

Supporting Information

HPLC/ESI-MS and NMR analysis of chemical constituents in bioactive extract from the root nodule of *Vaccinium emarginatum*

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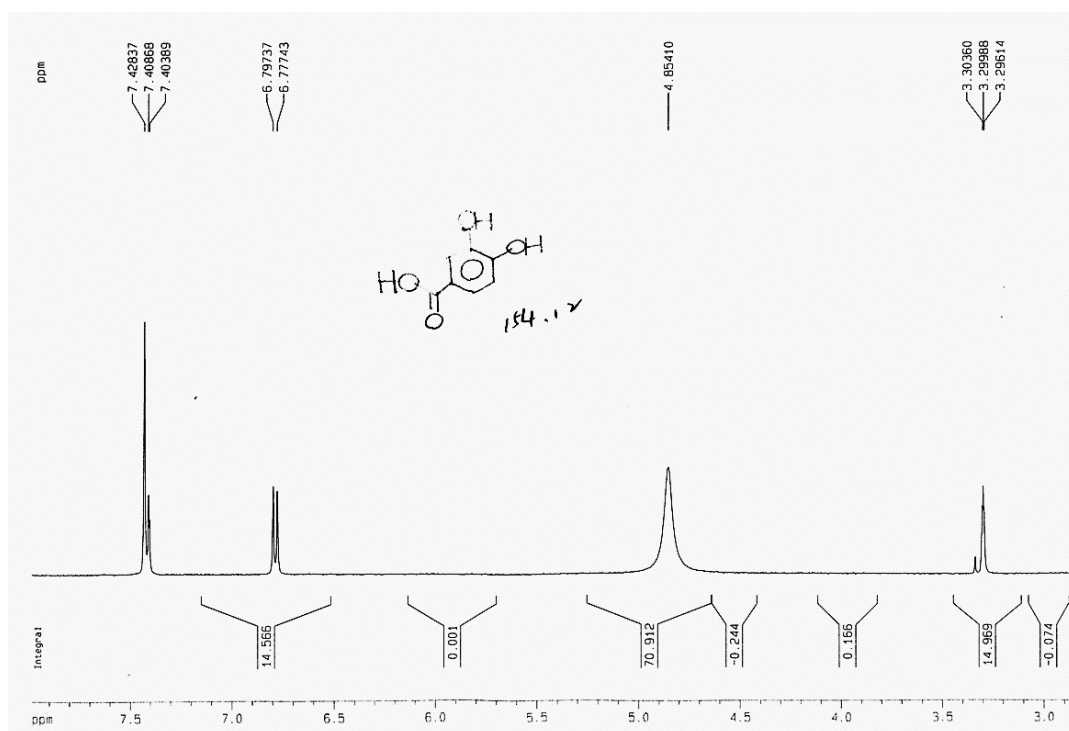


Figure S1. ^1H NMR spectrum of compound **1**.

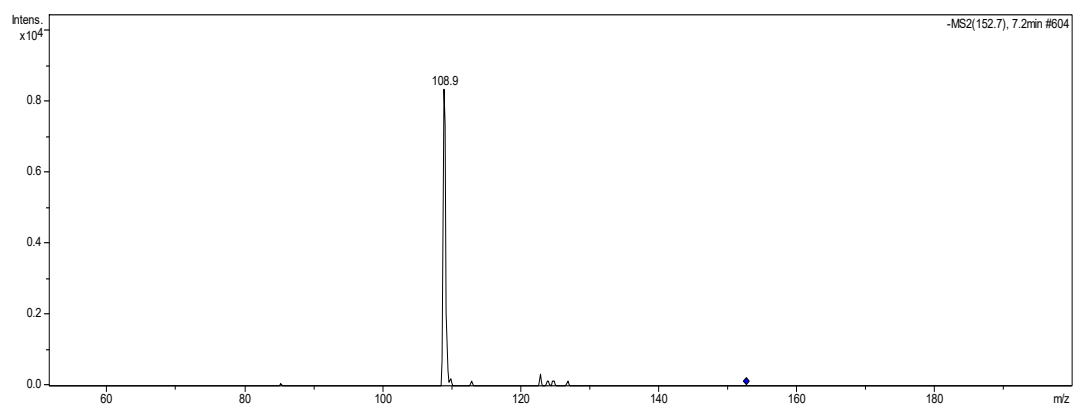


Figure S2. MS/MS spectrum of compound **1**.

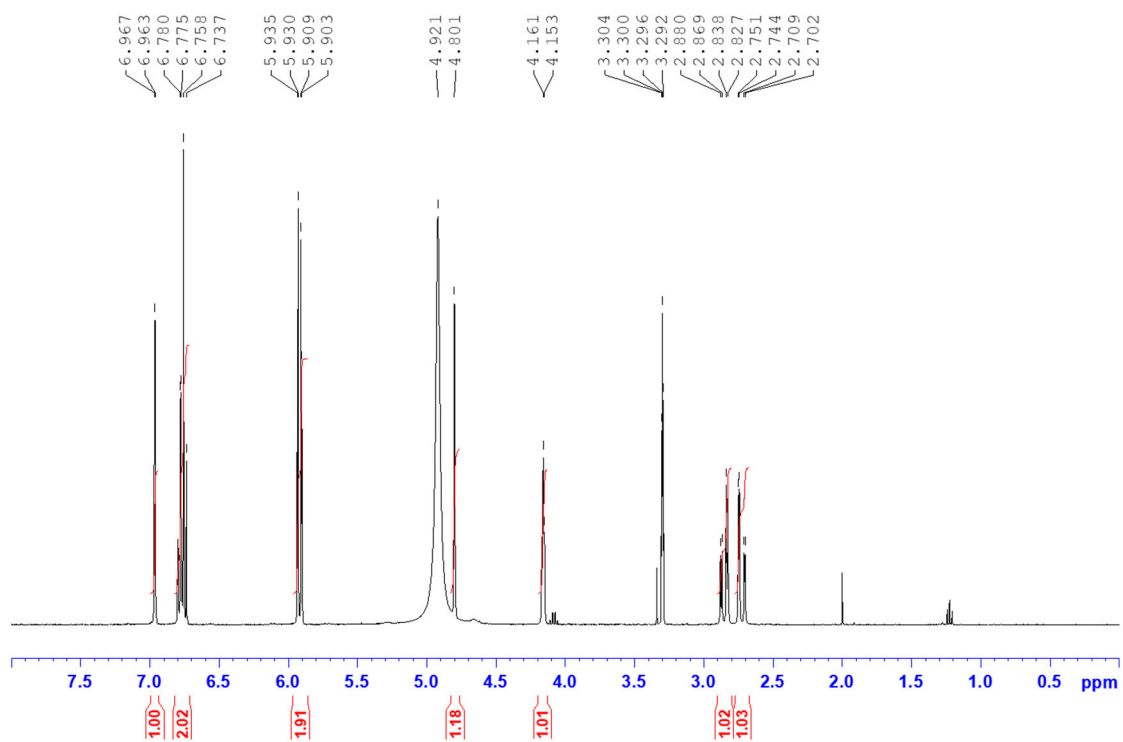


Figure S3. ^1H NMR spectrum of compound **2**.

