

Supplementary information

Cytotoxic and Antimicrobial Compounds from the Marine-Derived Fungus, *Penicillium* Species

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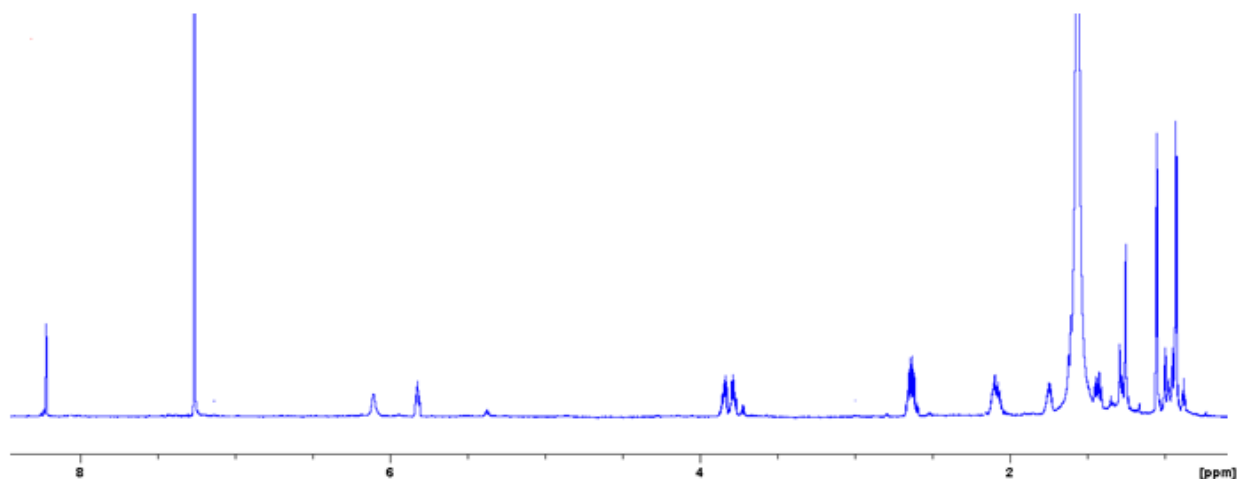


Figure S1. ¹H nuclear magnetic resonance (NMR) spectrum of compound **1** (850 MHz, CDCl₃).

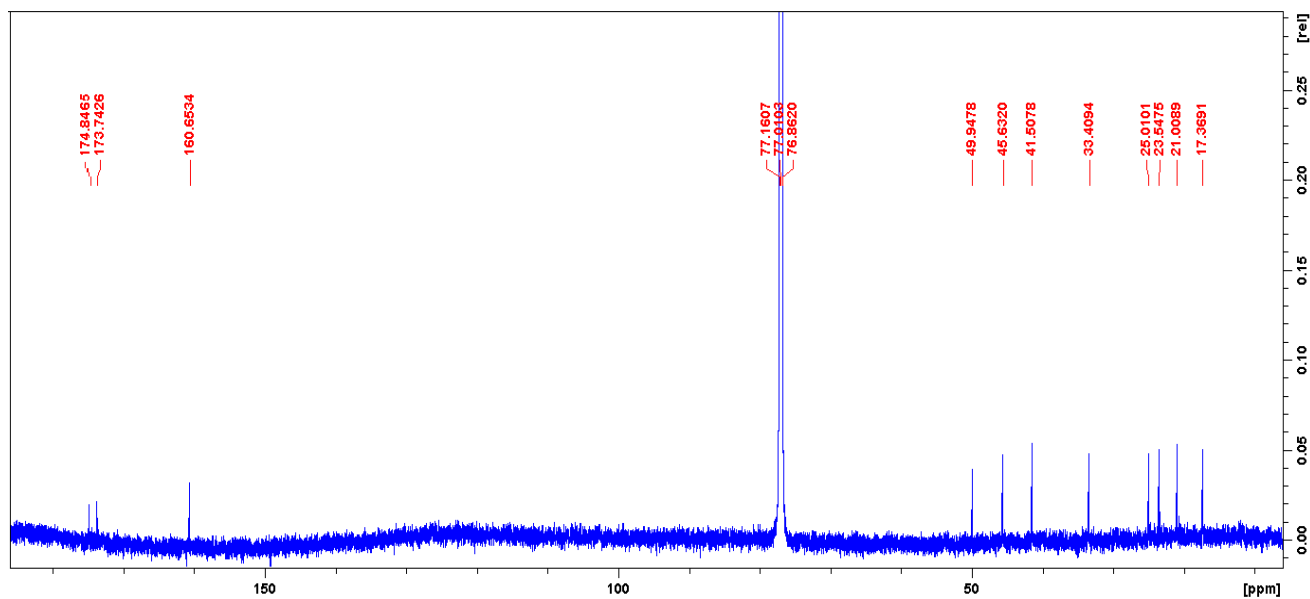


Figure S2. ¹³C NMR spectrum of compound **1** (213 MHz, CDCl₃).

