

## A Novel One-pot Three-step Synthesis of 2-(1-Benzofuran-2-yl)quinoline-3-carboxylic Acid Derivatives

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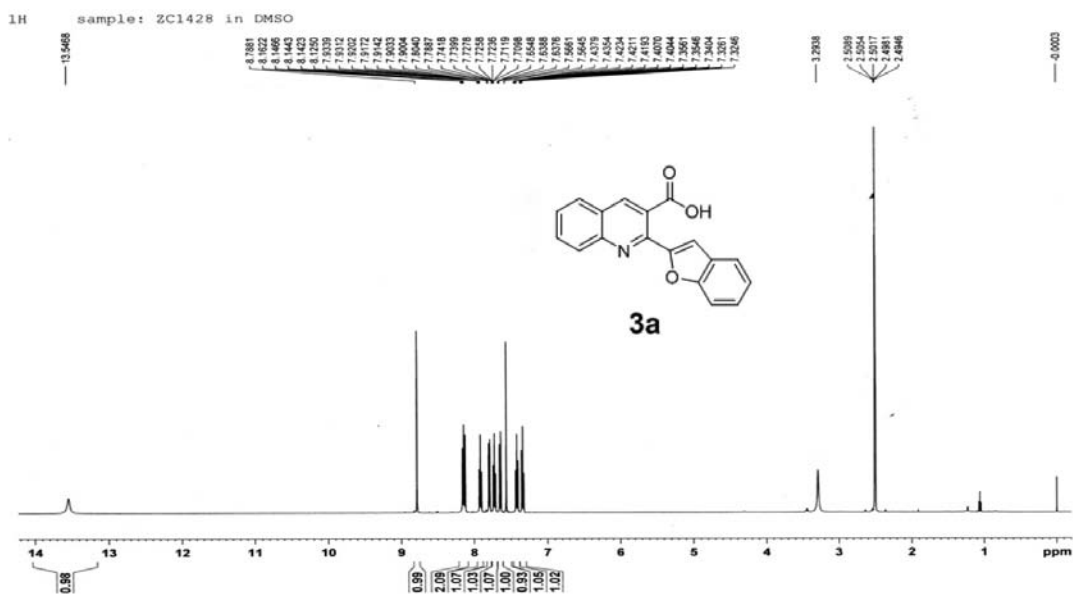
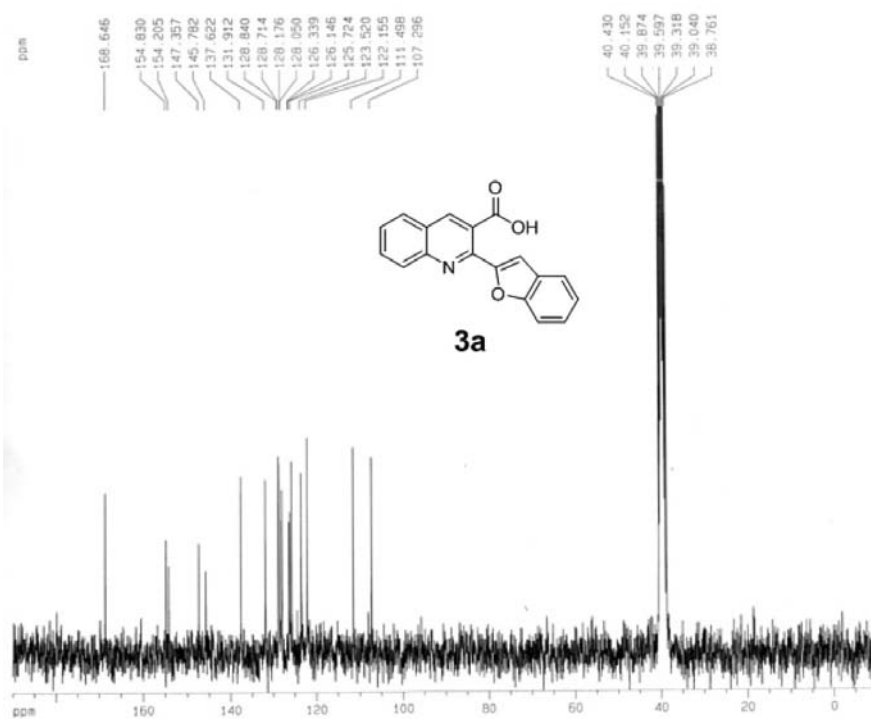
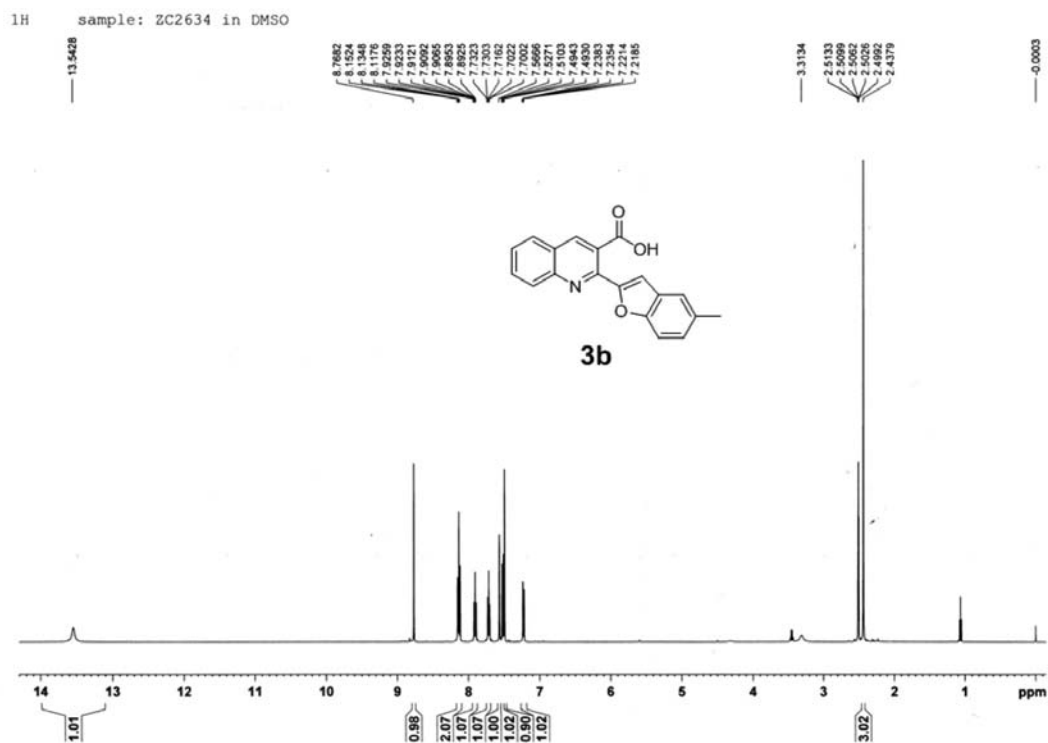
