

Supplementary Information

Antifungal Polyketides and Other Compounds from Amazonian Endophytic *Talaromyces* Fungi

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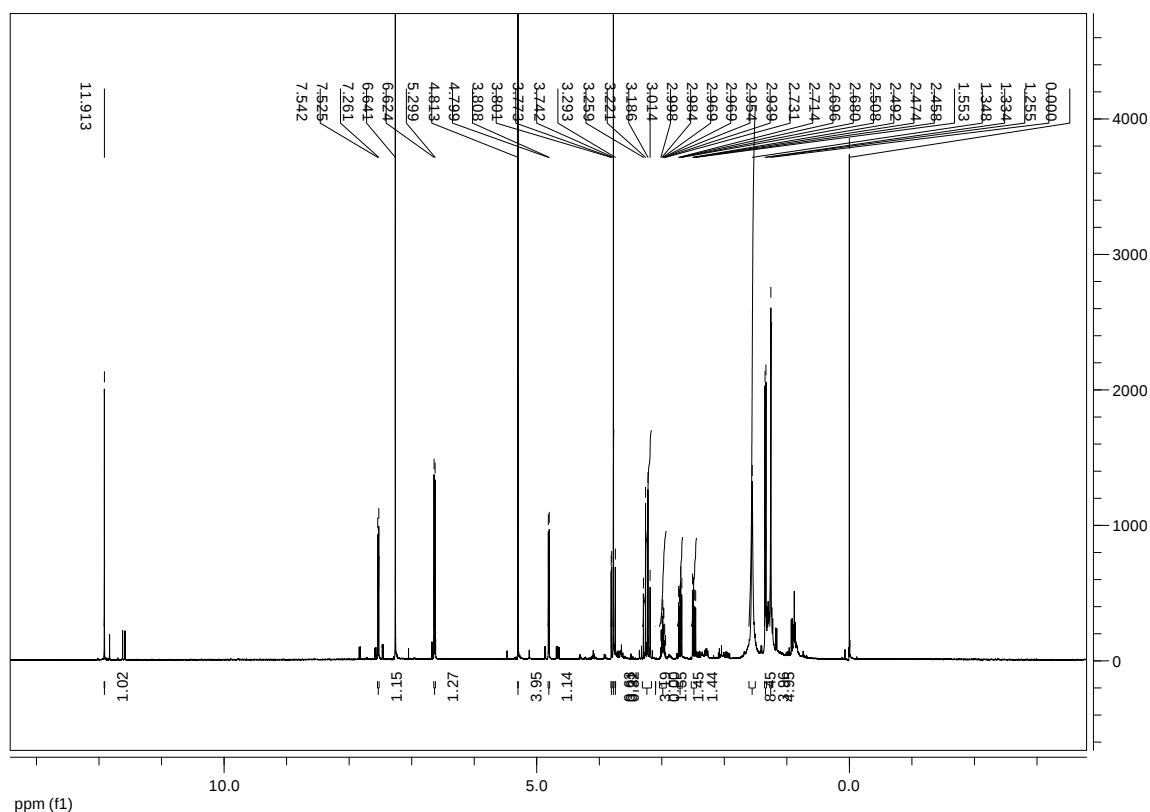


Figure S1. ^1H NMR (500 MHz, CDCl_3) spectrum of compound **1**.

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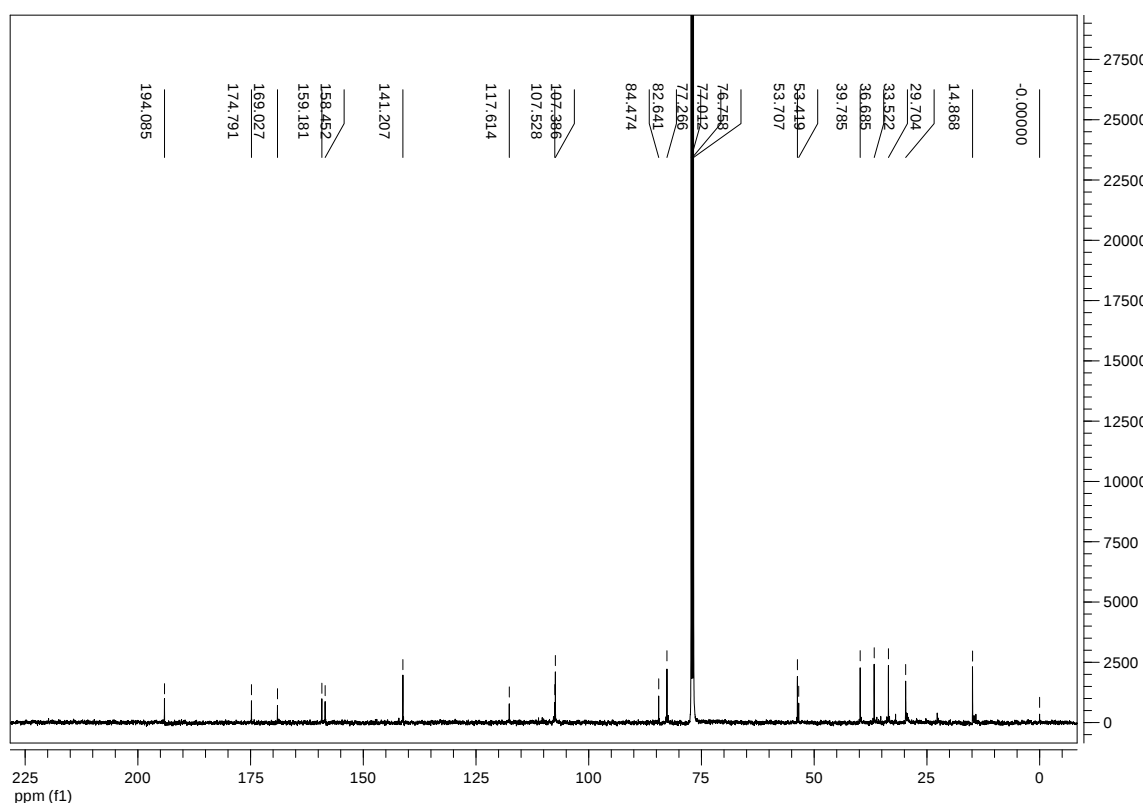


Figure S2. ¹³C NMR (125 MHz, CDCl₃) spectrum of compound 1.