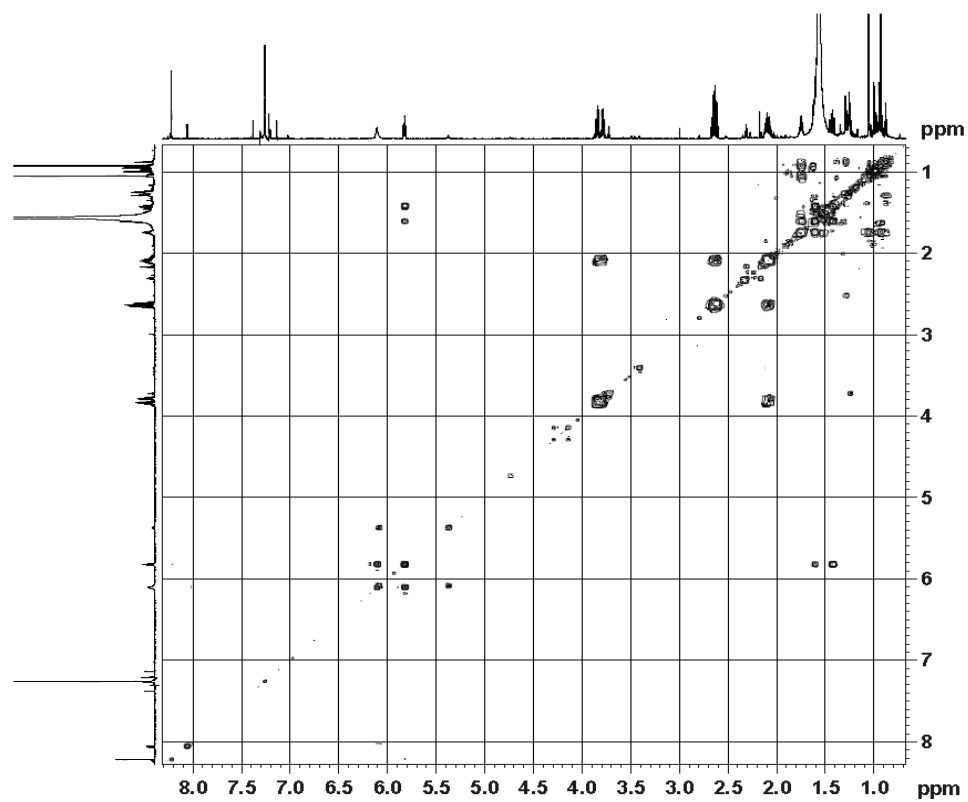


Figure S3. ^1H - ^1H correlated spectroscopy (COSY) NMR spectrum of compound **1** (850 MHz, CDCl_3).

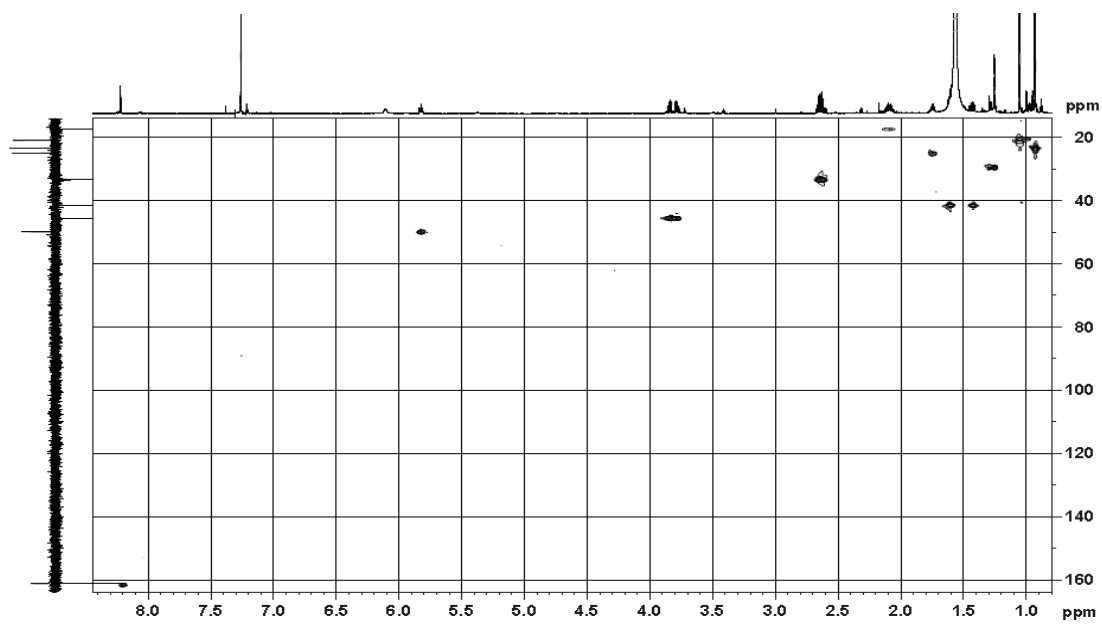


Figure S4. Multiplicity-edited heteronuclear single quantum coherence (HSQC) spectrum of compound **1** (850 MHz, CDCl_3).