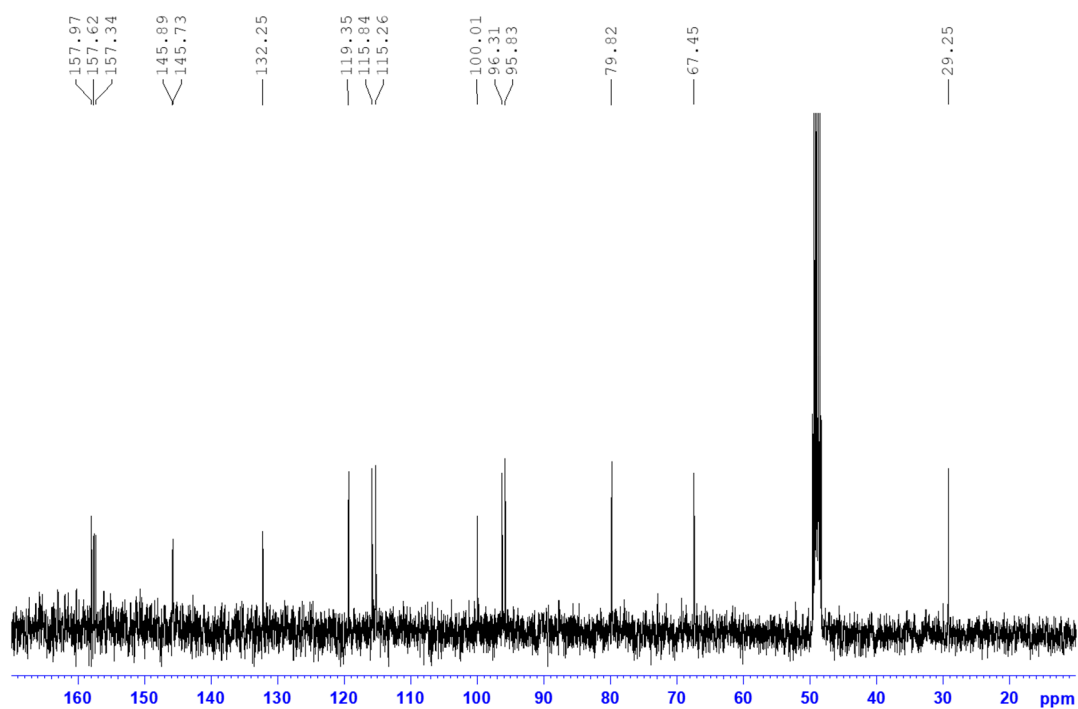


Figure S4. ^{13}C NMR spectrum of compound **2**.

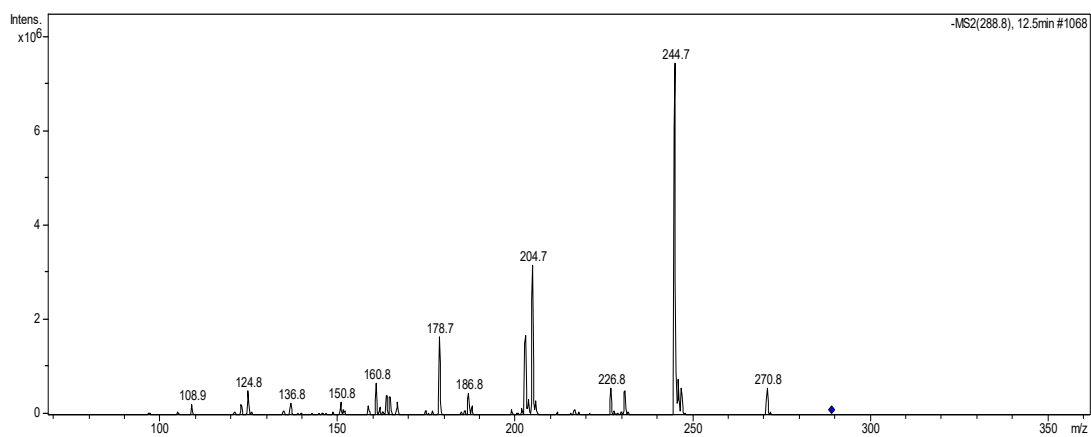


Figure S5. MS/MS spectrum of compound 2.

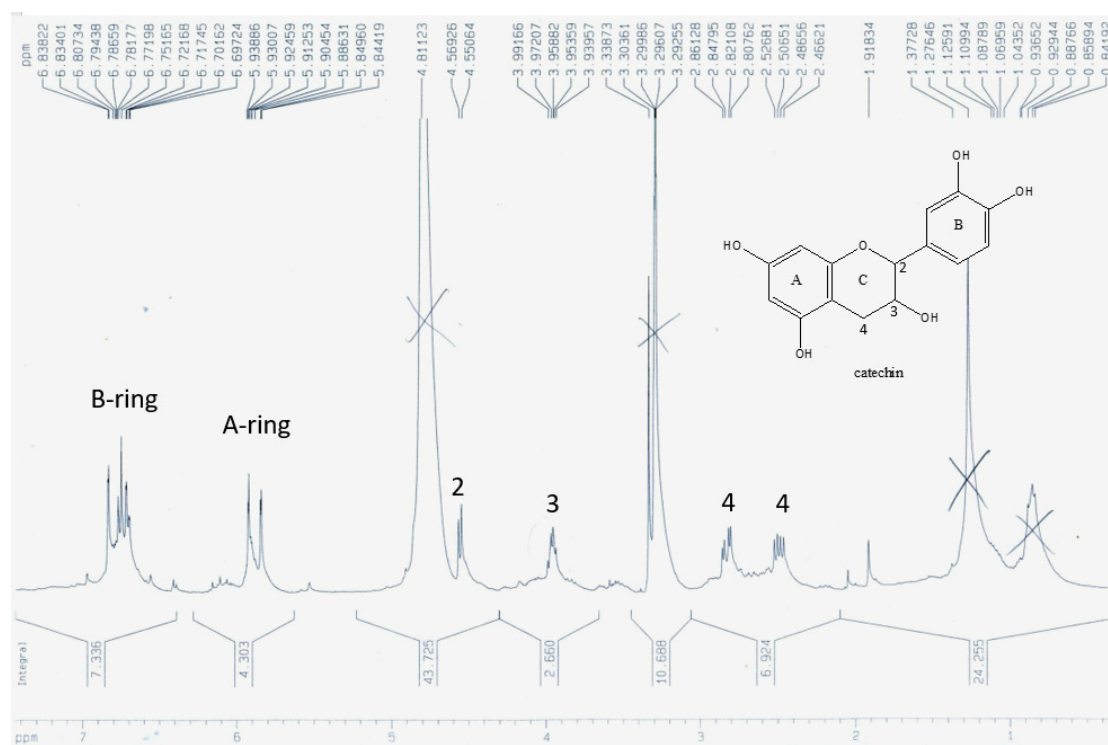


Figure S6. ^1H NMR spectrum of compound 3.