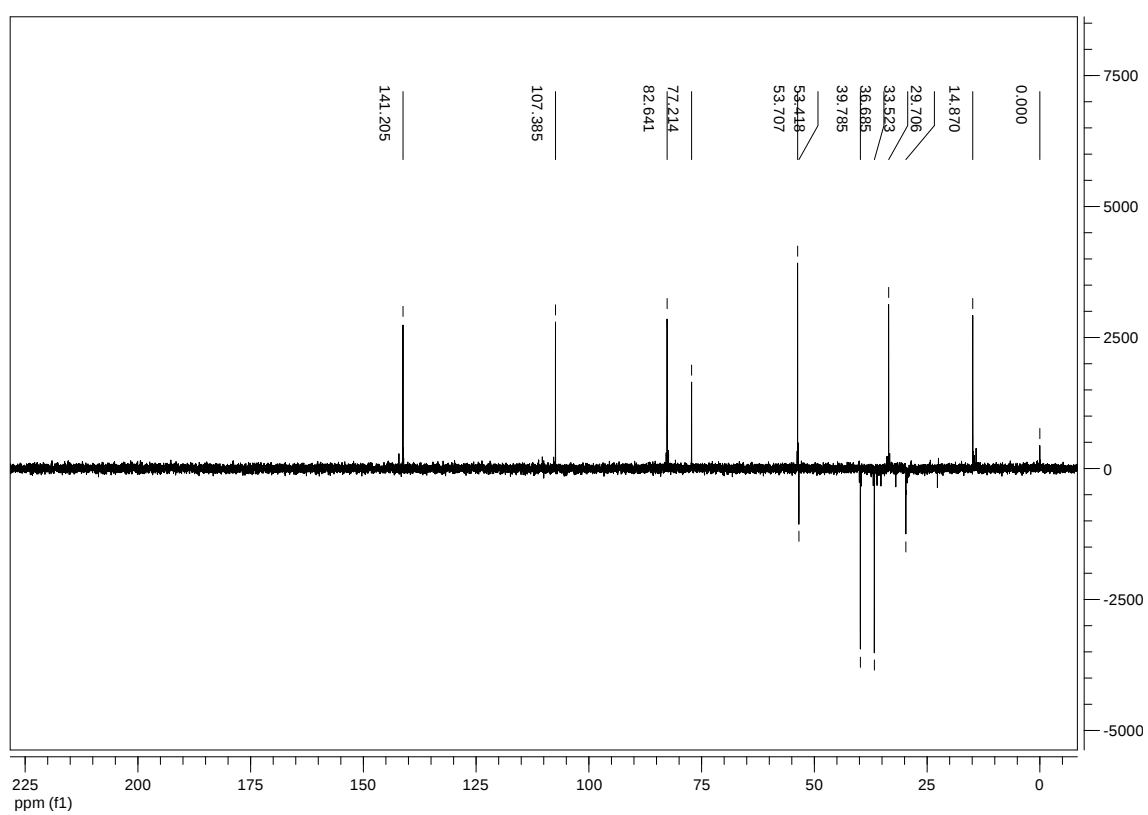


Figure S3. DEPT 135° (125 MHz, CDCl₃) spectrum of compound 1.

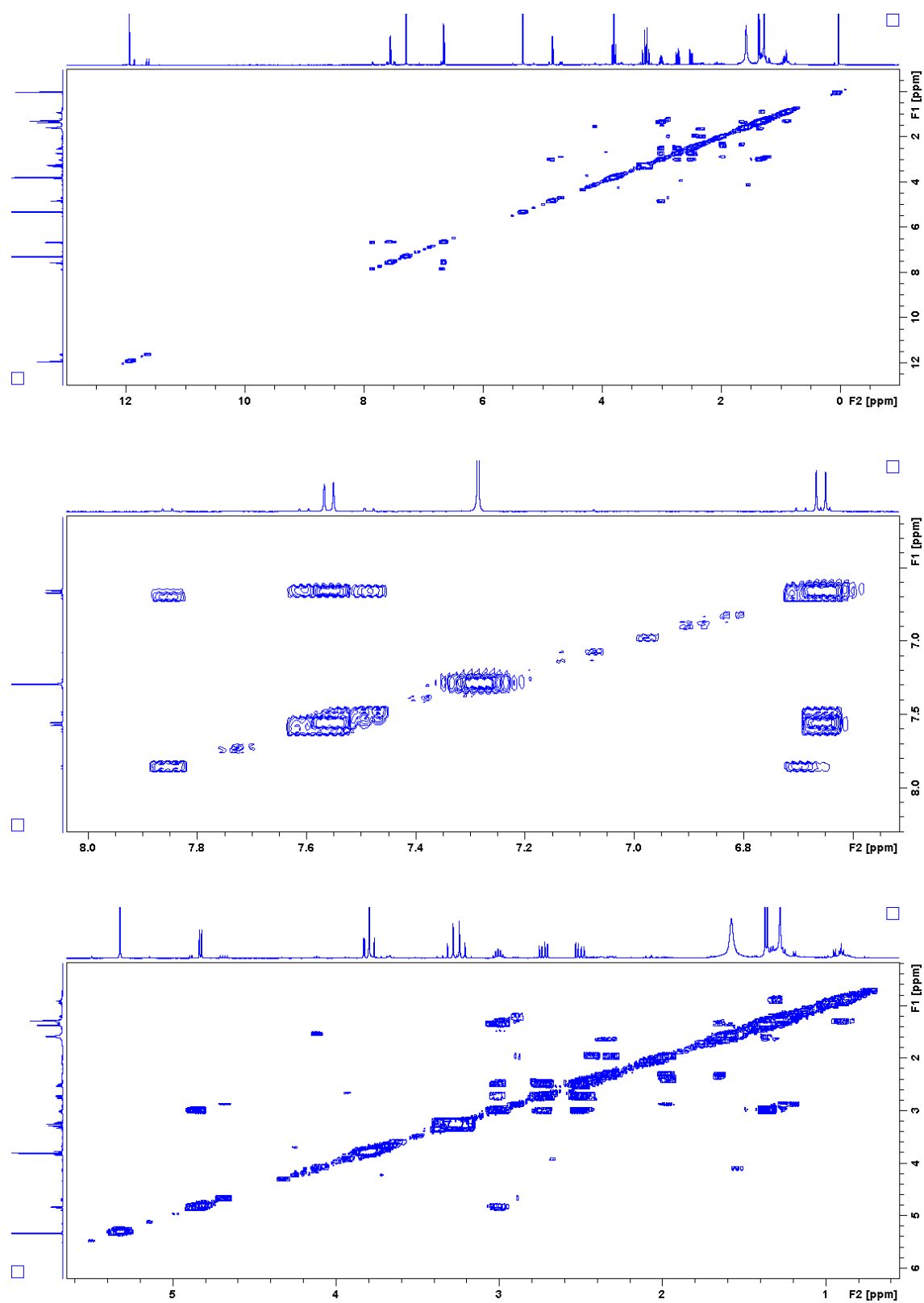


Figure S4. COSY (^1H NMR, 500 MHz) map and respective magnifications of compound **1**.