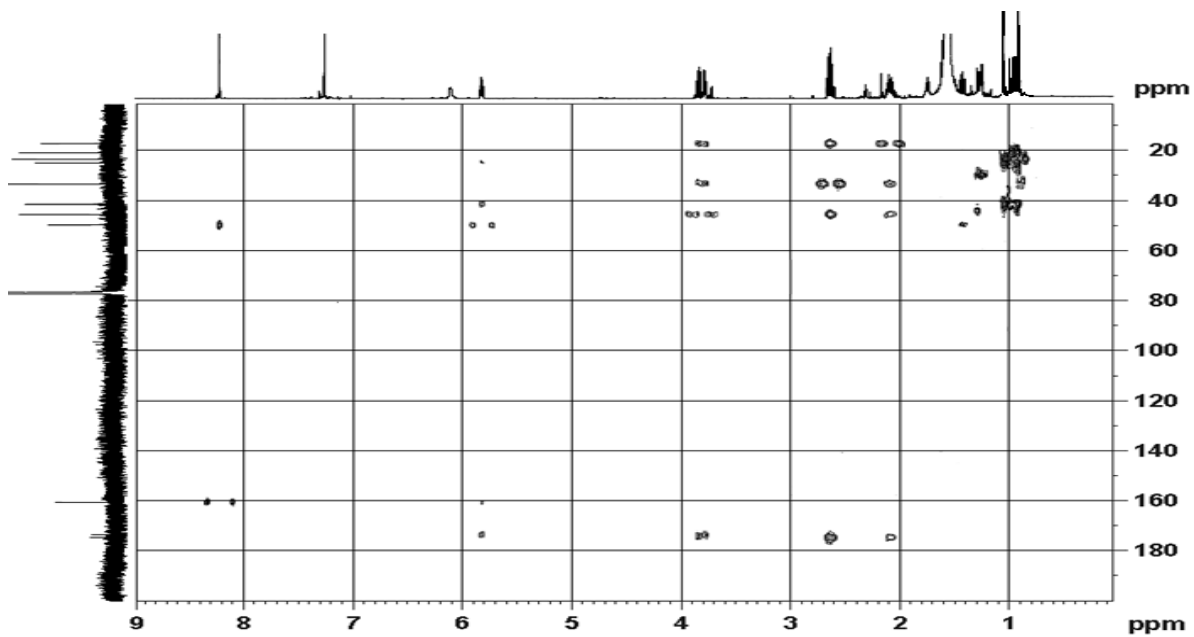


Figure S5. Heteronuclear multiple bond coherence (HMBC) spectrum of compound **1** (850 MHz, CDCl_3).

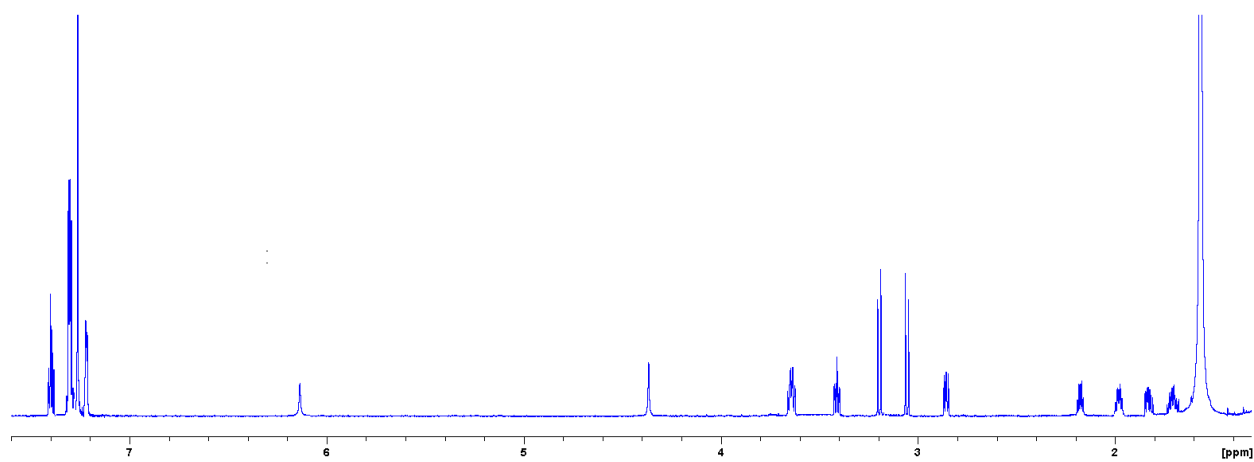


Figure S6. ^1H NMR spectrum of compound **2** (850 MHz, CDCl_3).

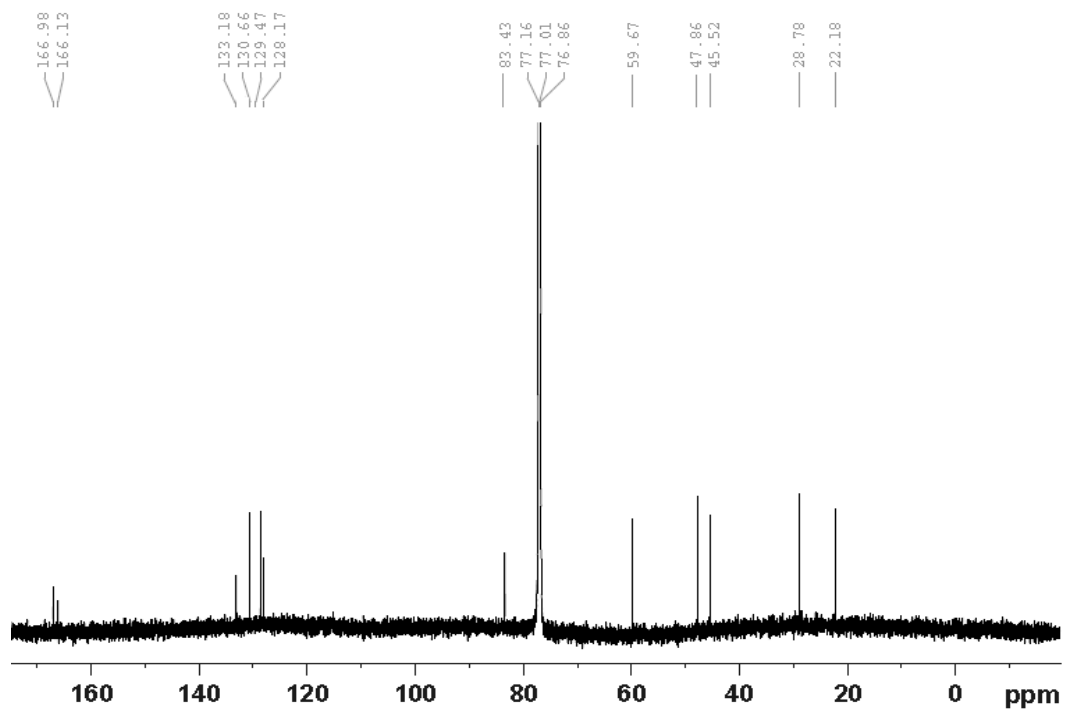


Figure S7. ^{13}C NMR spectrum of compound **2** (213 MHz, CDCl_3).

