

Supplementary Material

Isolation and Characterization of Two New Metabolites from the Sponge-Derived Fungus *Aspergillus* sp. LS34 by OSMAC Approach

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Figure S1. IR spectrum of compound 1

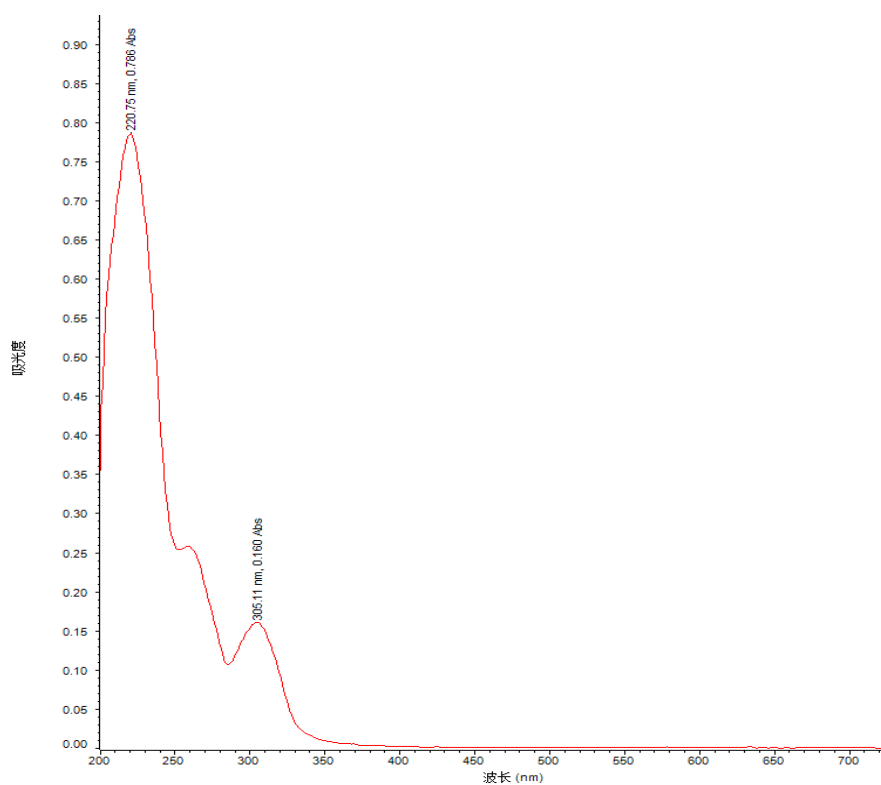


Figure S2. UV spectrum of compound 1

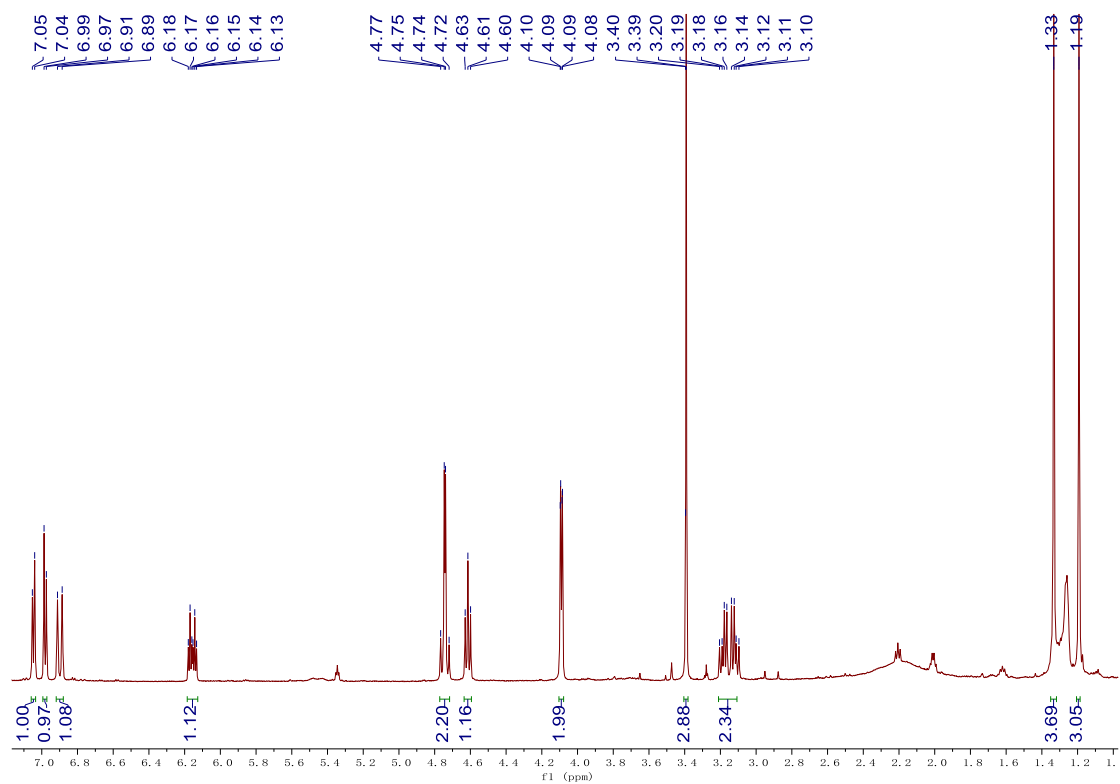


Figure S3. ¹H NMR spectrum of compound **1** in CDCl₃ (600 MHz)