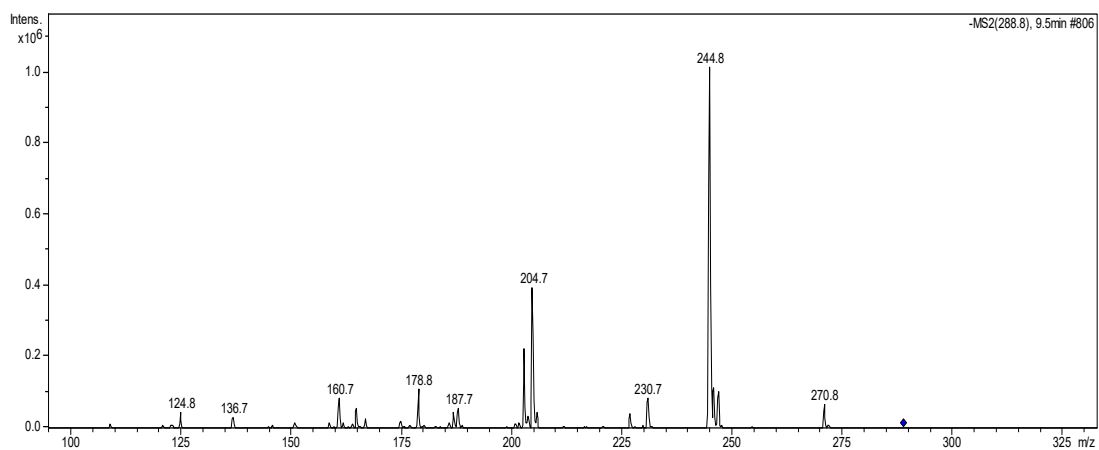


Figure S7. MS/MS spectrum of compound **3**.

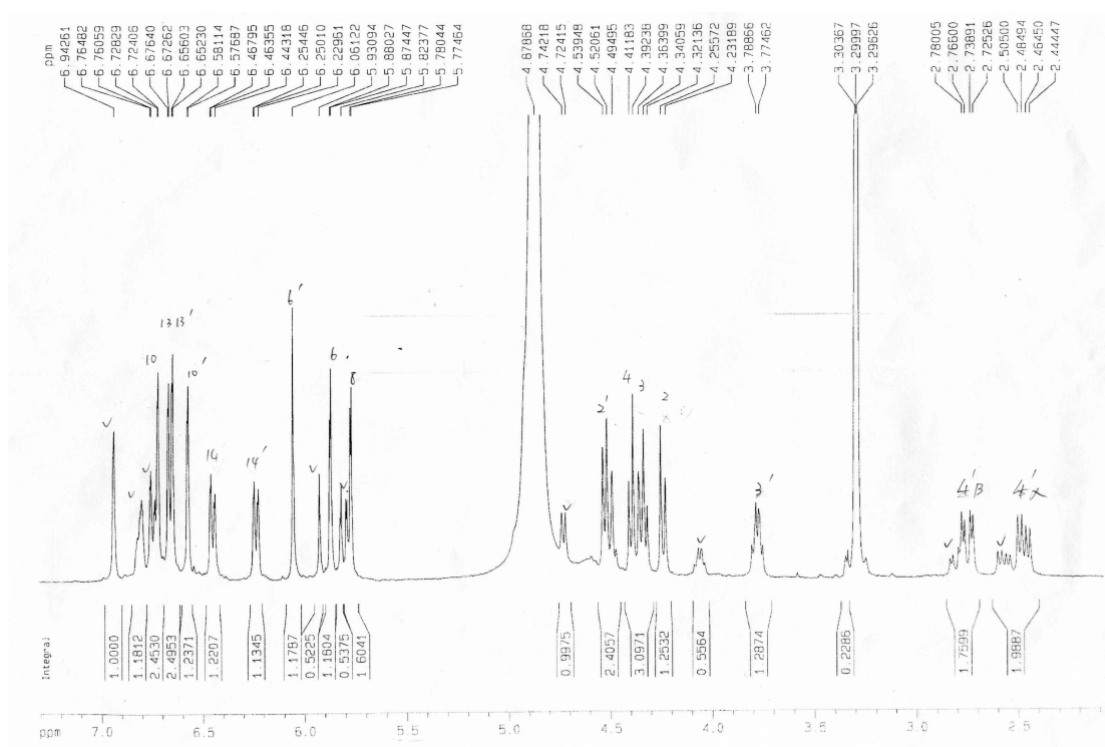


Figure S8. ^1H NMR spectrum of compound **4**.

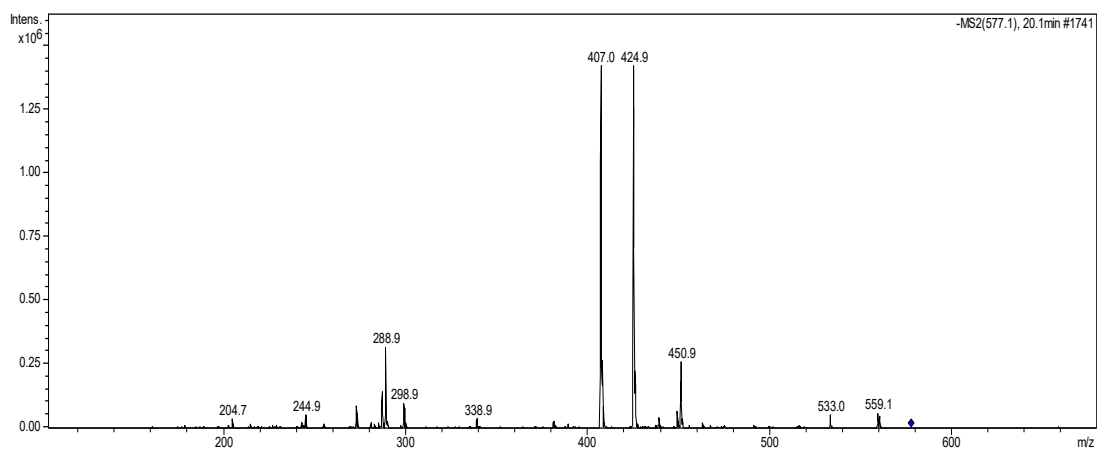


Figure S9. MS/MS spectrum of compound 4.