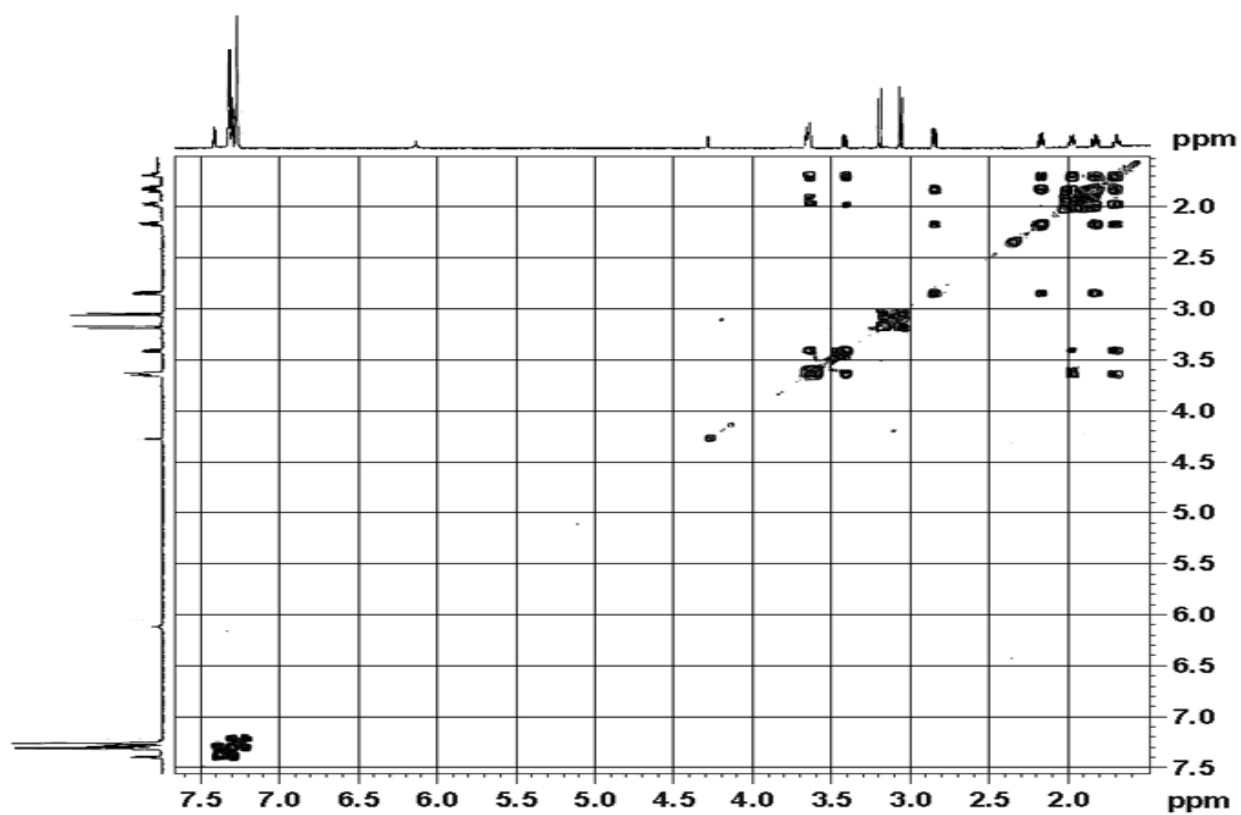


Figure S8. ^1H - ^1H COSY spectrum of compound **2** (850 MHz, CDCl_3).

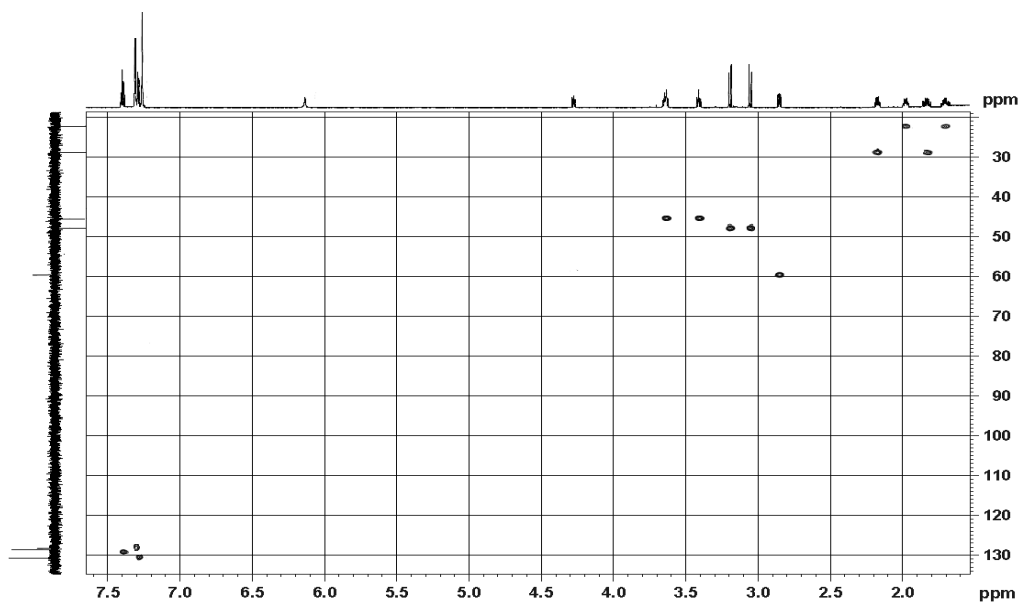


Figure S9. Multiplicity-edited HSQC spectrum of compound **2** (850 MHz, CDCl_3).

