

Supporting Information

Isolation, Synthesis, and Biological activity of Tementosenol A from the Leaves of *Rhodomyrtus tomentosa*

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Figure S19. ^{13}C NMR spectrum (125 MHz, CDCl_3) of synthetic **3**.

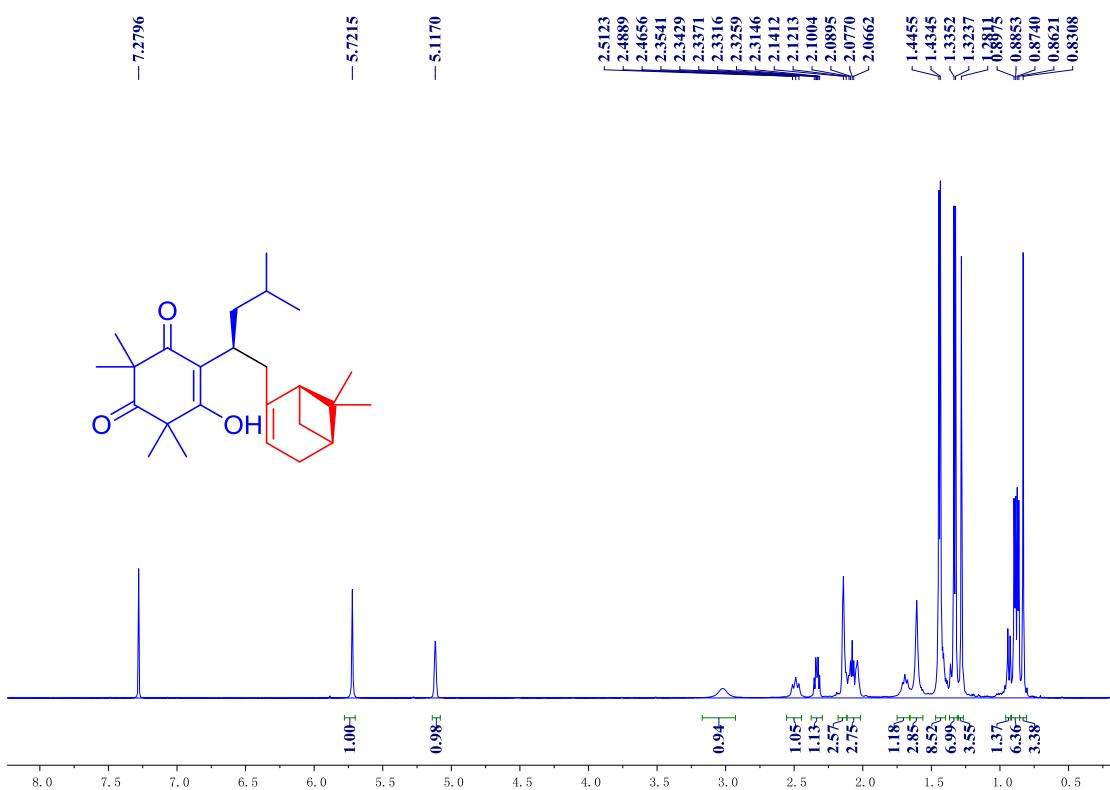


Figure S1. ^1H NMR spectrum (500 MHz, CDCl_3) of **1**.

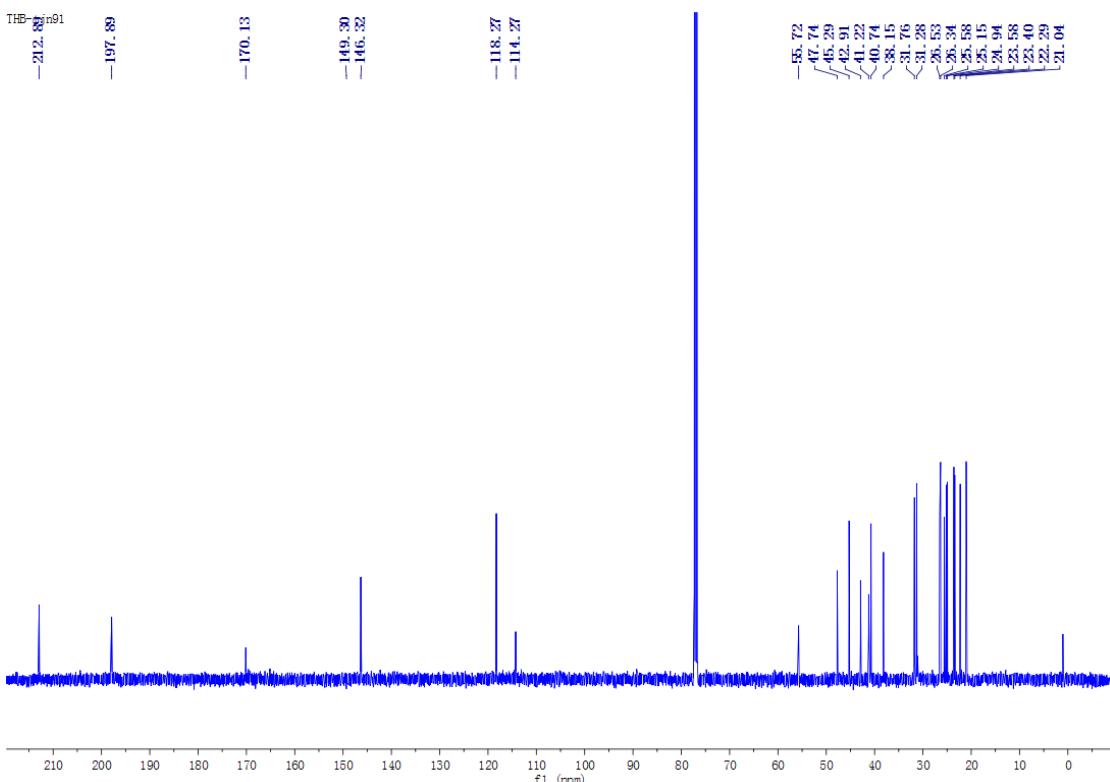


Figure S2. ^{13}C NMR spectrum (125 MHz, CDCl_3) of **1**.