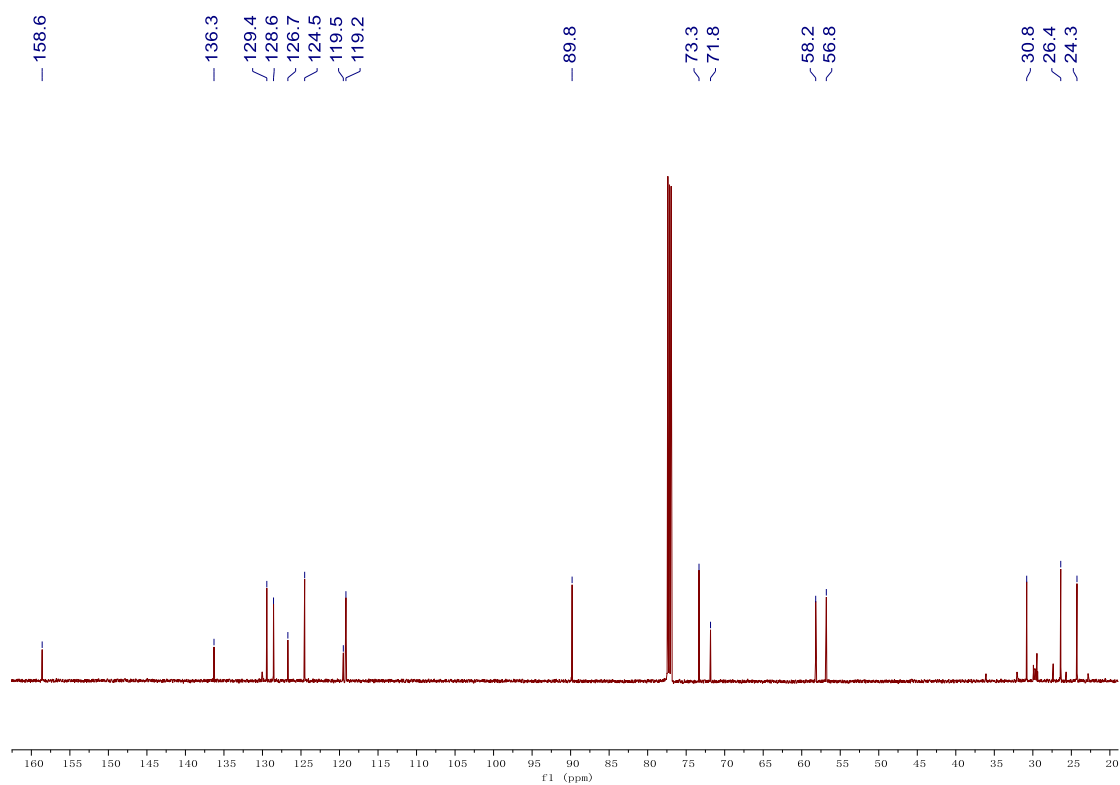


Figure S4. ¹³C NMR spectrum of compound **1** in CDCl₃ (150 MHz)