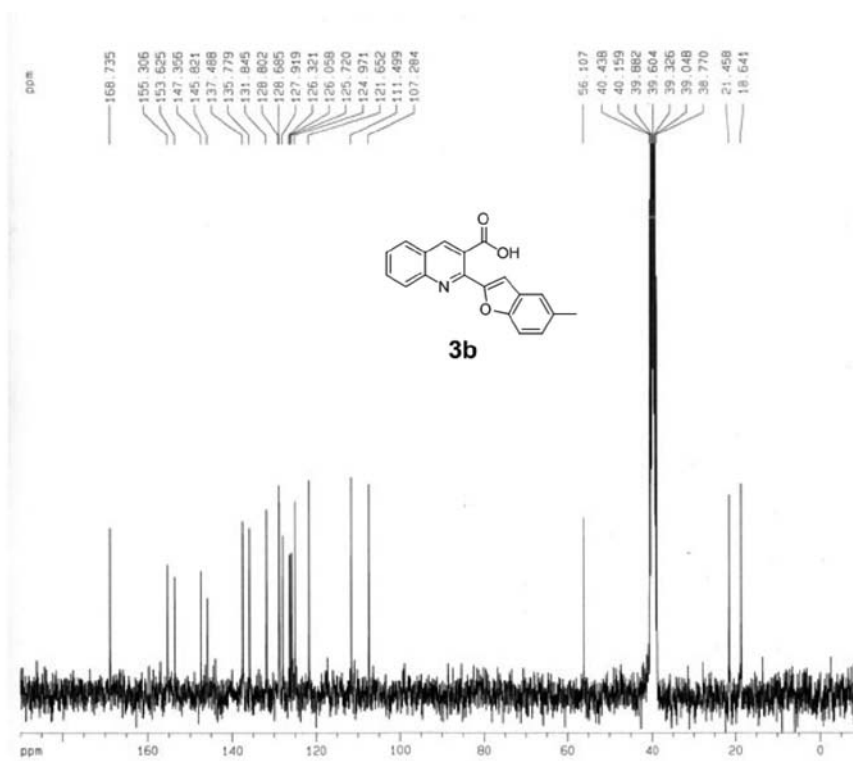
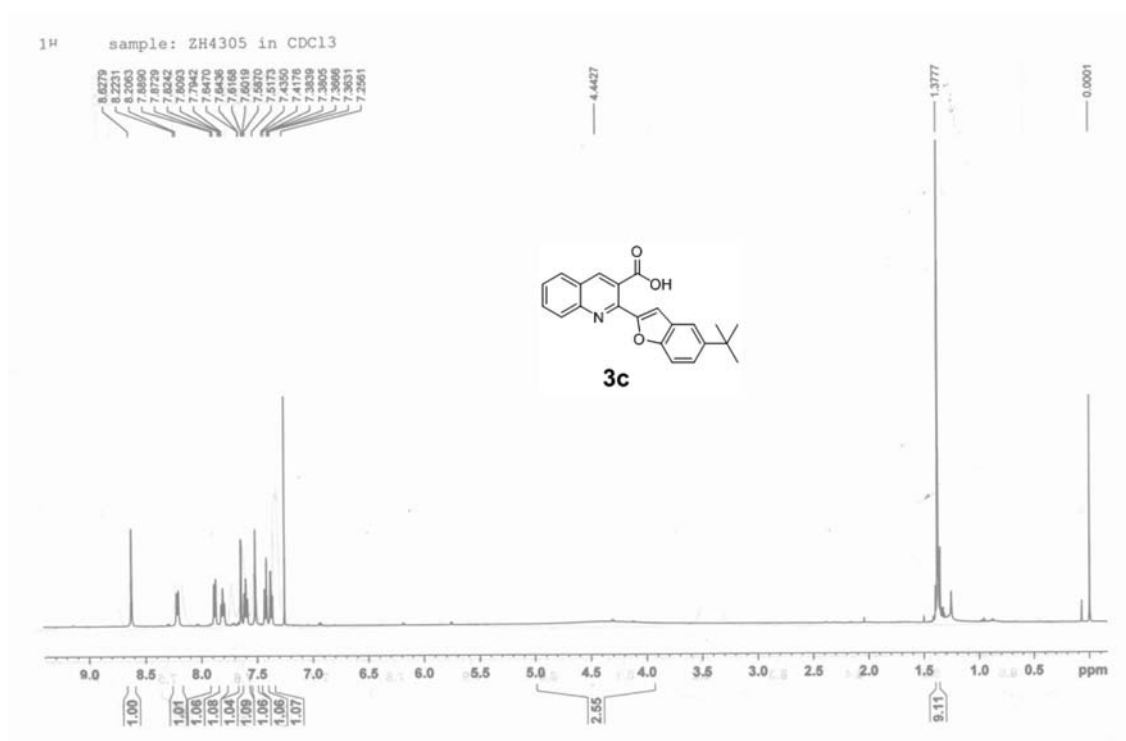
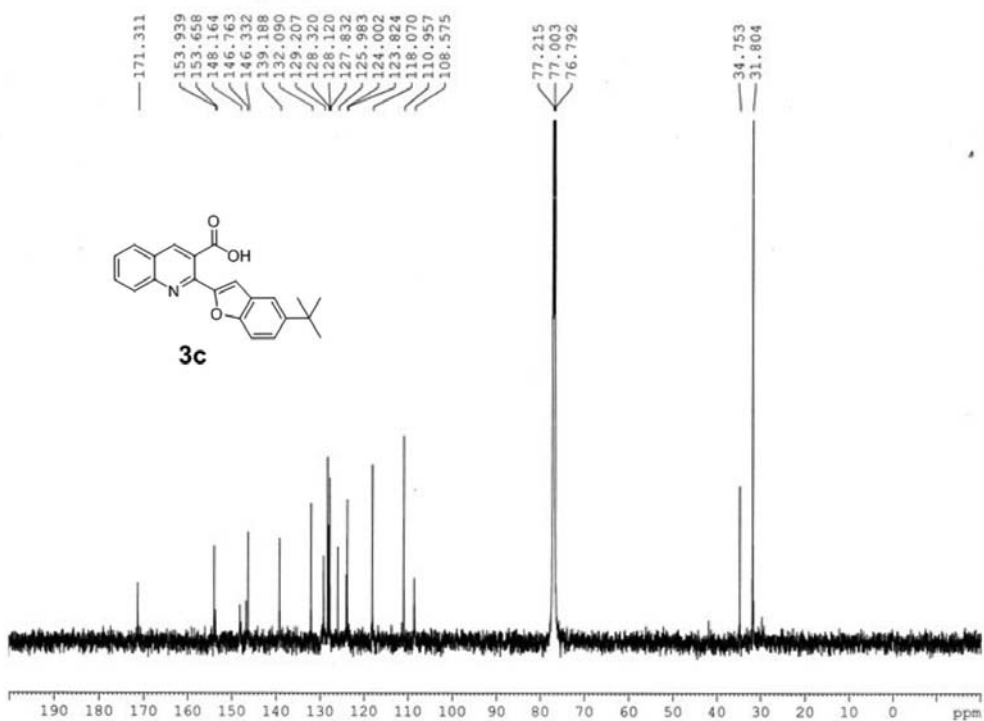
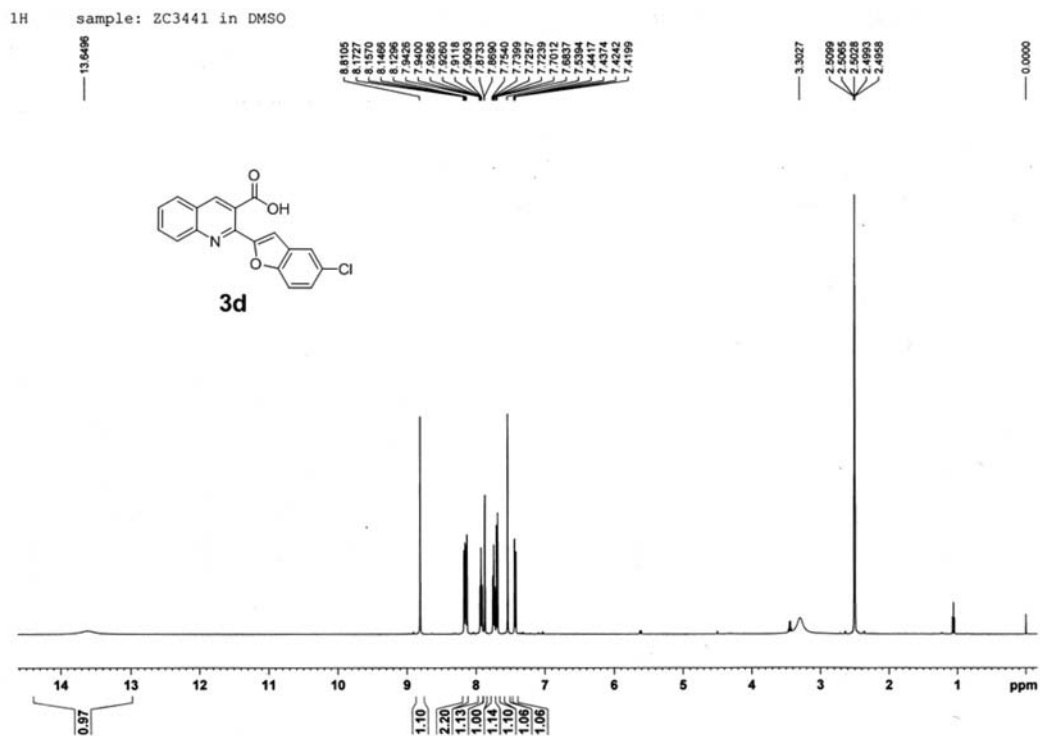
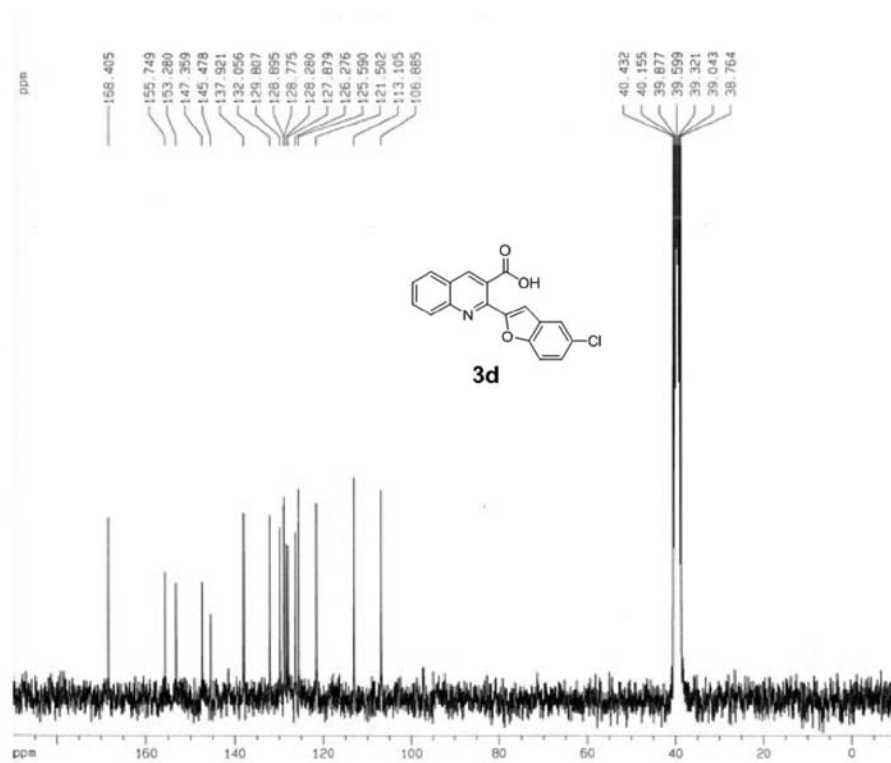
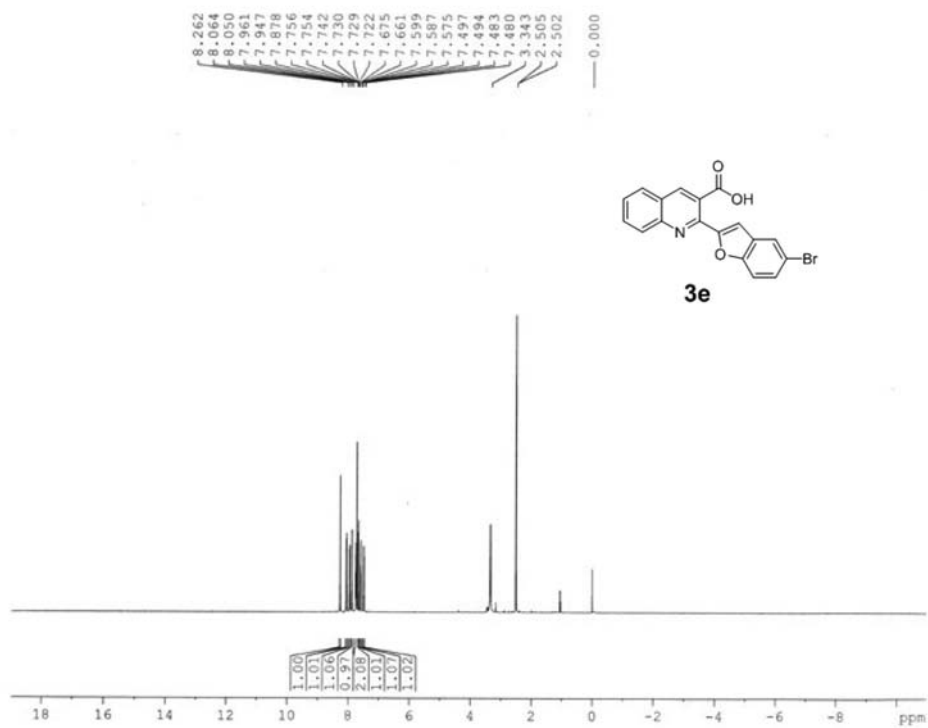