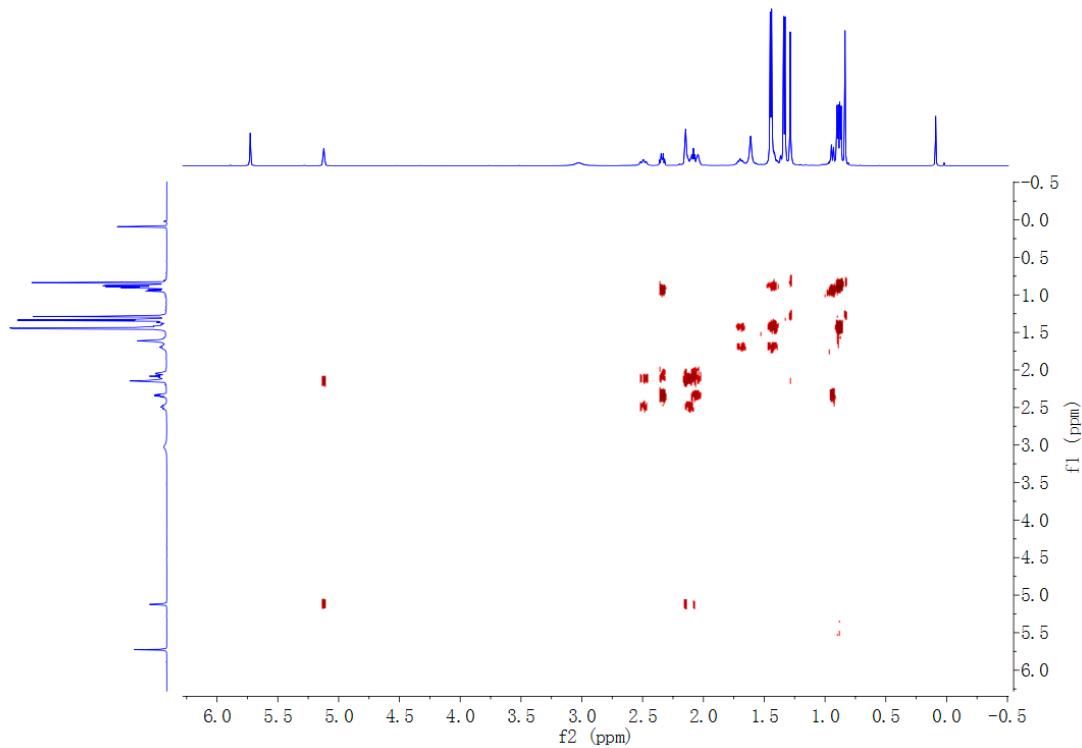


Figure S3. ^1H - ^1H COSY spectrum (500 MHz, CDCl_3) of **1**.

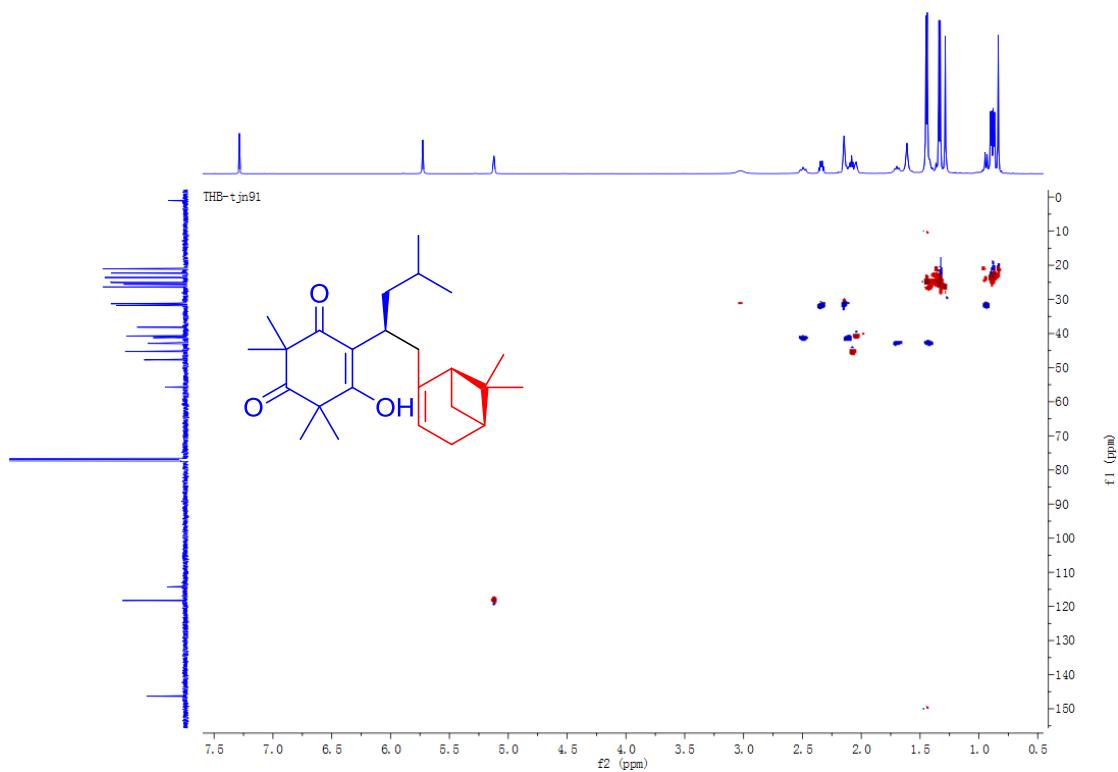


Figure S4. HSQC spectrum of **1**.

