

# Supplementary Materials: Synthesis and Evaluation of Ester Derivatives of 10-Hydroxycanthin-6-one as Potential Antimicrobial Agents

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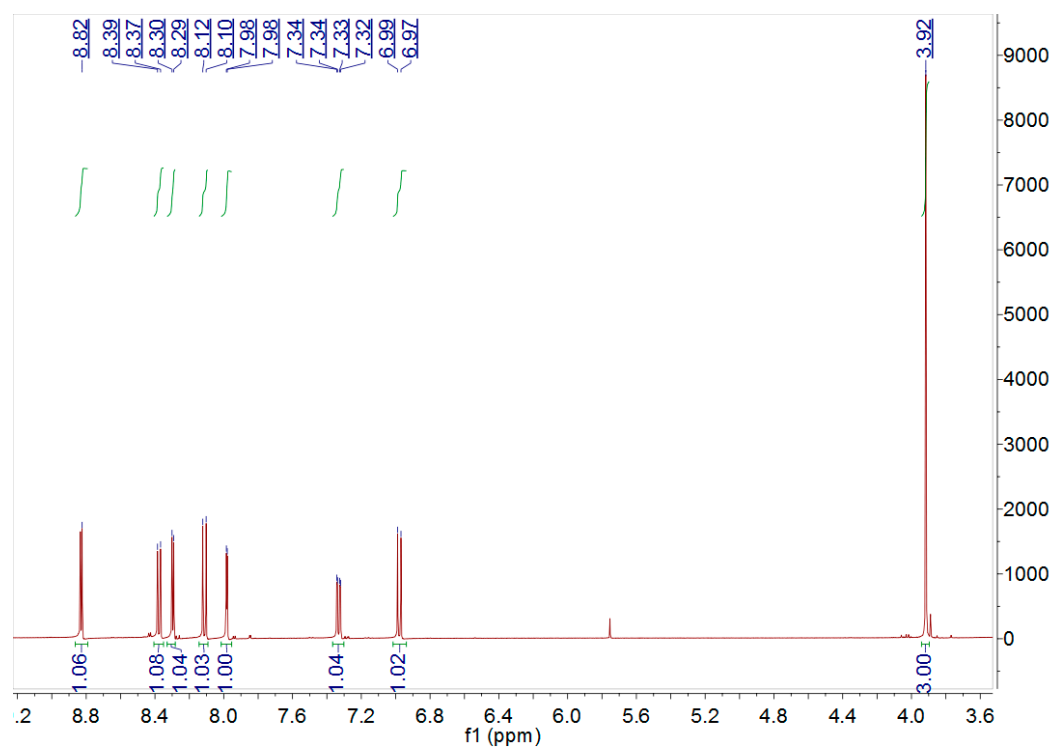


Figure S1. <sup>1</sup>H-NMR spectrum of compound 5.