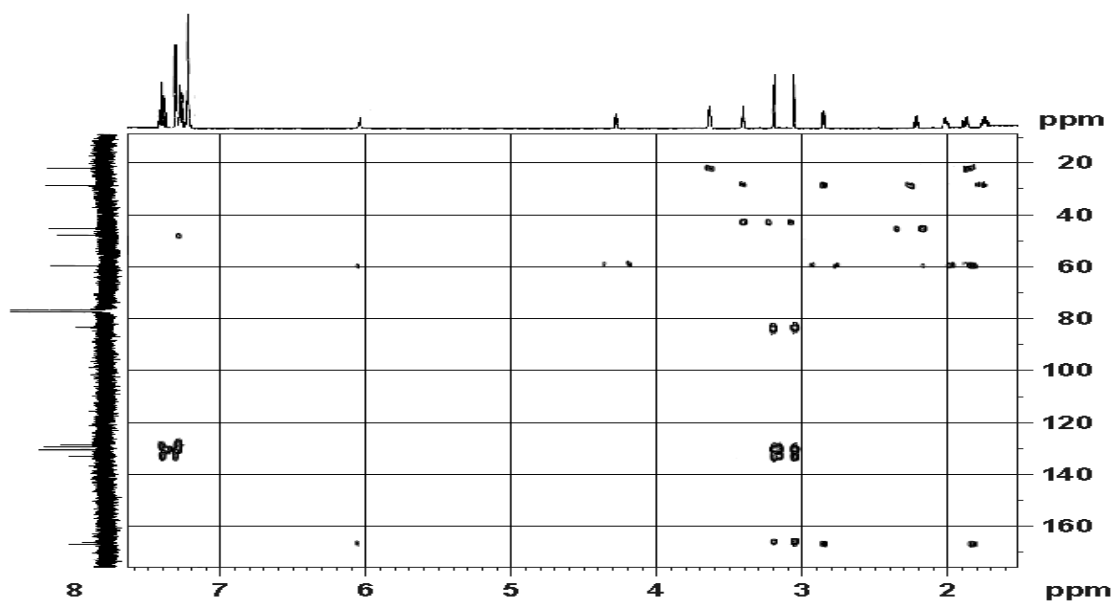


Figure S10. HMBC spectrum of compound **2** (850 MHz, CDCl_3).

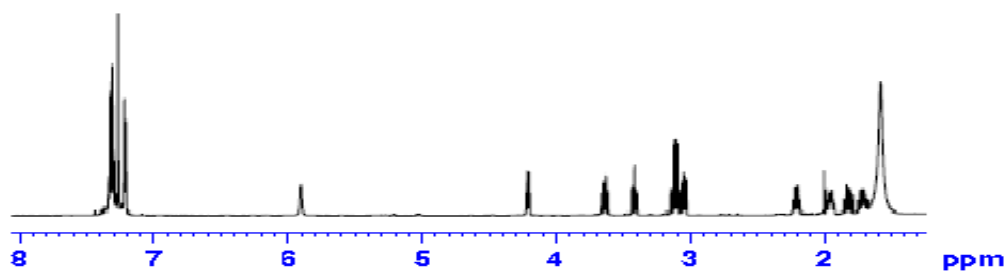


Figure S11. ^1H NMR spectrum of compound **3** (600 MHz, CDCl_3).

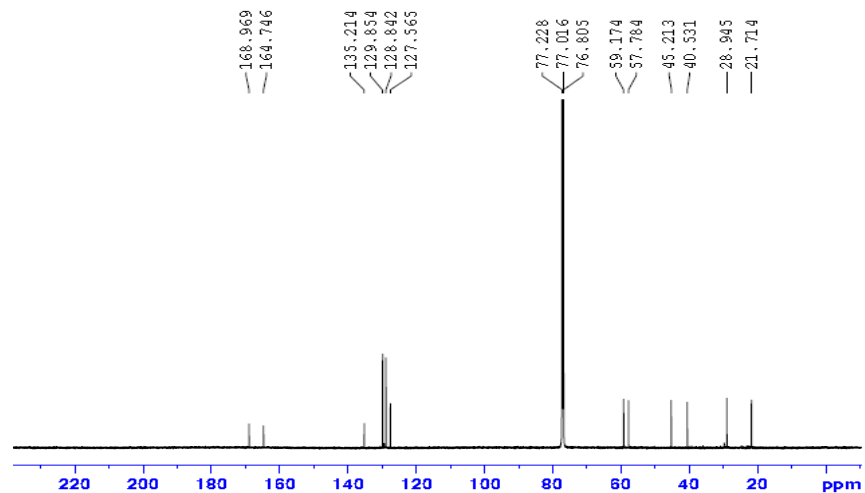


Figure S12. ^{13}C NMR spectrum of compound **3** (150 MHz, CDCl_3).

