

## Supplementary Information

# Facile and efficient method for Zn(OTf)<sub>2</sub> catalyzed synthesis of isocoumarin derivatives and their antioxidant properties

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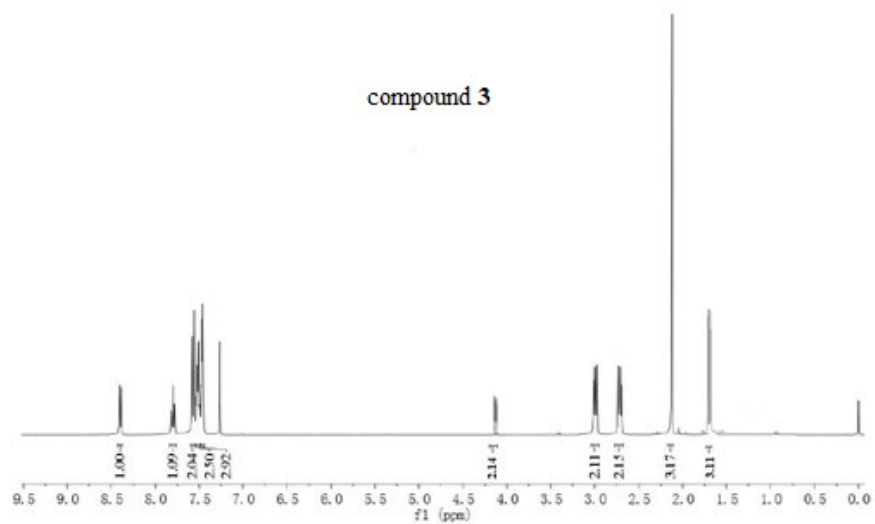


