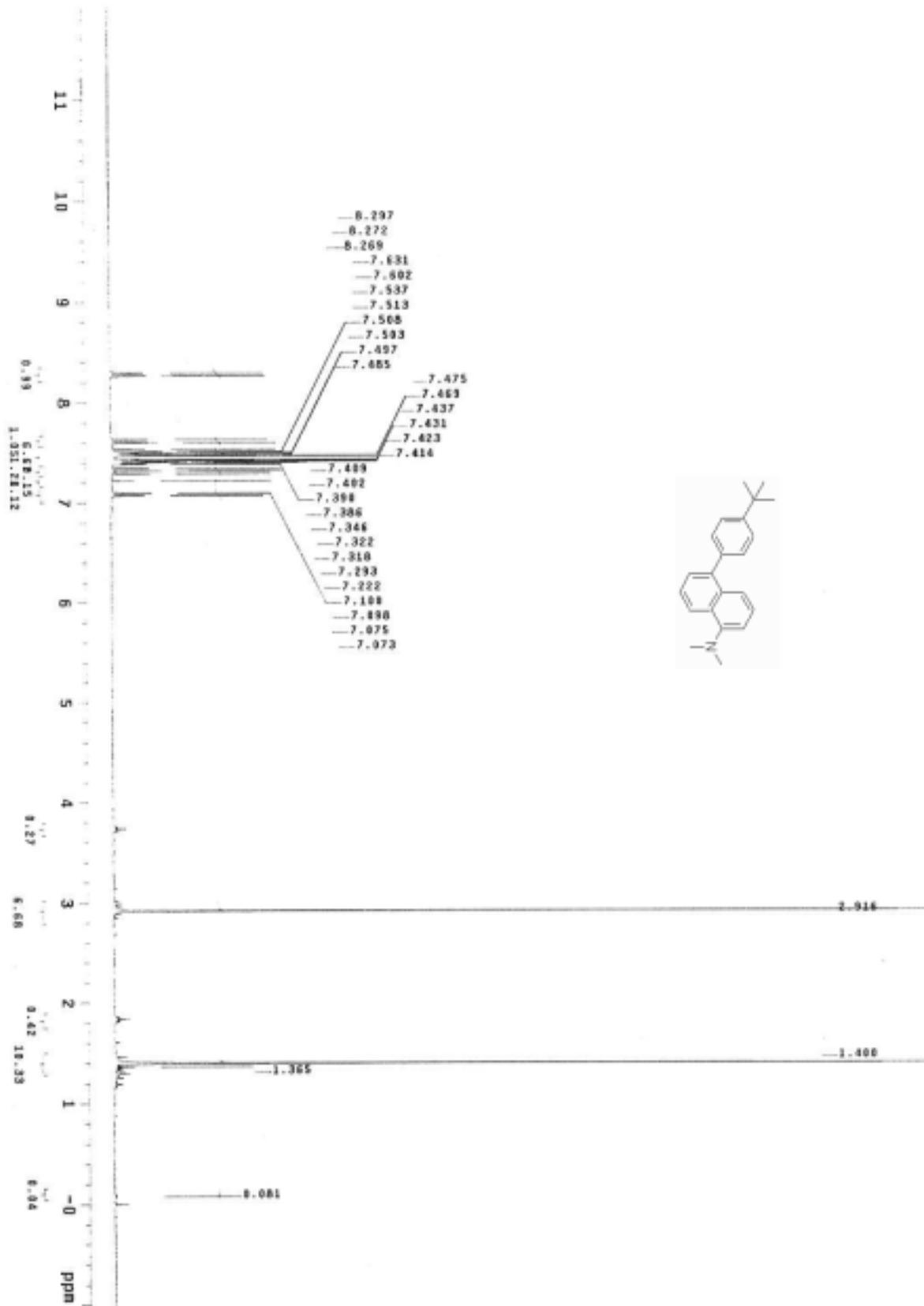


Figure S37.  $^1\text{H}$  NMR spectrum of 3s