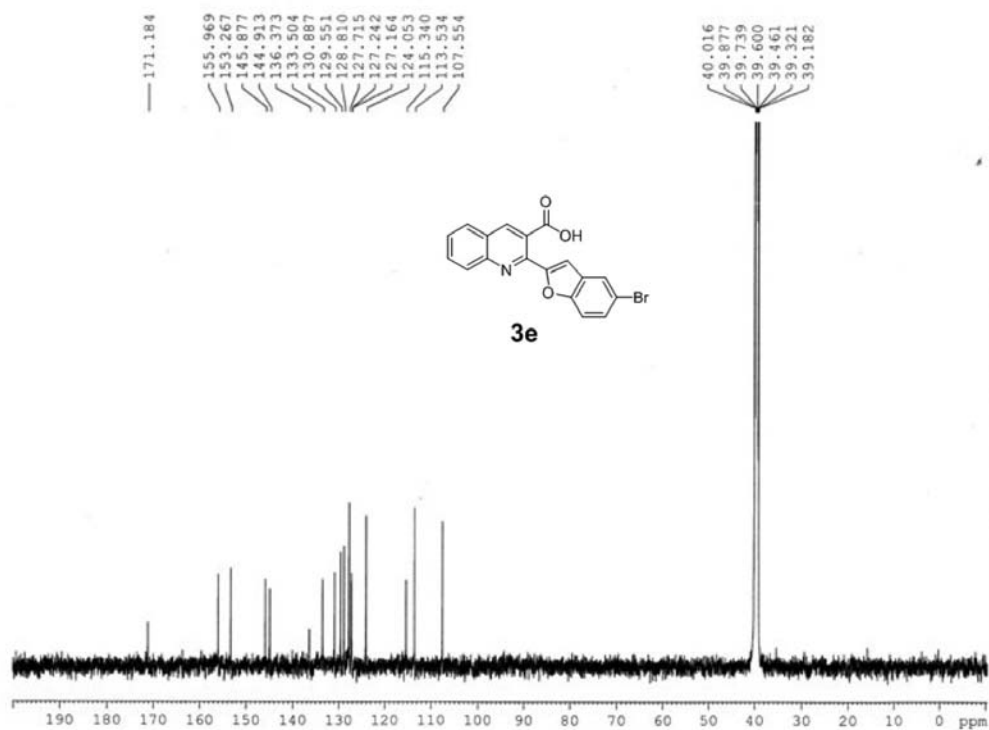
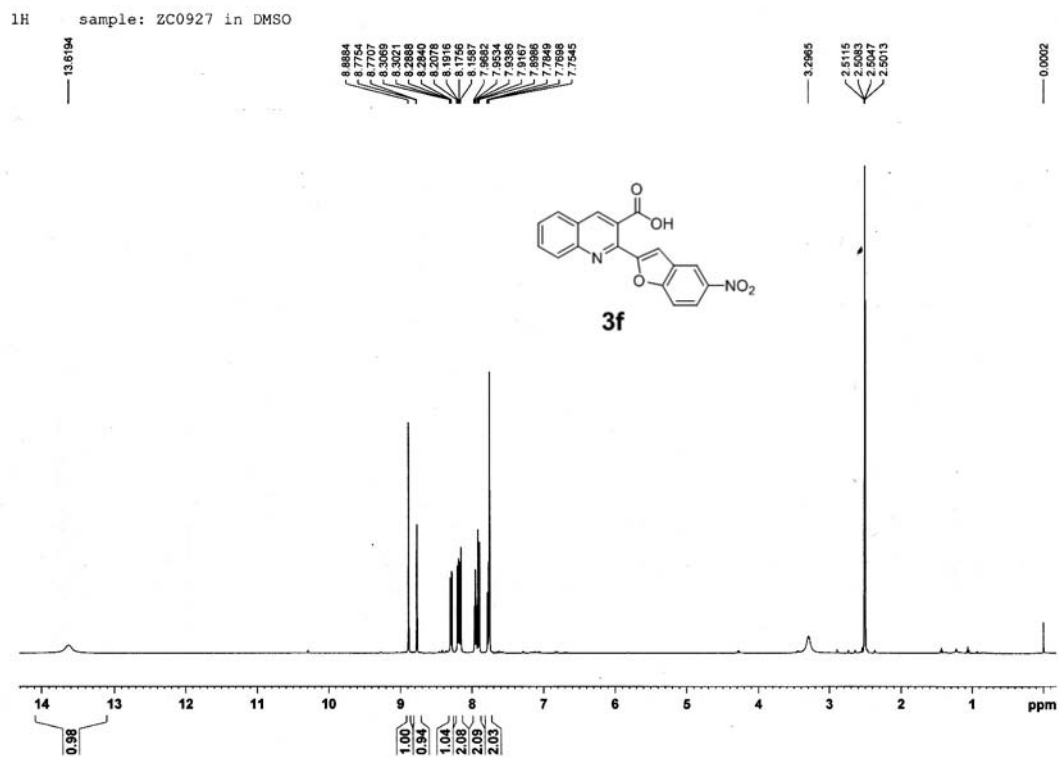
Figure S1. <sup>1</sup>H NMR spectrum of **3a**.