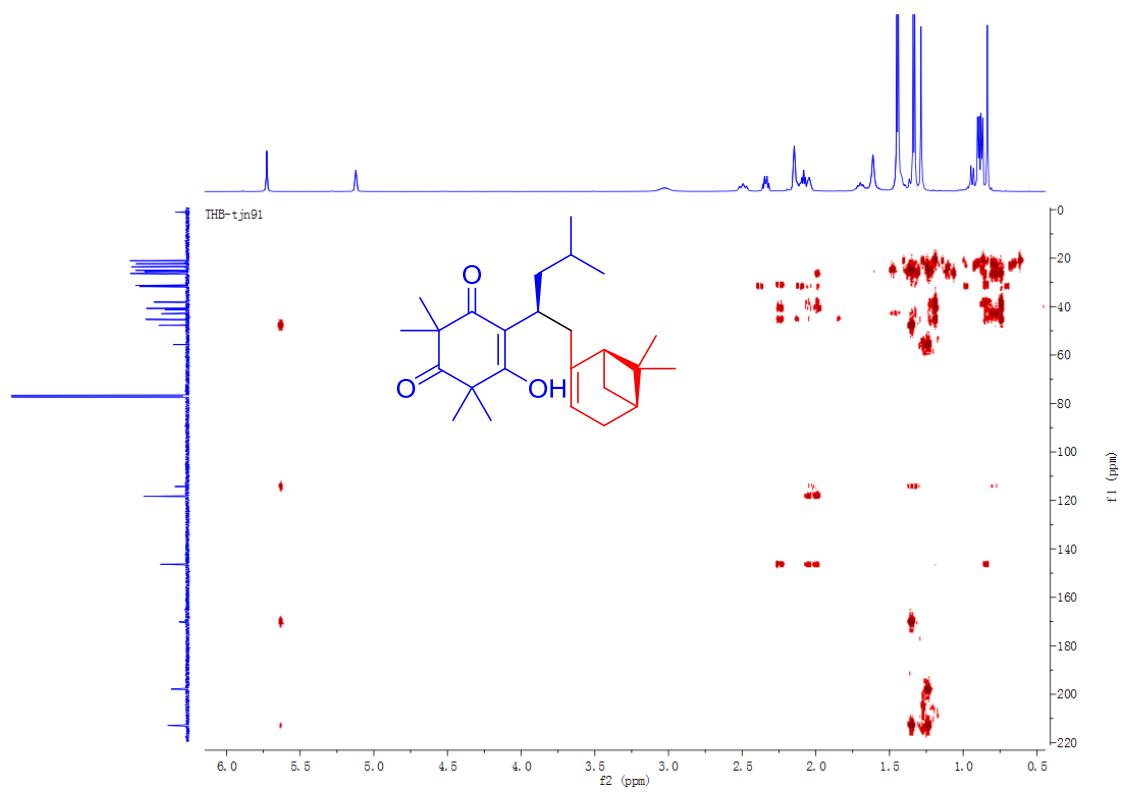


Figure S5. HMBC spectrum of **1**.

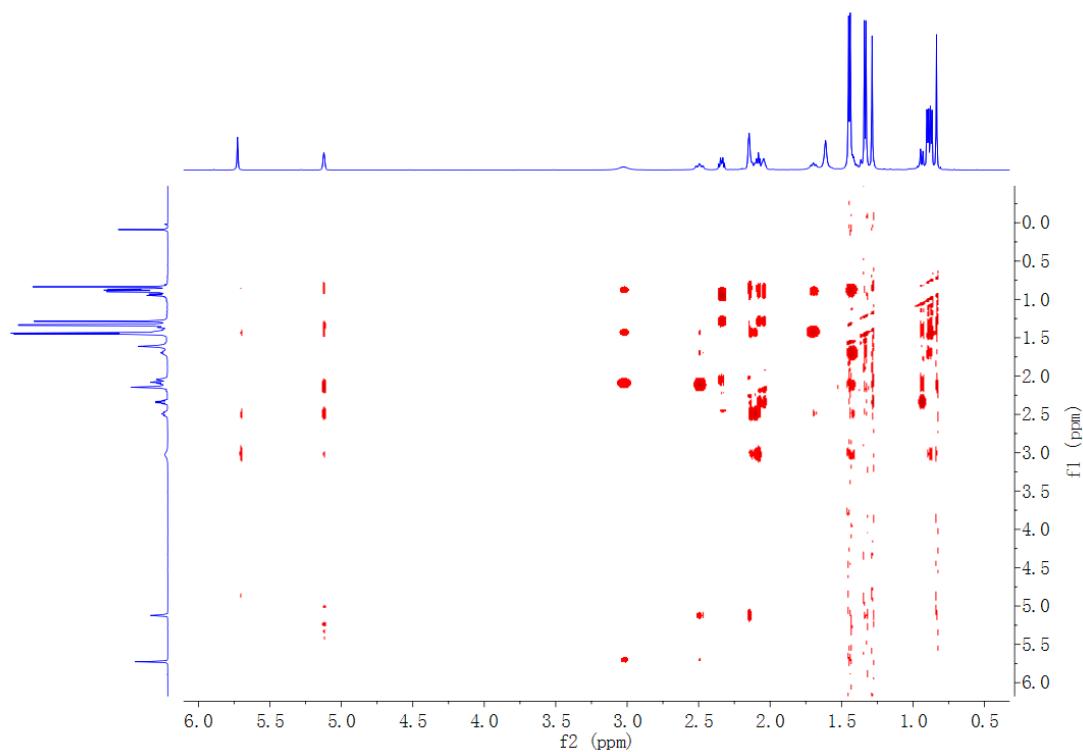


Figure S6. NOESY spectrum of **1**.

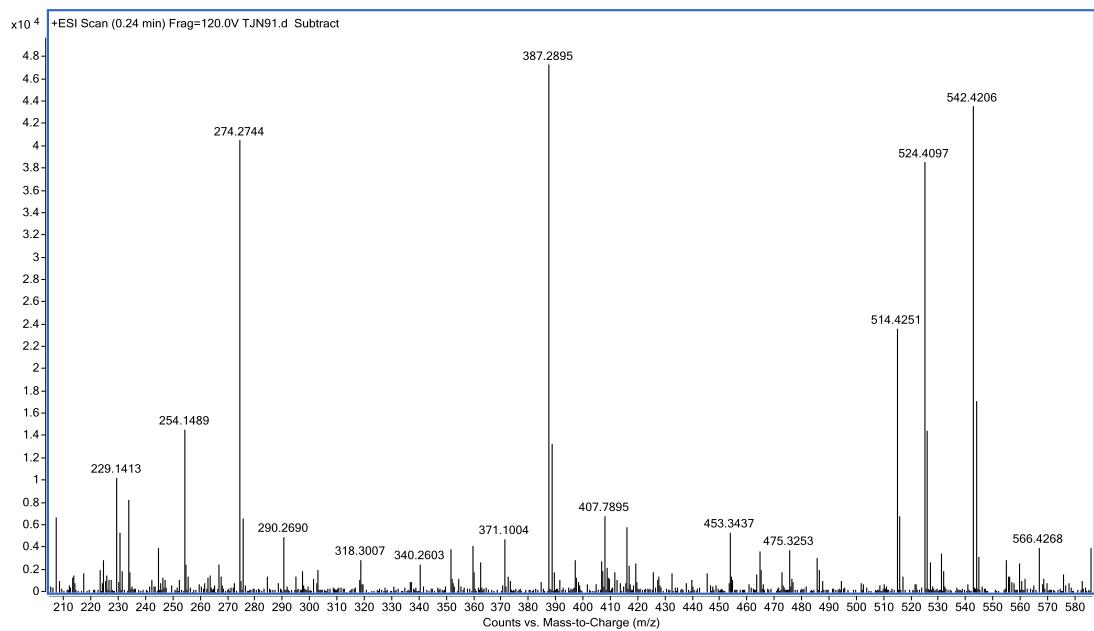


Figure S7. HRESIMS spectrum of **1**.