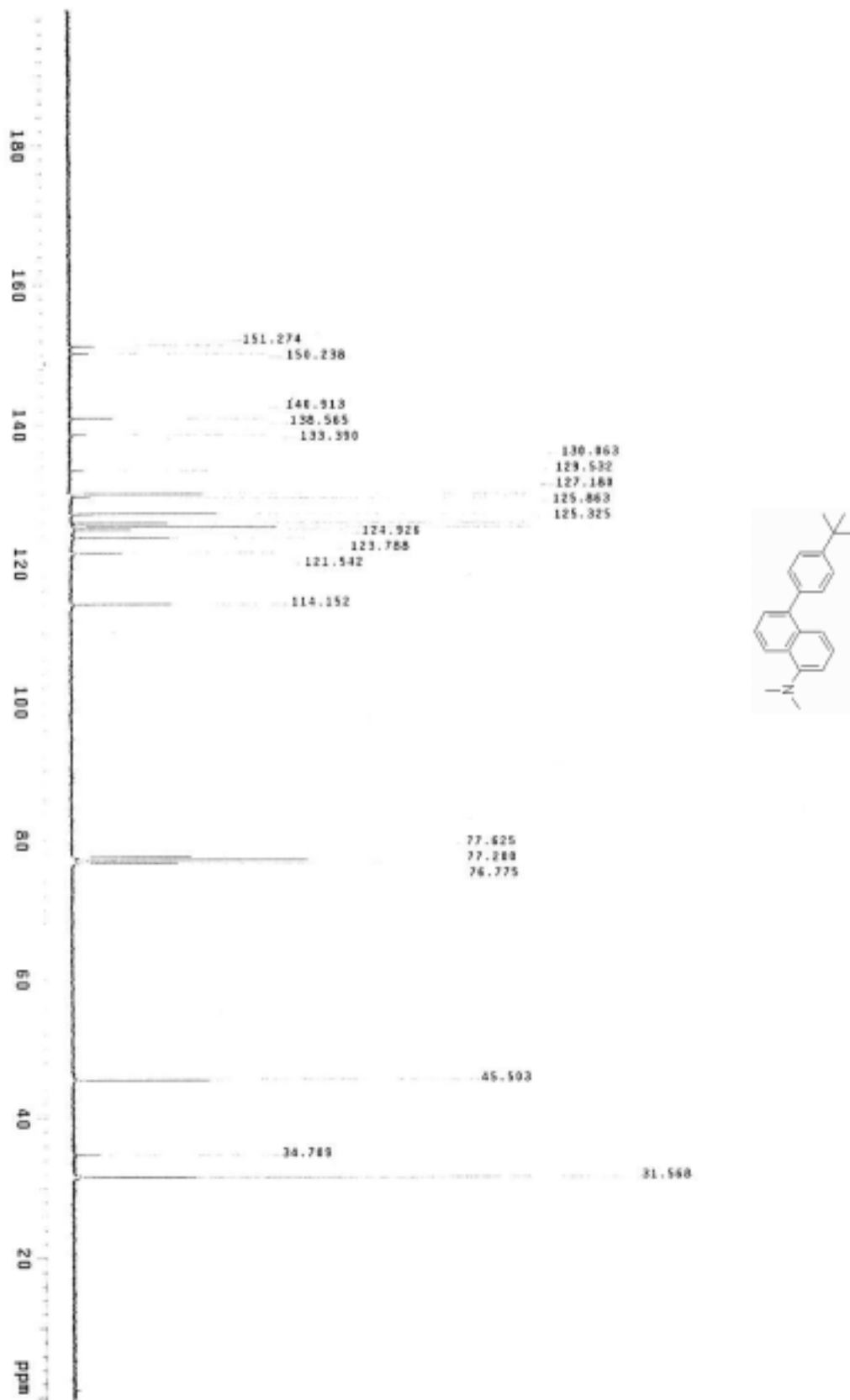


Figure S38.  $^{13}\text{C}$  NMR spectrum of 3s

