

# Supplementary Information

## A New Approach for the Synthesis of Bioactive Heteroaryl Thiazolidine-2,4-diones

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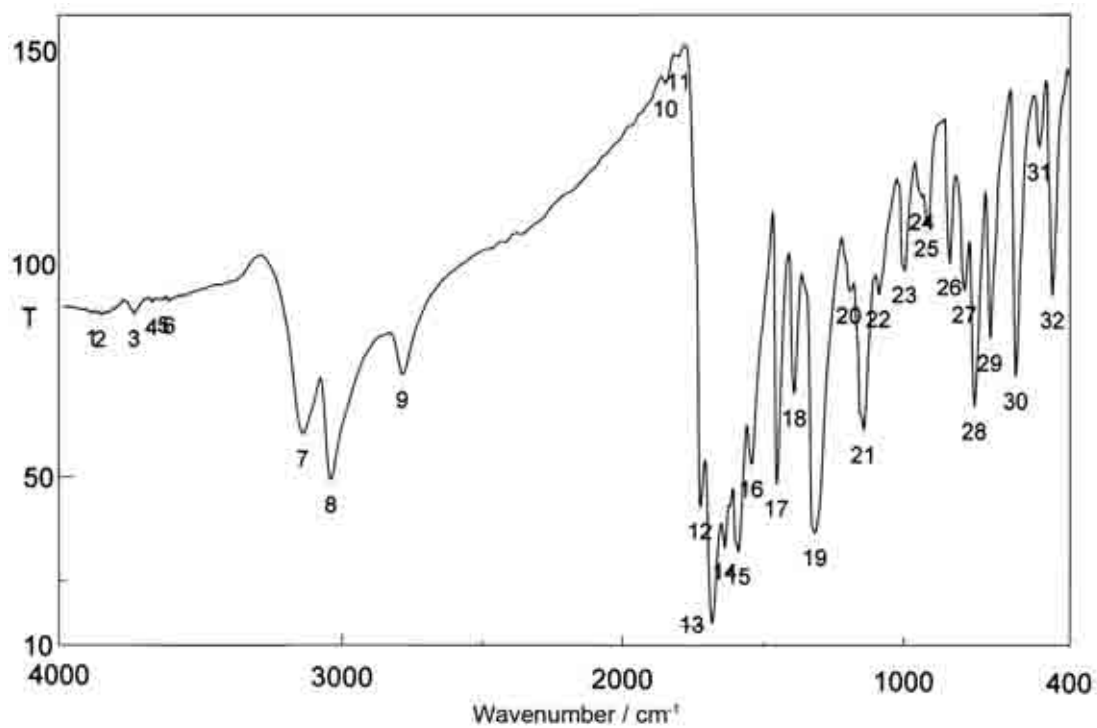


Figure S1. IR spectrum of compound 3.

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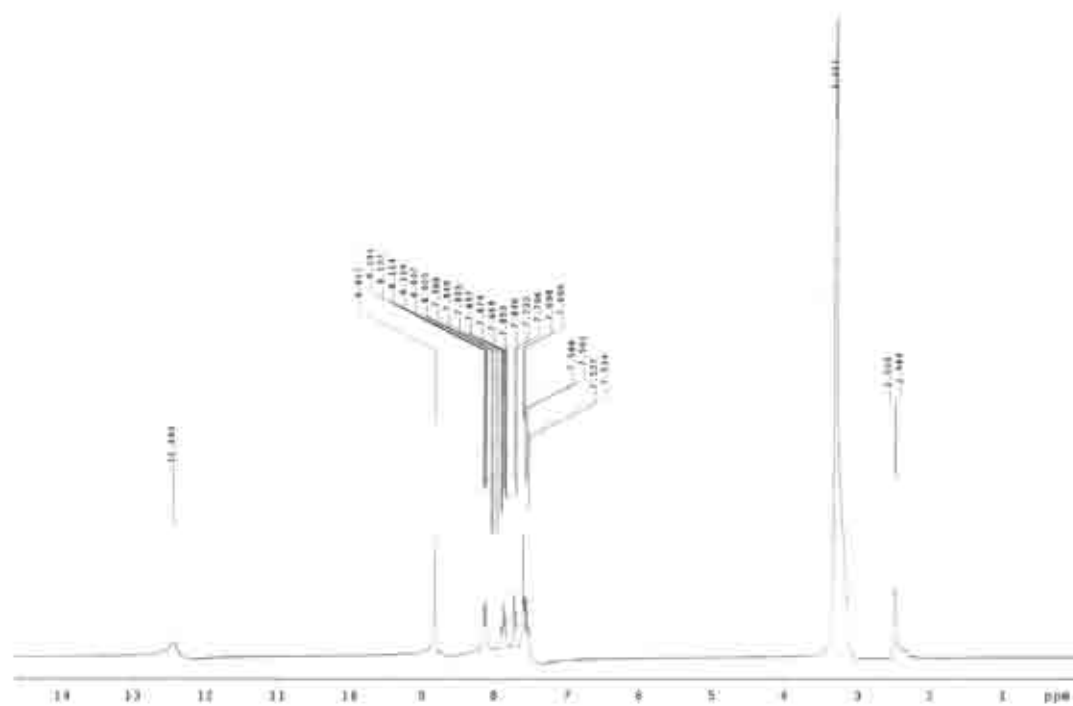
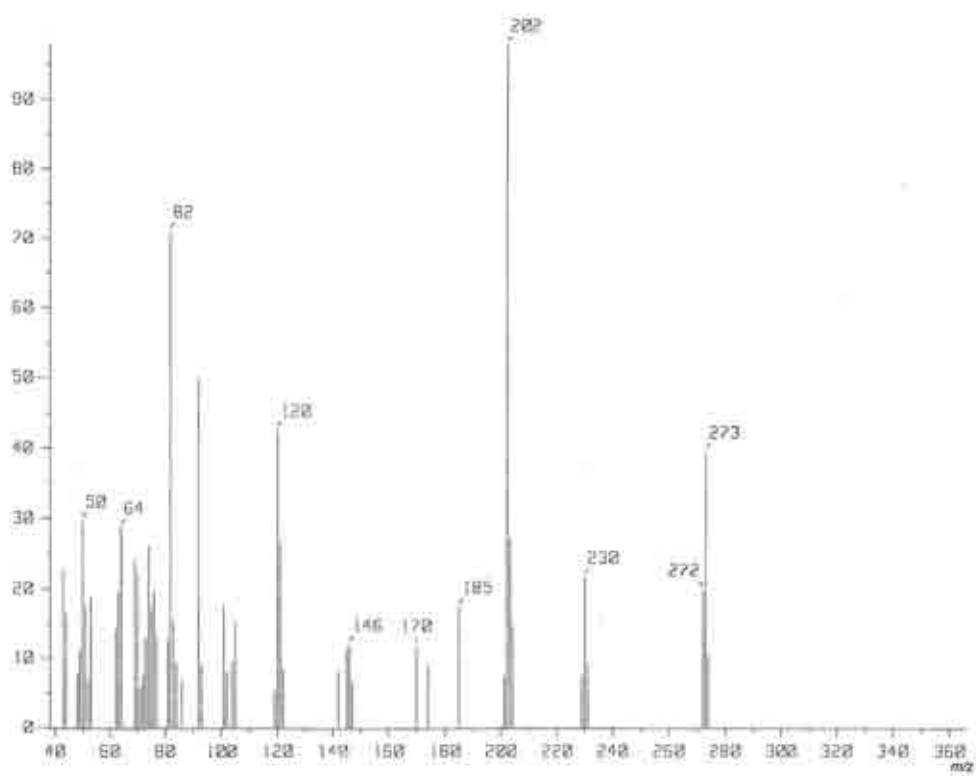
Figure S2.  $^1\text{H}$  NMR spectrum of compound 3.