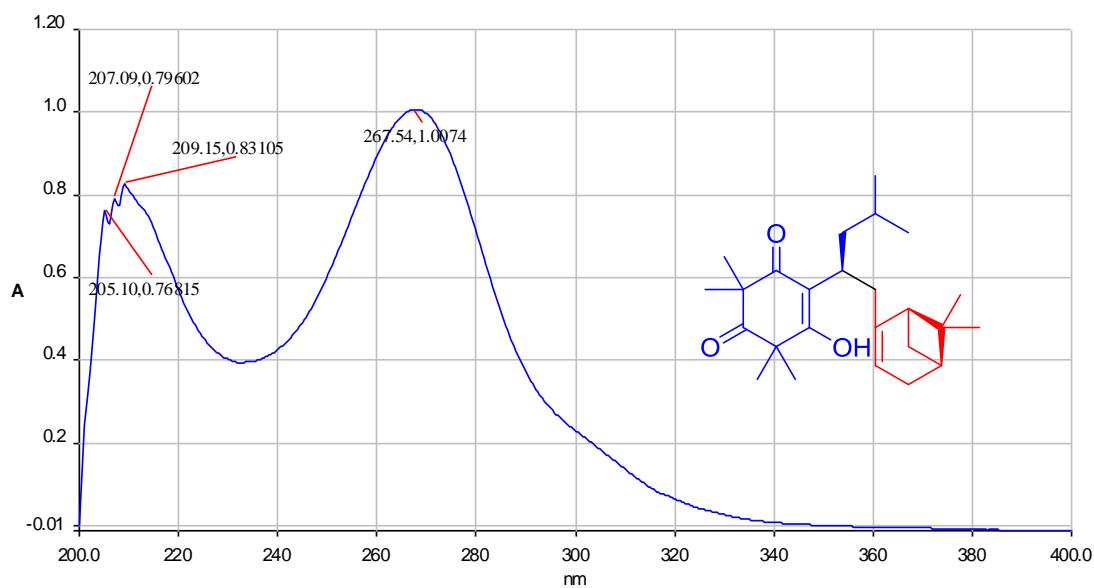


Figure S8. UV spectrum of **1**.

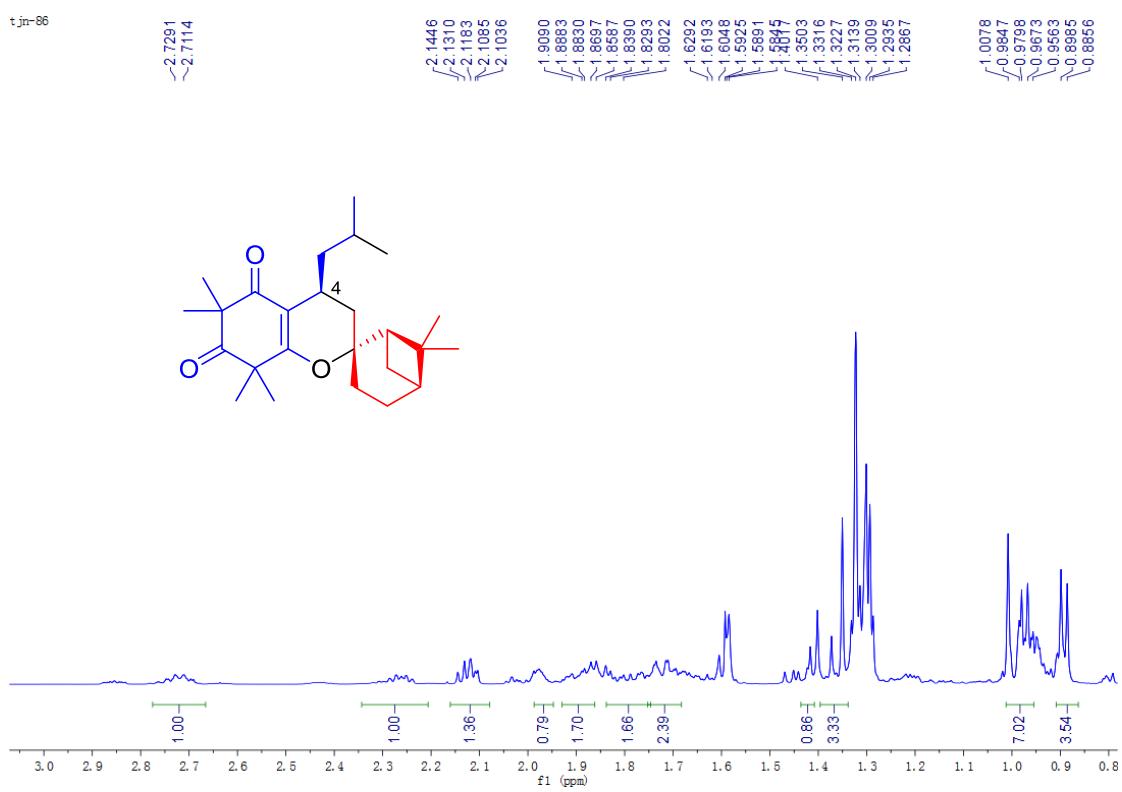


Figure S9. ^1H NMR spectrum (500 MHz, CDCl_3) of **2**.

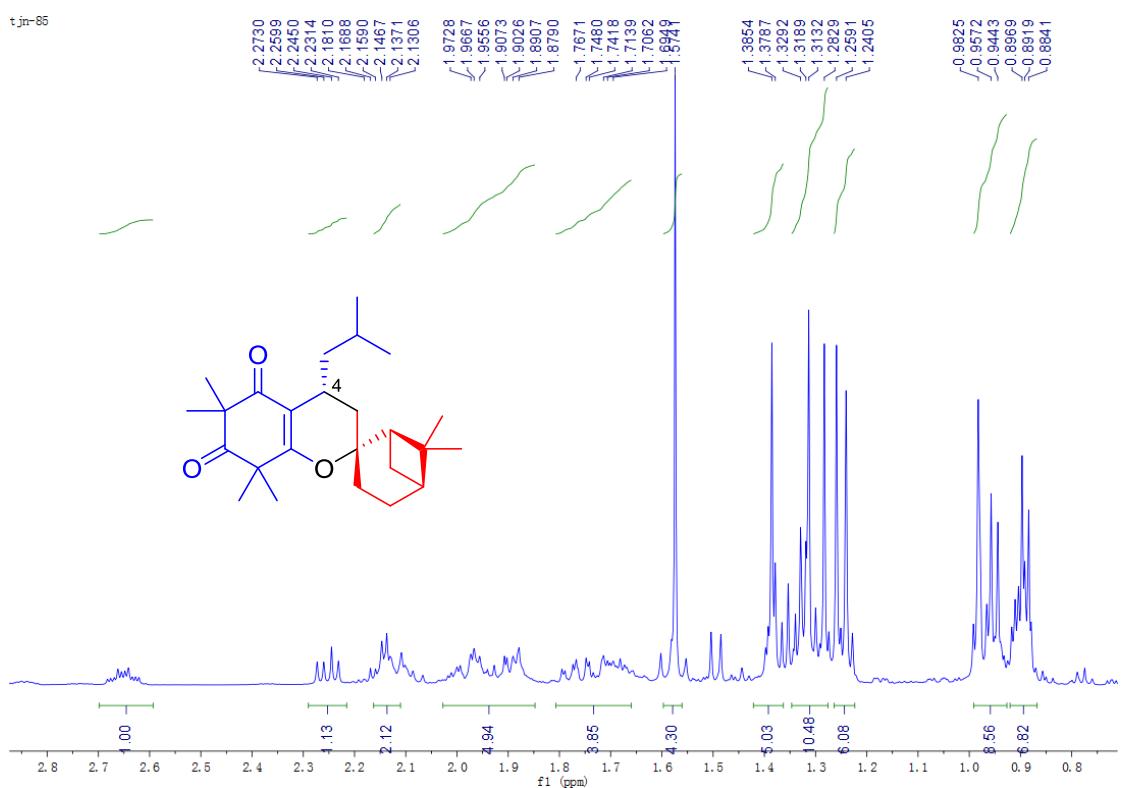


Figure S10. ^1H NMR spectrum (500 MHz, CDCl_3) of **3**.