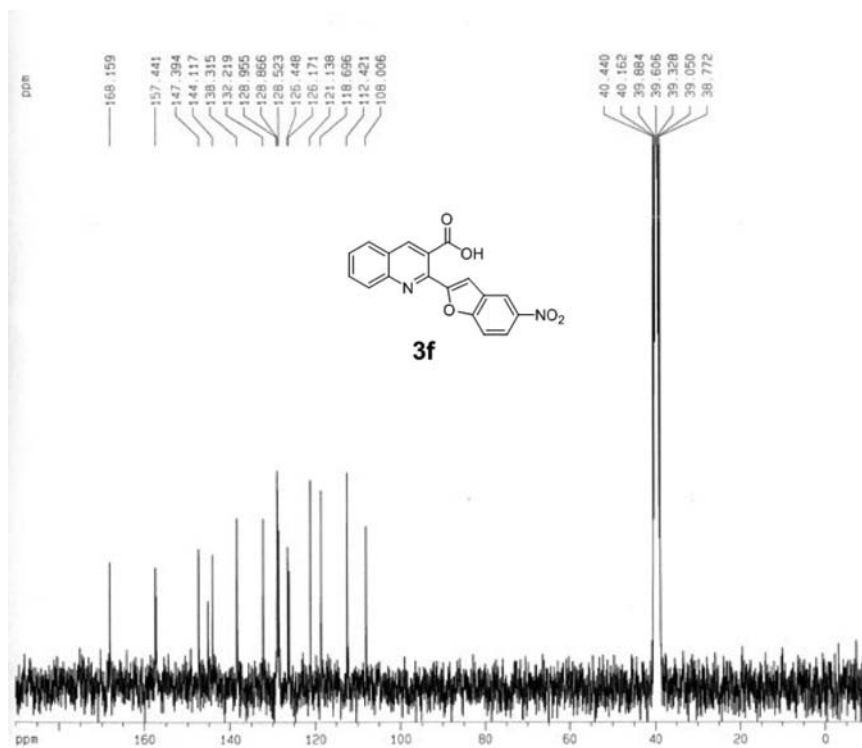
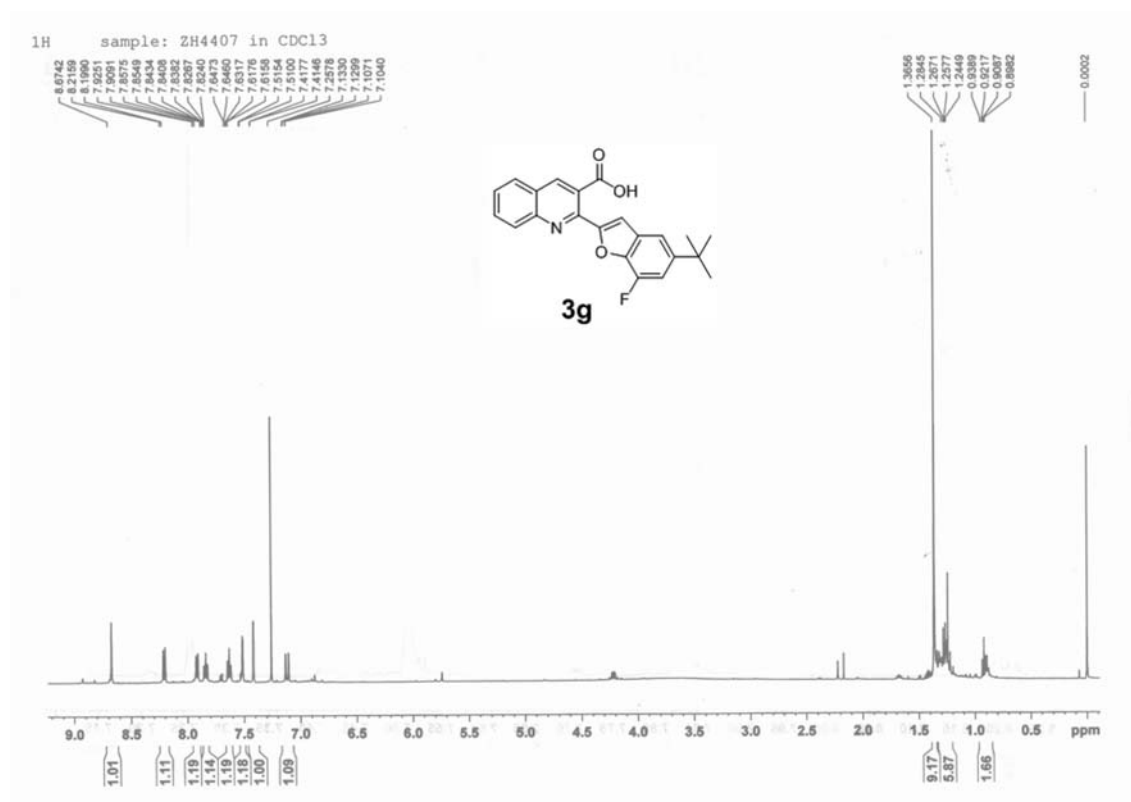
Figure S2. <sup>13</sup>C NMR spectrum of 3a.Figure S3. <sup>1</sup>H NMR spectrum of 3b.