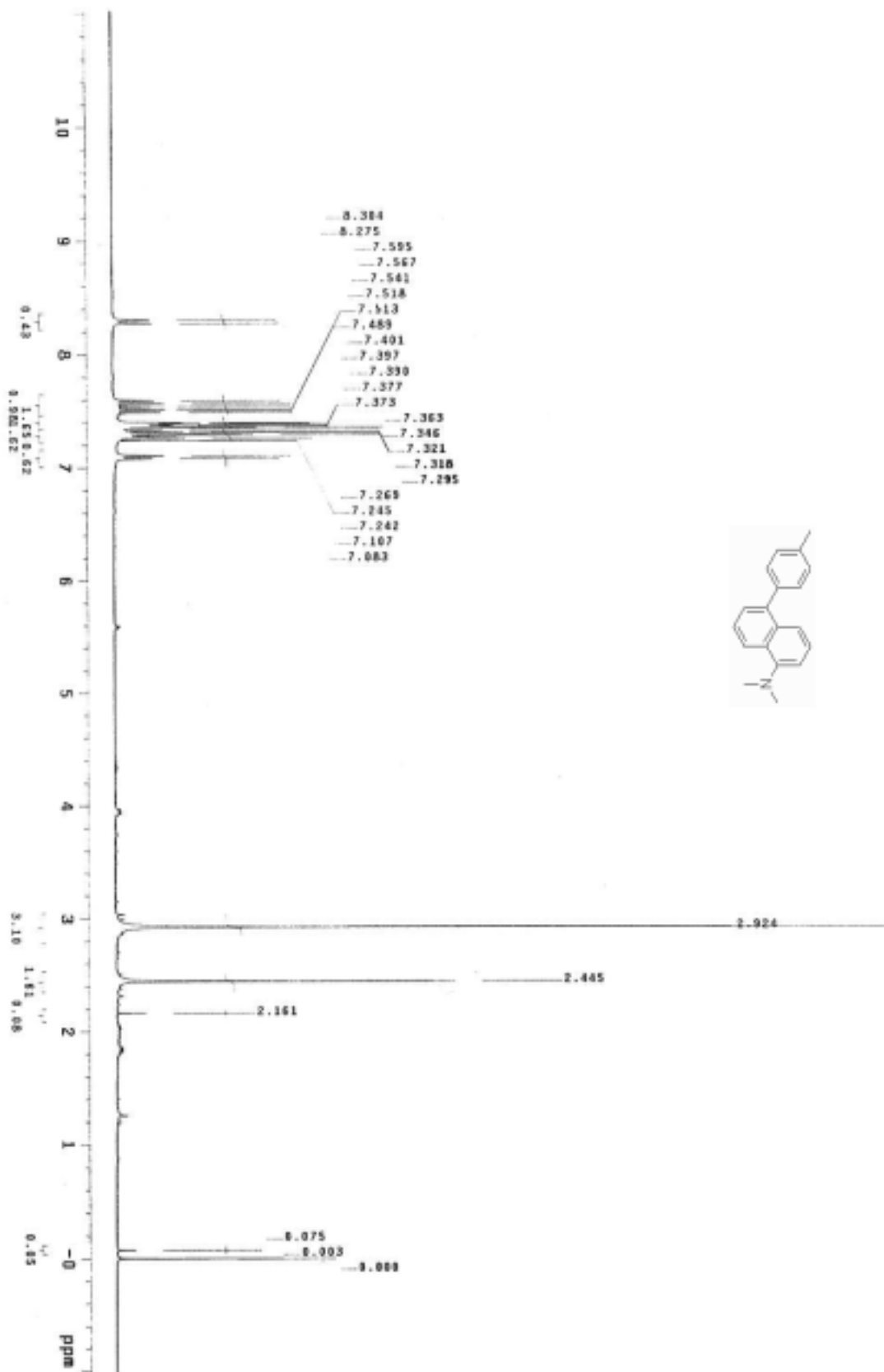


Figure S39.  $^1\text{H}$  NMR spectrum of 3t