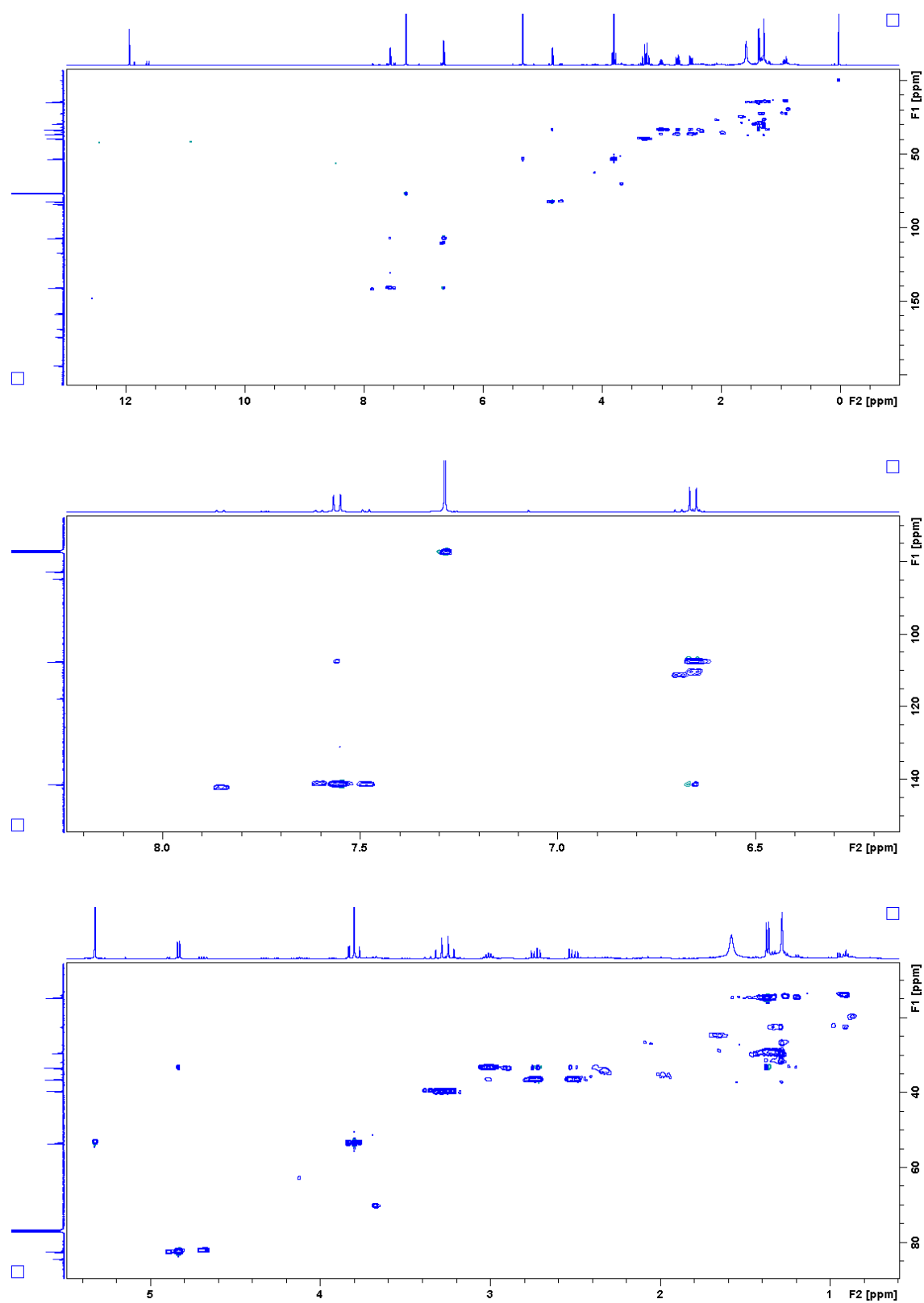


Figure S5. HSQC (^1H NMR 500 MHz, ^{13}C NMR 125 MHz, CDCl_3) map and respective magnifications of compound 1.