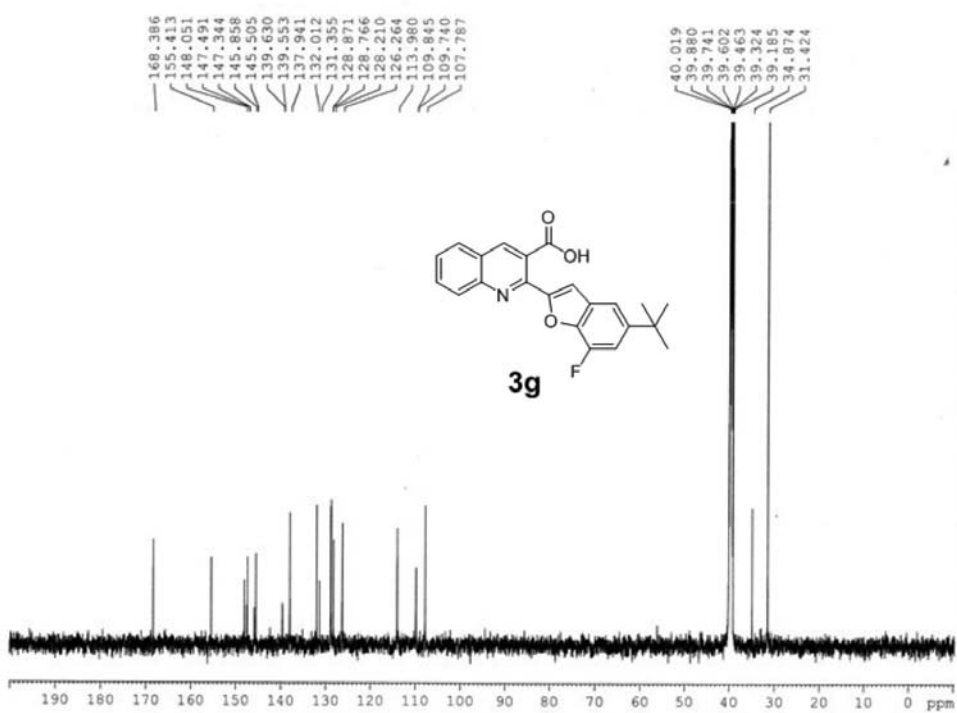
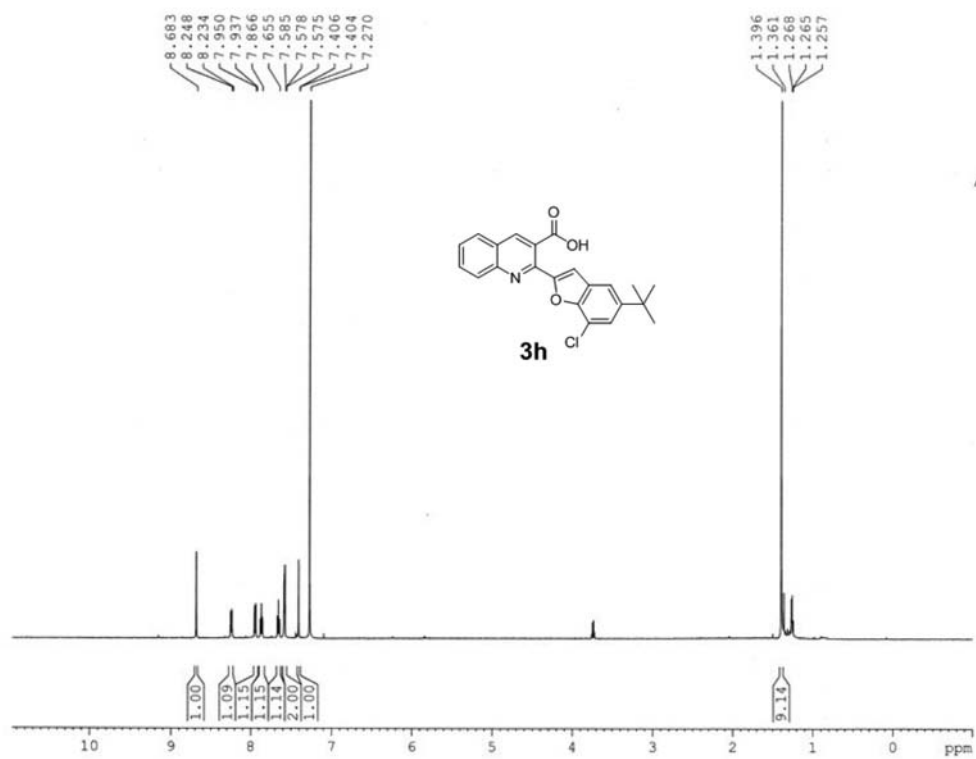
Figure S4.  $^{13}\text{C}$  NMR spectrum of **3b**.Figure S5.  $^1\text{H}$  NMR spectrum of **3c**.