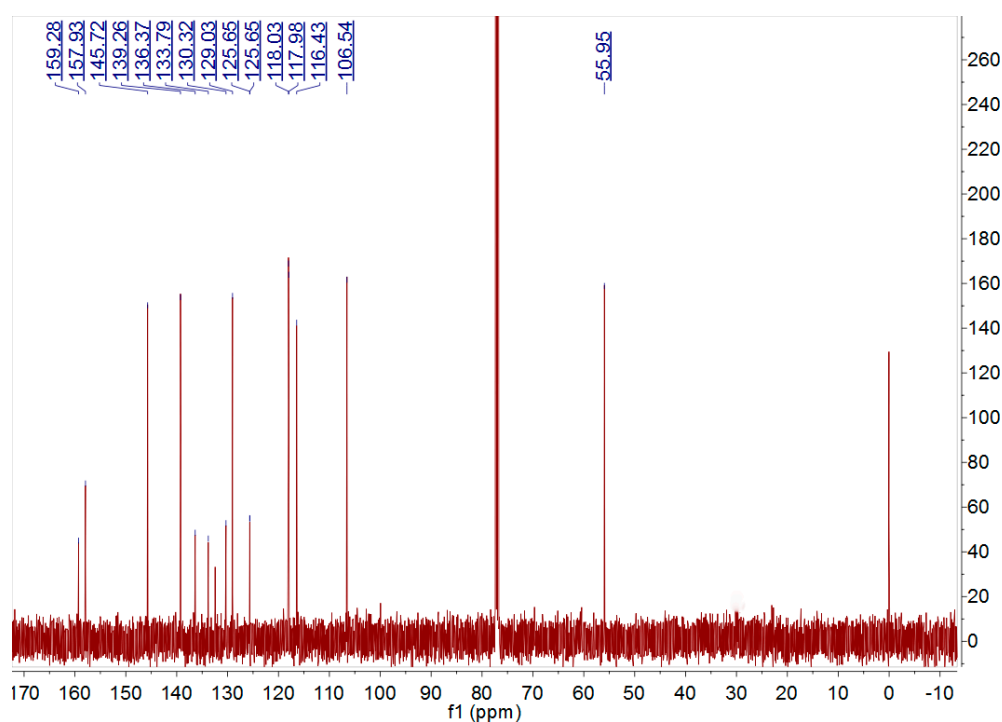
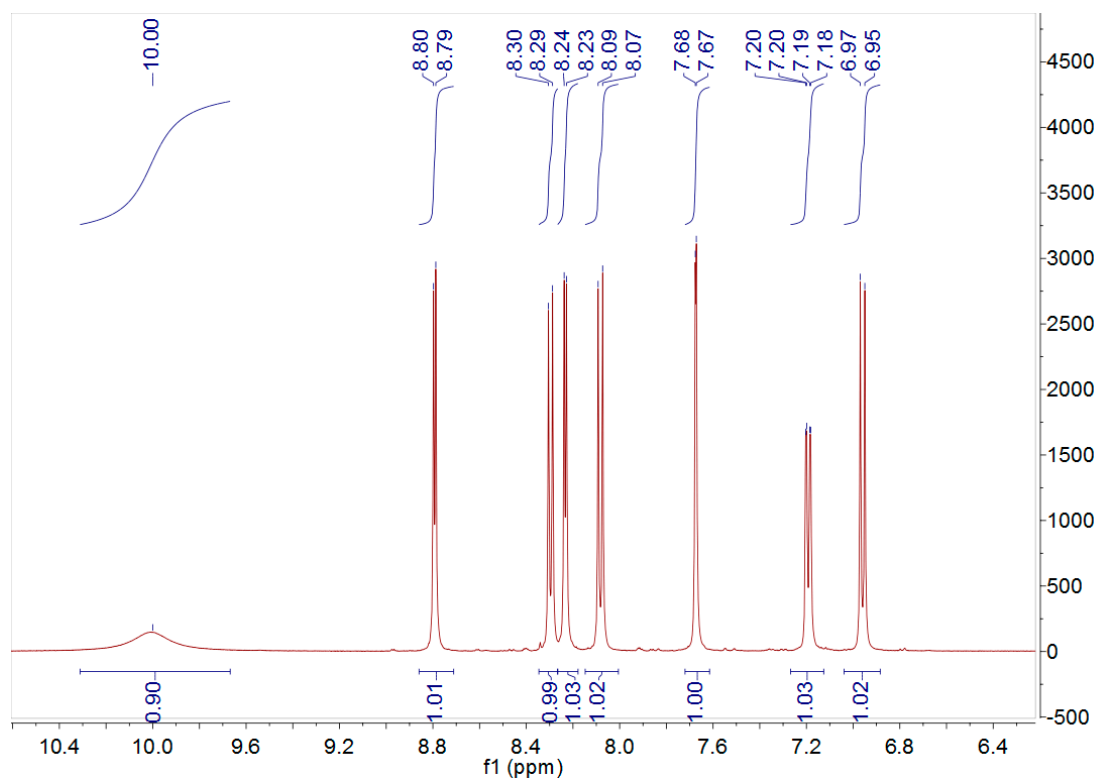
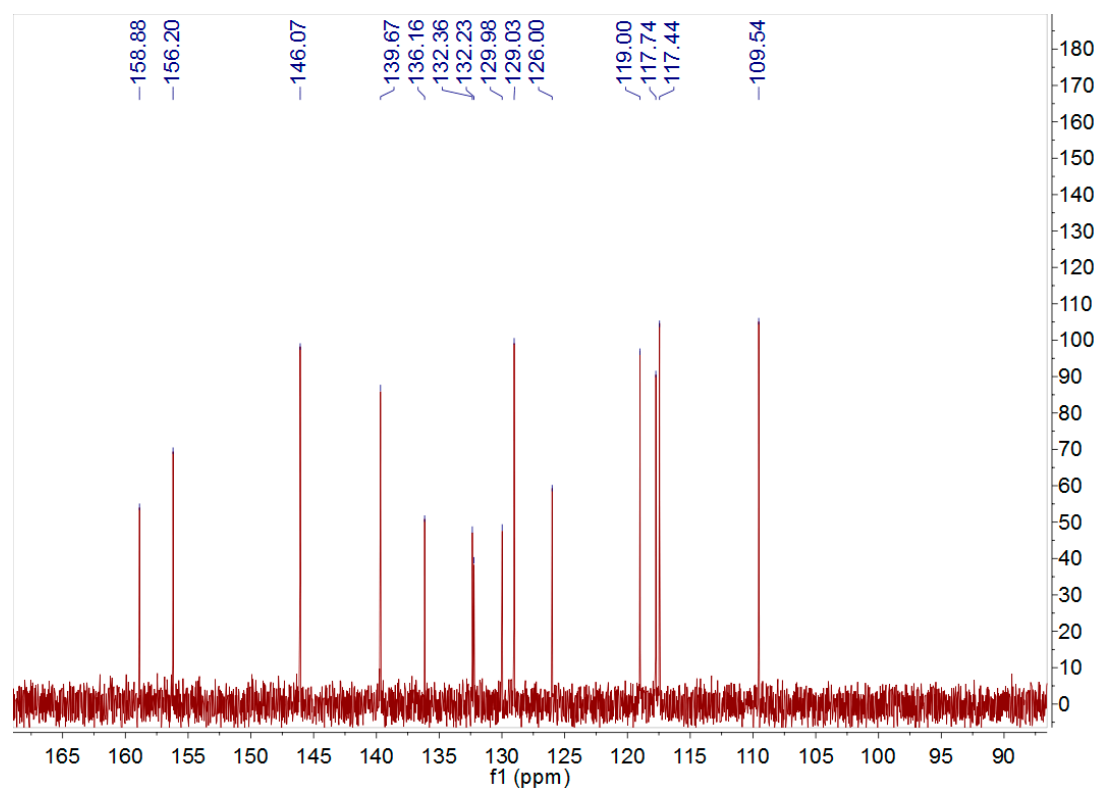
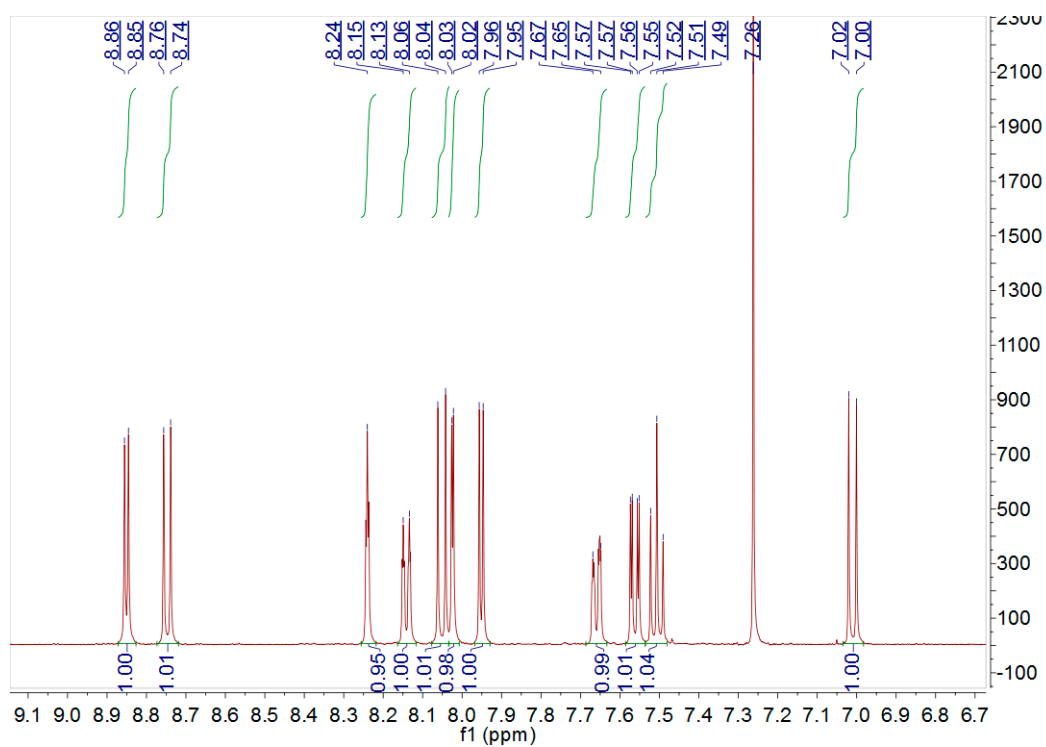
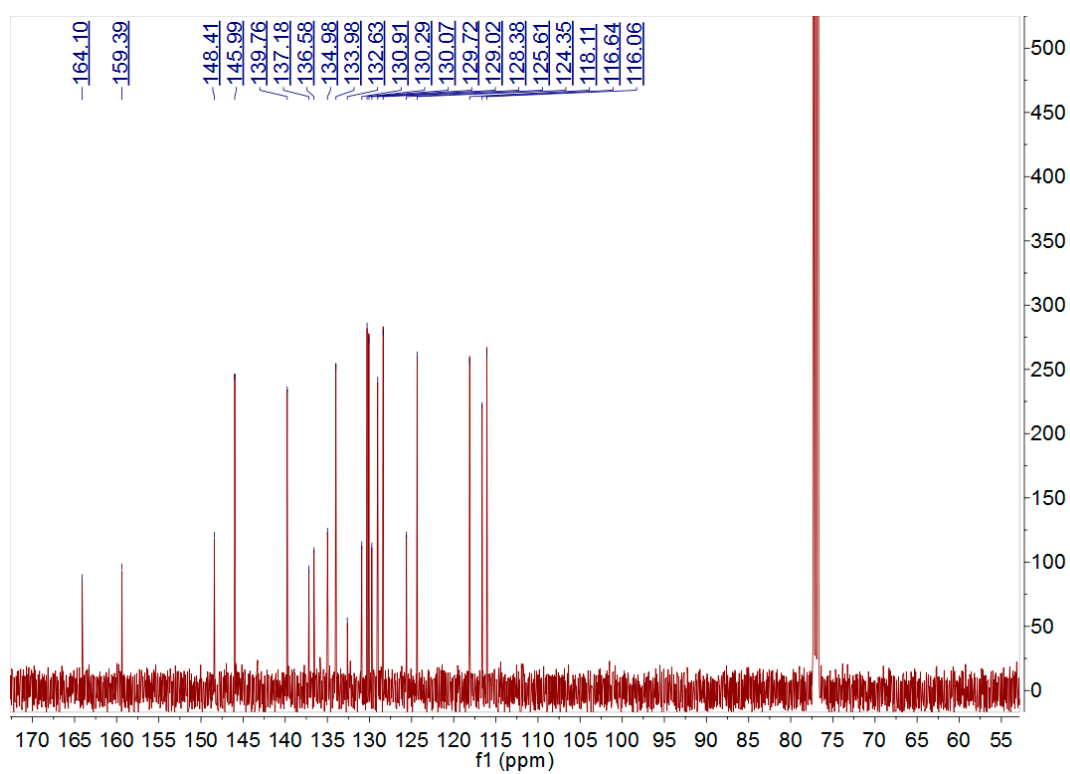