Fig. S1 —  $^1\text{H}$  NMR spectrum of compound 3

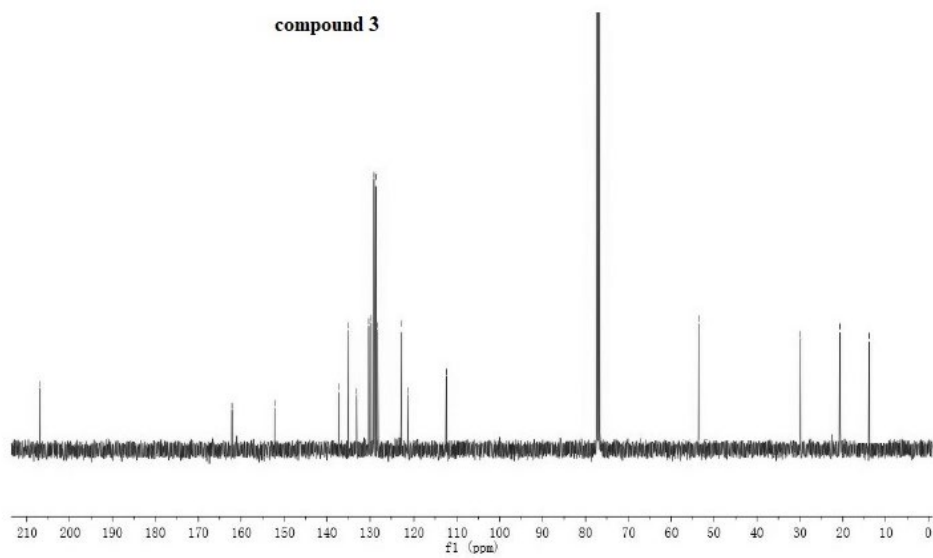


Fig. S2 —  $^{13}\text{C}$  NMR spectrum of compound 3

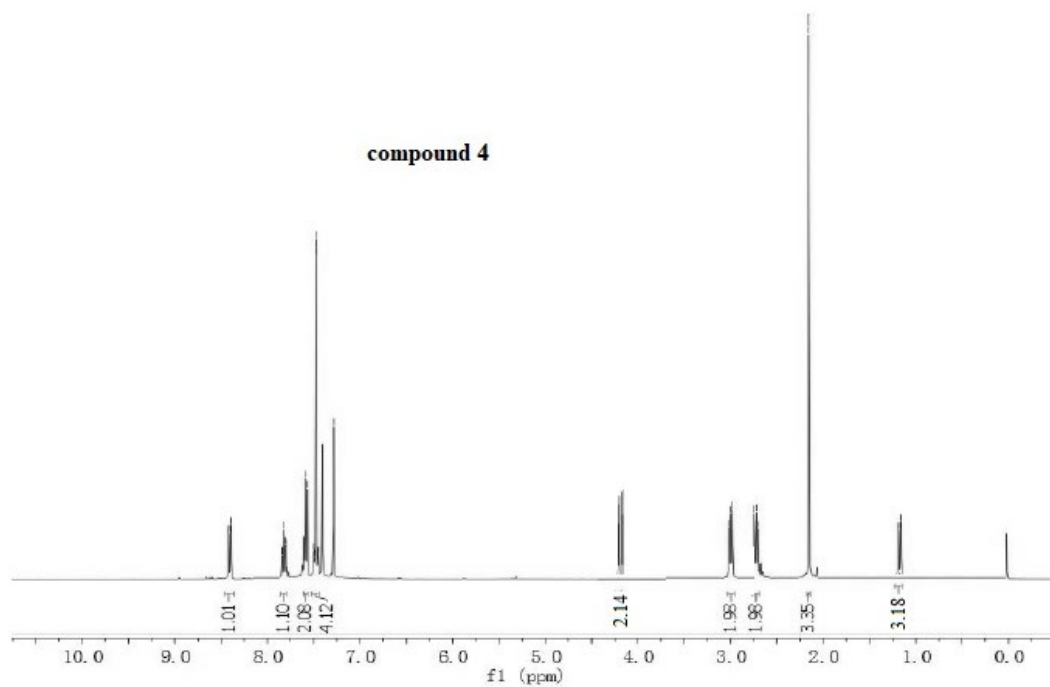


Fig. S3 — <sup>1</sup>H NMR spectrum of compound 4