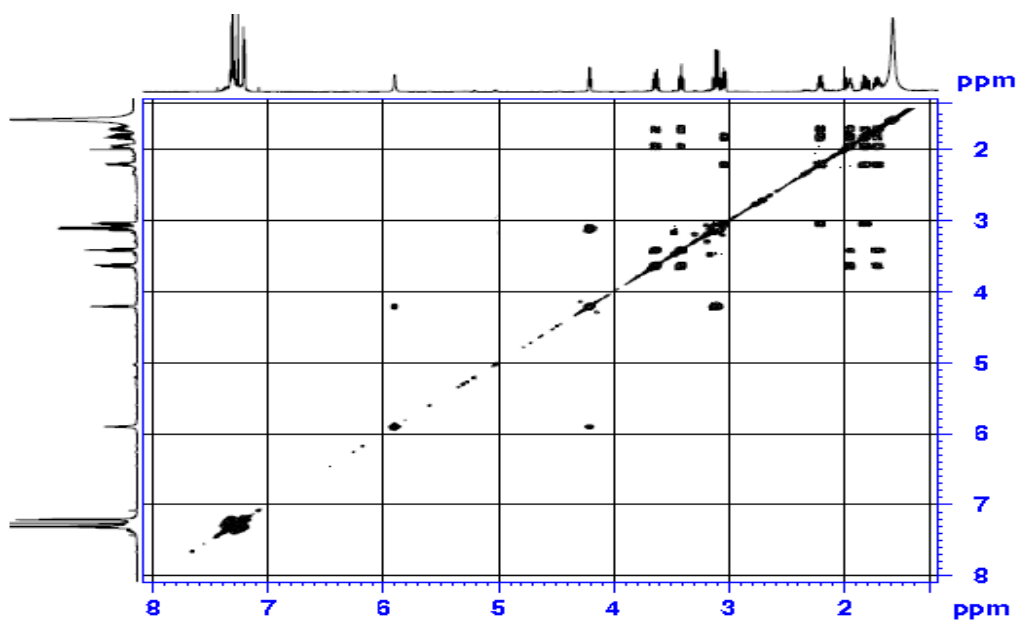


Figure S13. ^1H - ^1H COSY spectrum of compound **3** (600 MHz, CDCl_3).

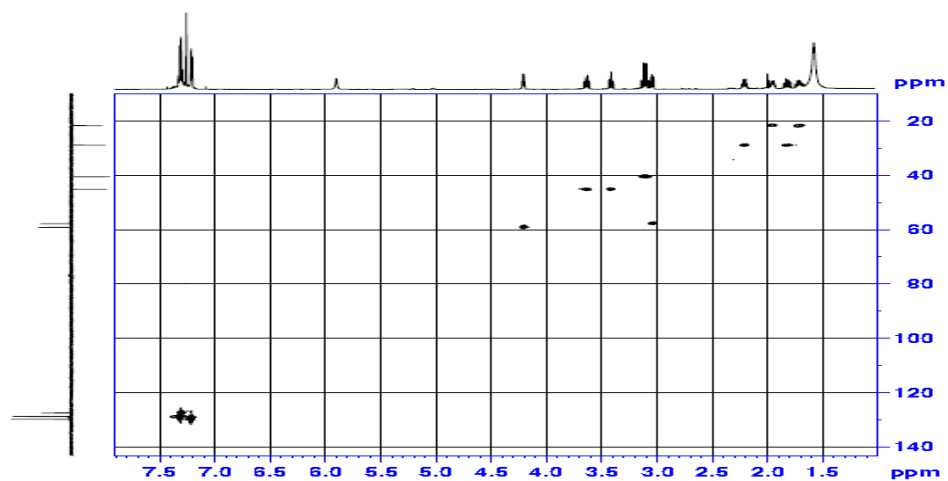


Figure S14. Multiplicity-edited HSQC spectrum of compound **3** (600 MHz, CDCl_3).