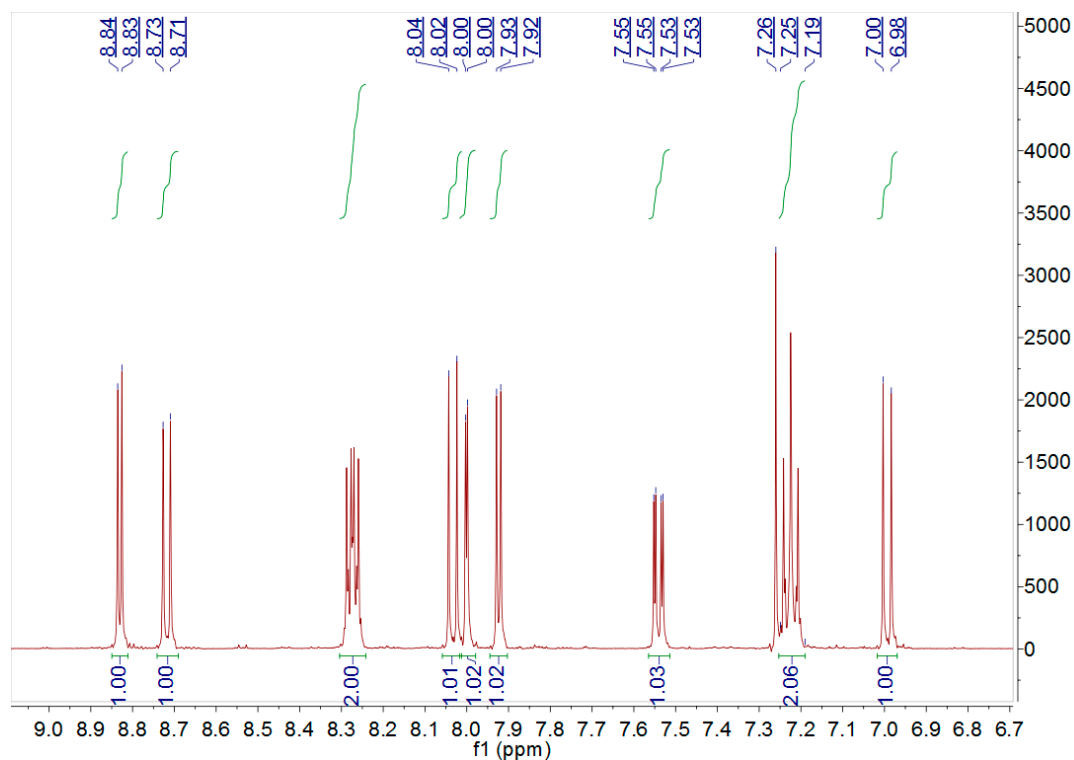
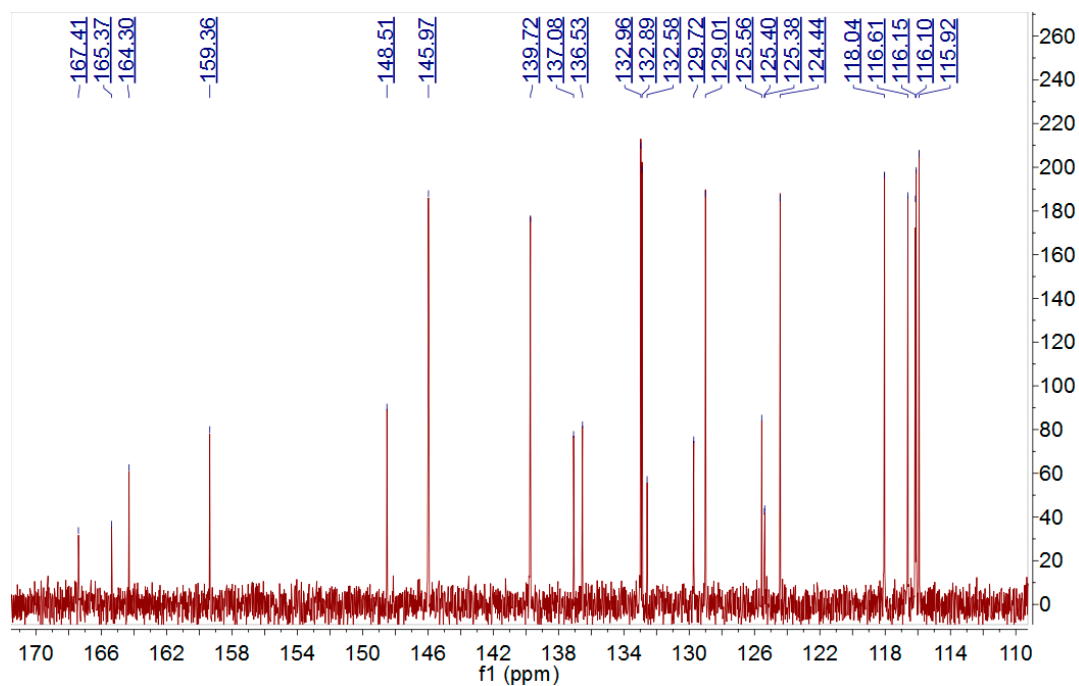
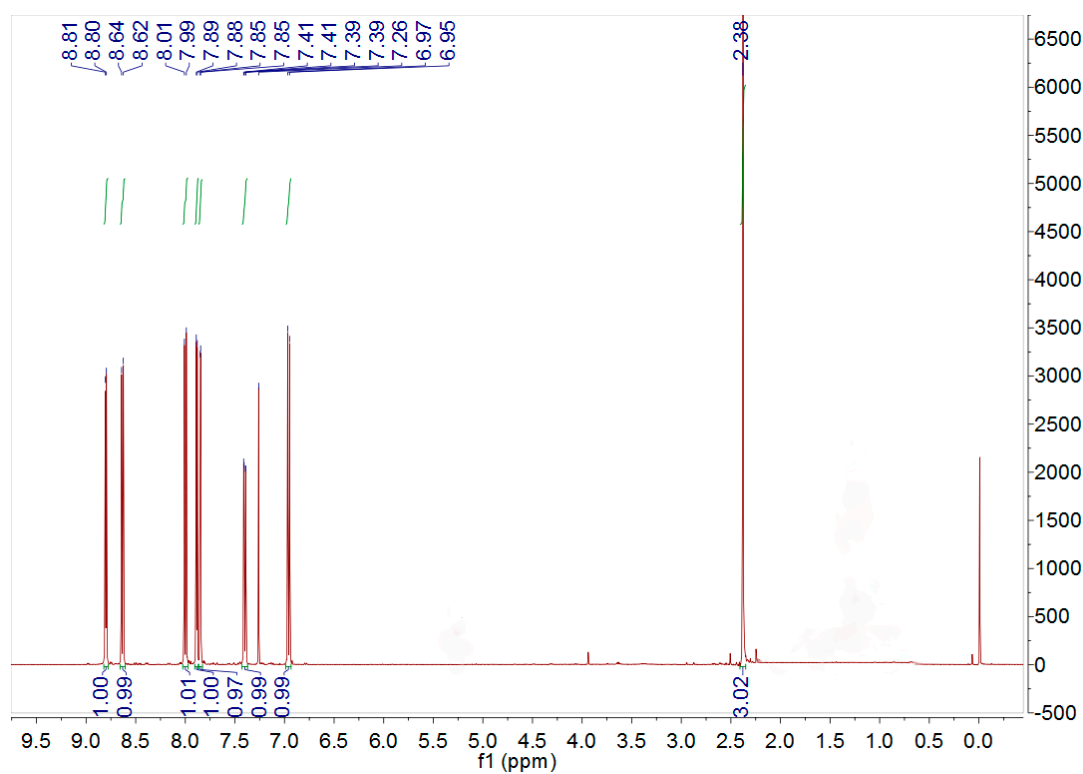
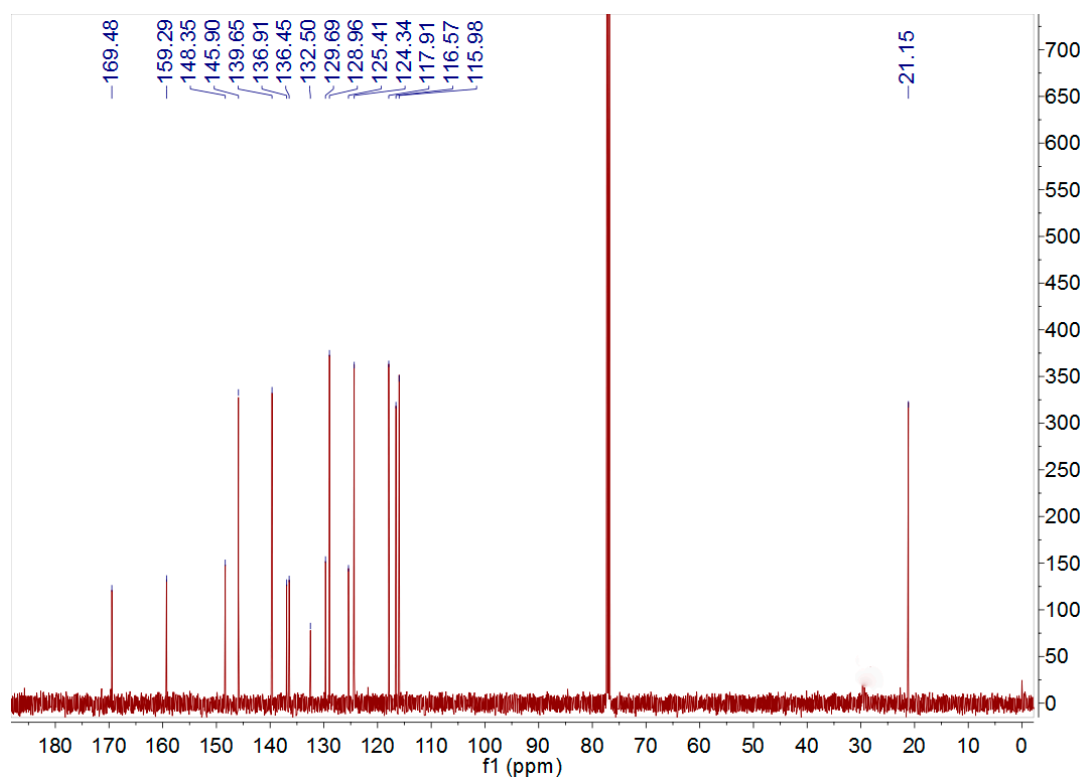