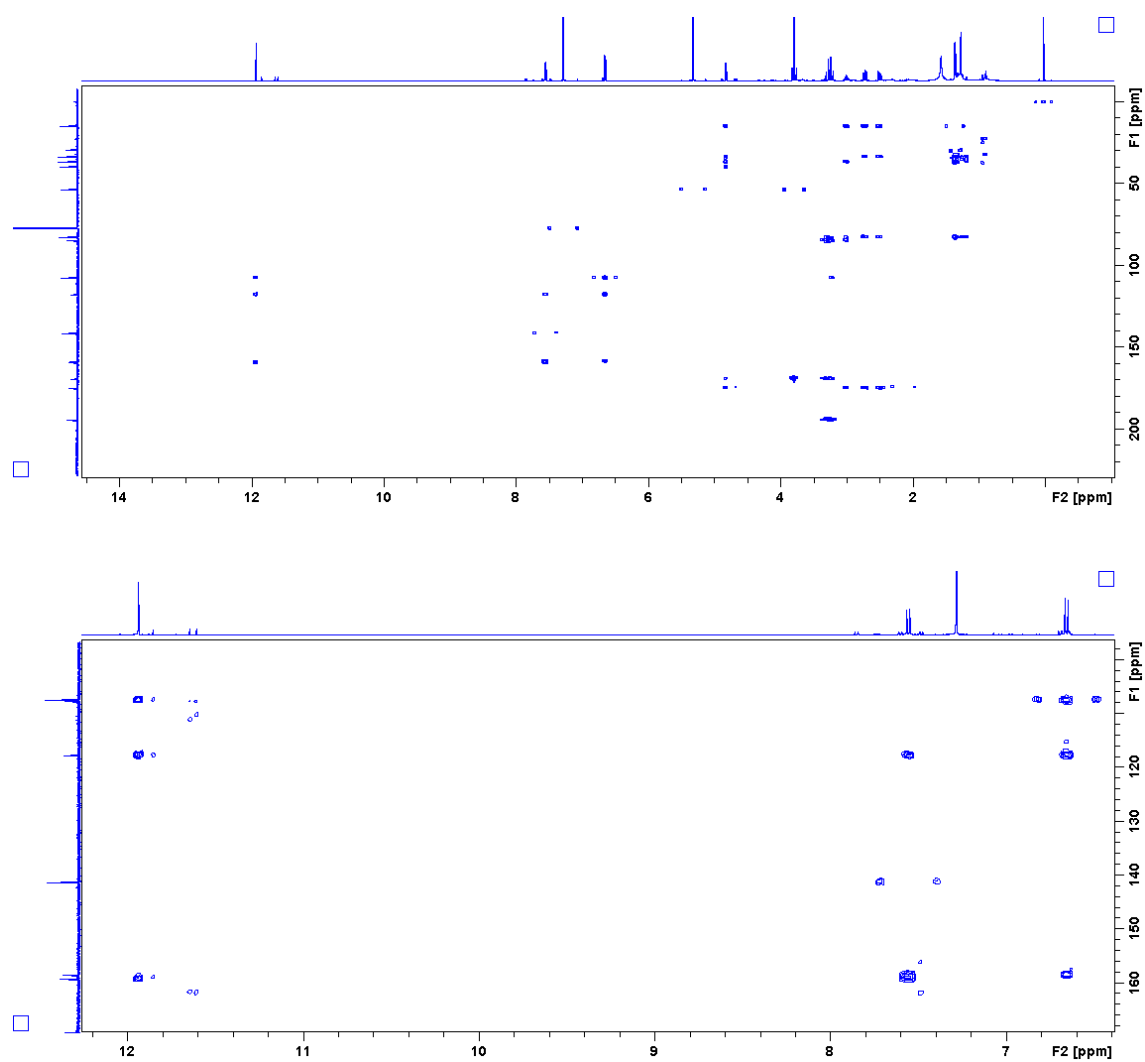


Figure S6. HMBC (^1H NMR 500 MHz, ^{13}C NMR 125 MHz, CDCl_3) map and respective magnifications of compound **1**.

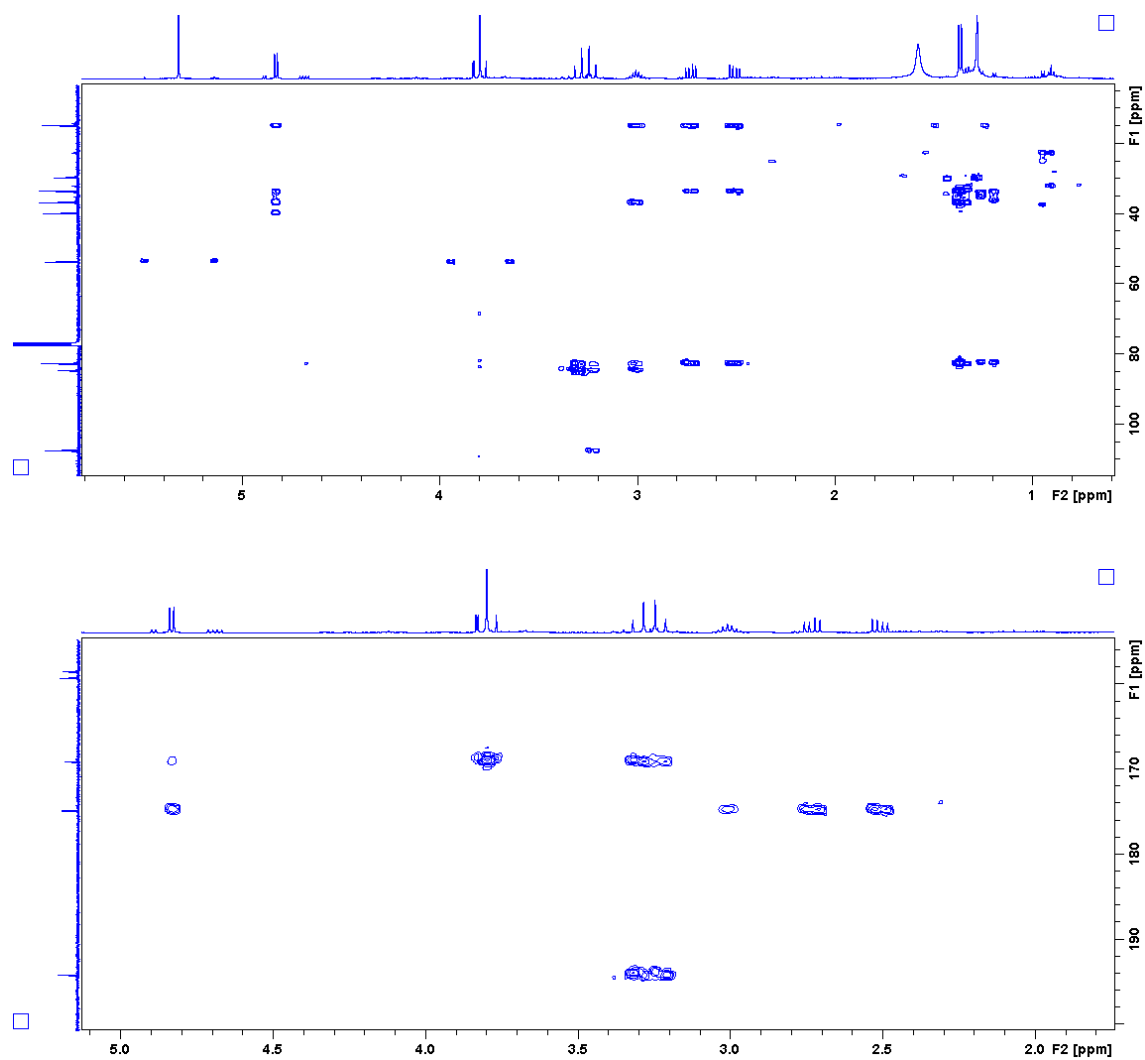


Figure S7. Additional magnifications of the HMBC (^1H NMR 500 MHz, ^{13}C NMR 125 MHz, CDCl_3) map of compound **1**.