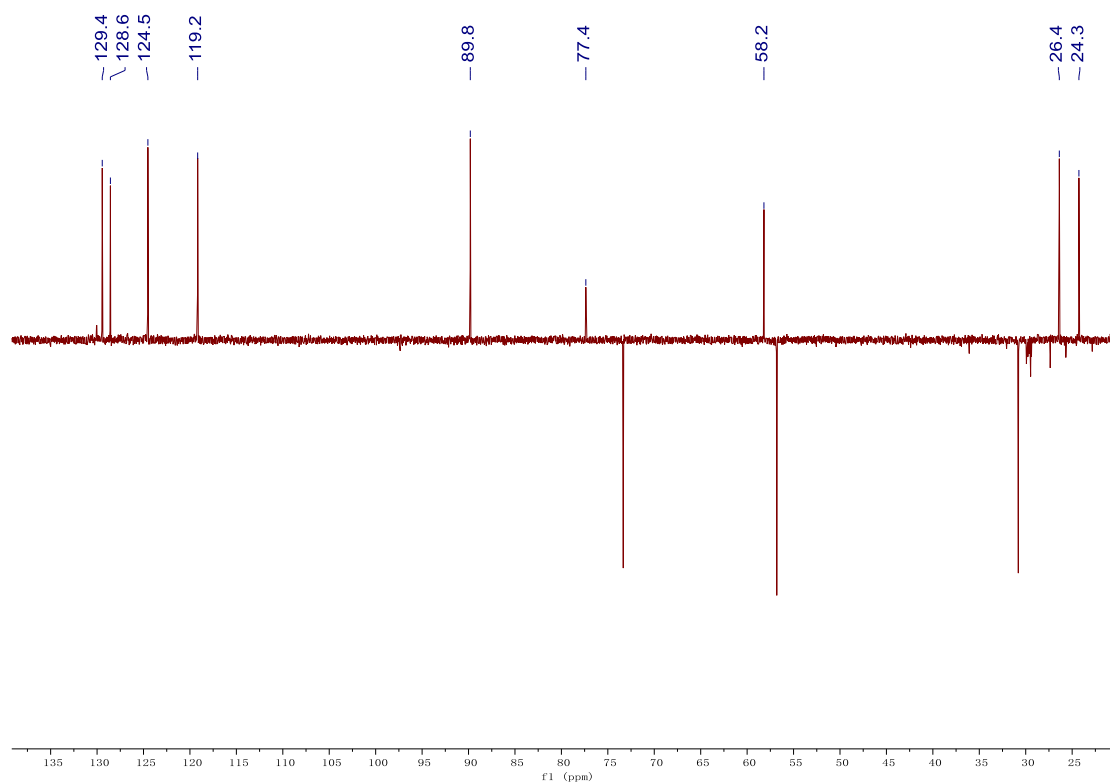


Figure S5. DEPT spectrum of compound 1 in CDCl₃

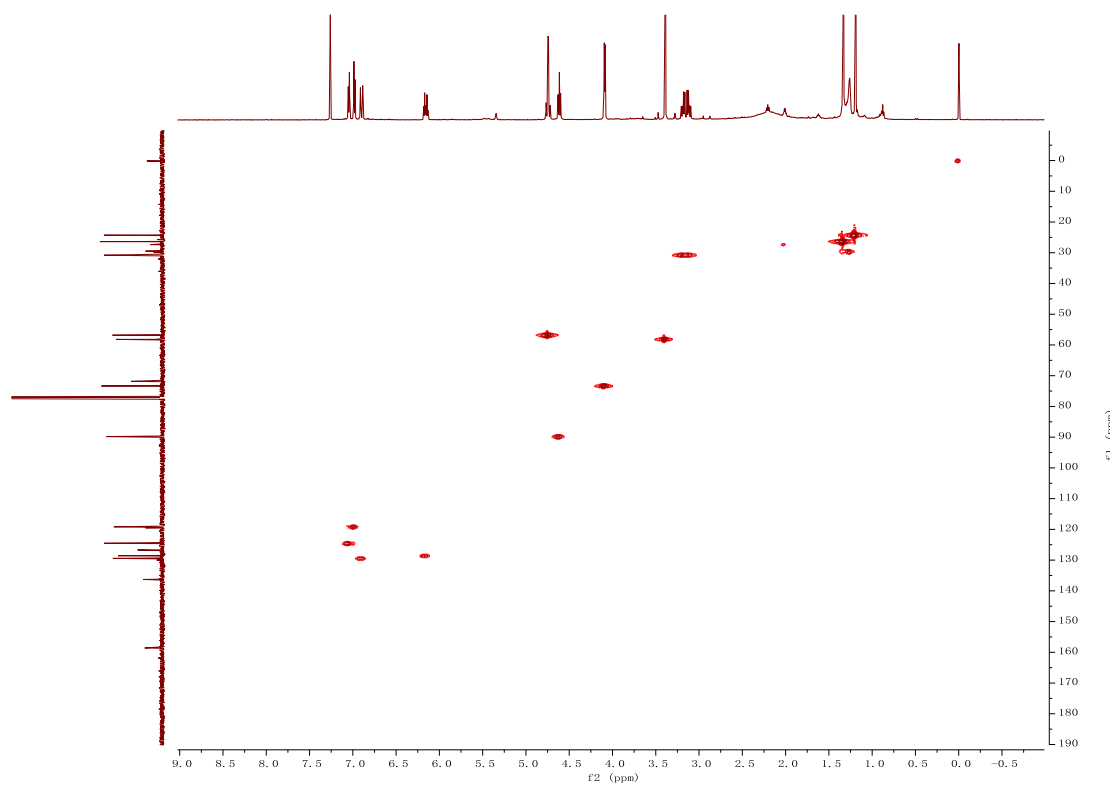


Figure S6. HSQC spectrum of compound 1 in CDCl₃