Figure S3. Mass spectrum of compound 3.

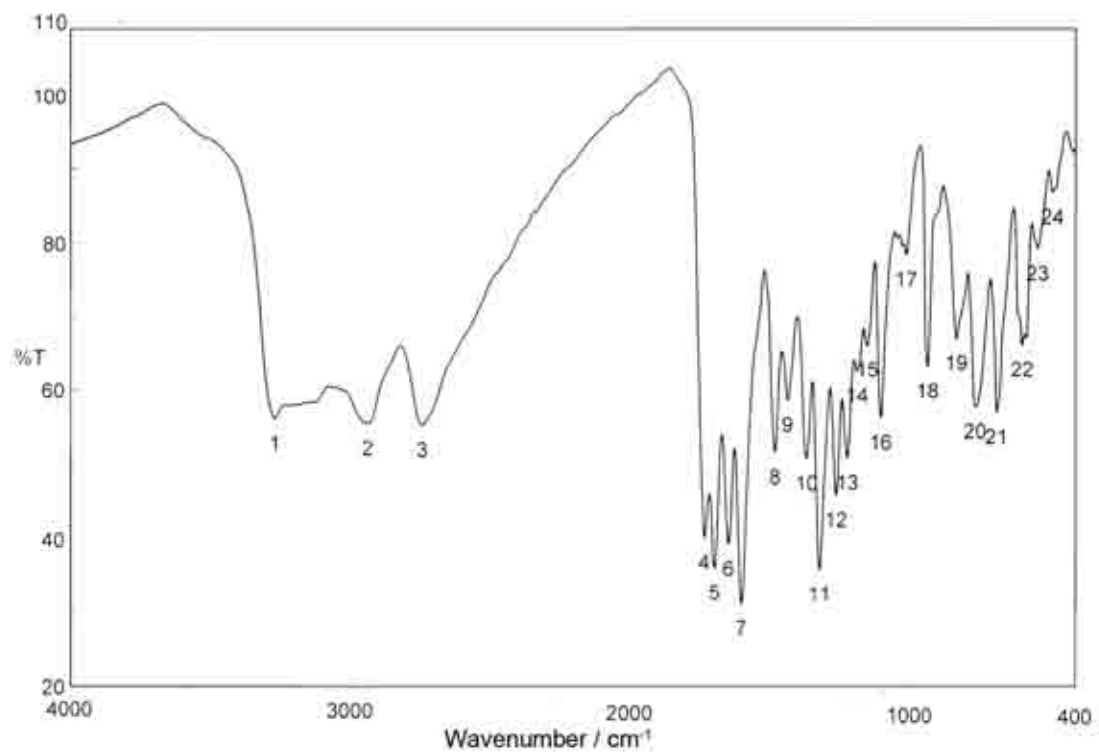


Figure S4. IR spectrum of compound 4.