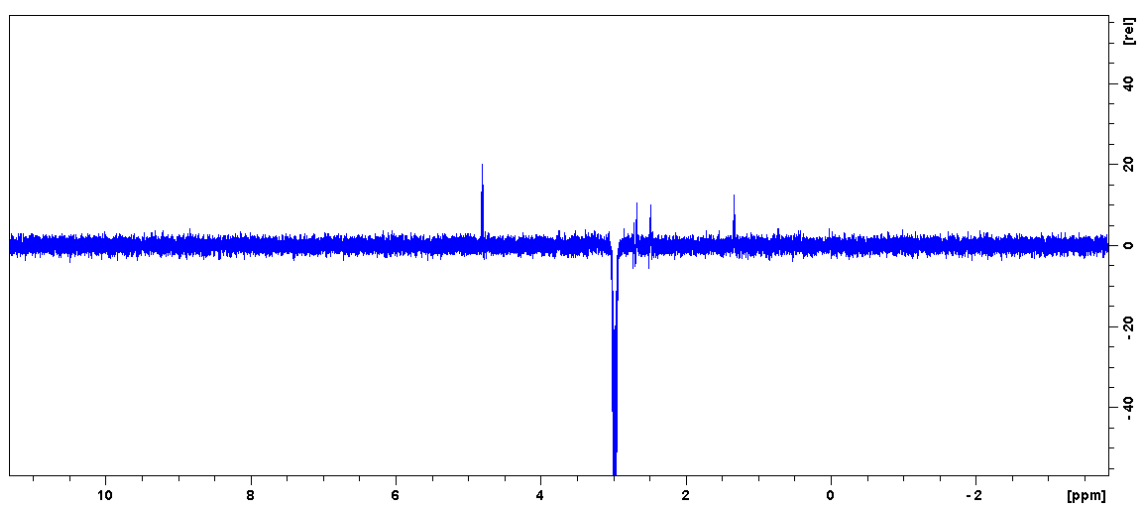


Figure S8. NOESY (^1H NMR 500 MHz) spectrum of compound **1**.

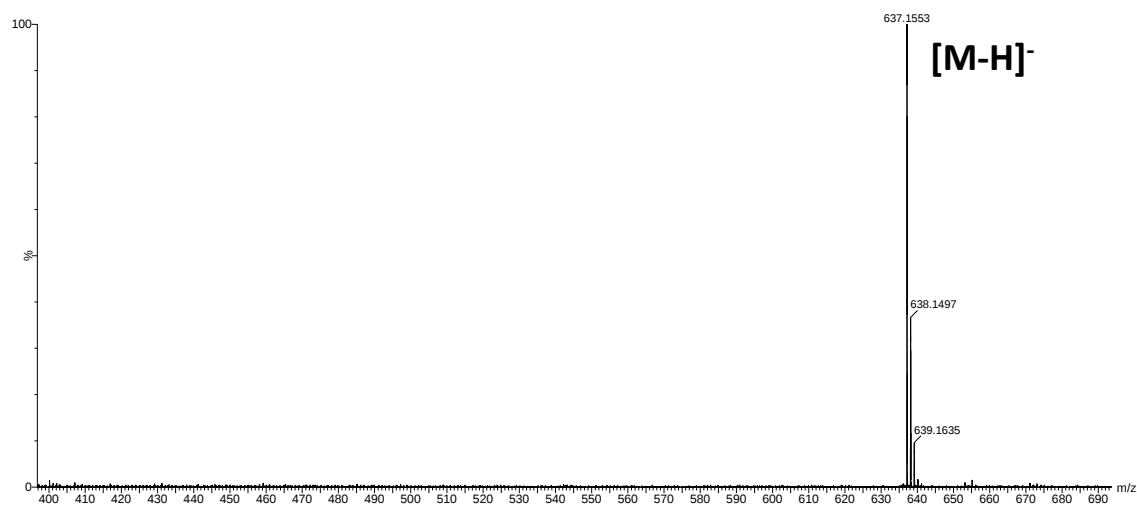


Figure S9. HRAPCIMS(-) spectrum of compound 1.

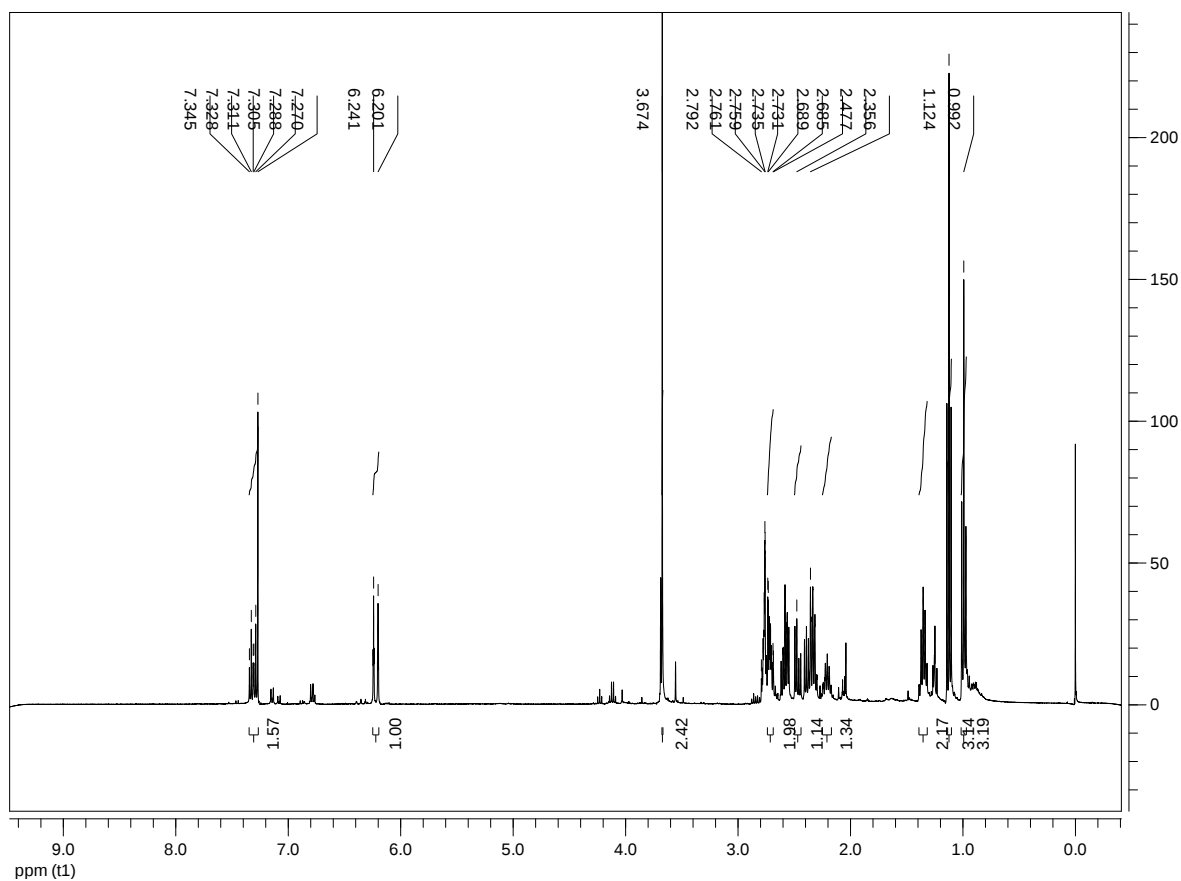


Figure S10. ¹H NMR (400 MHz, CDCl₃) spectrum of compound 7.