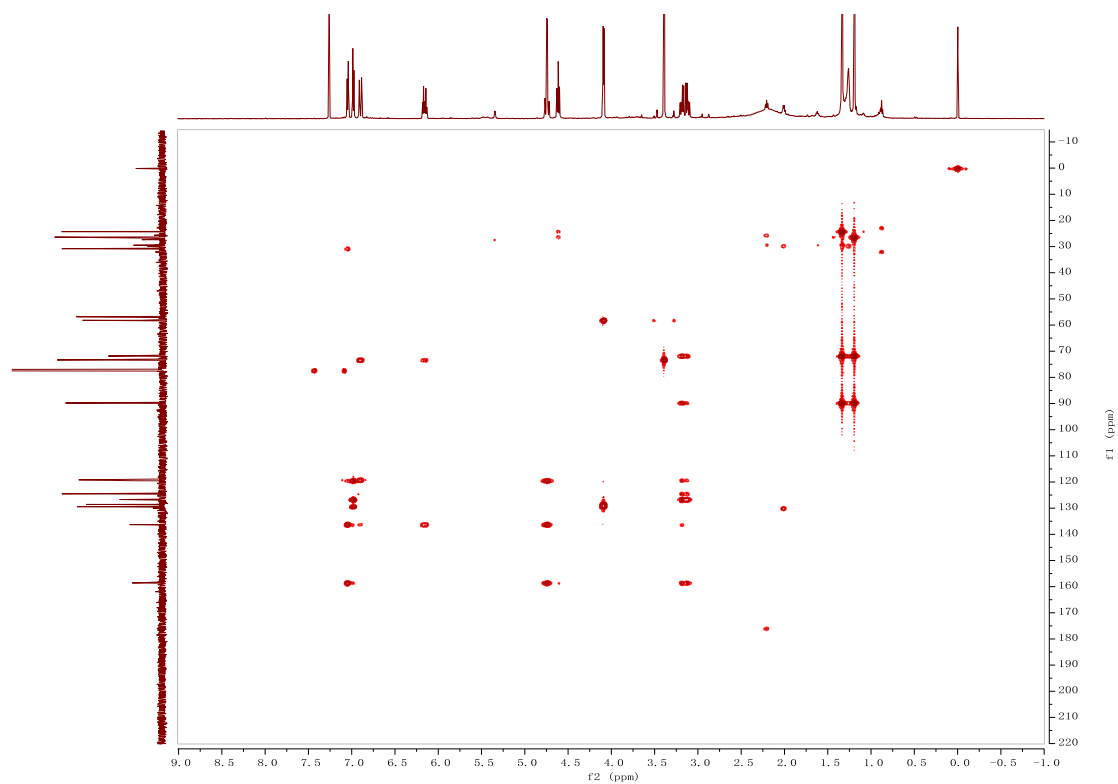


Figure S7. HMBC spectrum of compound **1** in CDCl₃

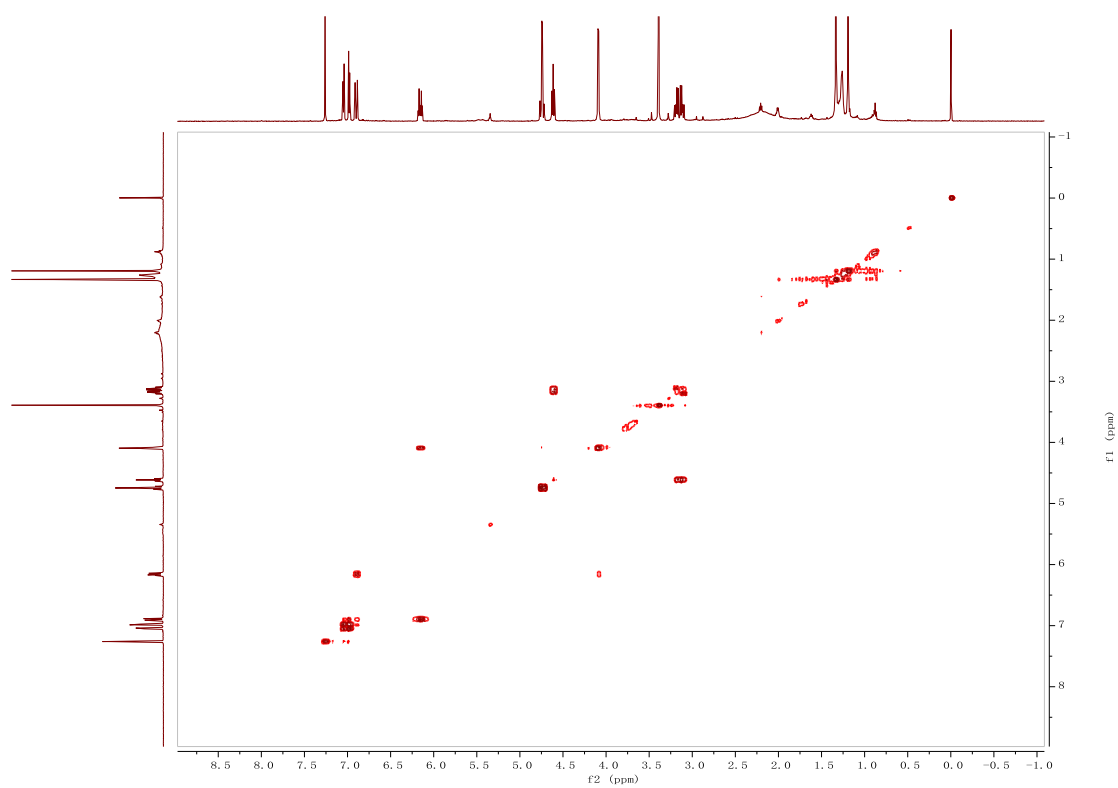
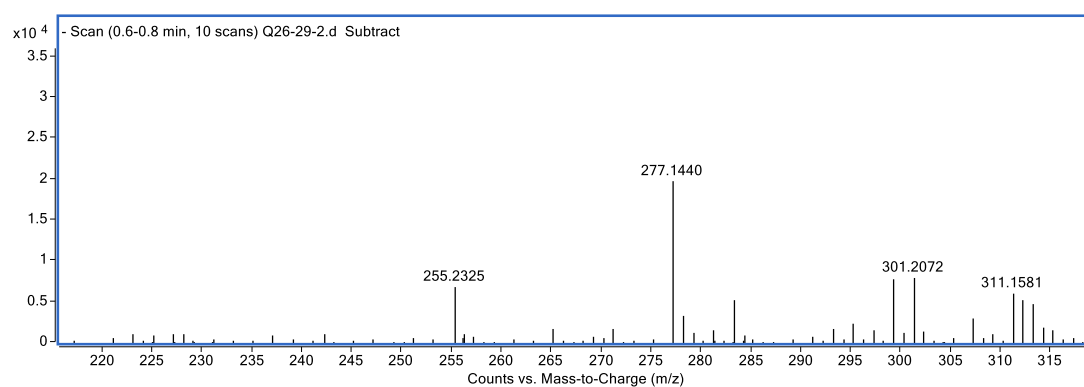