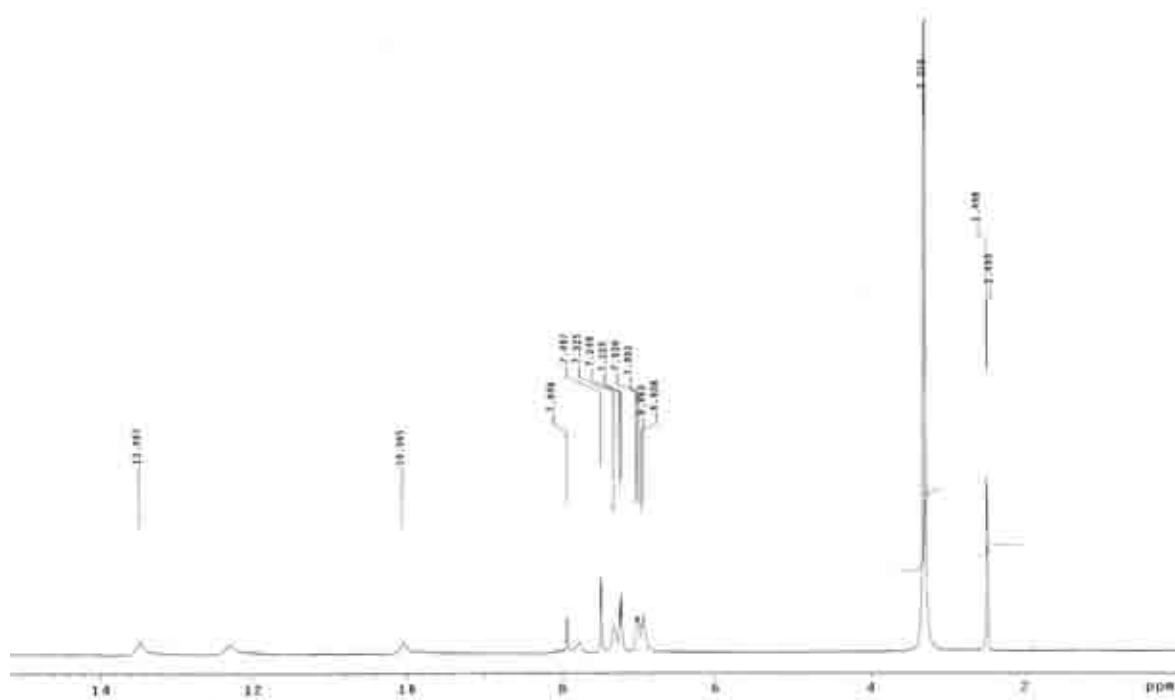


Figure S5. <sup>1</sup>H NMR spectrum of compound 4.

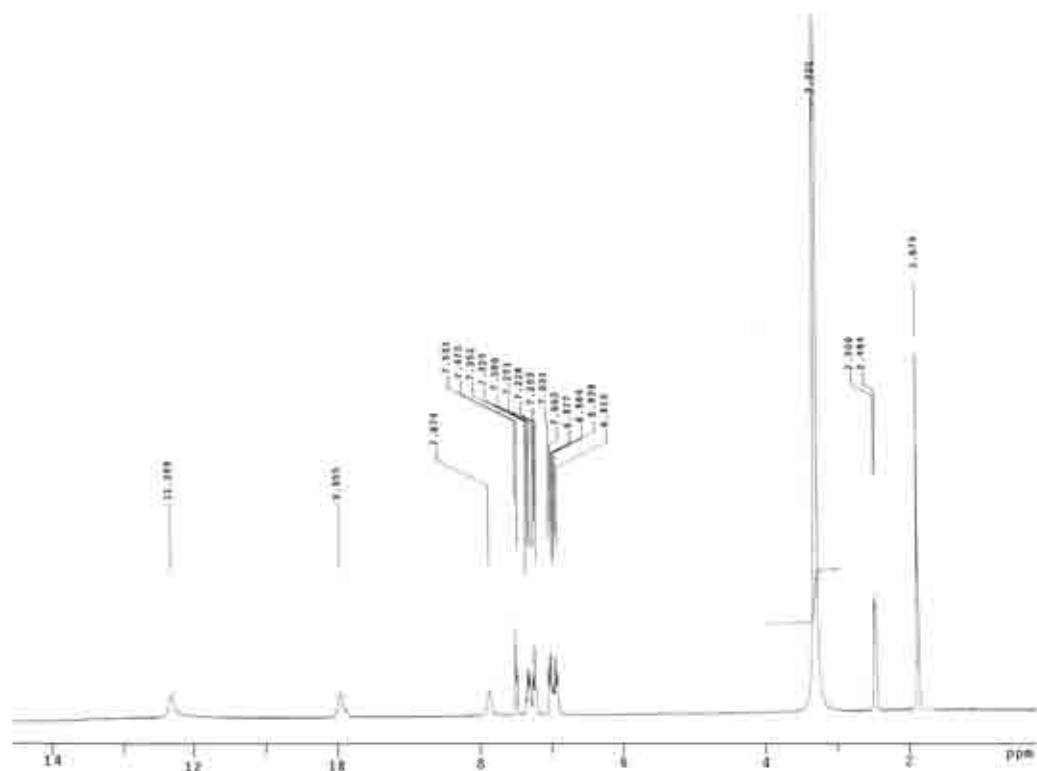


Figure S6.  $^1\text{H}$  NMR spectrum of compound 5.