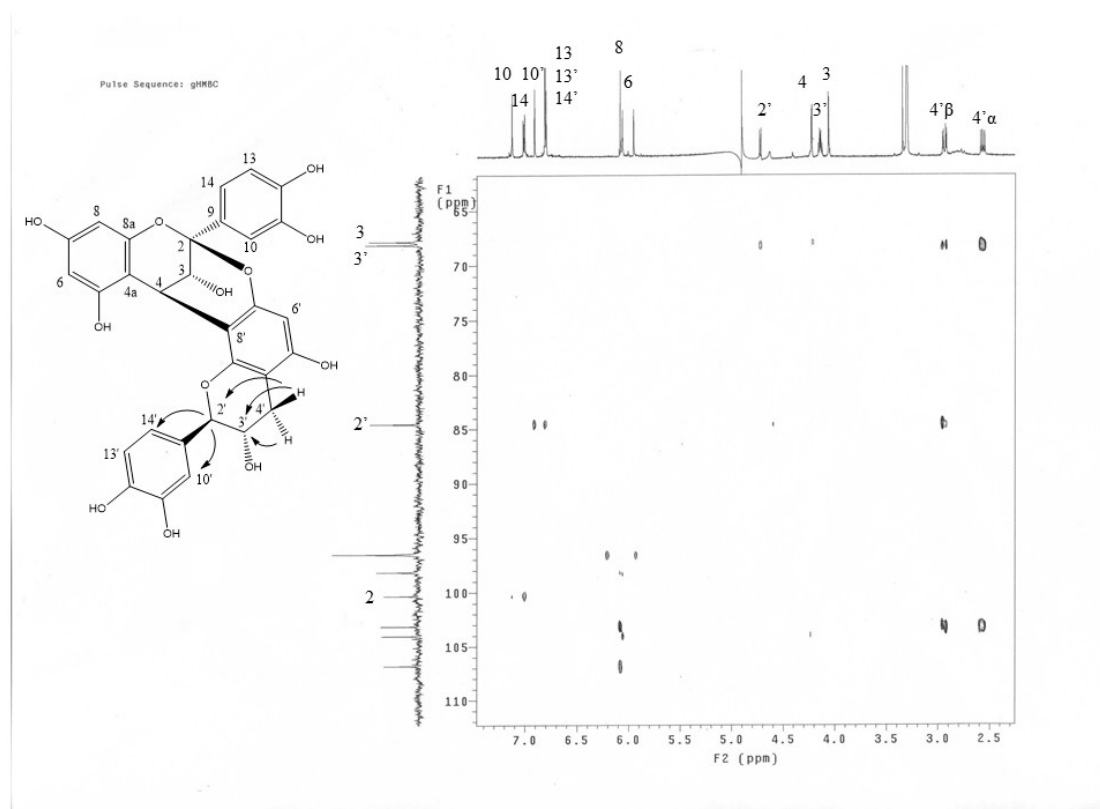


Figure S10. HMBC spectrum of compound 5.

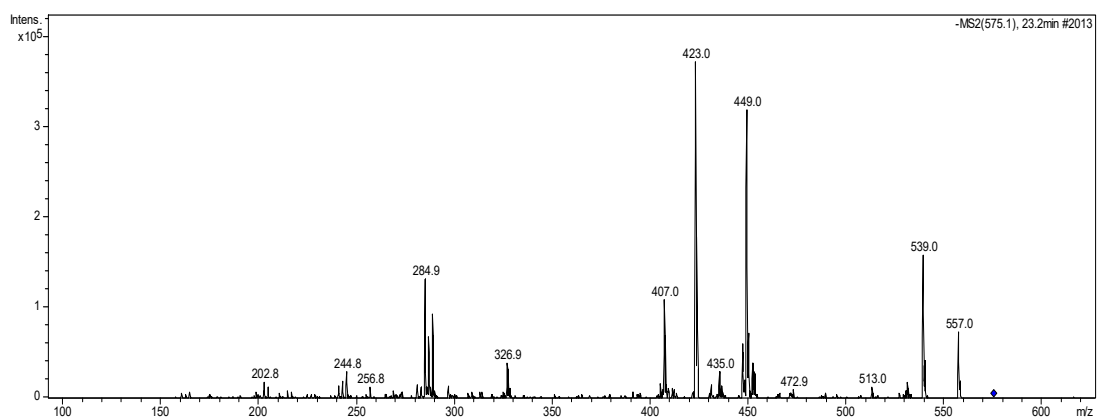


Figure S11. MS/MS spectrum of compound 5.

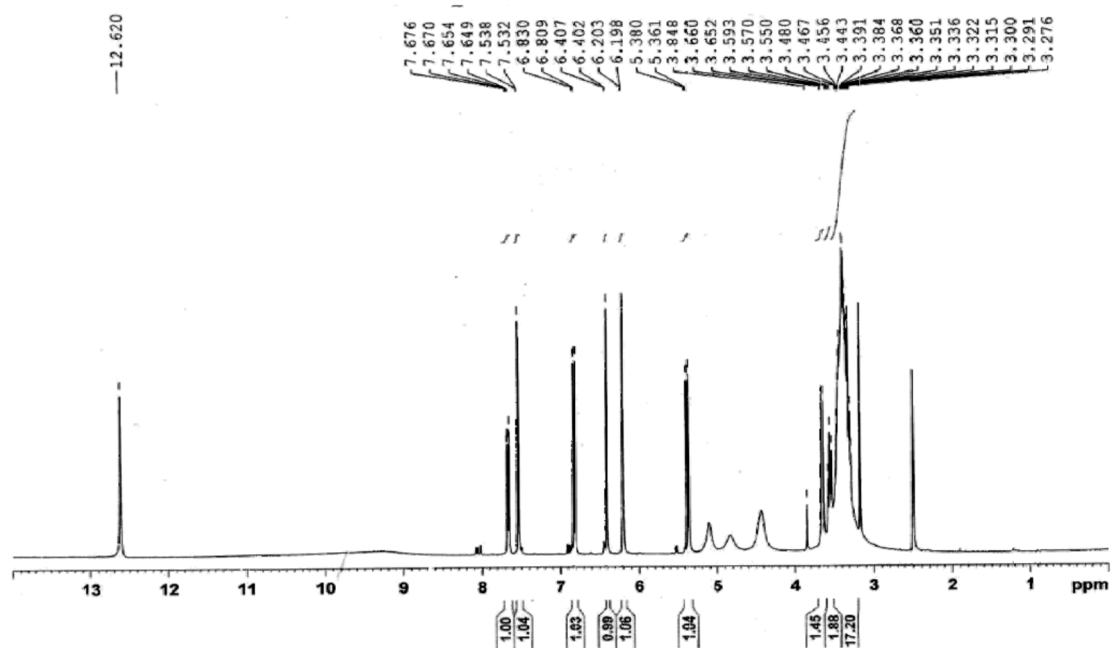


Figure S12. ¹H NMR spectrum of compound 6.