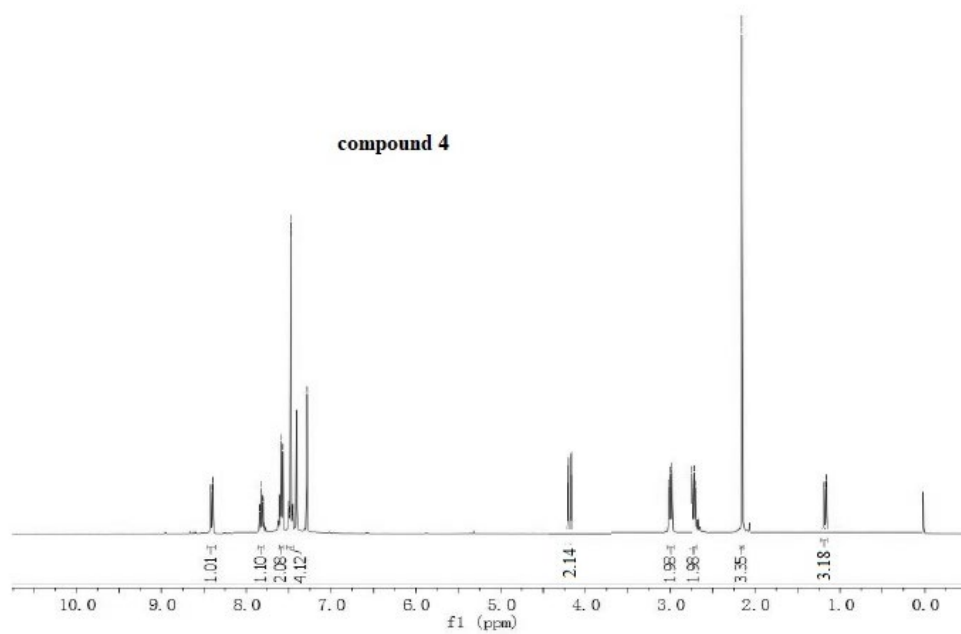


Fig. S4 — <sup>13</sup>C NMR spectrum of compound 4

compound 5

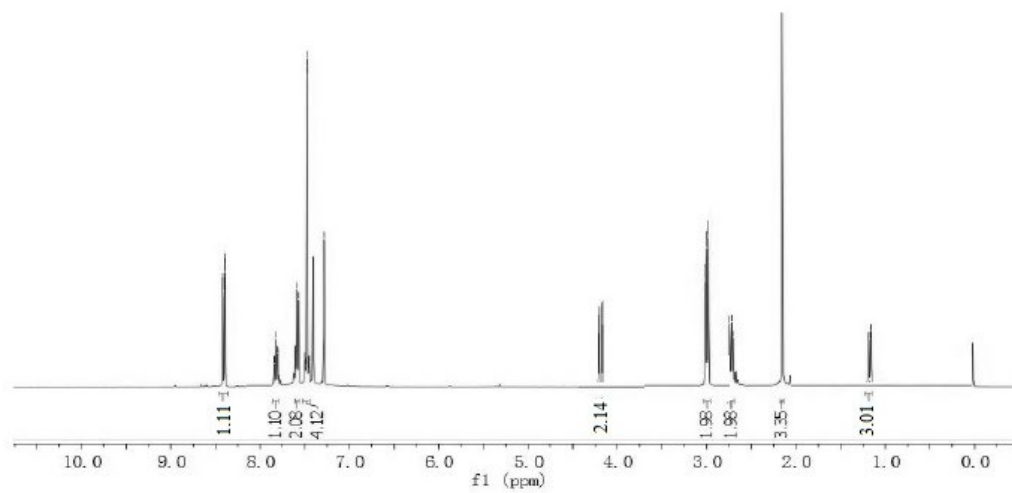


Fig. S5 — <sup>1</sup>H NMR spectrum of compound 5