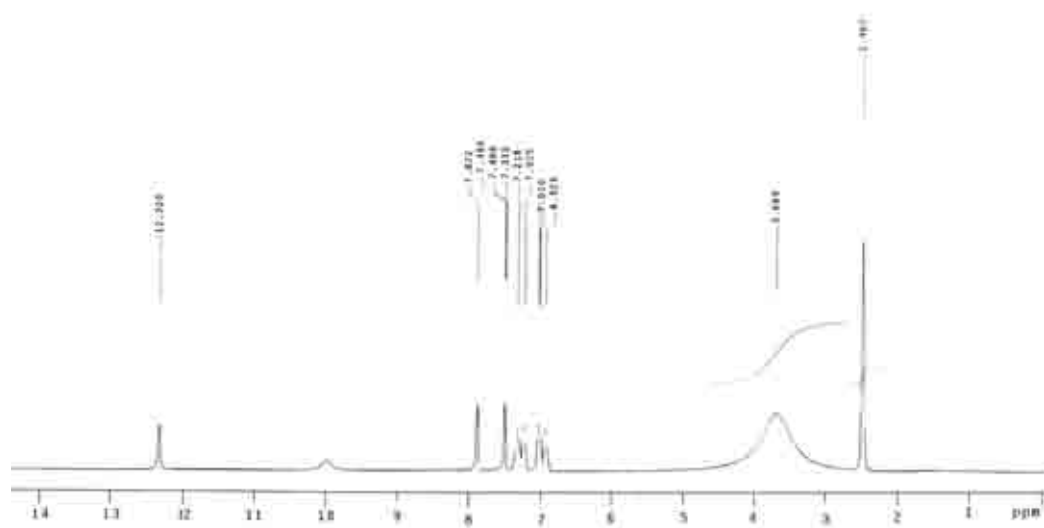


Figure S7.  $^1\text{H}$  NMR spectrum of compound 7.

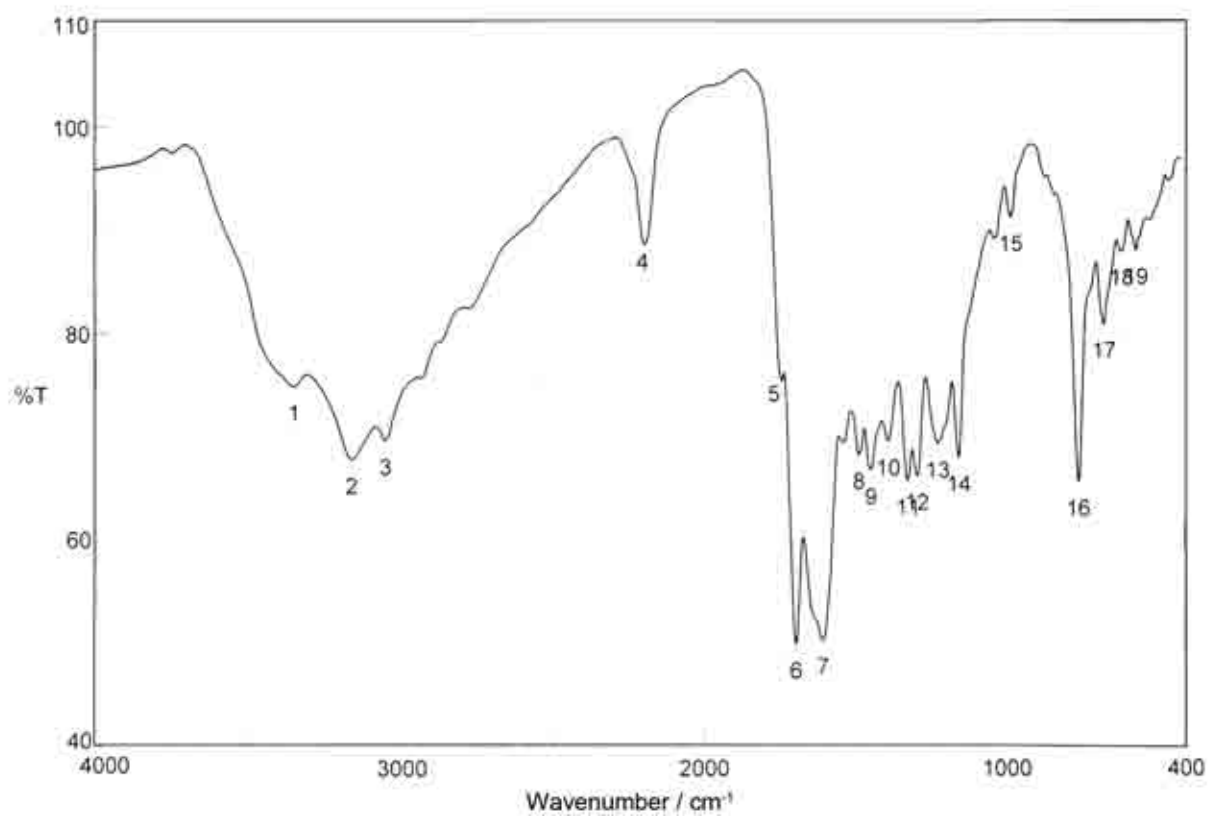


Figure S8. IR spectrum of compound 10.