Figure S8. COSY spectrum of compound **1** in CDCl₃



Formula (M)	Ion Formula	m/z	Calc m/z	Diff (ppm)	DBE
C ₁₆ H ₂₂ O ₄	C ₁₆ H ₂₁ O ₄	277.144	277.1445	1.92	6

Figure S9. HRESIMS of compound 1

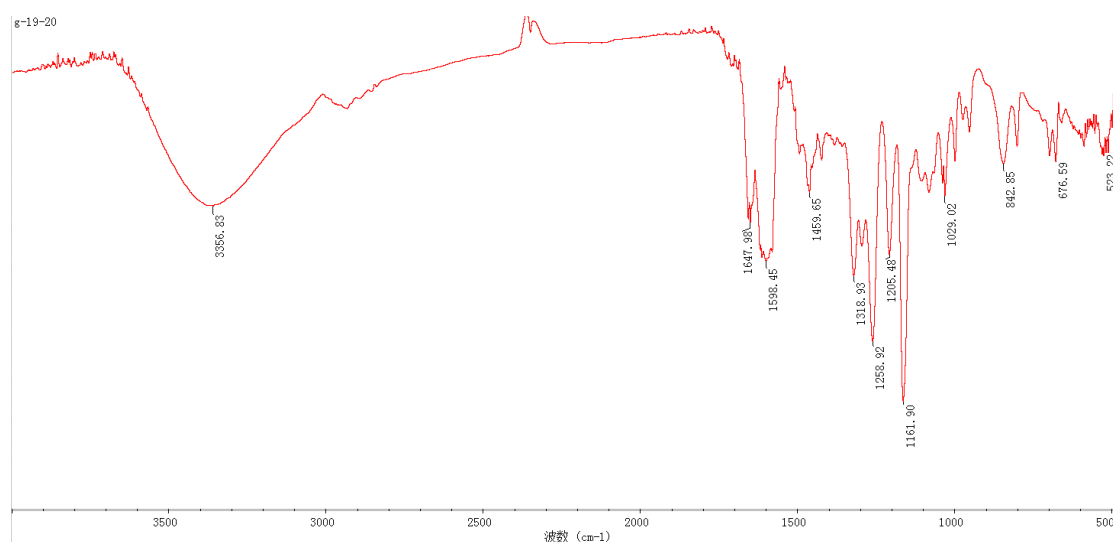


Figure S10. IR spectrum of compound 2

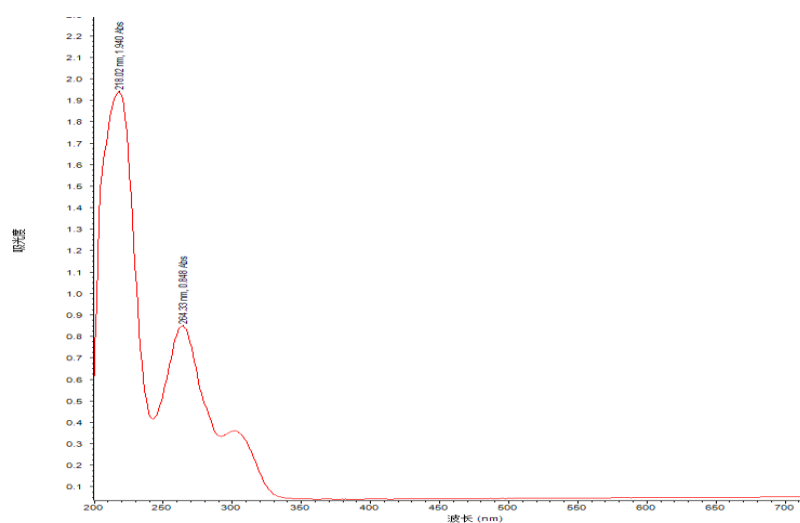


Figure S11. UV spectrum of compound 2

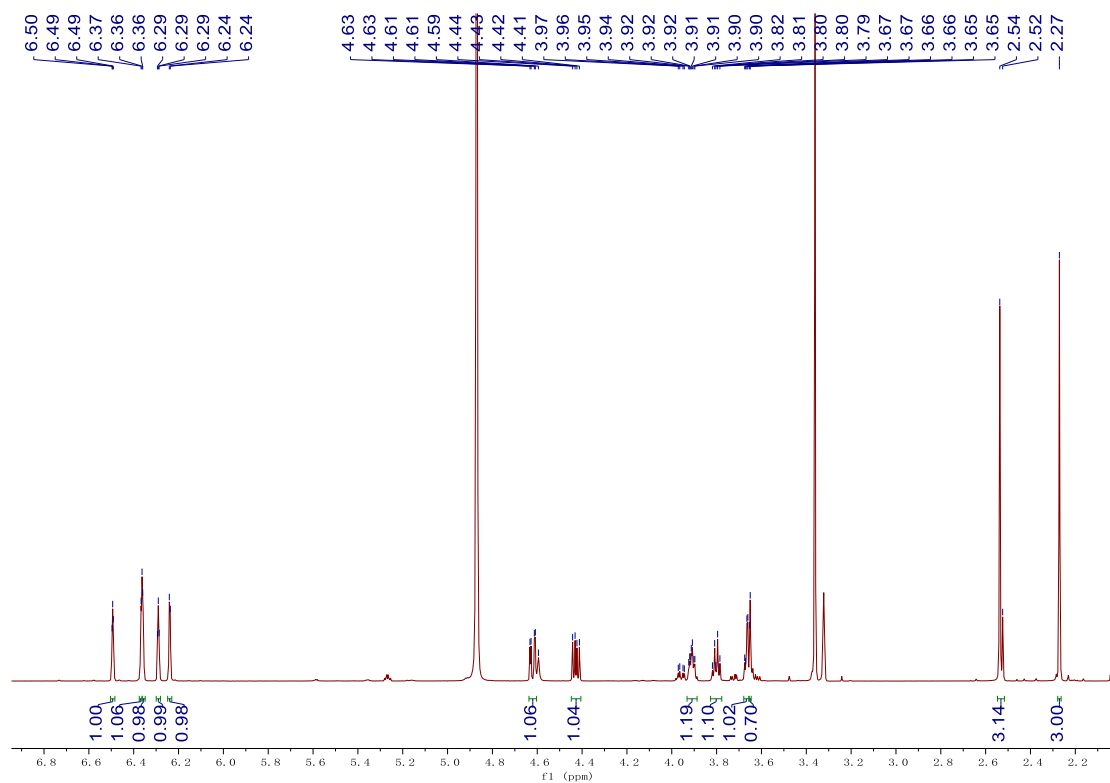


Figure S12. ¹H NMR spectrum of compound **2** in CD₃OD (600 MHz)

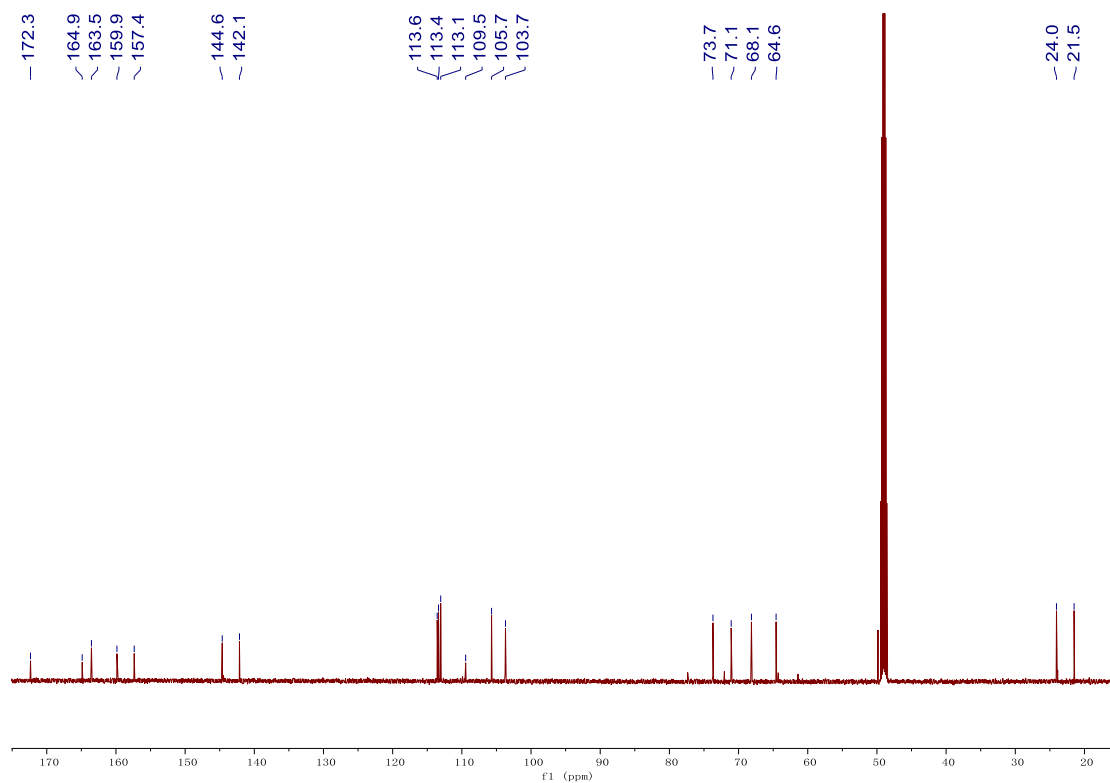


Figure S13. ¹³C NMR spectrum of compound **2** in CD₃OD (150 MHz)