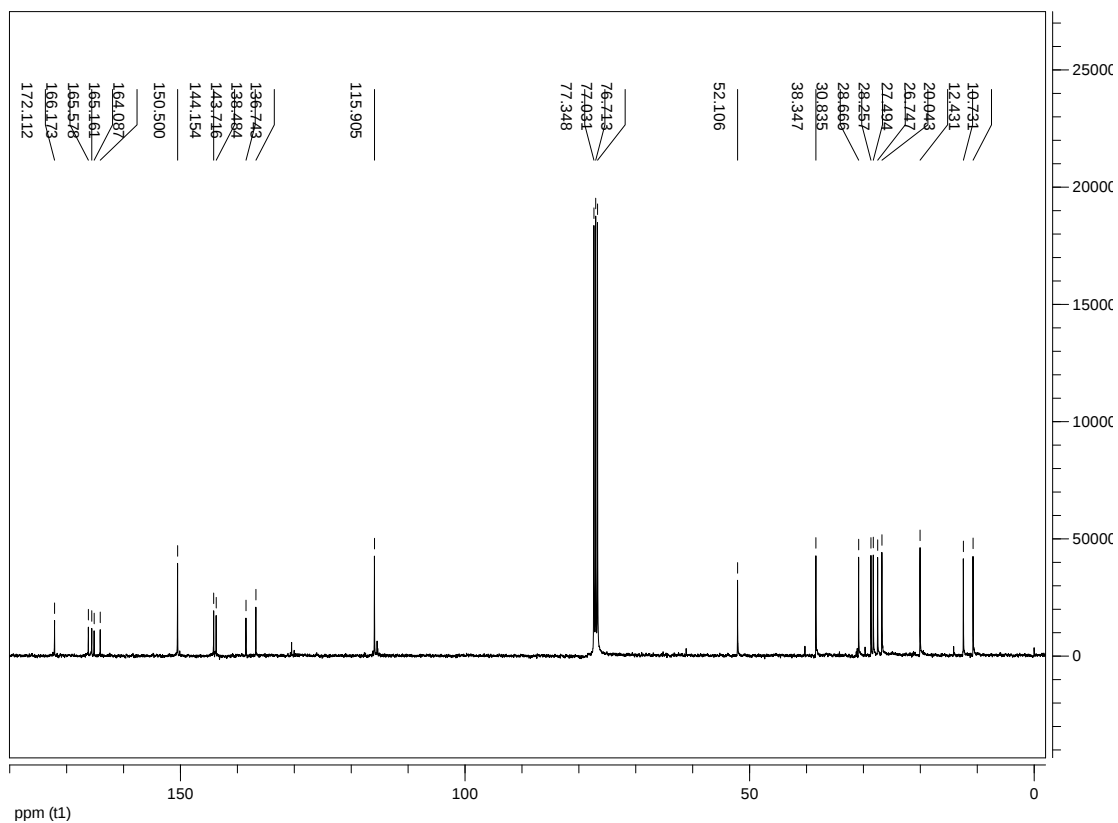


Figure S11. ¹³C NMR (100 MHz, CDCl₃) spectrum of compound 7.

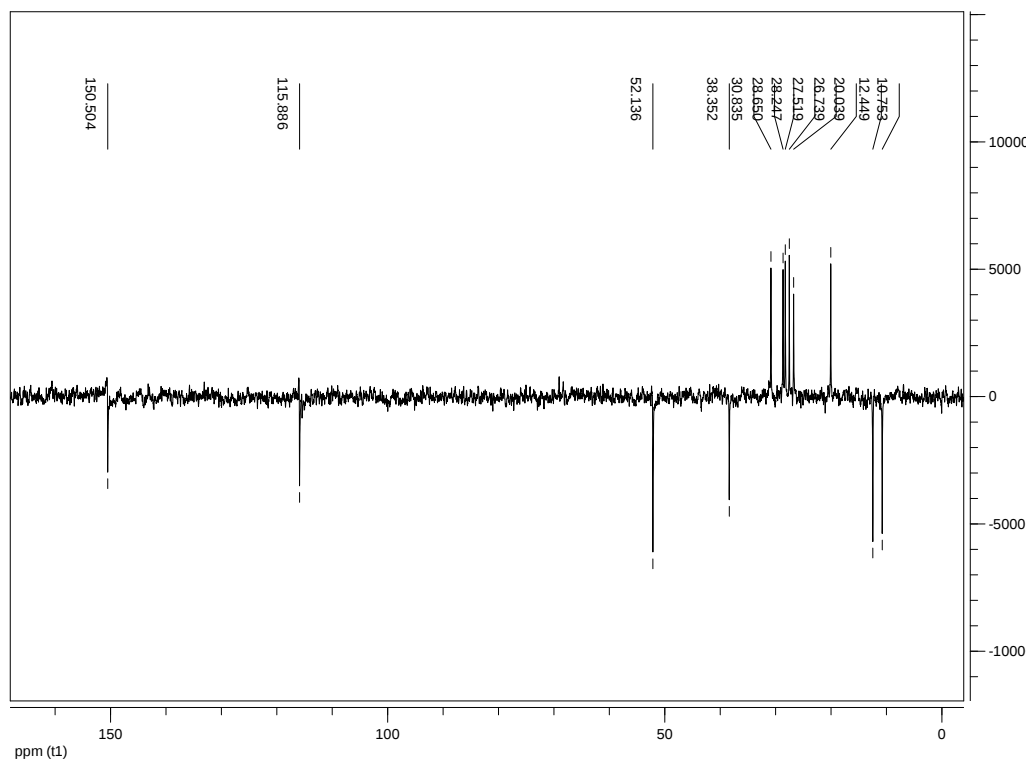


Figure S12. DEPT 135° (100 MHz, CDCl₃) spectrum of compound 7.