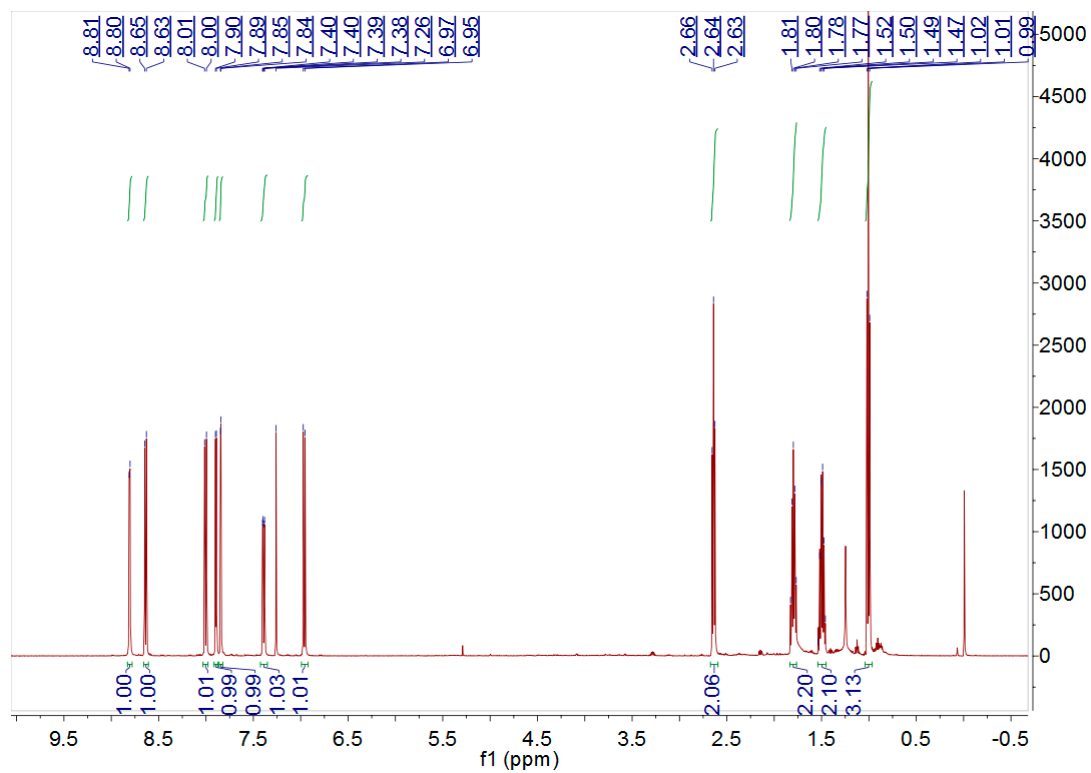
Figure S2. <sup>13</sup>C-NMR spectrum of compound 5.