compound 5

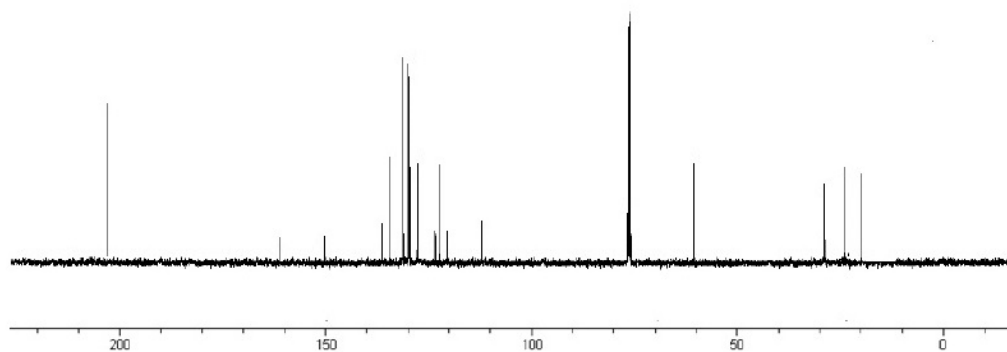


Fig. S6 — <sup>13</sup>C NMR spectrum of compound 5

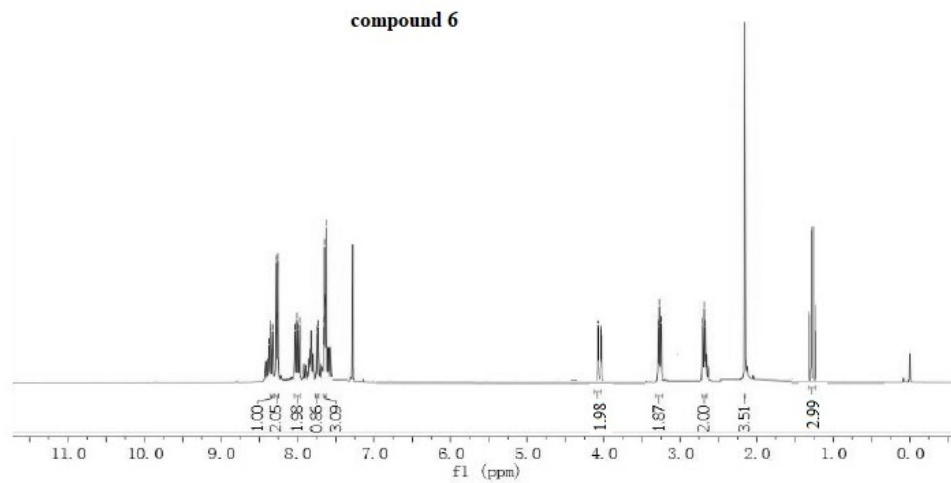


Fig. S7 —  $^1\text{H}$  NMR spectrum of compound 6