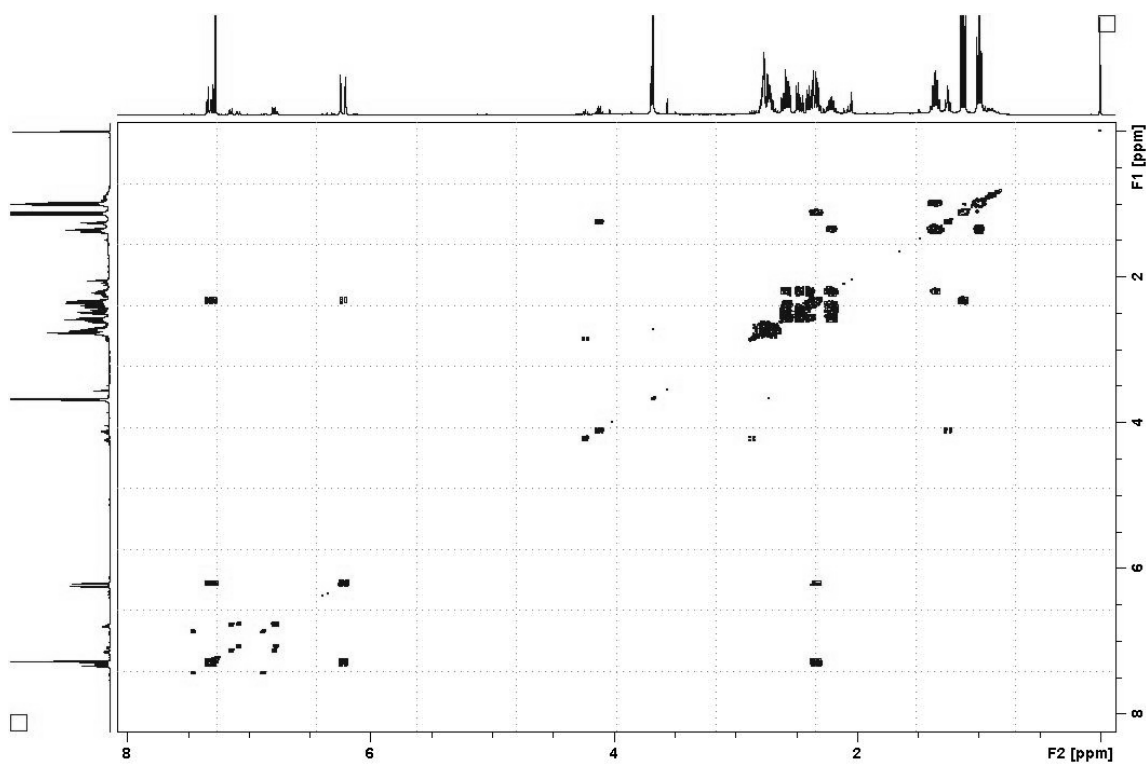


Figure S13. COSY (^1H NMR, 400 MHz) map of compound 7.

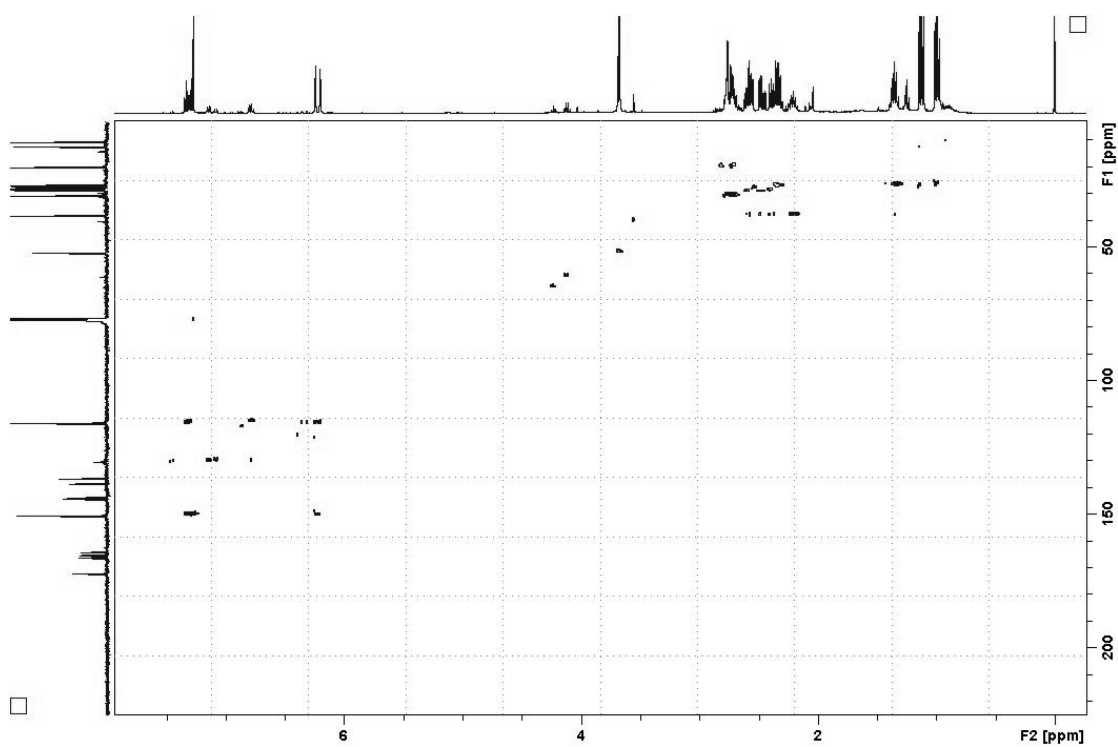


Figure S14. HSQC (^1H NMR 400 MHz, ^{13}C NMR 100 MHz, CDCl_3) map of compound 7.