Figure S3.  $^1\text{H-NMR}$  spectrum of compound 6.Figure S4.  $^{13}\text{C-NMR}$  spectrum of compound 6.

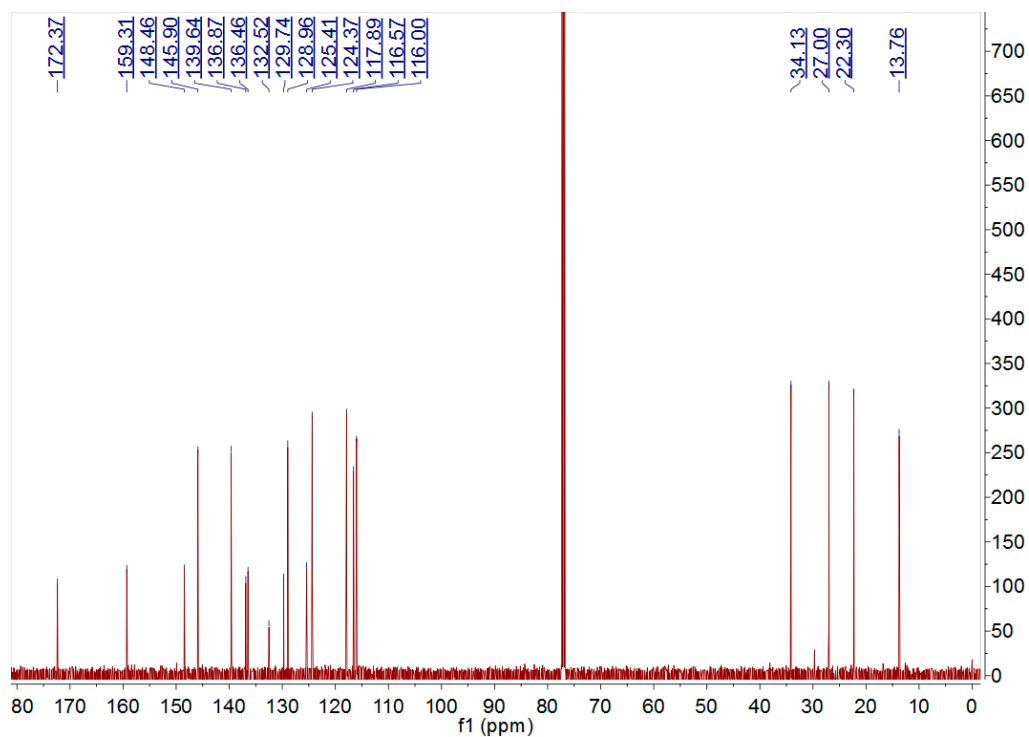
Figure S5. <sup>1</sup>H-NMR spectrum of compound 7g.Figure S6. <sup>13</sup>C-NMR spectrum of compound 7g.