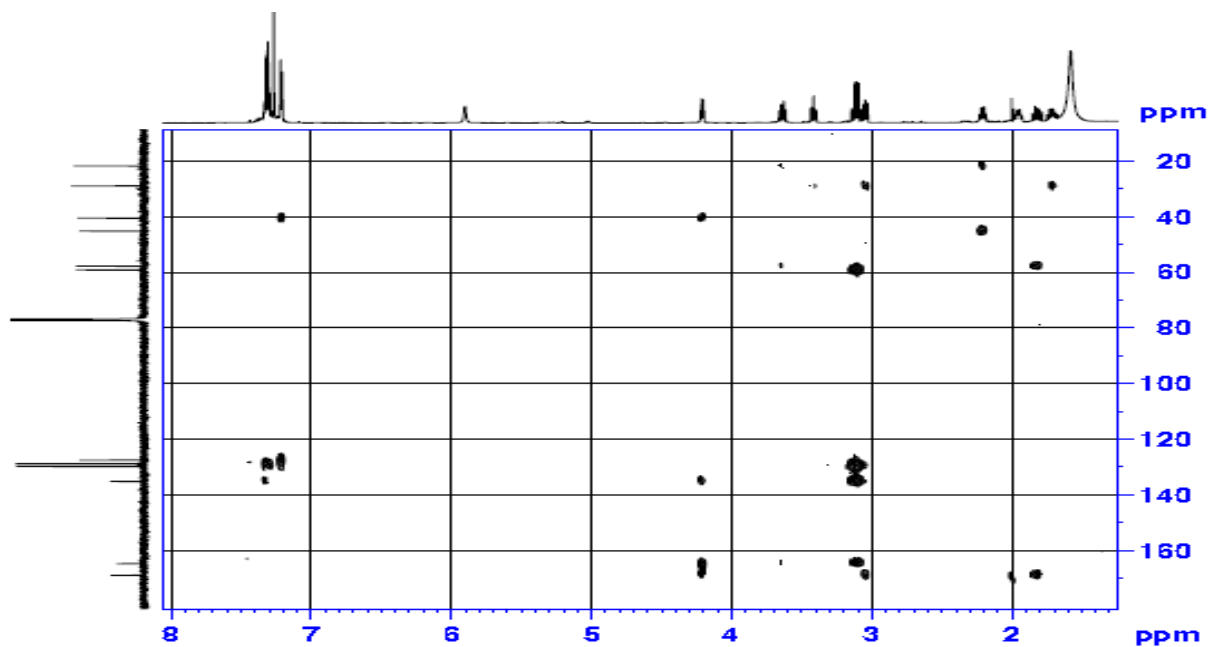


Figure S15. HMBC spectrum of compound **3** (600 MHz, CDCl₃).

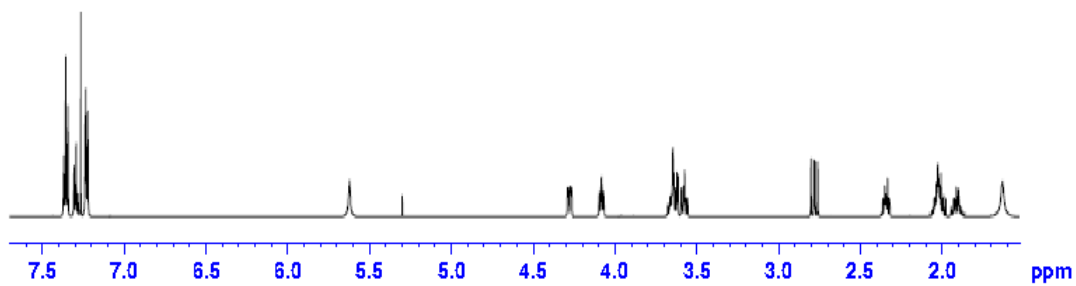


Figure S16. ¹H NMR spectrum of compound **4** (600 MHz, CDCl₃).

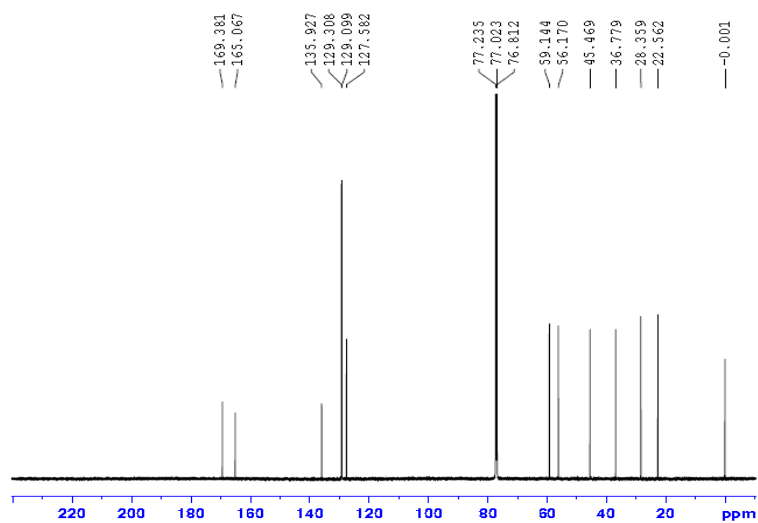


Figure S17. ¹³C NMR spectrum of compound **4** (150 MHz, CDCl₃).

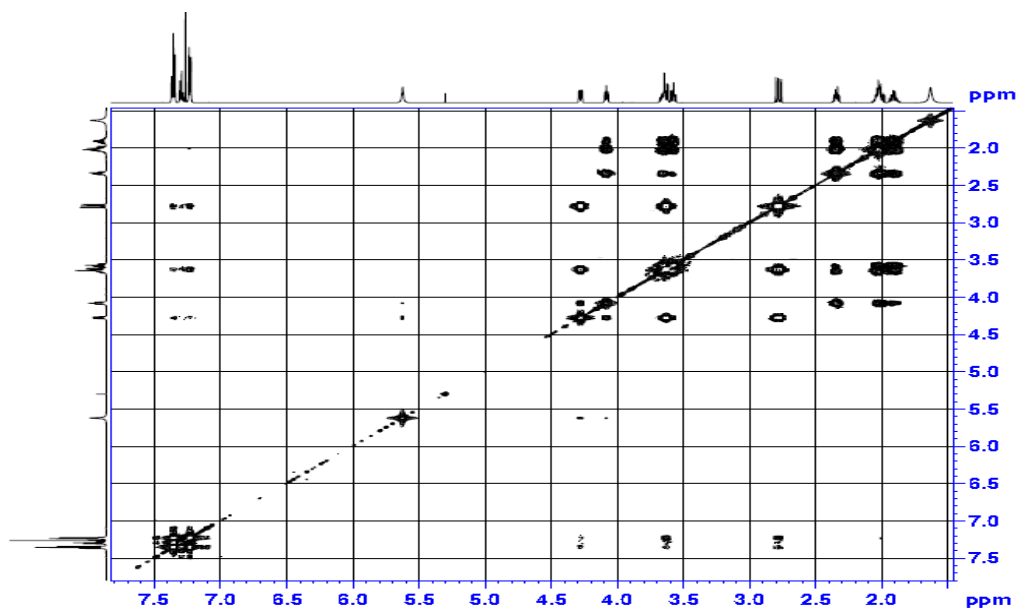


Figure S18. ^1H - ^1H COSY spectrum of compound **4** (600 MHz, CDCl_3).