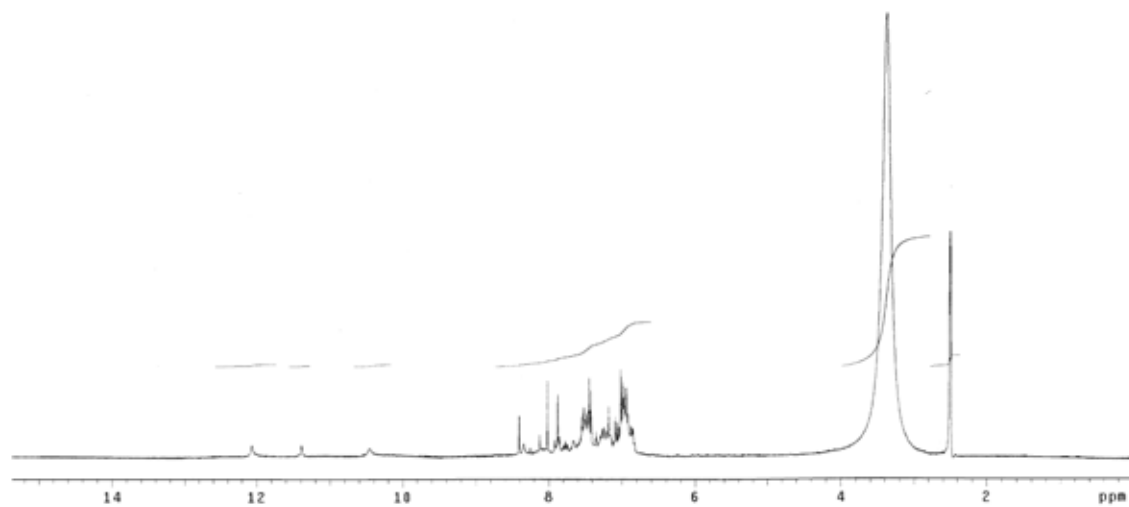


Figure S9. <sup>1</sup>H NMR spectrum of compound 10.

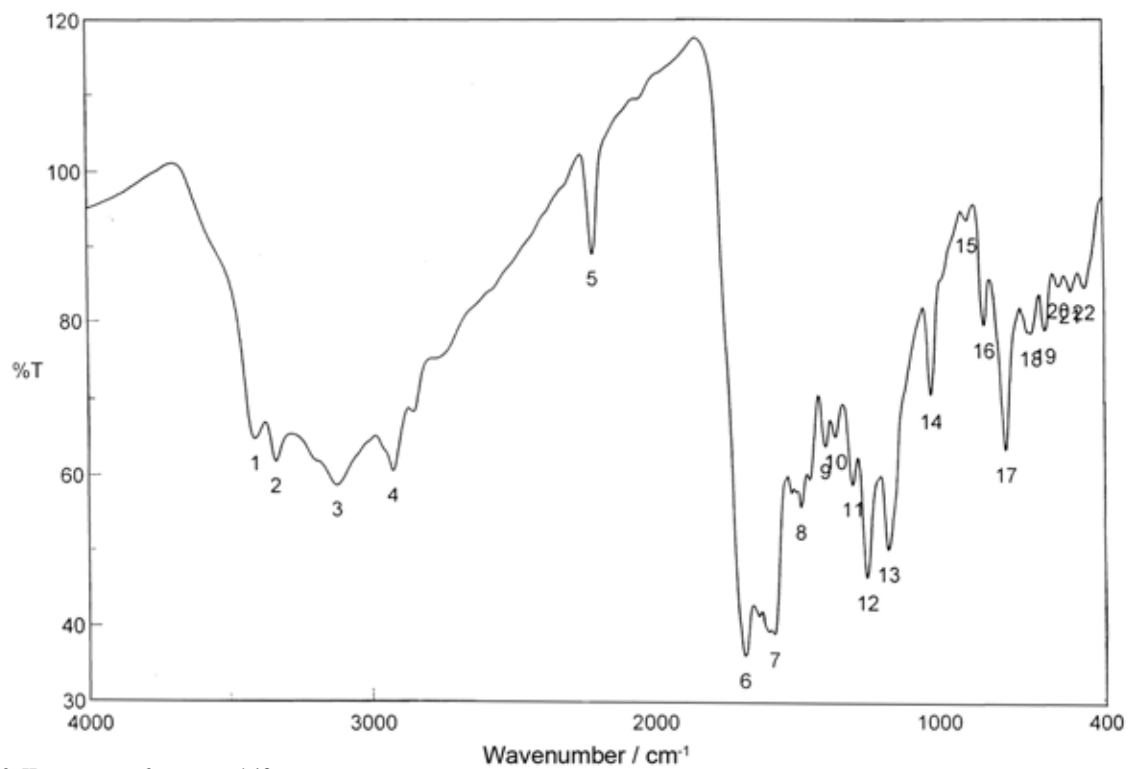


Figure S10. IR spectrum of compound 12.