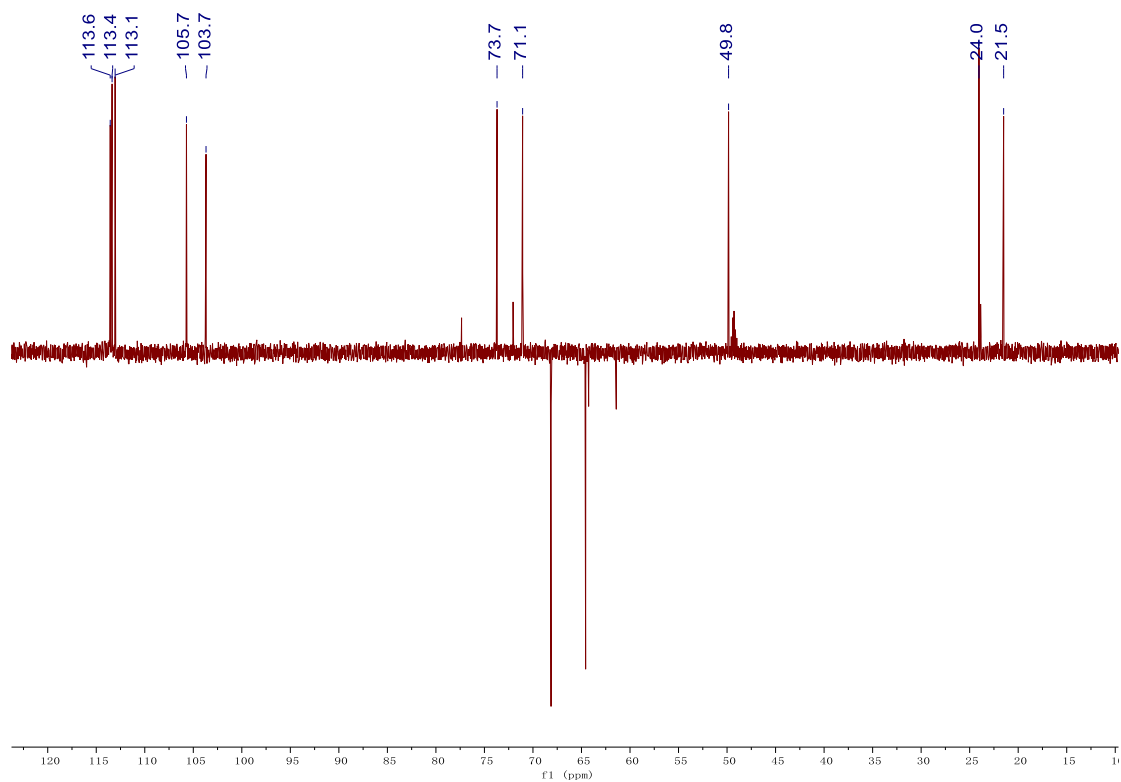


Figure S14. DEPT 135 spectrum of compound **2** in CD₃OD

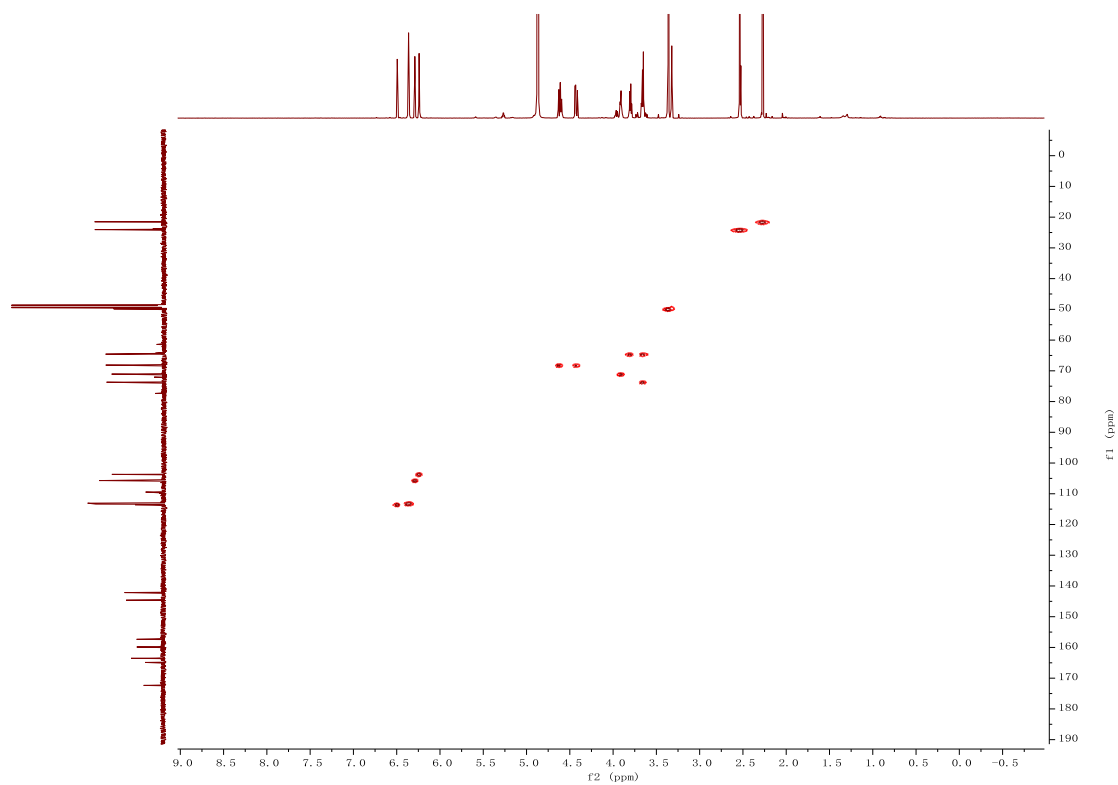


Figure S15. HSQC spectrum of compound **2** in CD₃OD

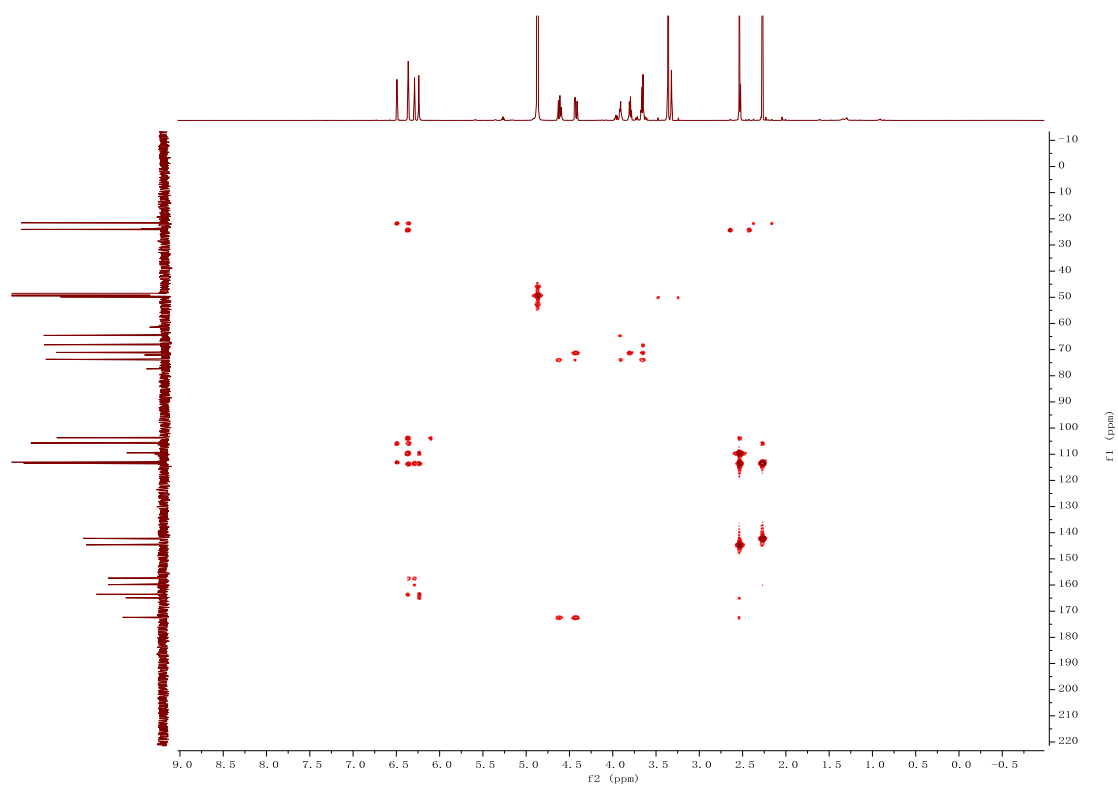


Figure S16. HMBC spectrum of compound **2** in CD₃OD