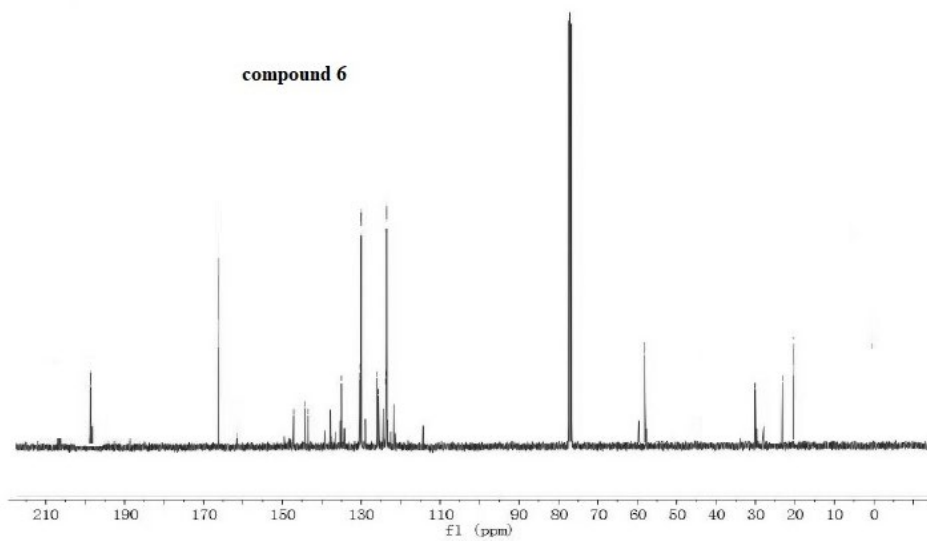


Fig. S8 —  $^{13}\text{C}$  NMR spectrum of compound 6

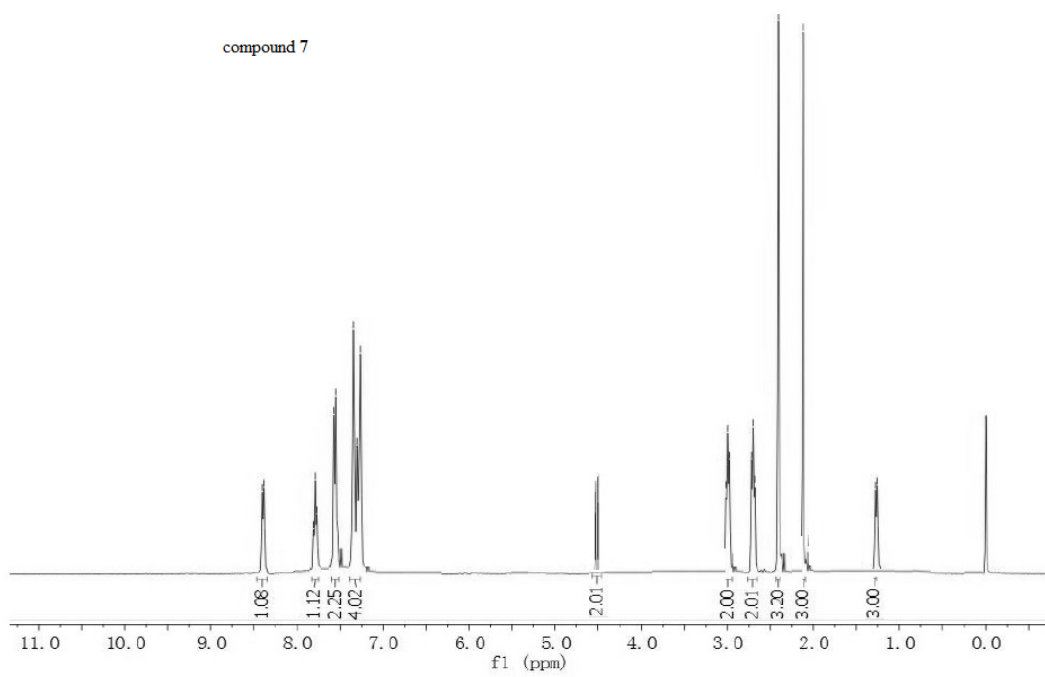


Fig. S9 —  $^1\text{H}$  NMR spectrum of compound 7

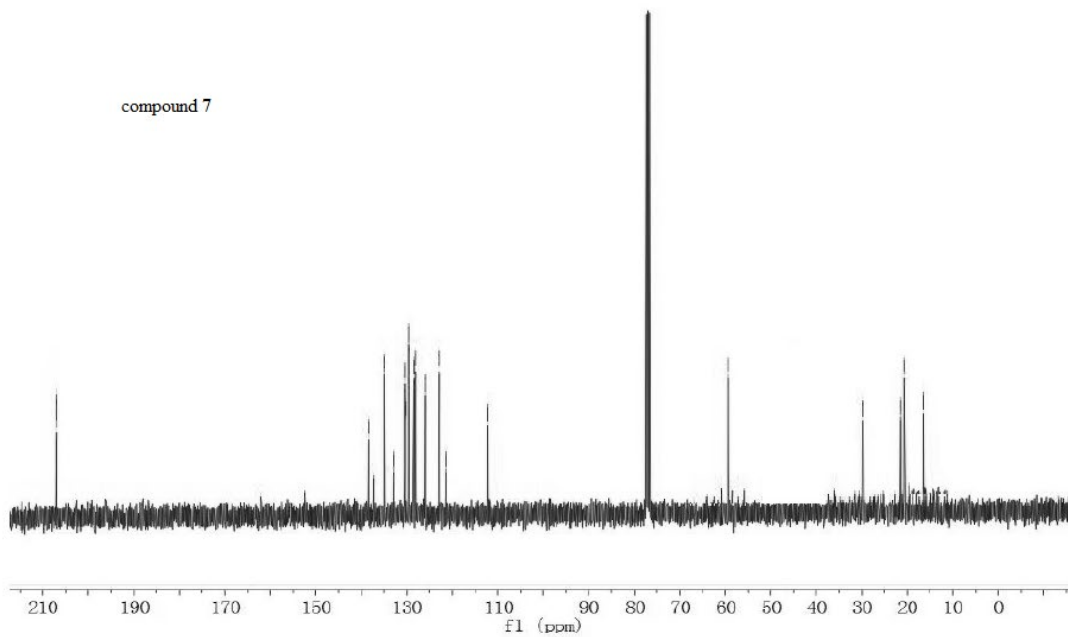