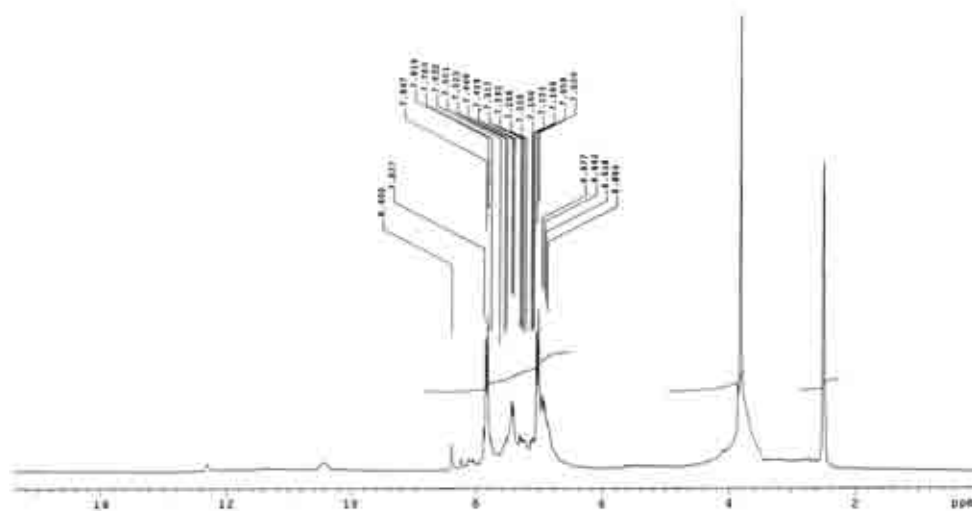


Figure S11. <sup>1</sup>H NMR spectrum of compound 12.

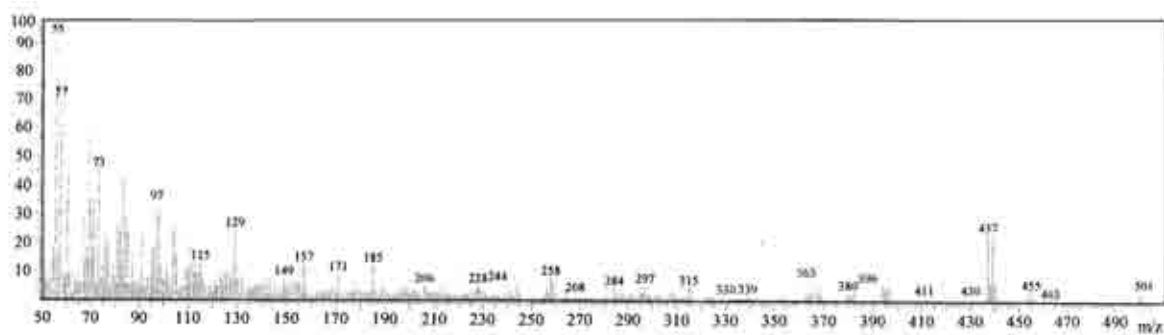


Figure S12. Mass spectrum of compound 12.

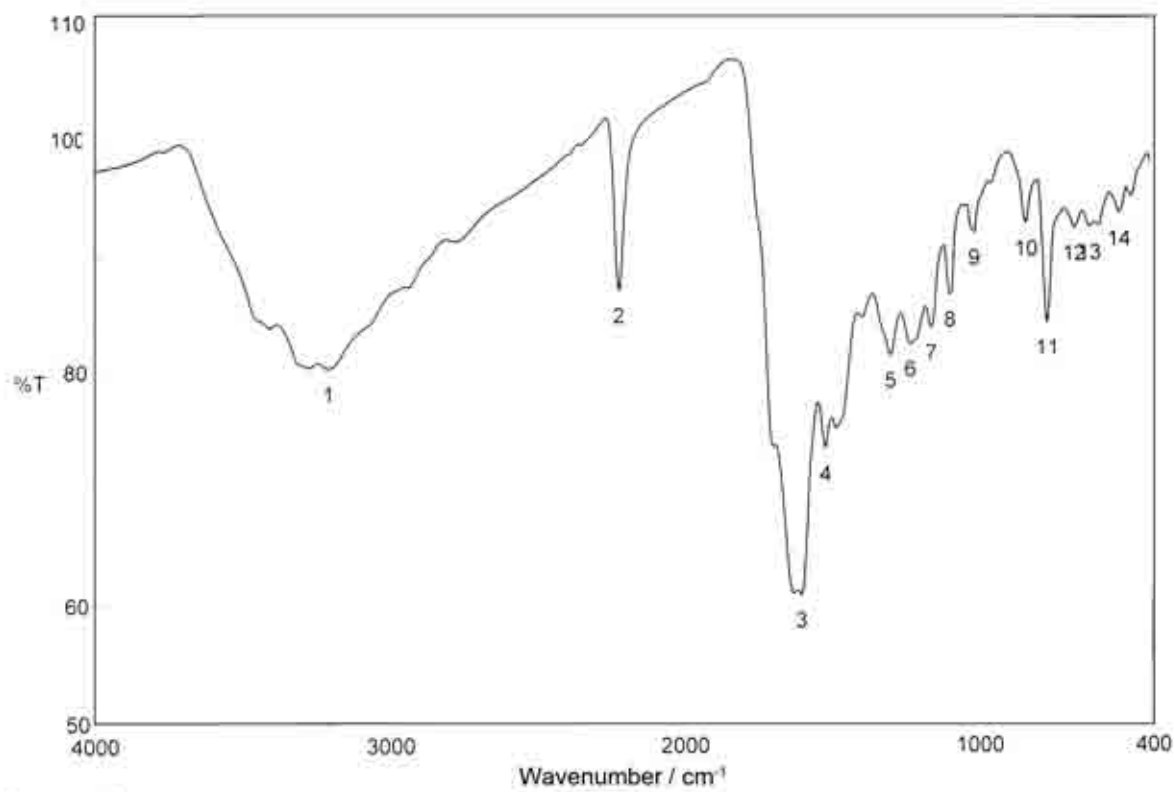


Figure S13. IR spectrum of compound 16.