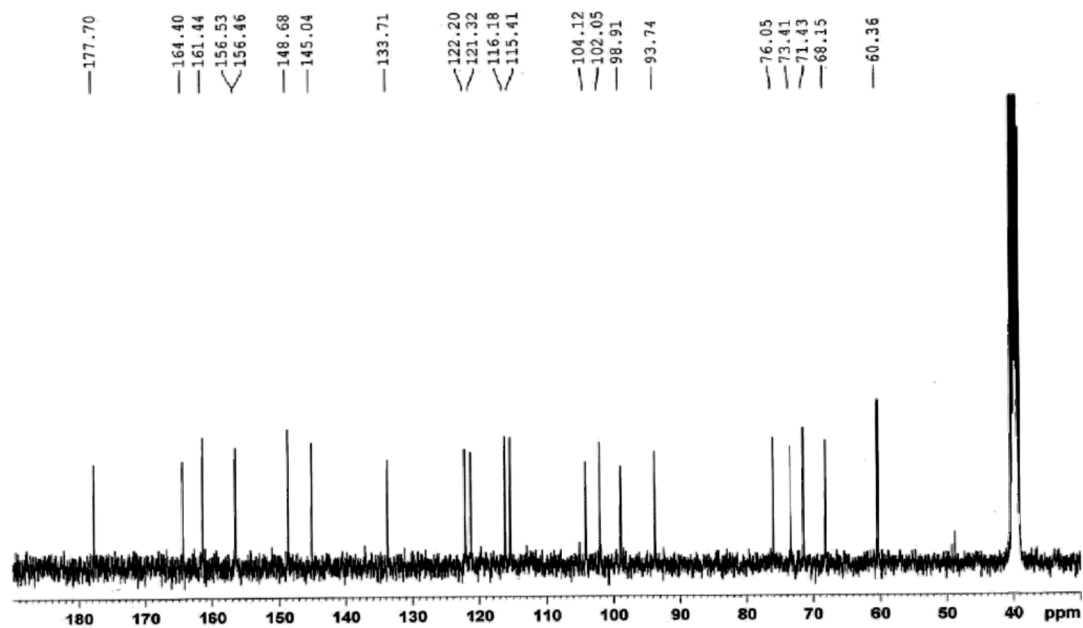


Figure S13. ^{13}C NMR spectrum of compound 6.

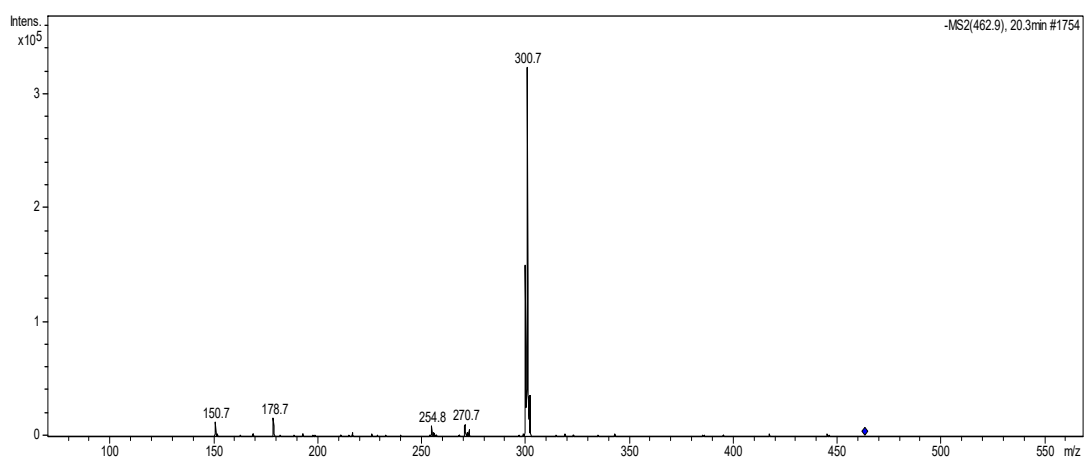


Figure S14. MS/MS spectrum of compound 6.

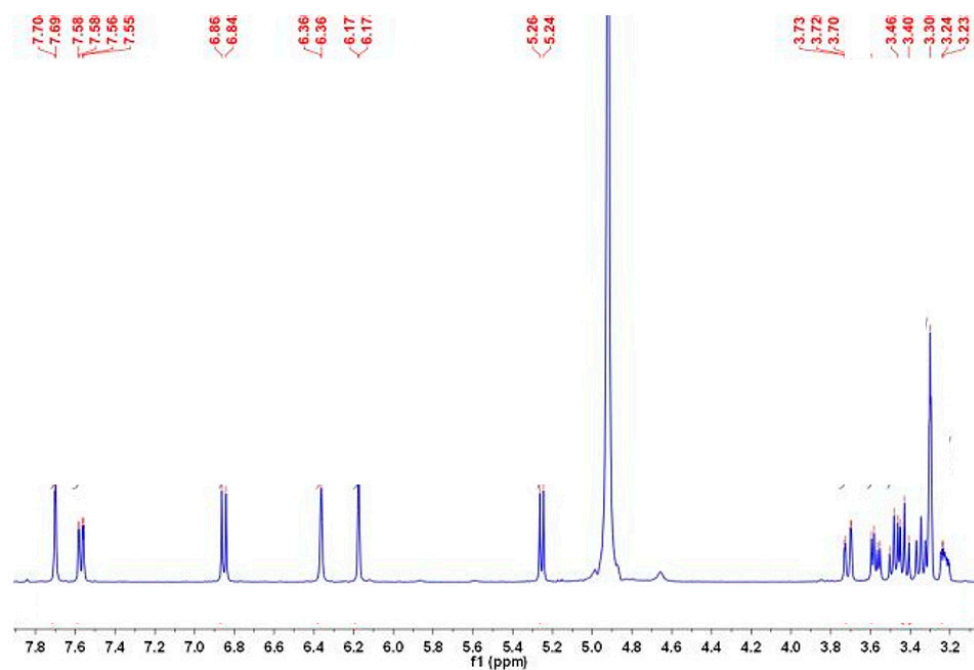


Figure S15. ¹H NMR spectrum of compound **7**.

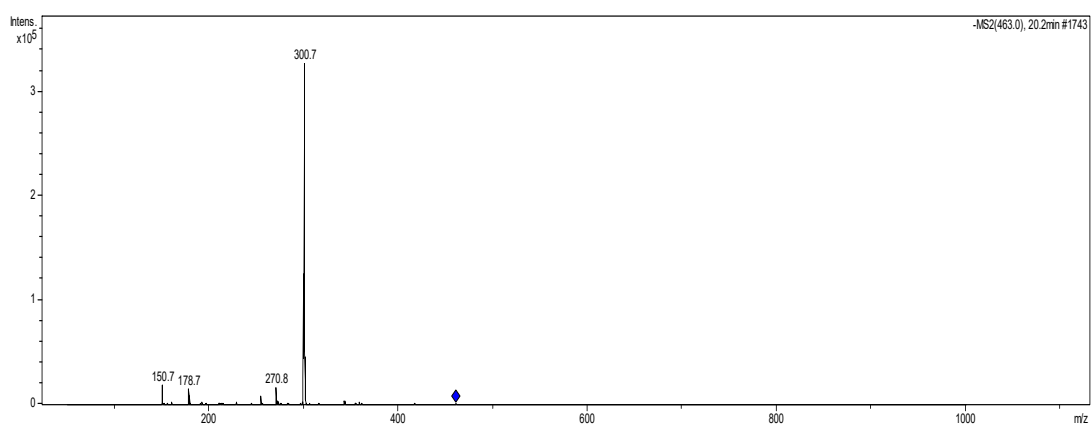


Figure S16. MS/MS spectrum of compound **7**.