Figure S7. <sup>1</sup>H-NMR spectrum of compound 7m.Figure S8. <sup>13</sup>C-NMR spectrum of compound 7m.

Figure S9. <sup>1</sup>H-NMR spectrum of compound 7s.Figure S10. <sup>13</sup>C-NMR spectrum of compound 7s.



**Figure S11.**  $^1\text{H-NMR}$  spectrum of compound 7v.



**Figure S12.**  $^{13}\text{C-NMR}$  spectrum of compound 7v.

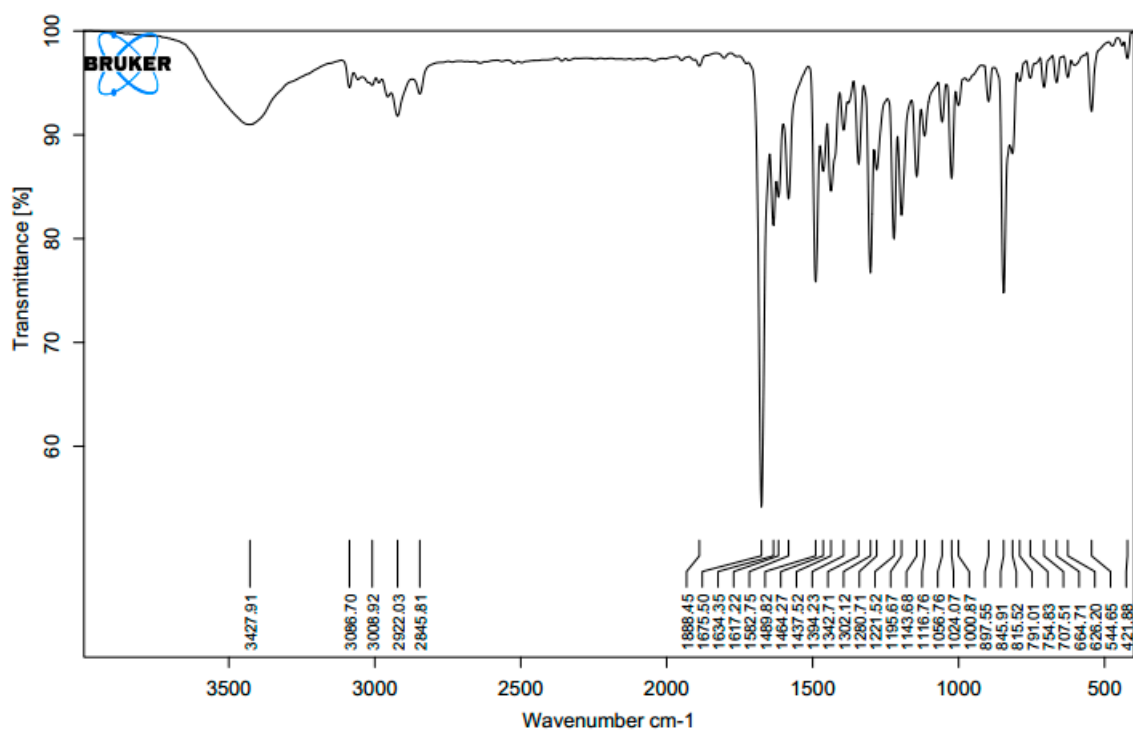


Figure S13. FT-IR spectrum of compound 5.