Fig. S10 —  $^{13}\text{C}$  NMR spectrum of compound 7

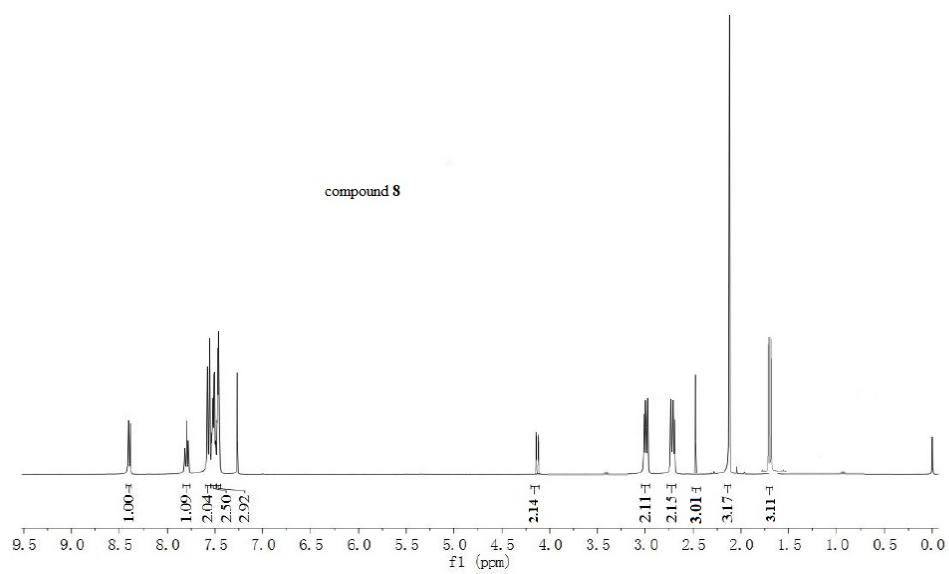


Fig. S11 —  $^1\text{H}$  NMR spectrum of compound 8

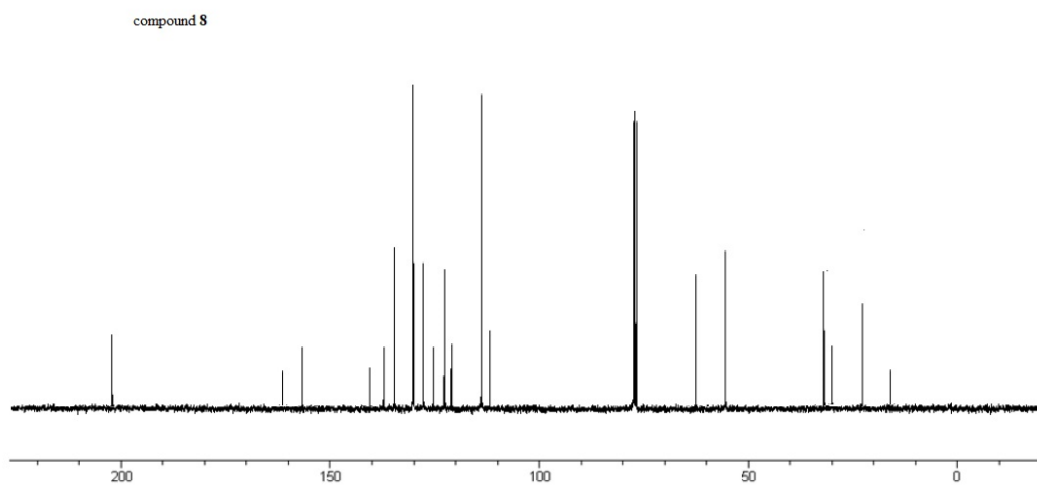