Figure S6. <sup>13</sup>C NMR spectrum of 3c.Figure S7. <sup>1</sup>H NMR spectrum of 3d.

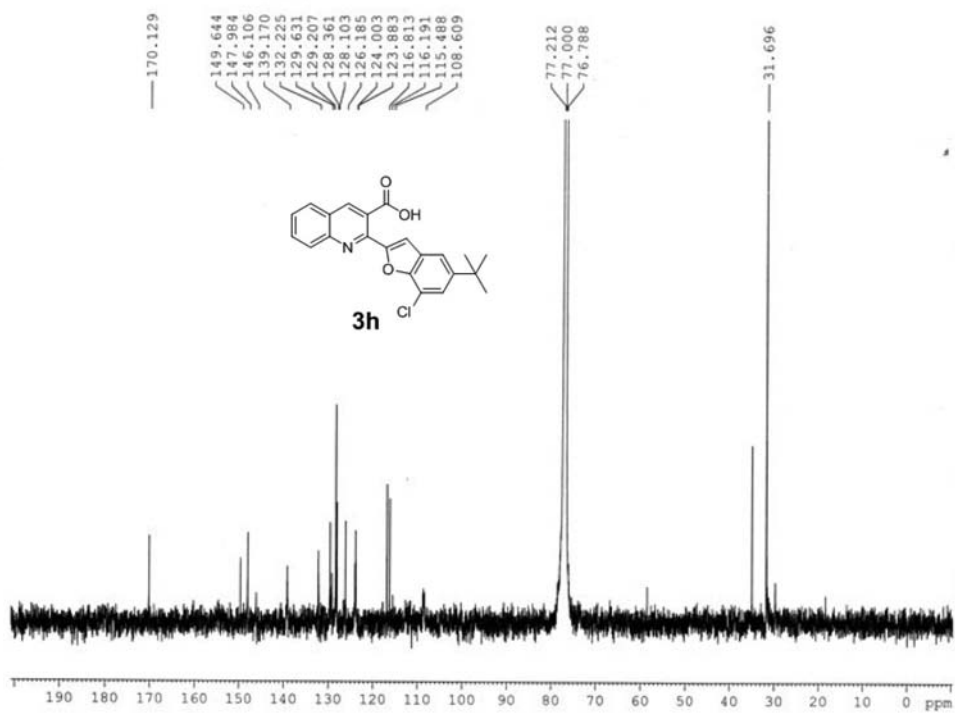
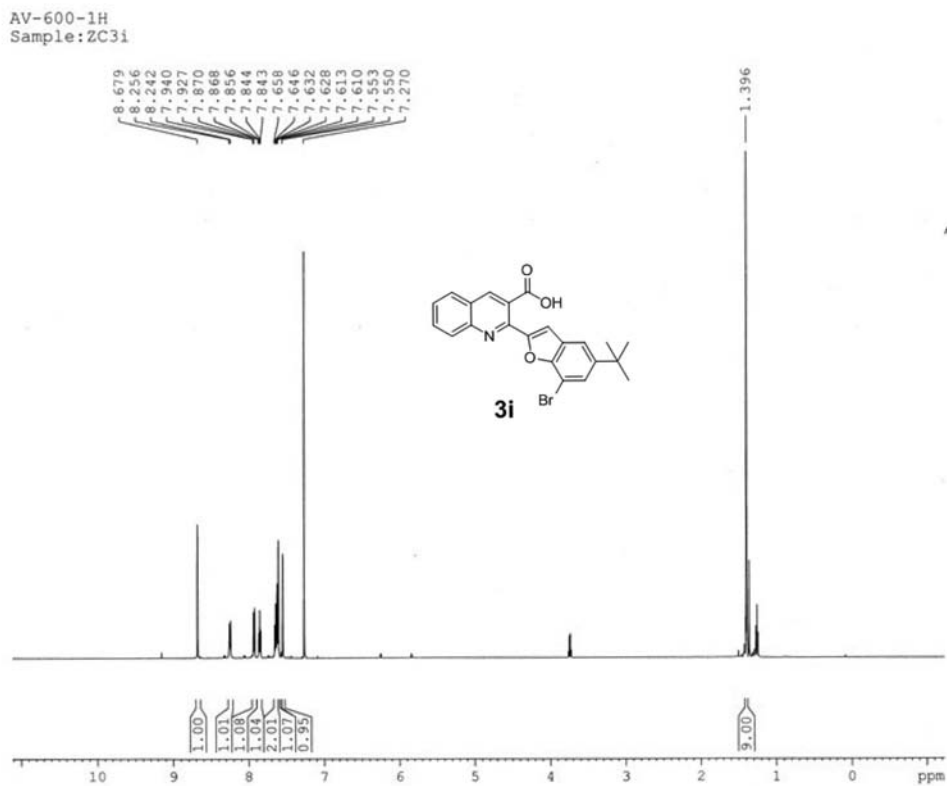
Figure S8. <sup>13</sup>C NMR spectrum of 3d.Figure S9. <sup>1</sup>H NMR spectrum of 3e