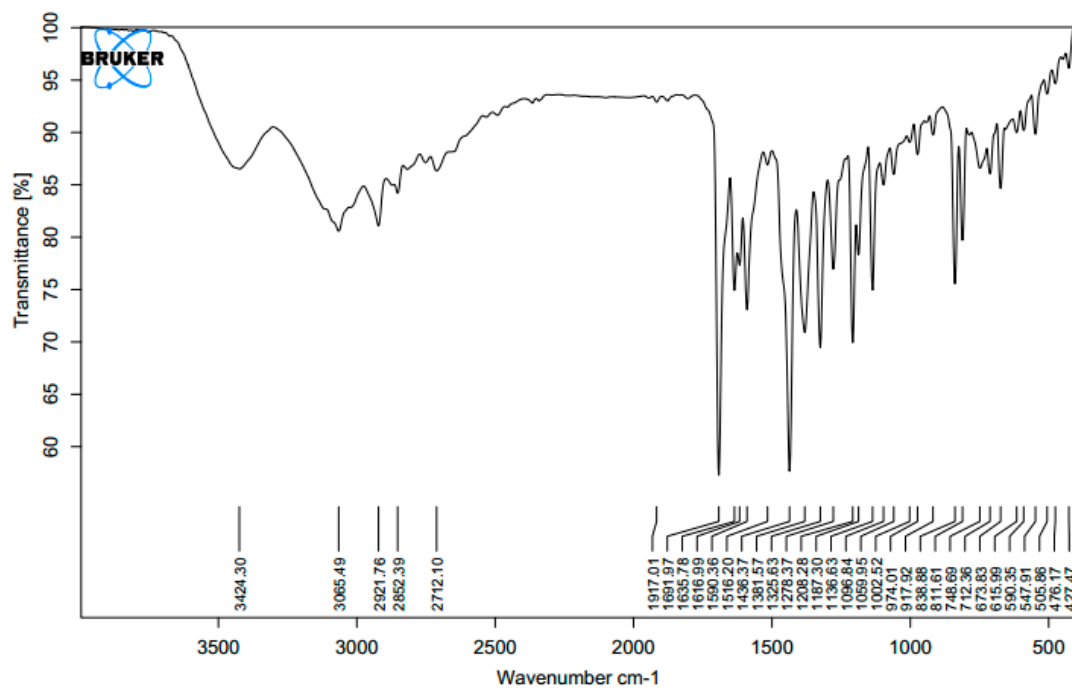


Figure S14. FT-IR spectrum of compound 6.

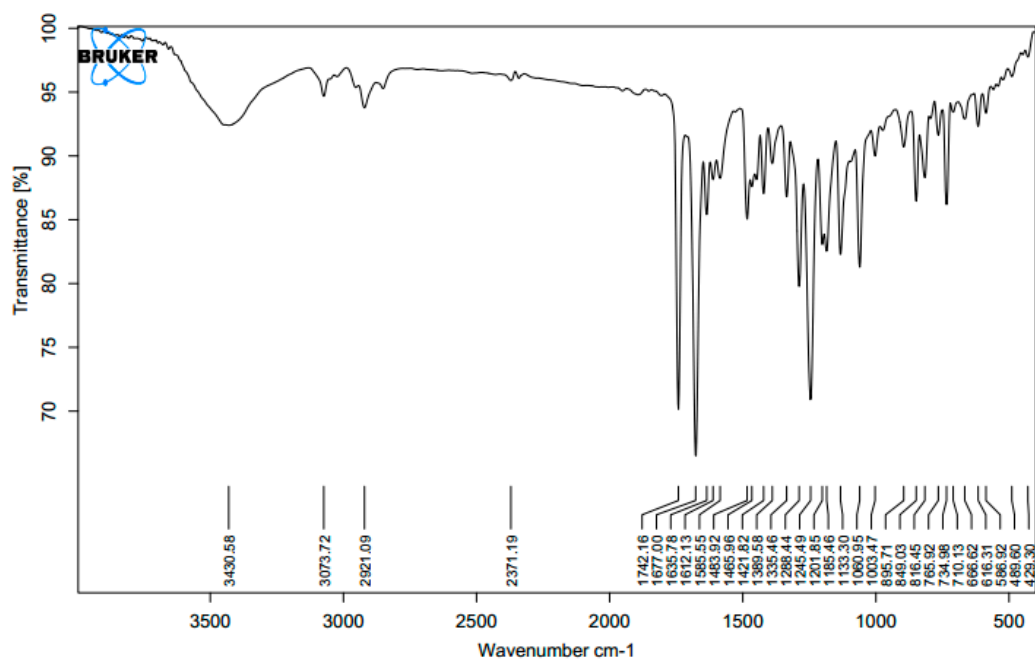


Figure S15. FT-IR spectrum of compound 7g.