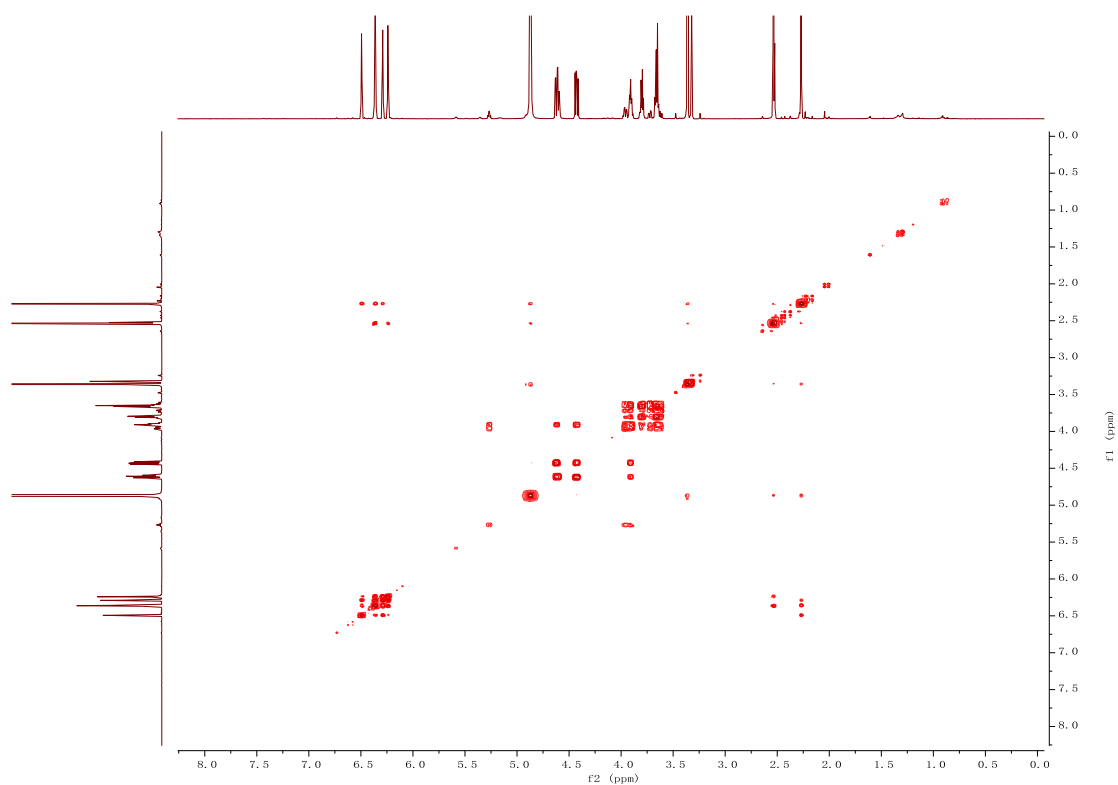


Figure S17. COSY spectrum of compound **2** in CD₃OD

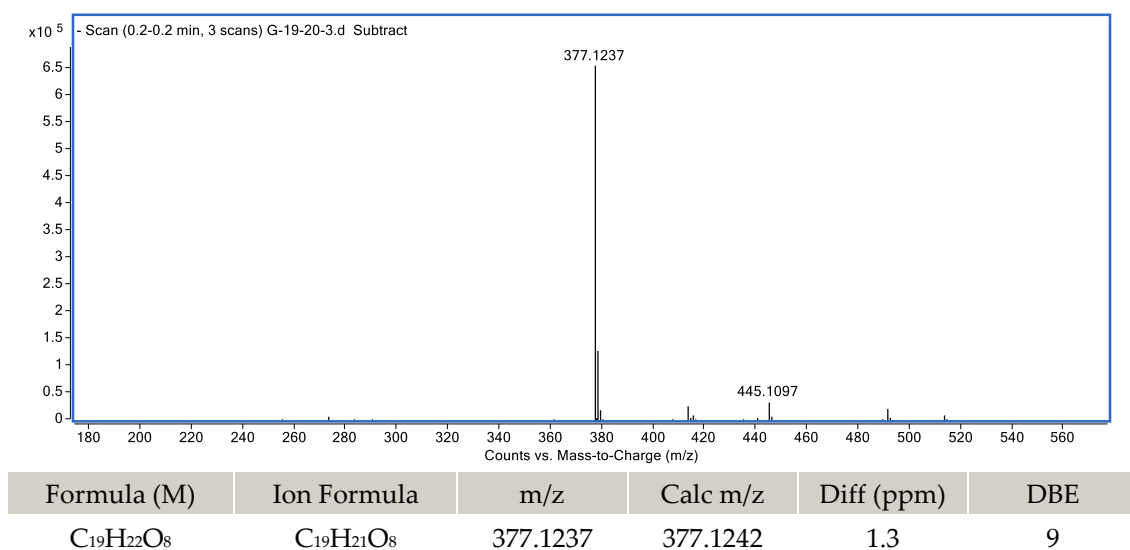


Figure S18. HRESIMS of compound **2**

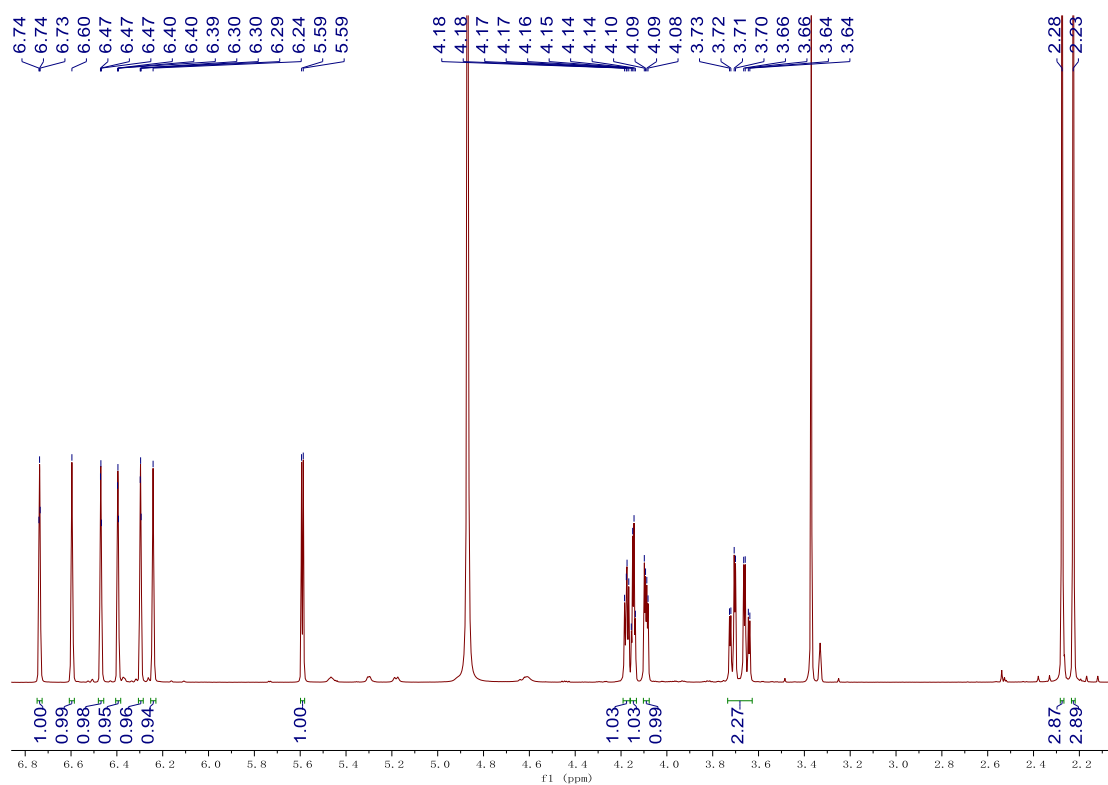


Figure S19. ¹H NMR spectrum of compound **3** in CD₃OD (600 MHz)