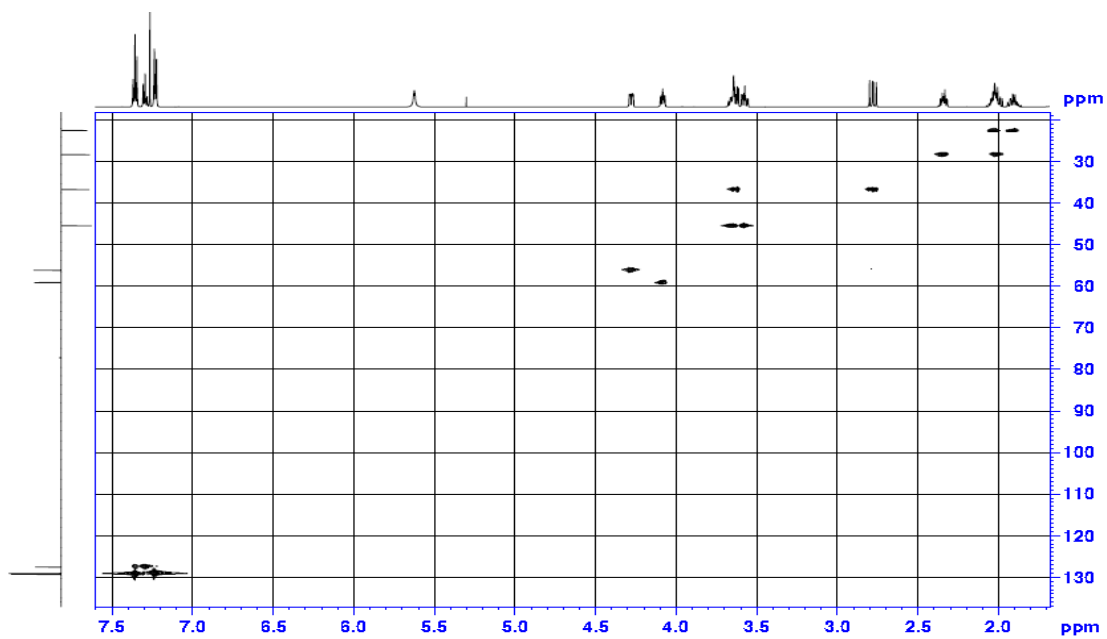


Figure S19. Multiplicity-edited HSQC spectrum of compound **4** (600 MHz, CDCl_3).

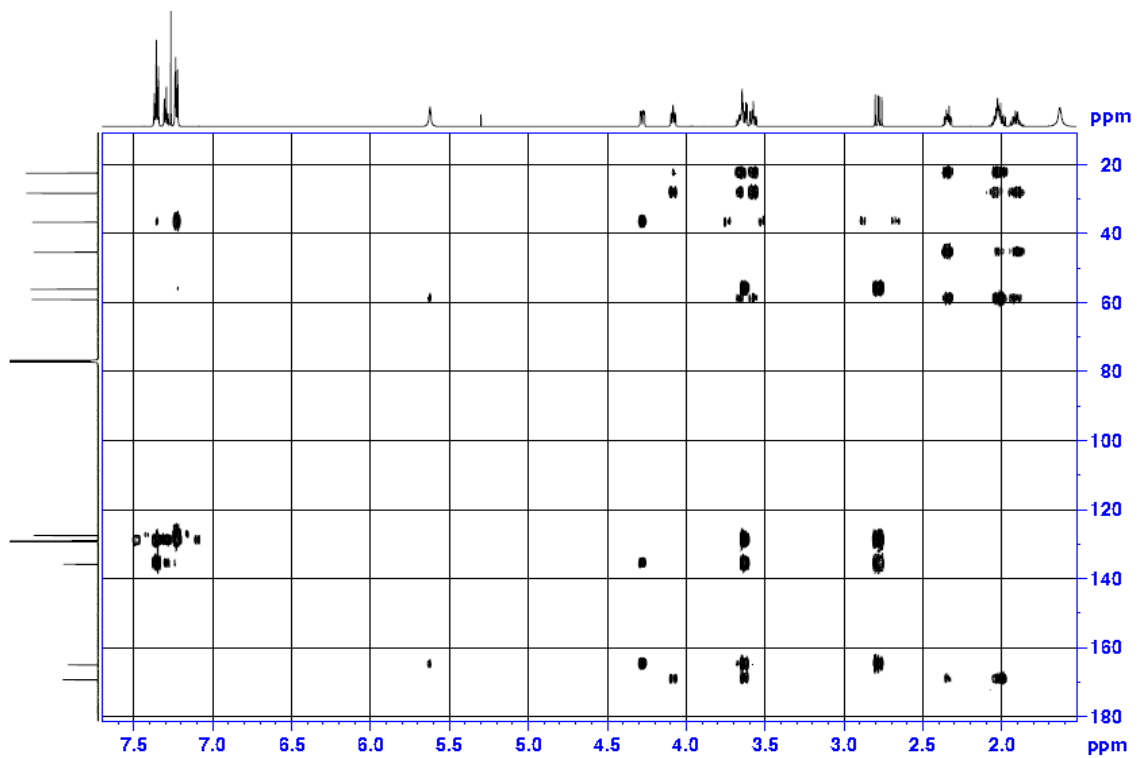


Figure S20. HMBC spectrum of compound 4 (600 MHz, CDCl_3).