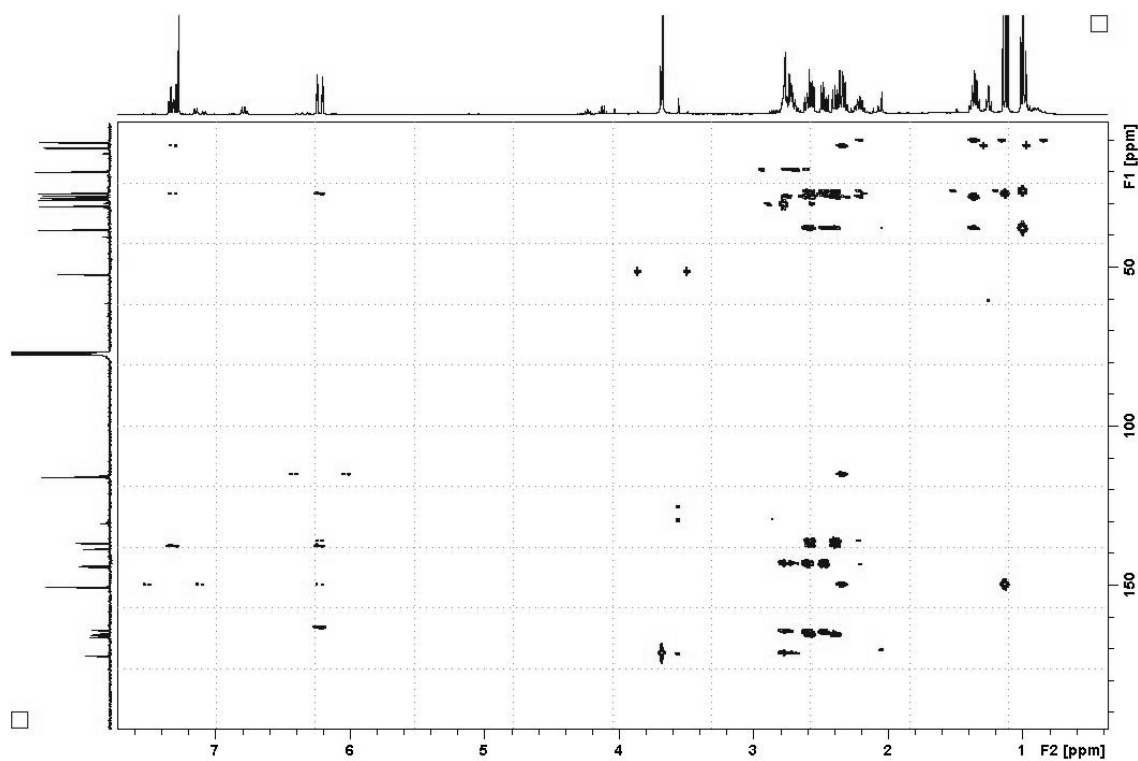


Figure S15. HMBC (^1H NMR 400 MHz, ^{13}C NMR 100 MHz, CDCl_3) map of compound 7.

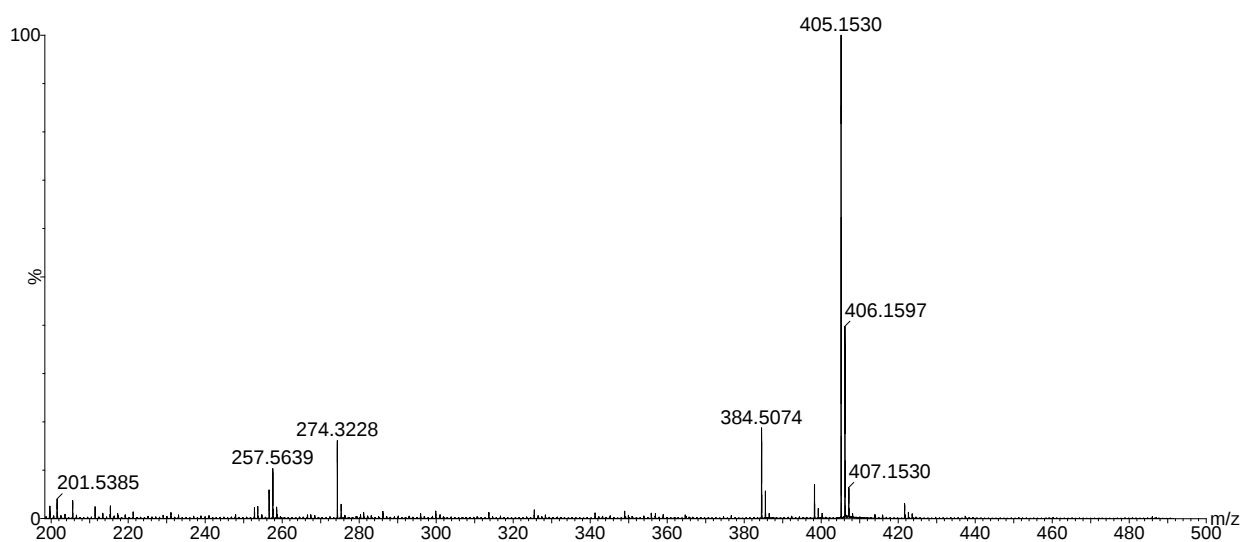


Figure S16. HRAPCIMS(+) spectrum of compound 7.

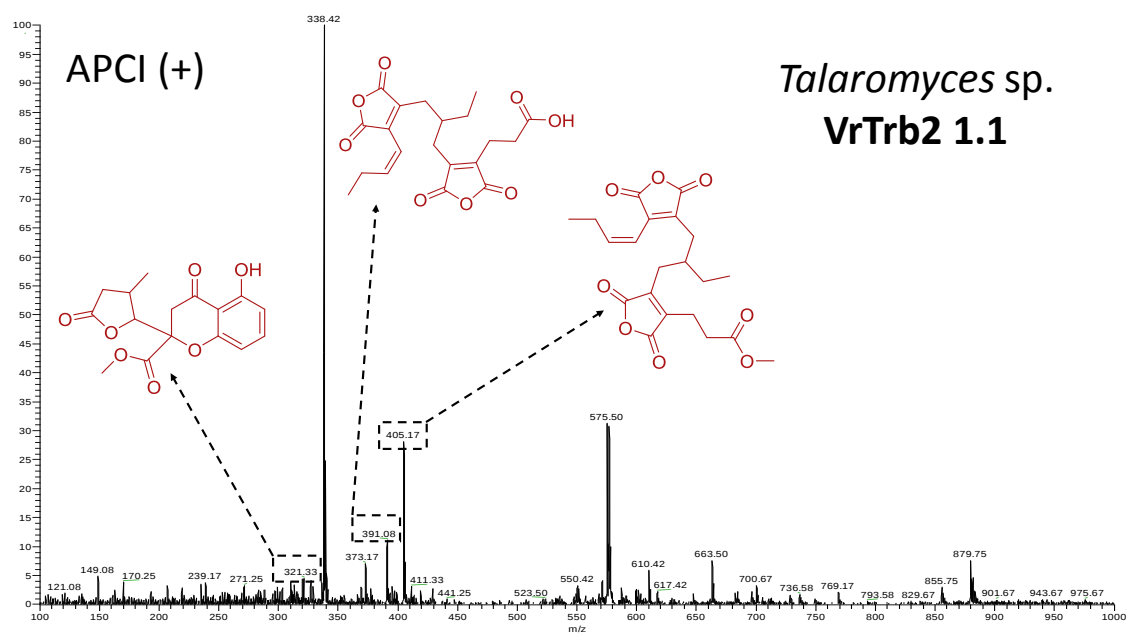


Figure S17. HRAPCIMS (+) spectrum of the crude extract (ethyl acetate) of the fungus VrTrb2 1.1.