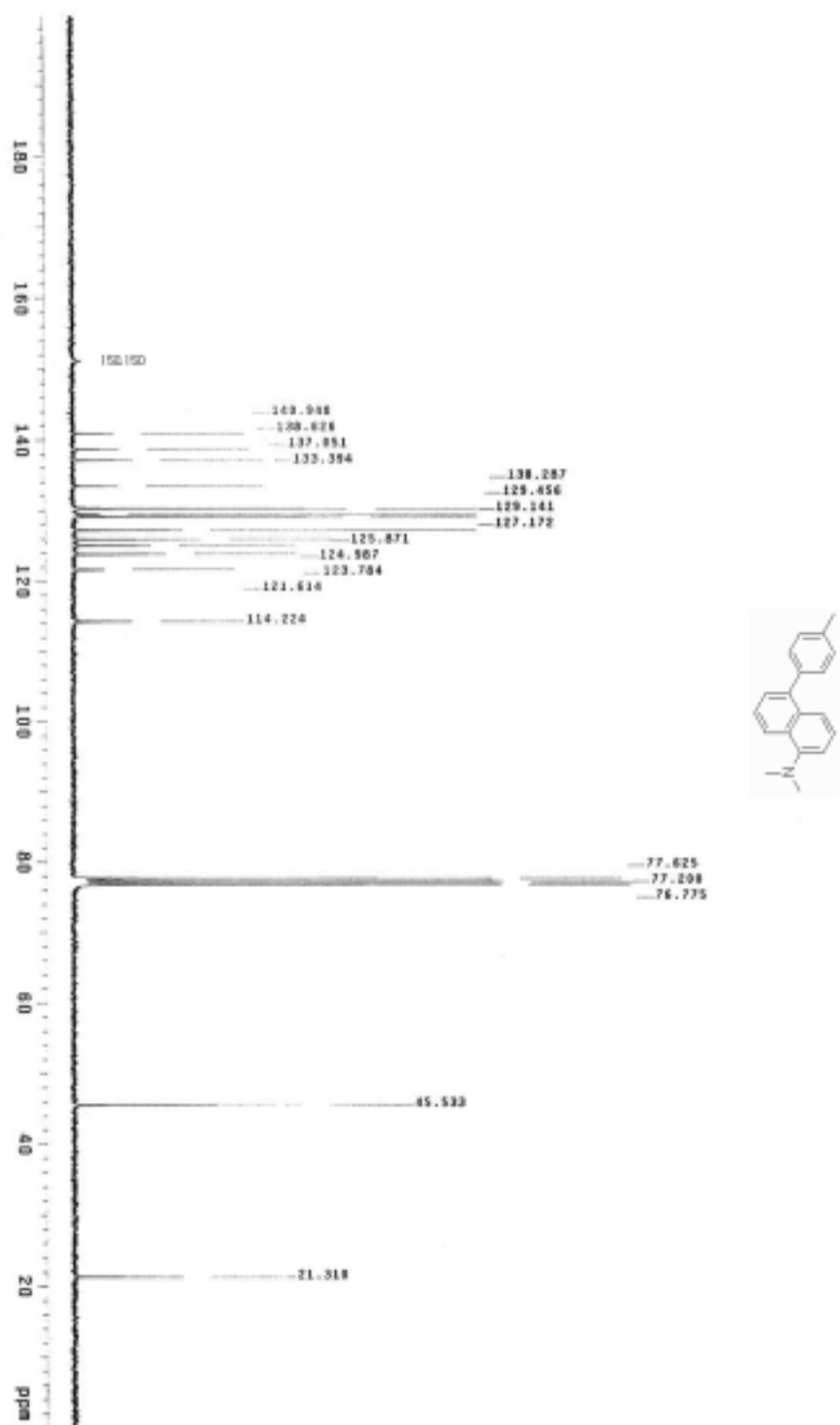


Figure S40.  $^{13}\text{C}$  NMR spectrum of 3t