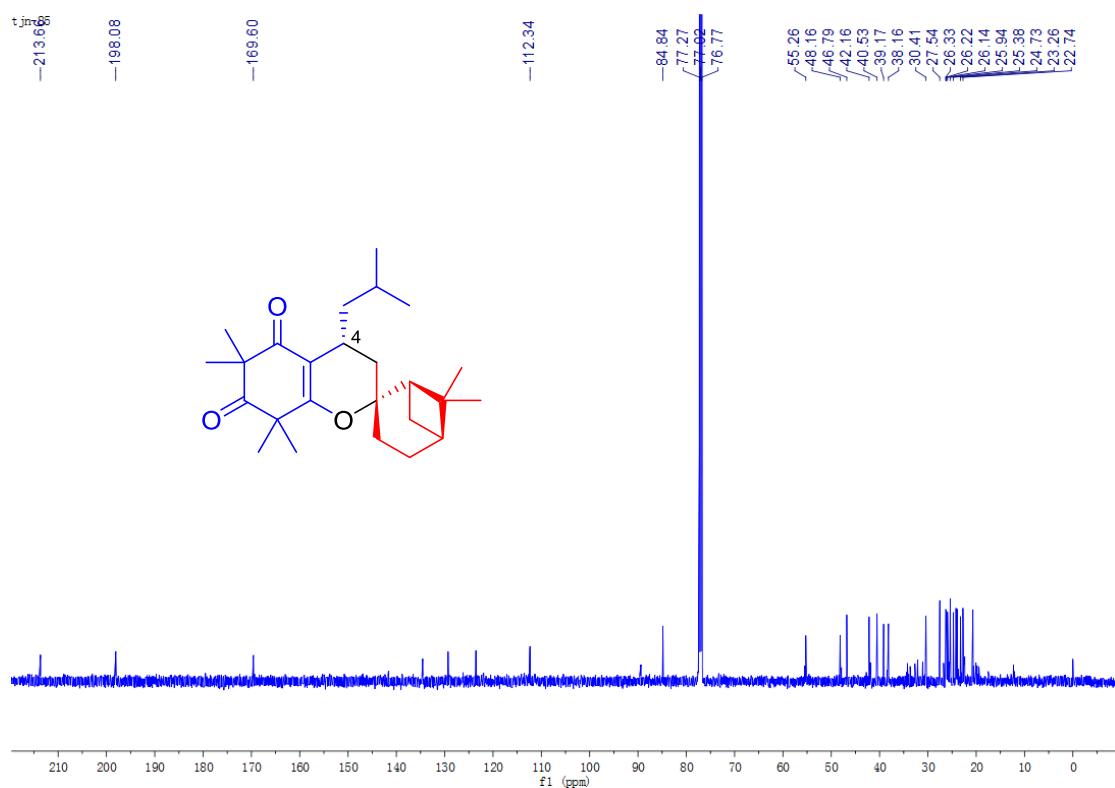


Figure S11. ^{13}C NMR spectrum (500 MHz, CDCl_3) of **3**.

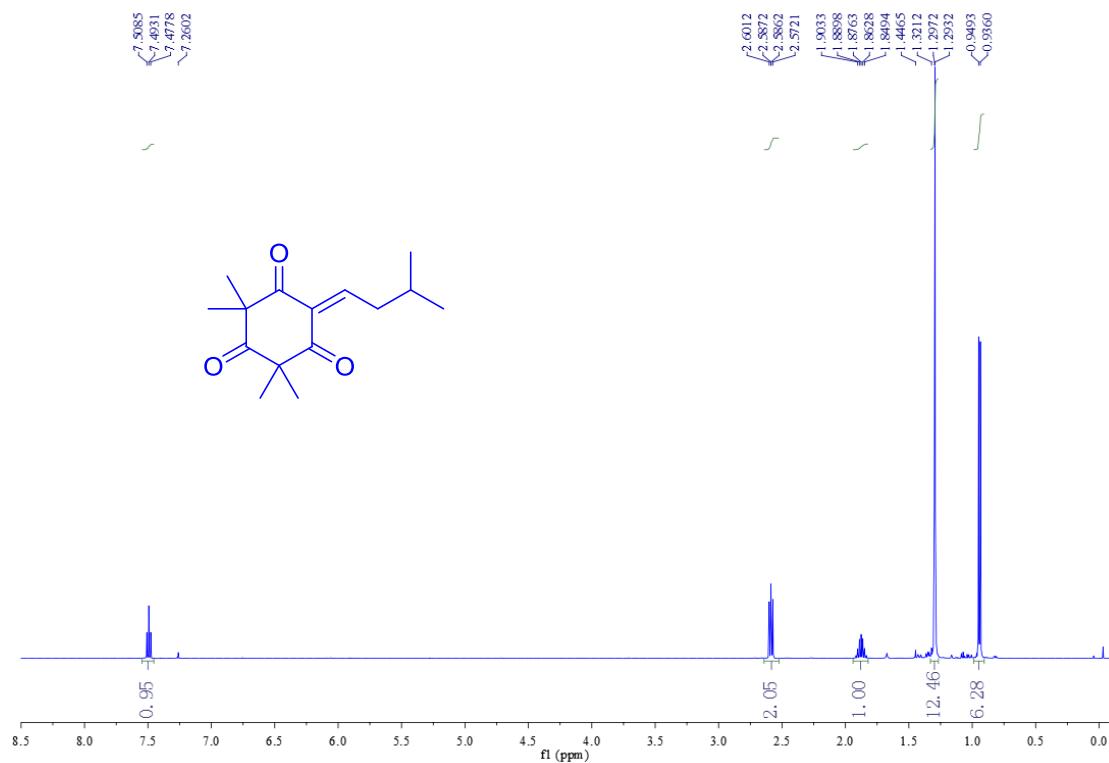


Figure 12. ^1H NMR spectrum (500 MHz, CDCl_3) of key intermediate **i**.