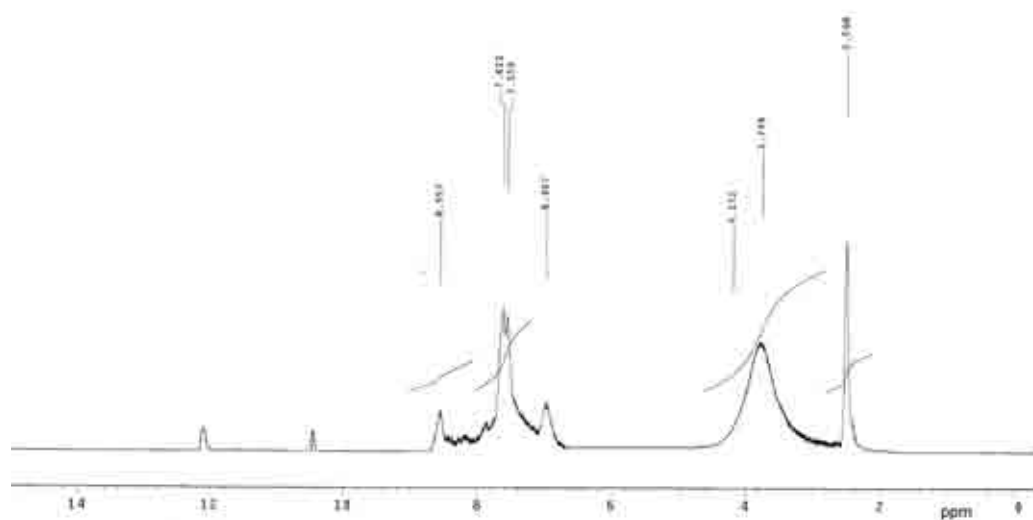


Figure S14. <sup>1</sup>H NMR spectrum of compound 16.

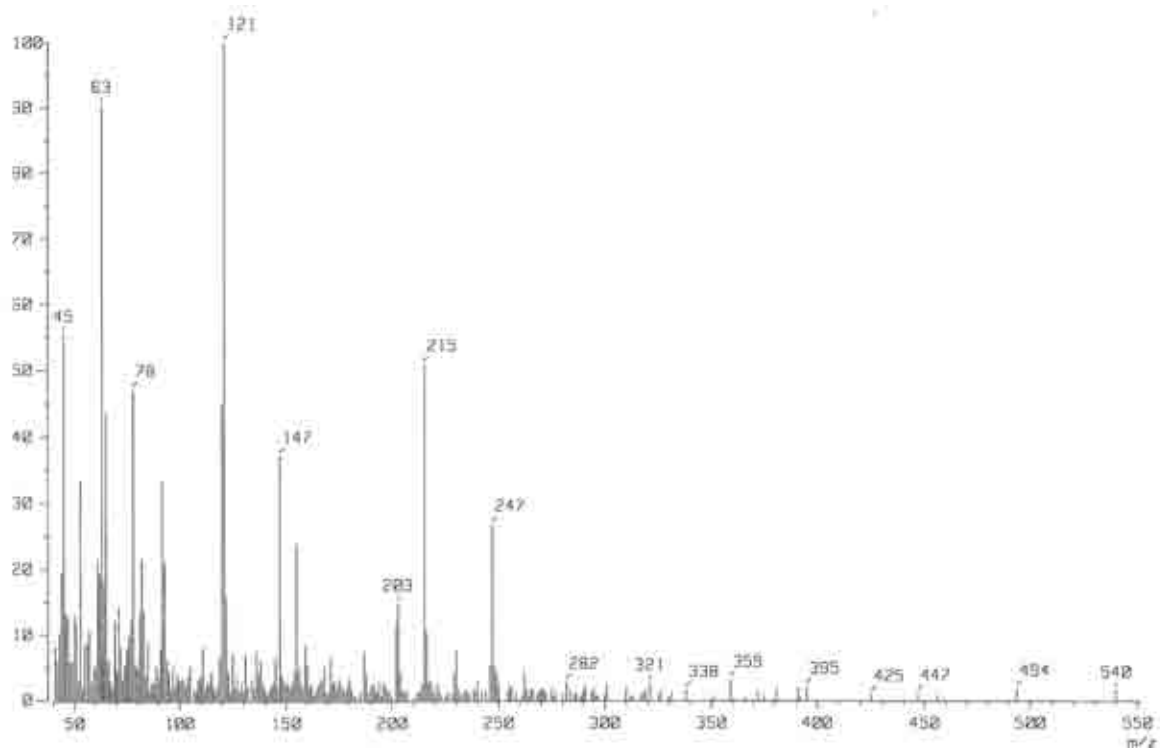


Figure S15. Mass spectrum of compound 16.