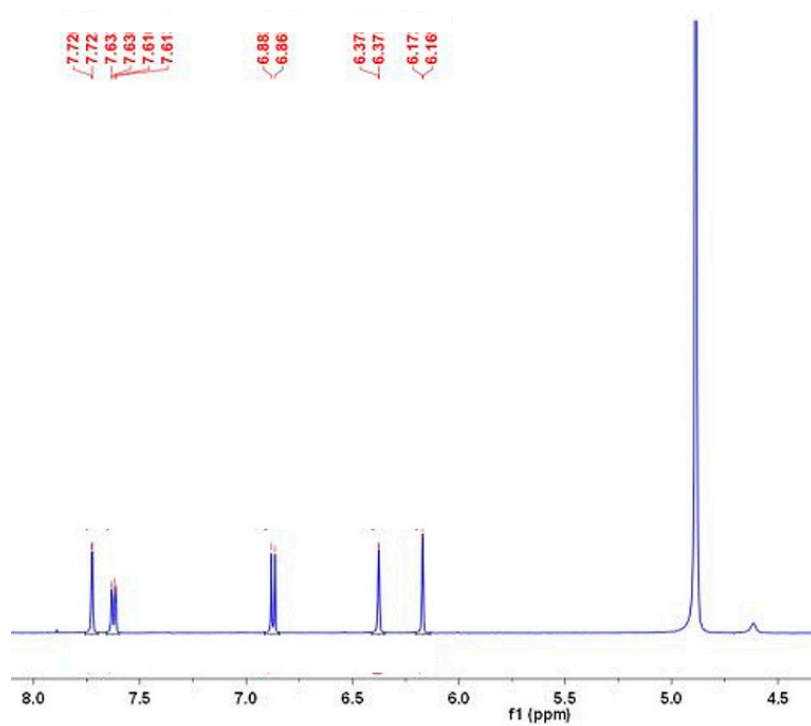


Figure S17. ¹H NMR spectrum of compound **8**.

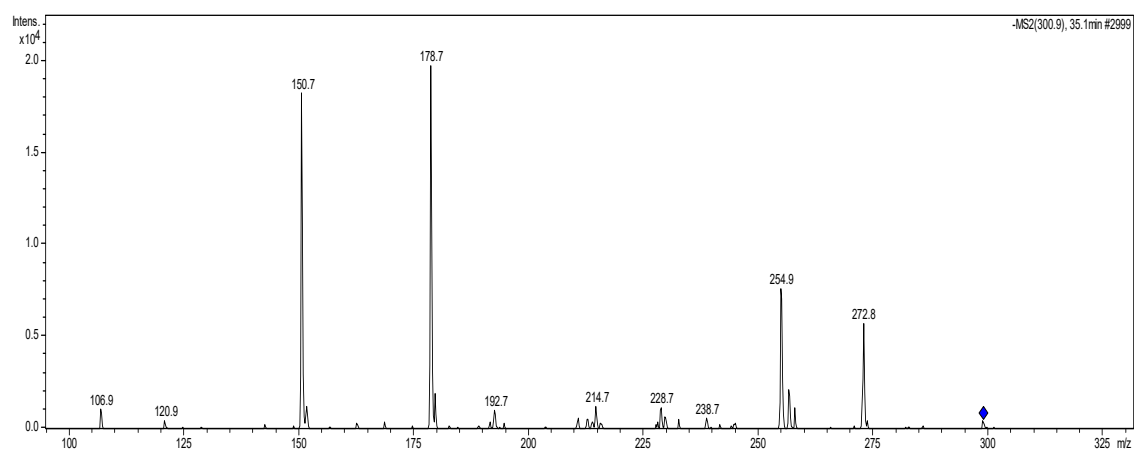


Figure S18. MS/MS spectrum of compound **8**.

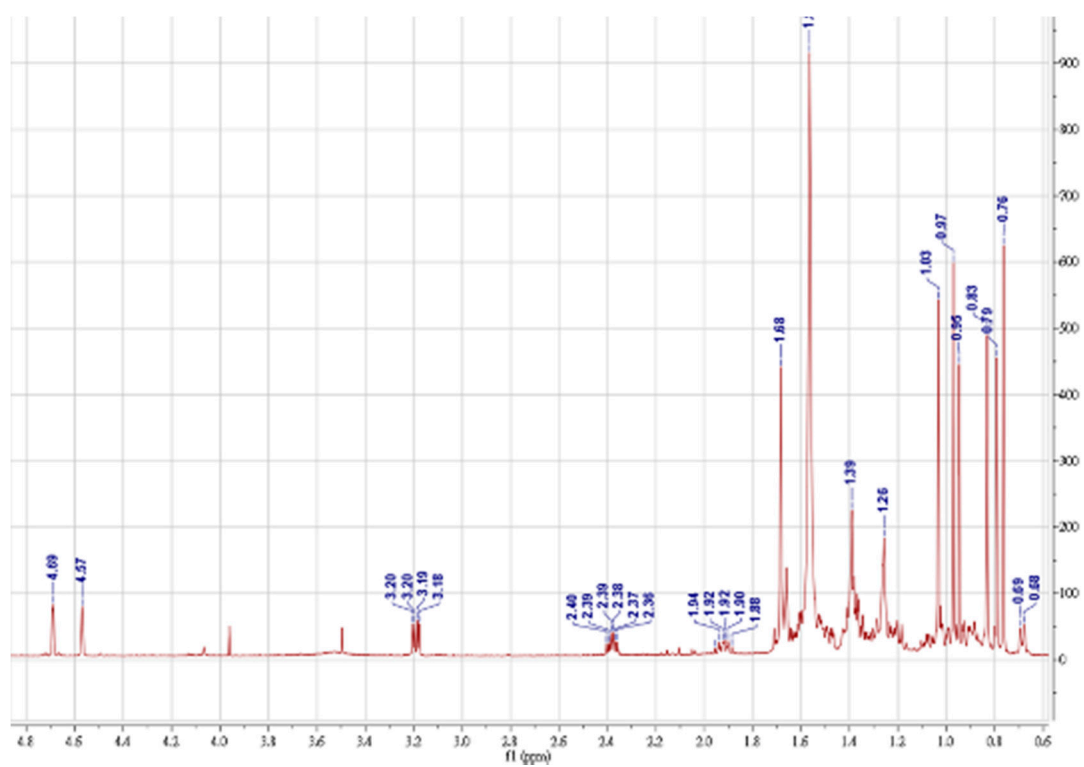


Figure S19. ¹H NMR spectrum of compound 9.