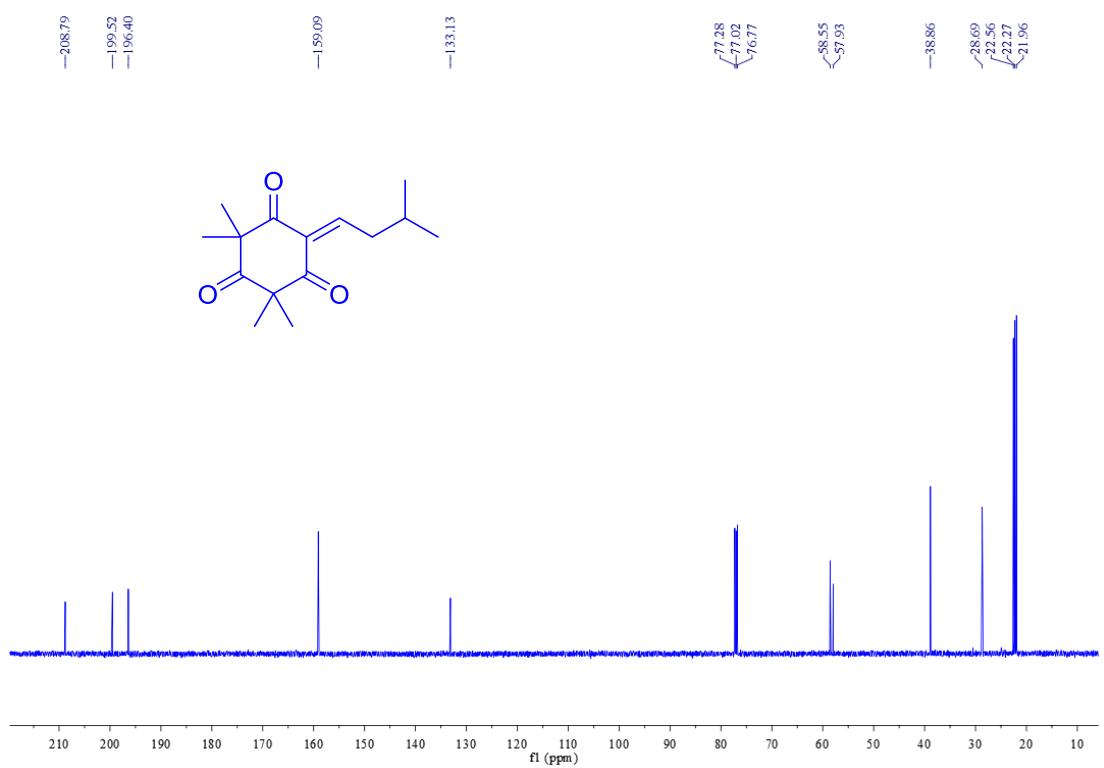


Figure 13. ^{13}C NMR spectrum (125 MHz, CDCl_3) of key intermediate **i**.

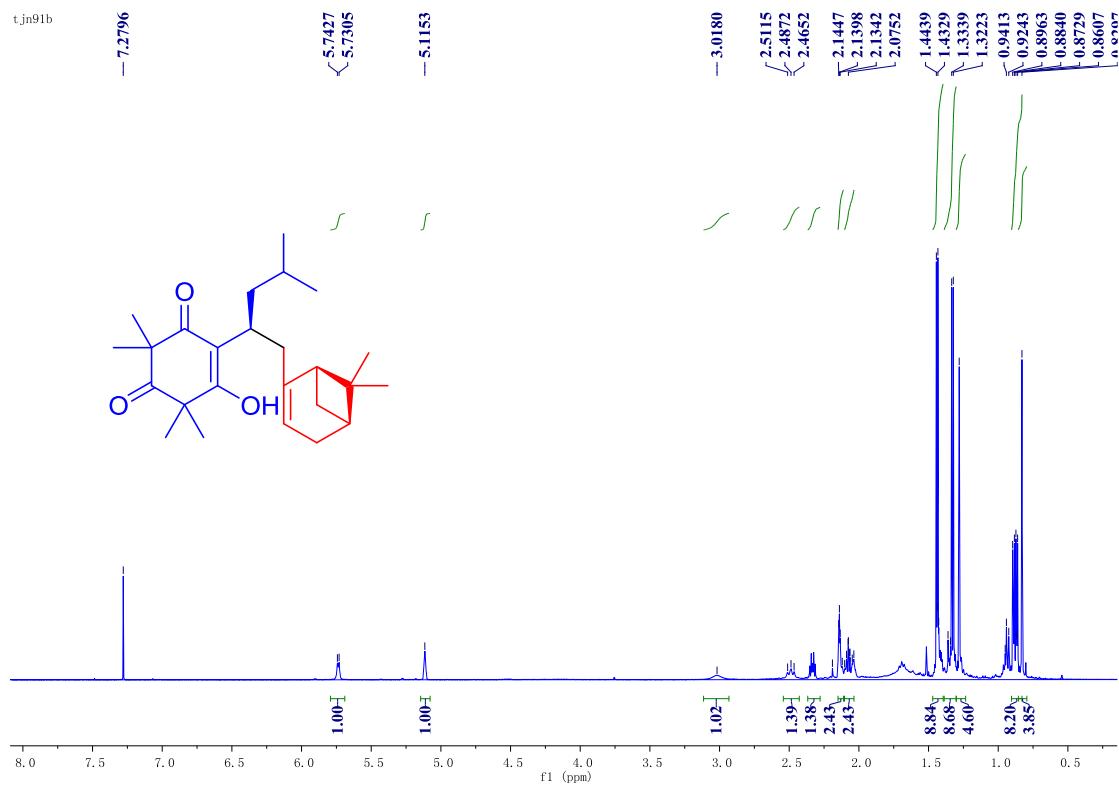


Figure S14. ^1H NMR spectrum (500 MHz, CDCl_3) of synthetic **1**.