Fig. S12 —  $^{13}\text{C}$  NMR spectrum of compound 8

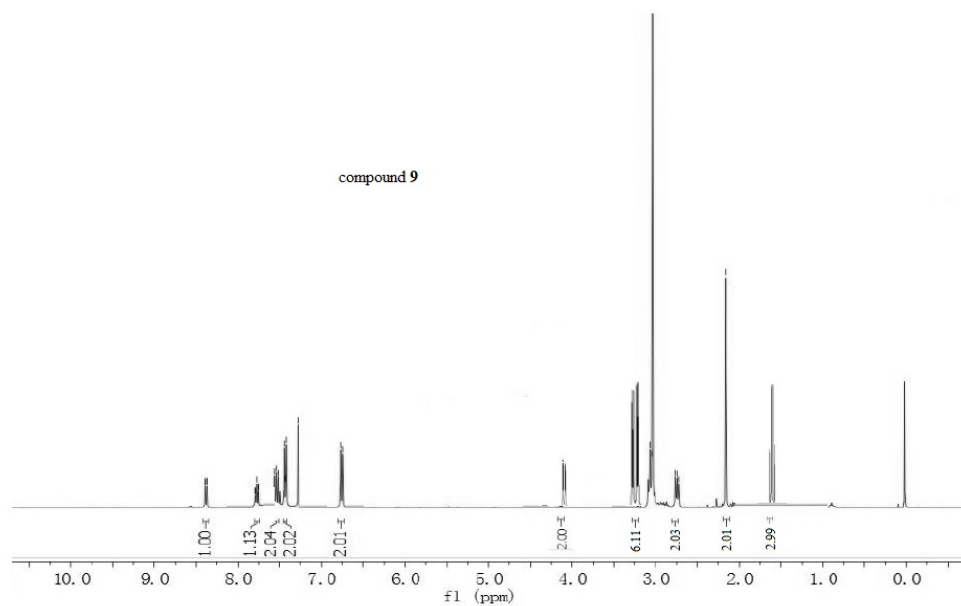


Fig. S13 —  $^1\text{H}$  NMR spectrum of compound 9

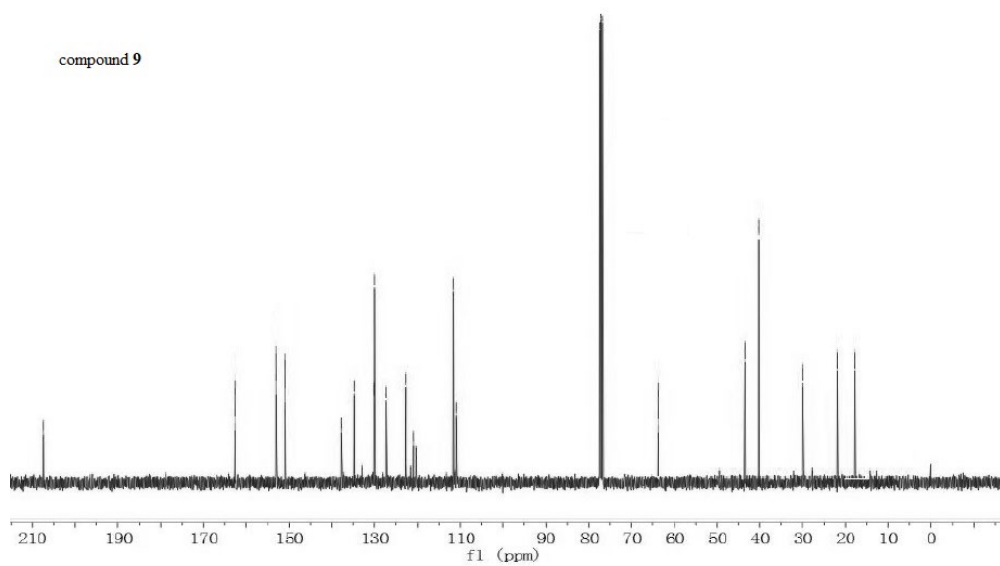


Fig. S14 —  $^{13}\text{C}$  NMR spectrum of compound 9