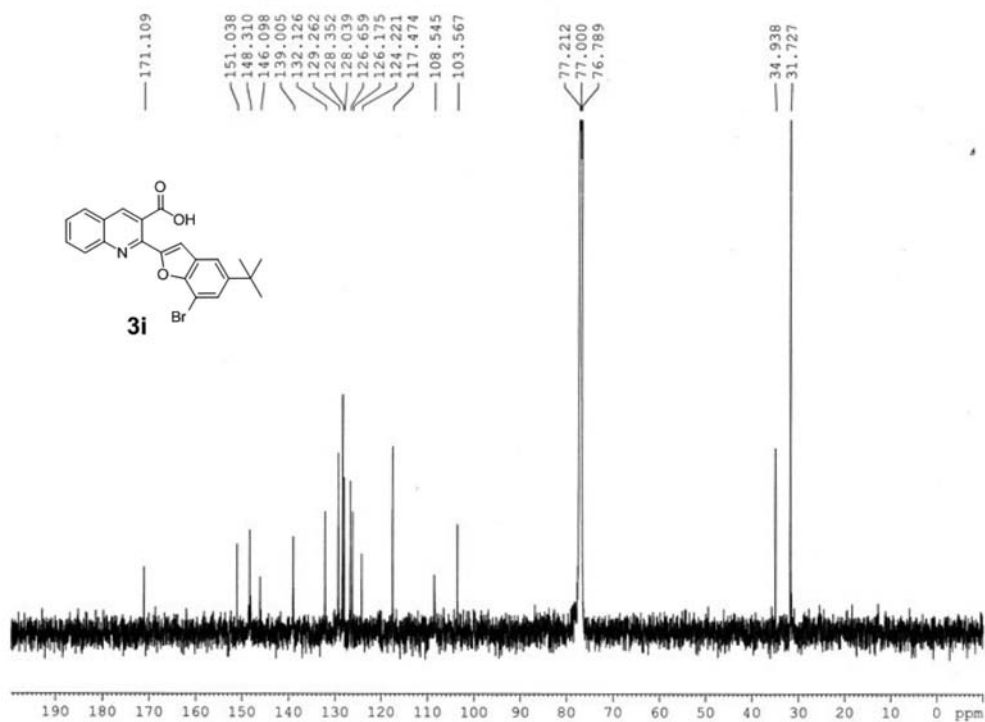
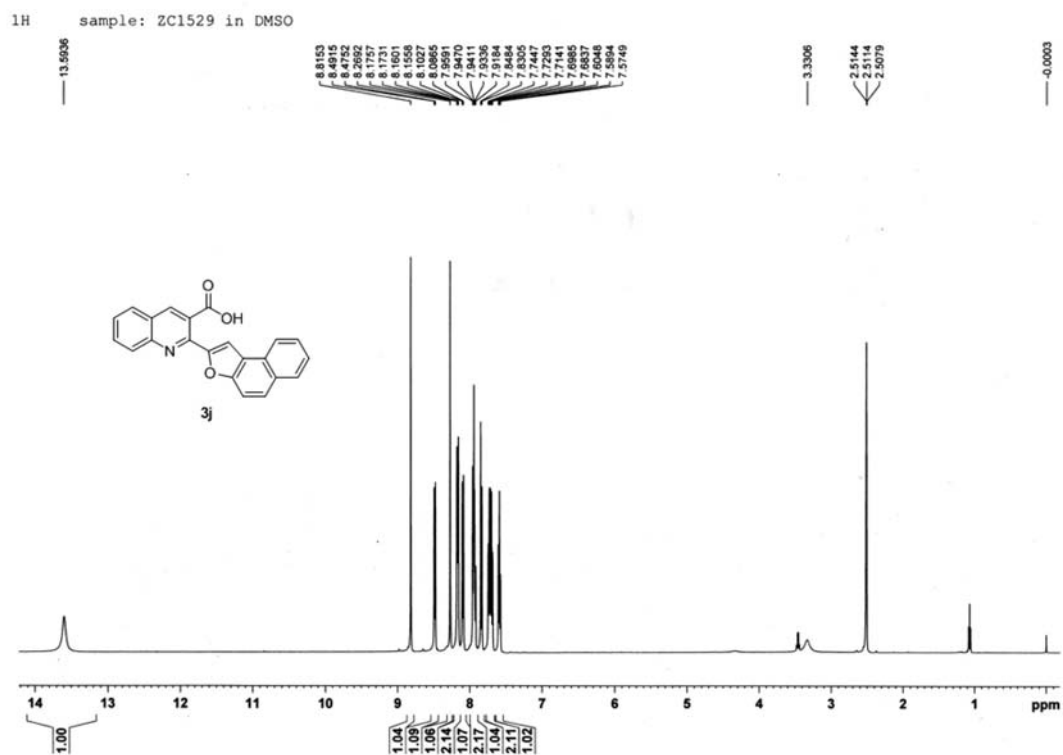
Figure S10. <sup>13</sup>C NMR spectrum of **3e**.Figure S11. <sup>1</sup>H NMR spectrum of **3f**.