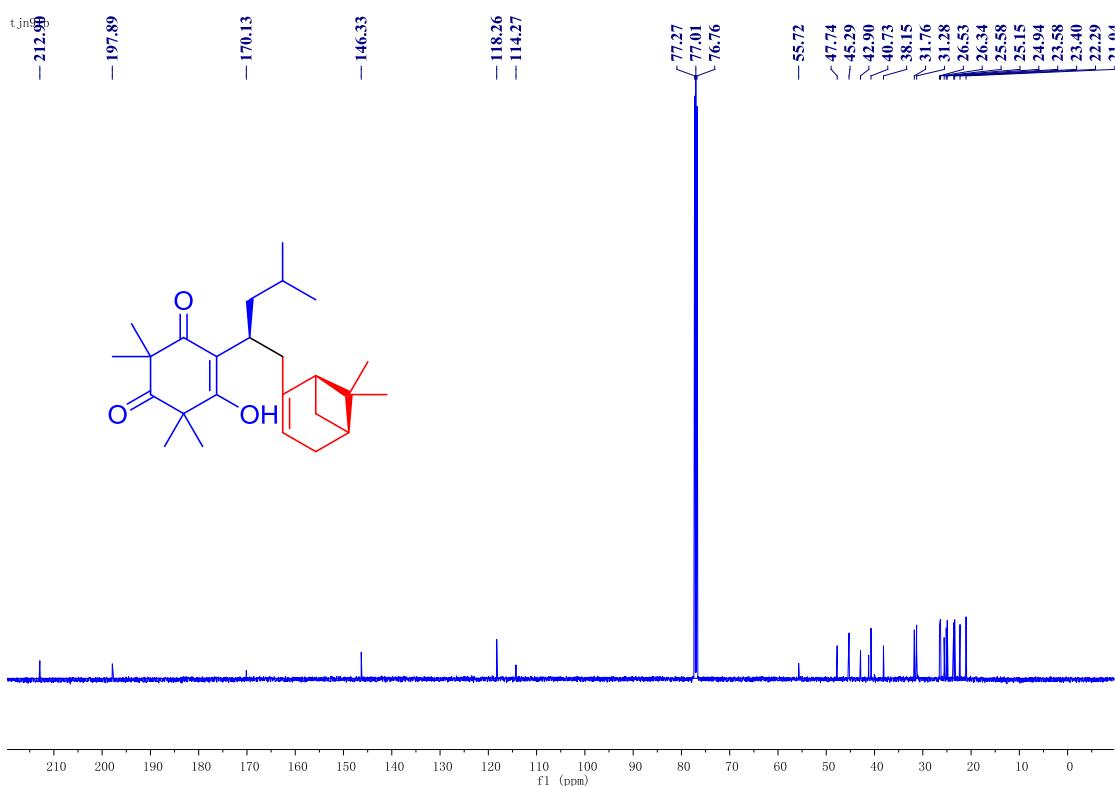


Figure S15. ^{13}C NMR spectrum (125 MHz, CDCl_3) of synthetic **1**.

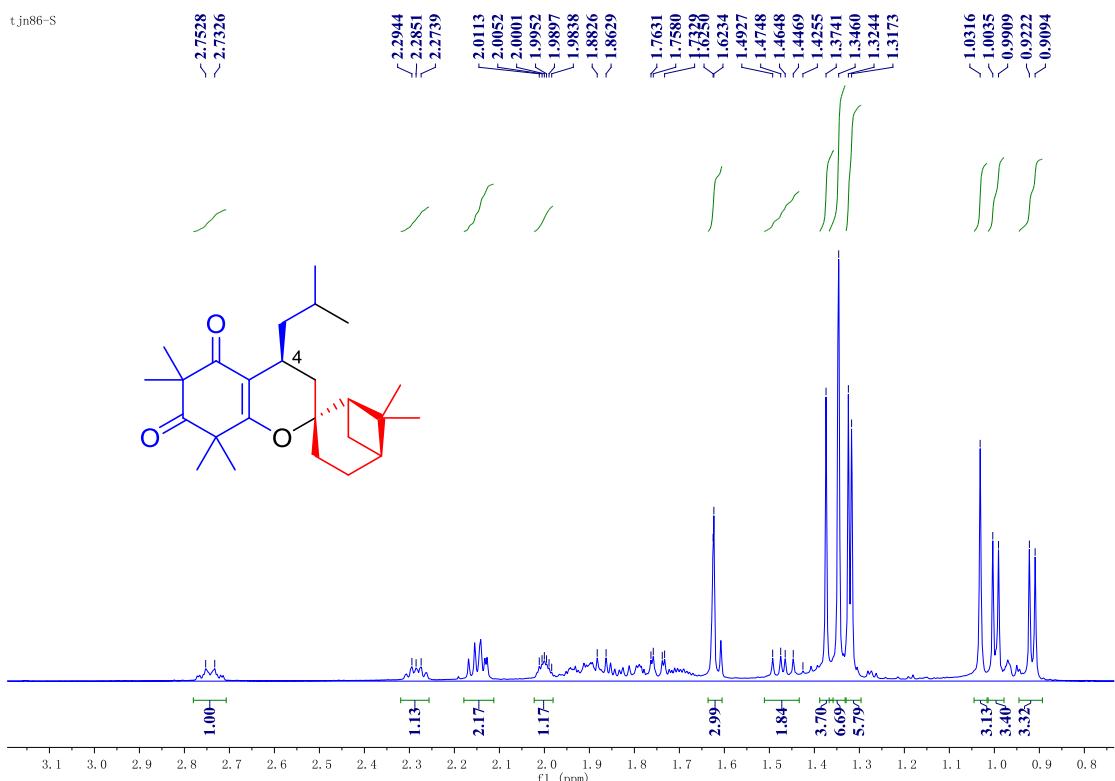


Figure S16. ^1H NMR spectrum (500 MHz, CDCl_3) of synthetic **2**.

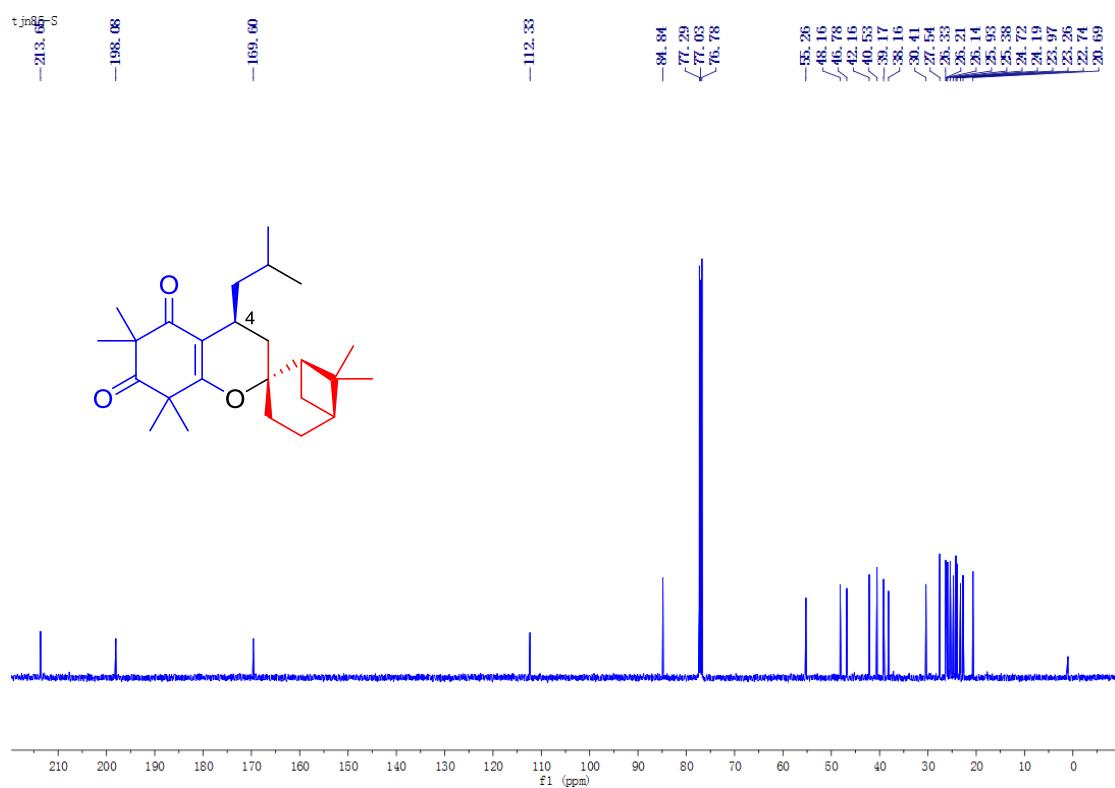


Figure S17. ^{13}C NMR spectrum (125 MHz, CDCl_3) of synthetic 2.