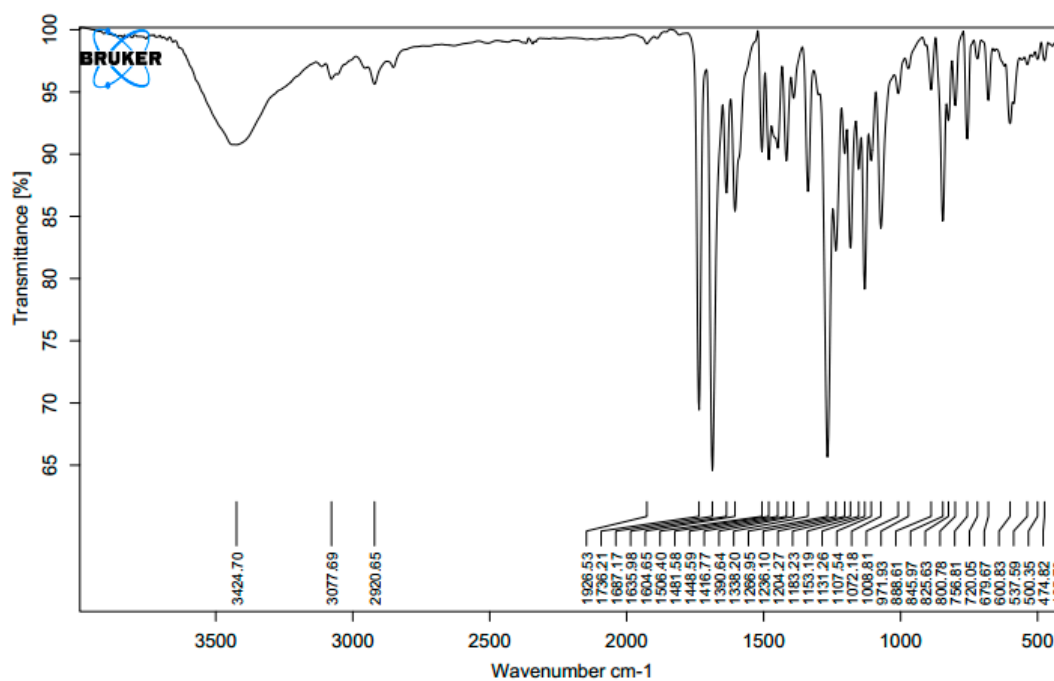


Figure S16. FT-IR spectrum of compound 7m.



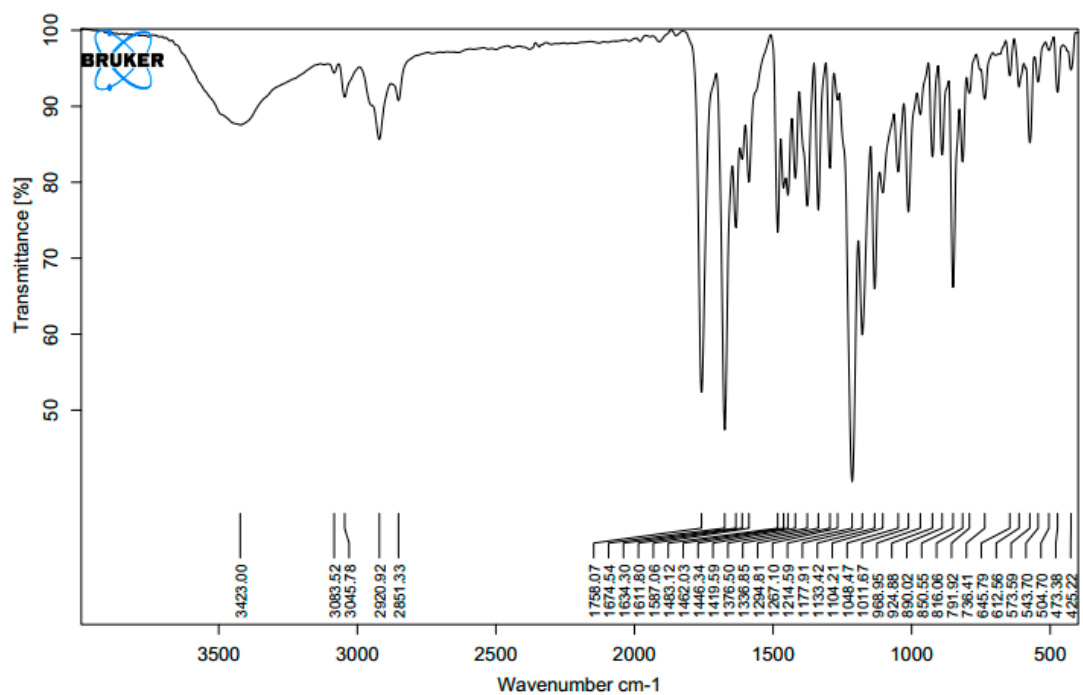


Figure S17. FT-IR spectrum of compound 7s.

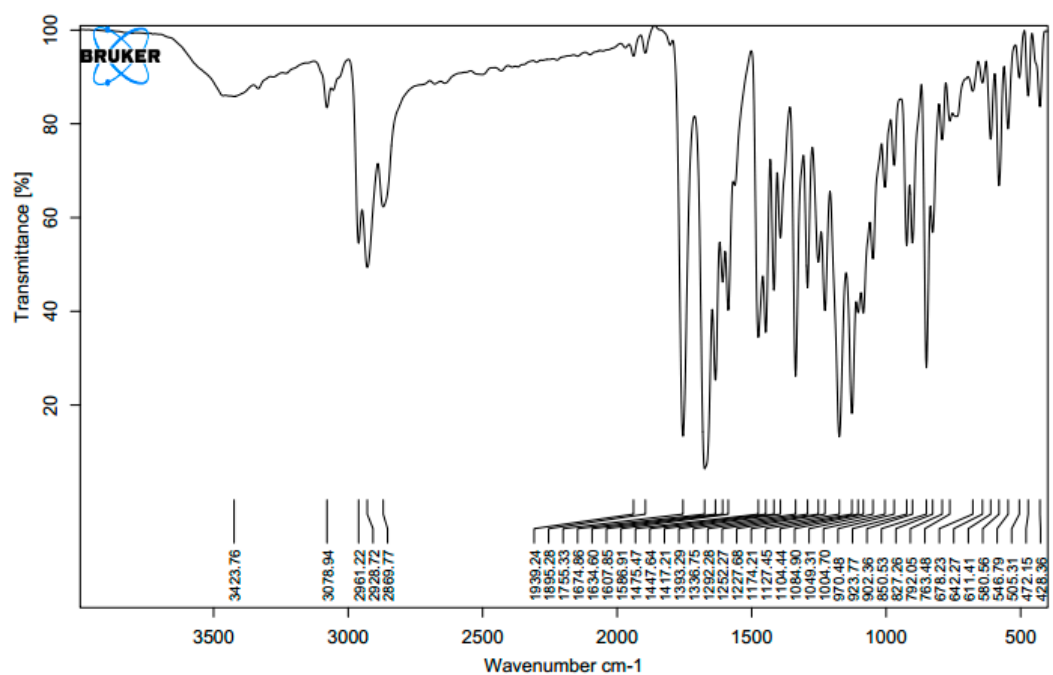


Figure S18. FT-IR spectrum of compound 7v.