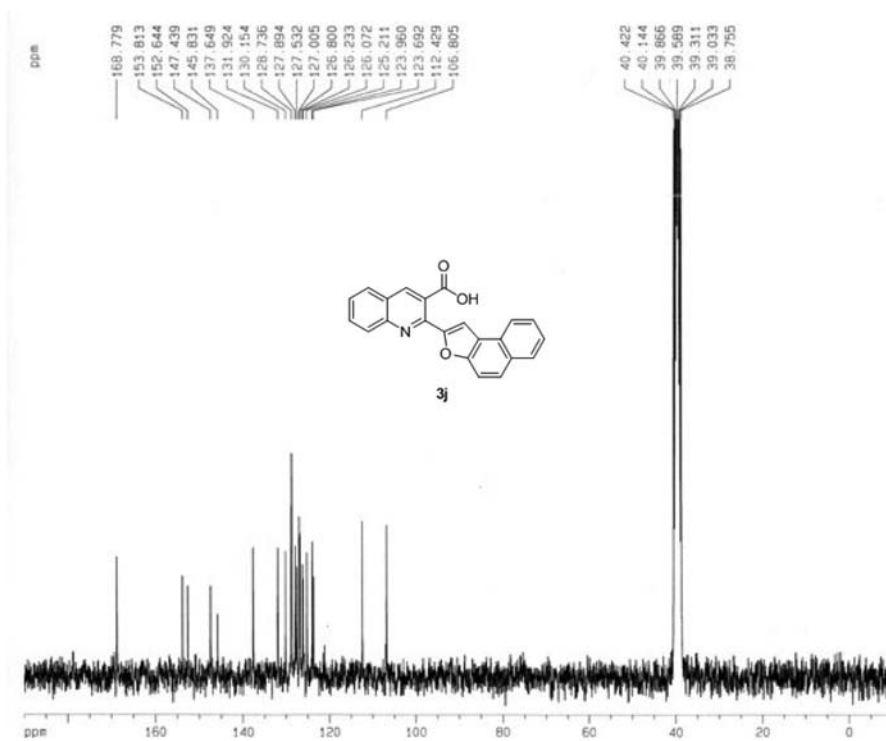
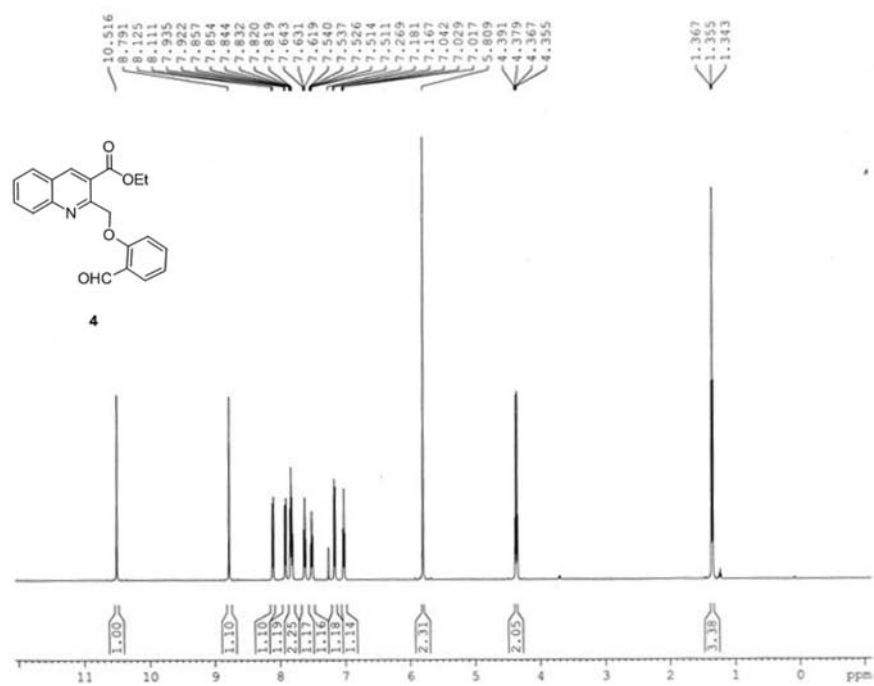
Figure S12. <sup>13</sup>C NMR spectrum of 3f.Figure S13. <sup>1</sup>H NMR spectrum of 3g.

Figure S14.  $^{13}\text{C}$  NMR spectrum of **3g**.Figure S15.  $^1\text{H}$  NMR spectrum of **3h**.



Figure S16. <sup>13</sup>C NMR spectrum of **3h**.Figure S17. <sup>1</sup>H NMR spectrum of **3i**.

Figure S18. <sup>13</sup>C NMR spectrum of **3i**.Figure S19. <sup>1</sup>H NMR spectrum of **3j**.

Figure S20. <sup>13</sup>C NMR spectrum of **3j**.Figure S21. <sup>1</sup>H NMR spectrum of **4**.

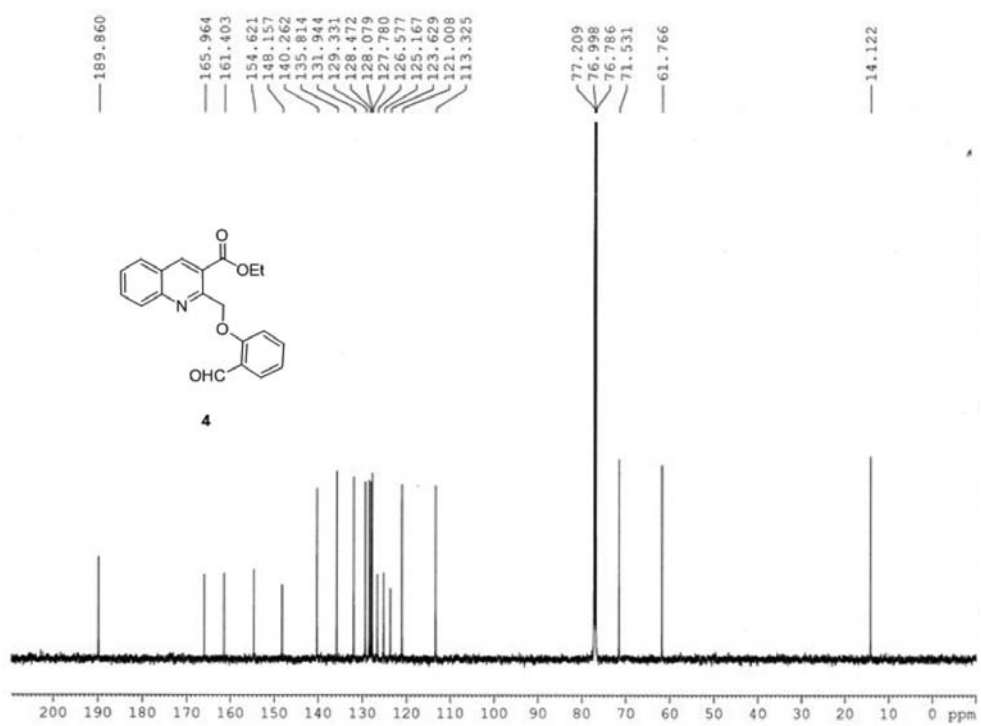


Figure S22.  $^{13}\text{C}$  NMR spectrum of **4**.