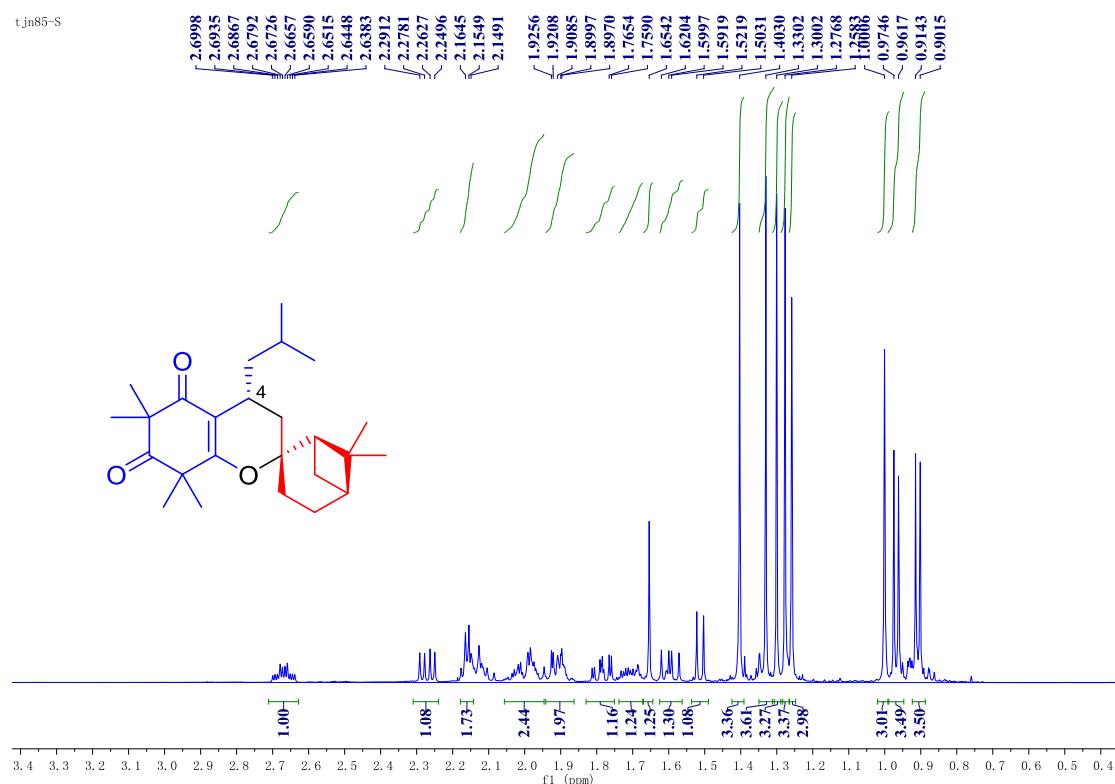


Figure S18. ^1H NMR spectrum (500 MHz, CDCl_3) of synthetic 3.

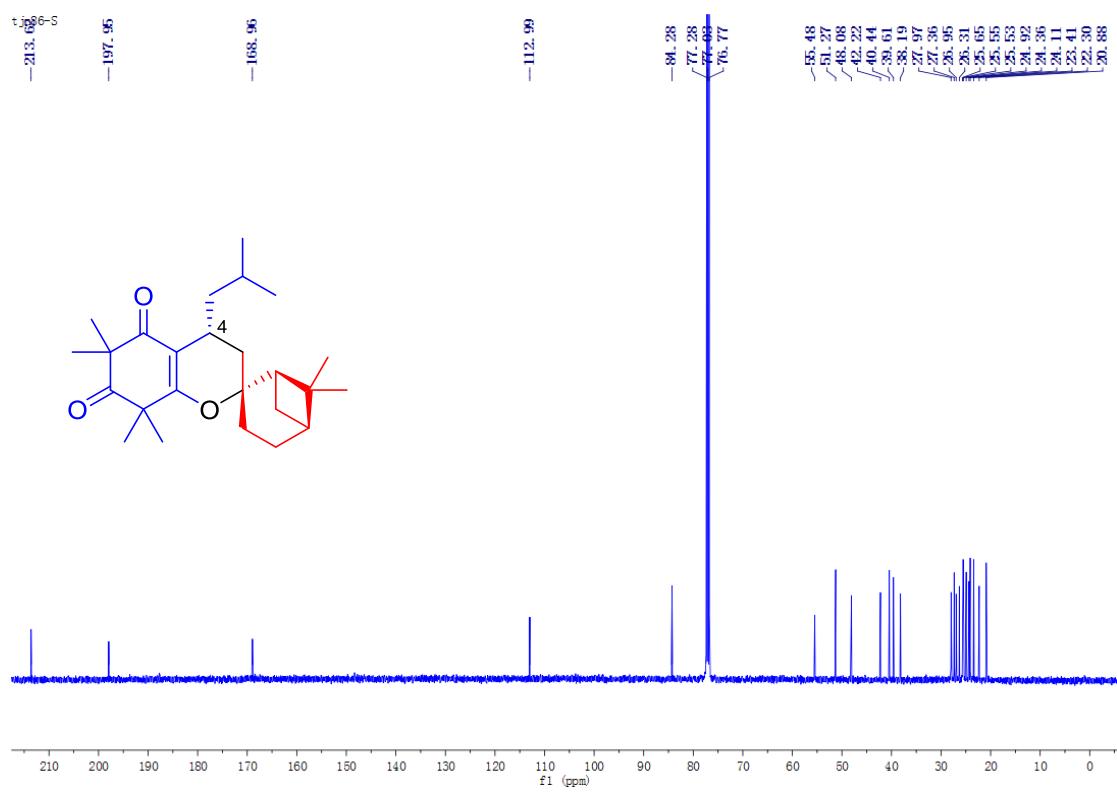


Figure S19. ¹³C NMR spectrum (125 MHz, CDCl₃) of synthetic **3**.