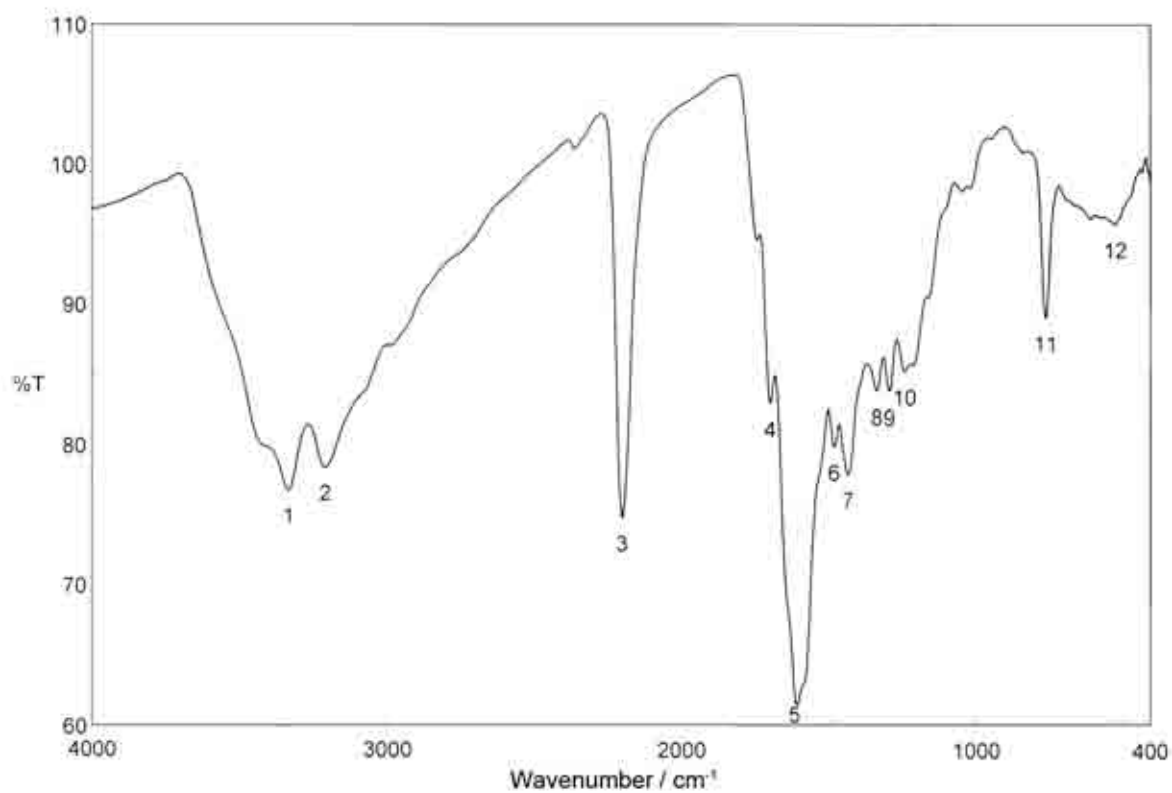


Figure S16. IR spectrum of compound 22.

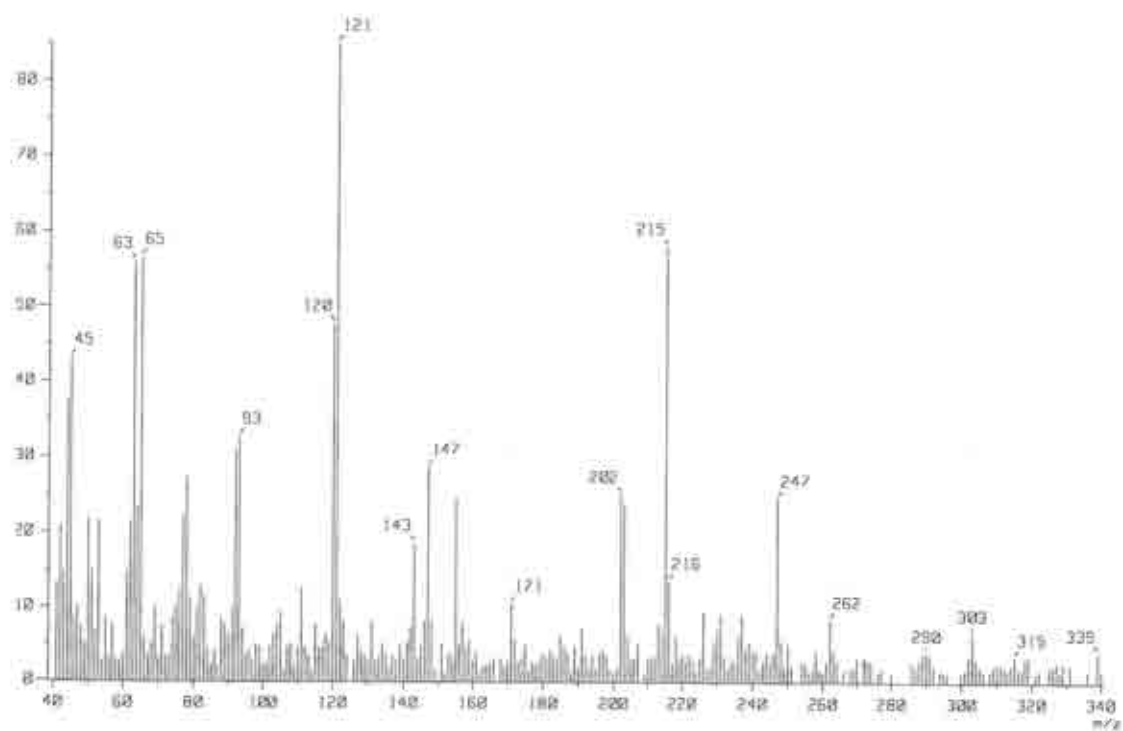


Figure S17. Mass spectrum of compound 22.