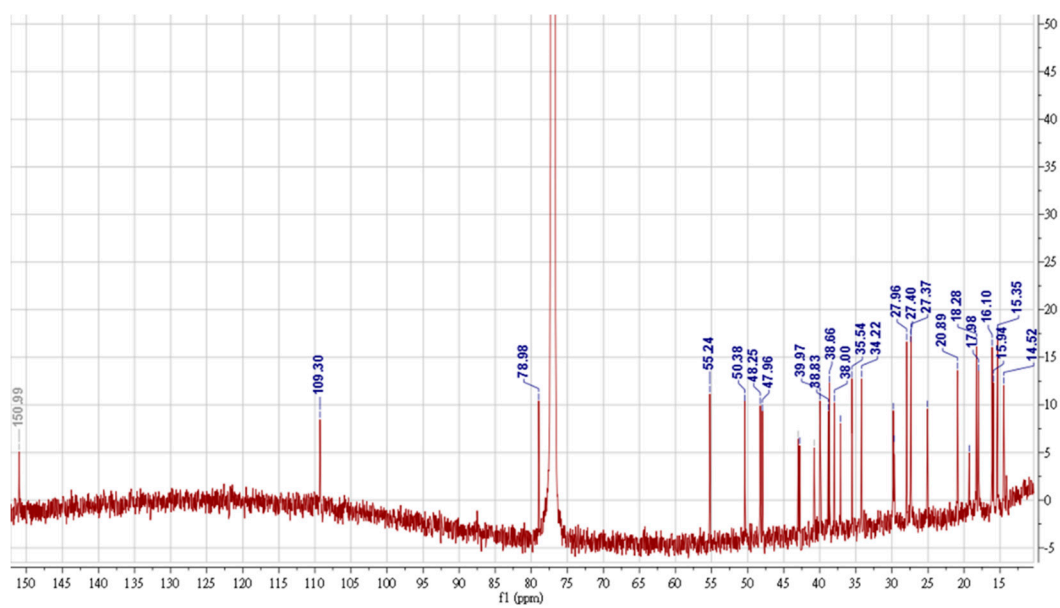


Figure S20. ¹³C NMR spectrum of compound 9.



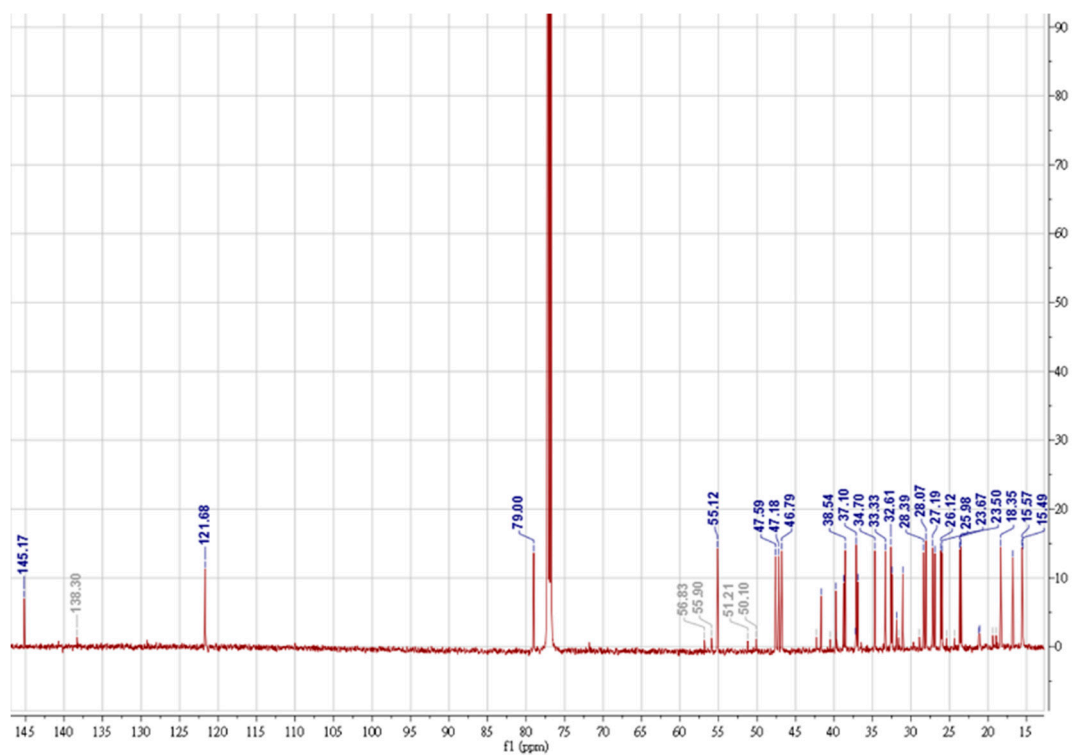


Figure S23. ¹³C NMR spectrum of compound **10**.

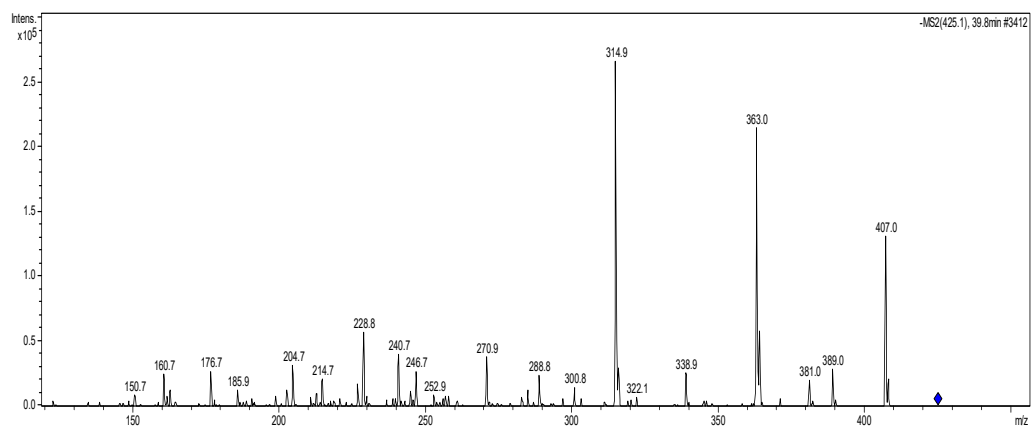


Figure S24. MS/MS spectrum of compound **10**.

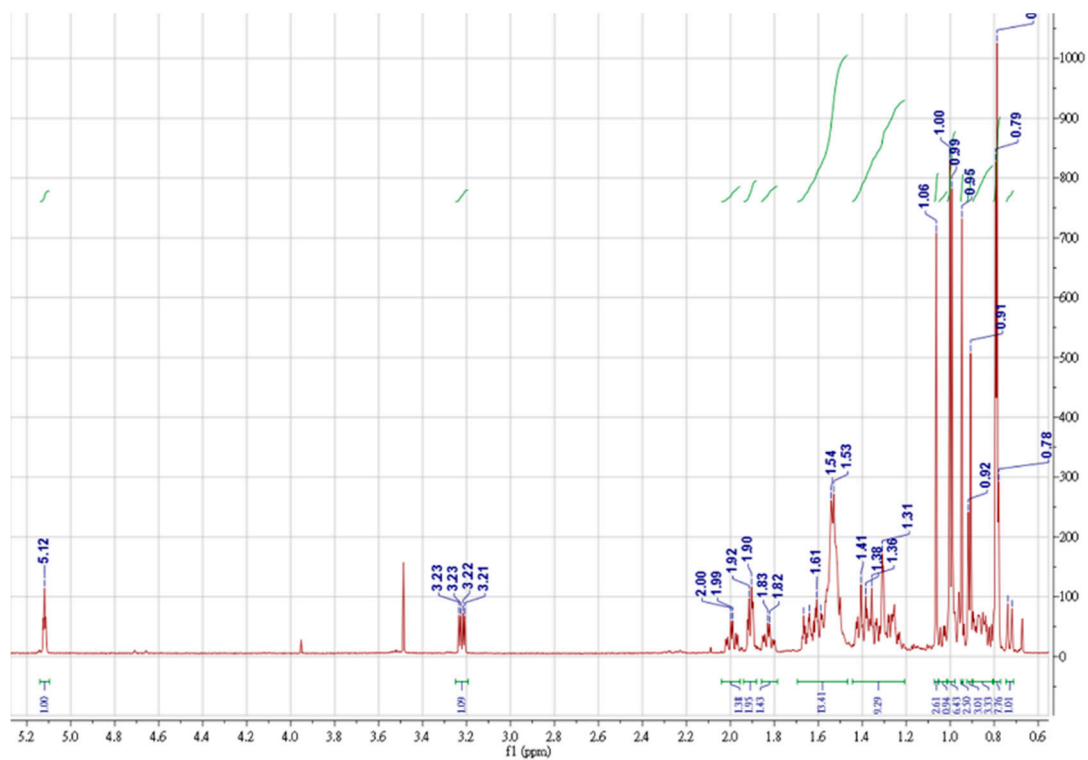


Figure S25. ¹H NMR spectrum of compound **11**.

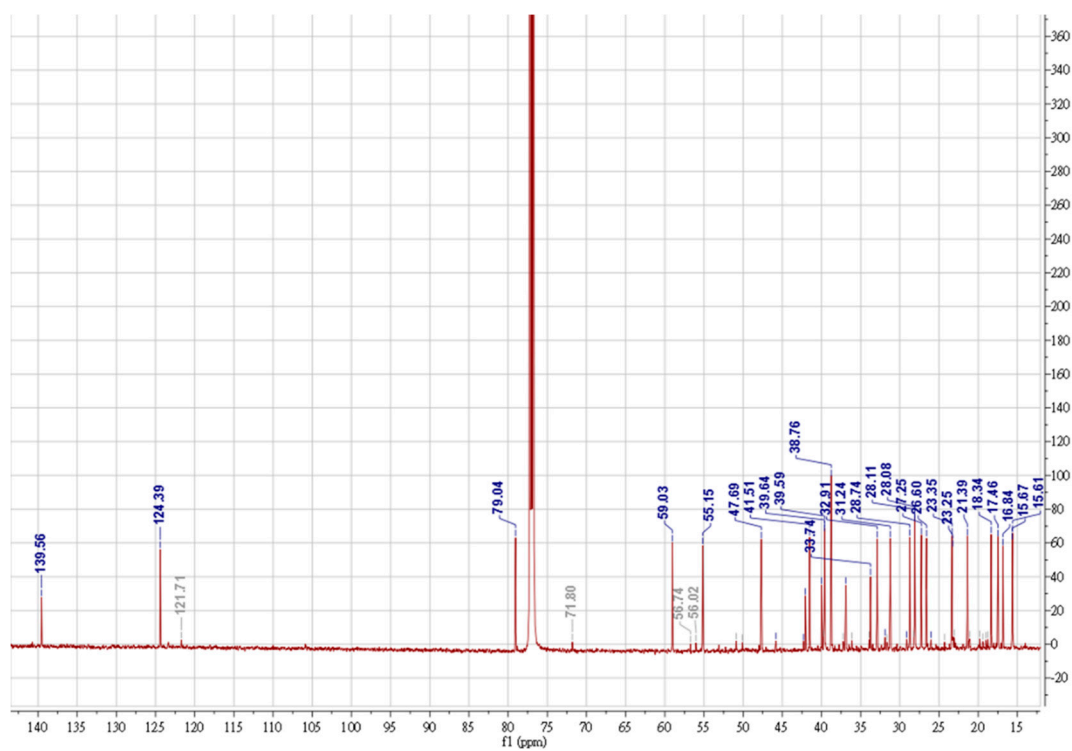


Figure S26. ¹³C NMR spectrum of compound **11**.

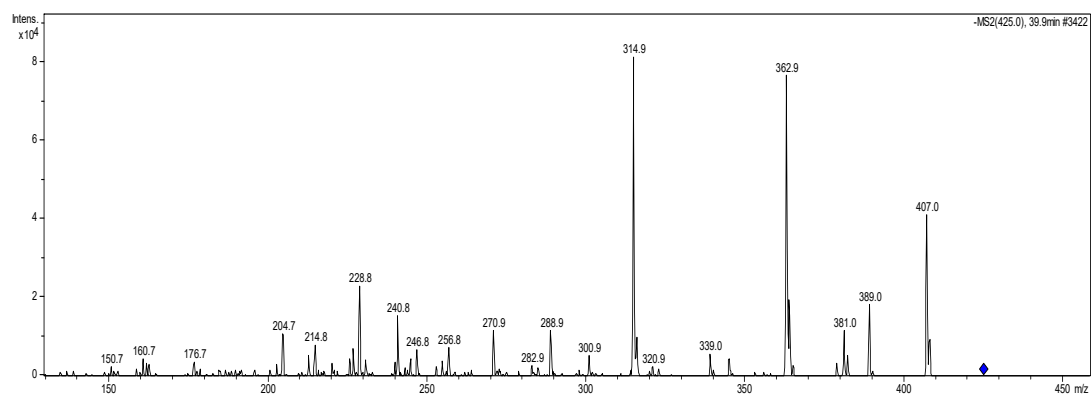


Figure S27. MS/MS spectrum of compound **11**.