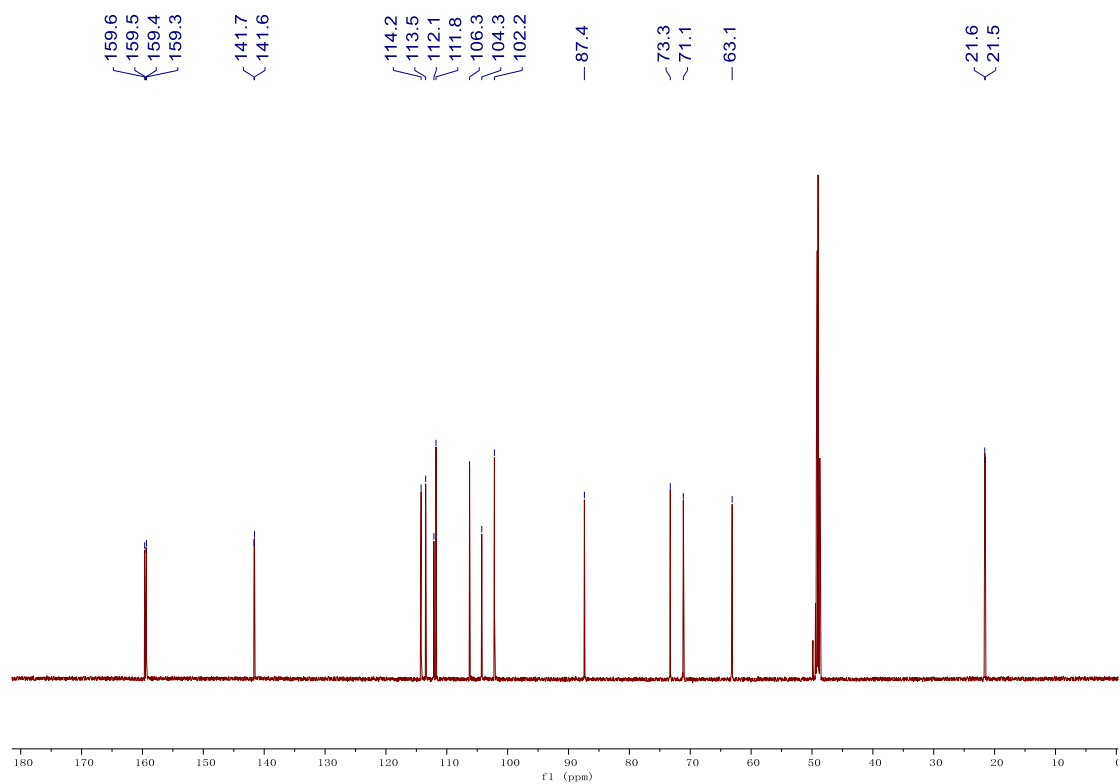


Figure S20. ¹³C NMR spectrum of compound **3** in CD₃OD (600 MHz)

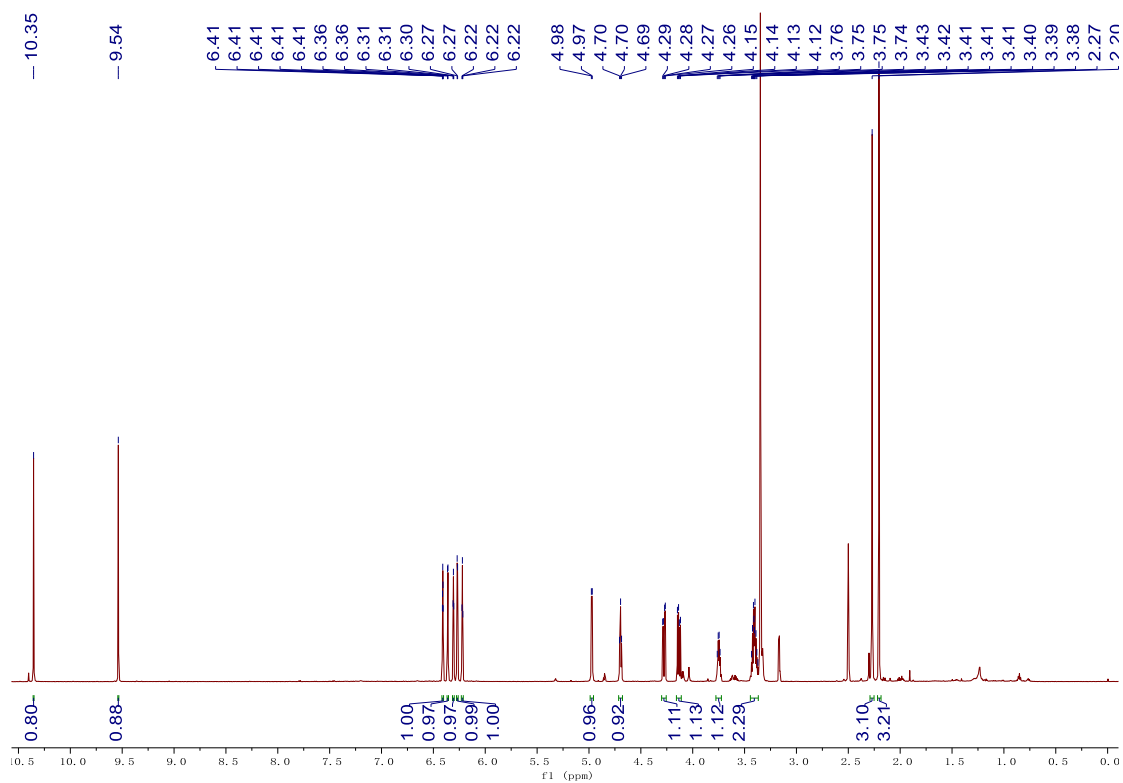


Figure S21. ¹H NMR spectrum of compound **4** in DMSO-*d*₆ (600 MHz)

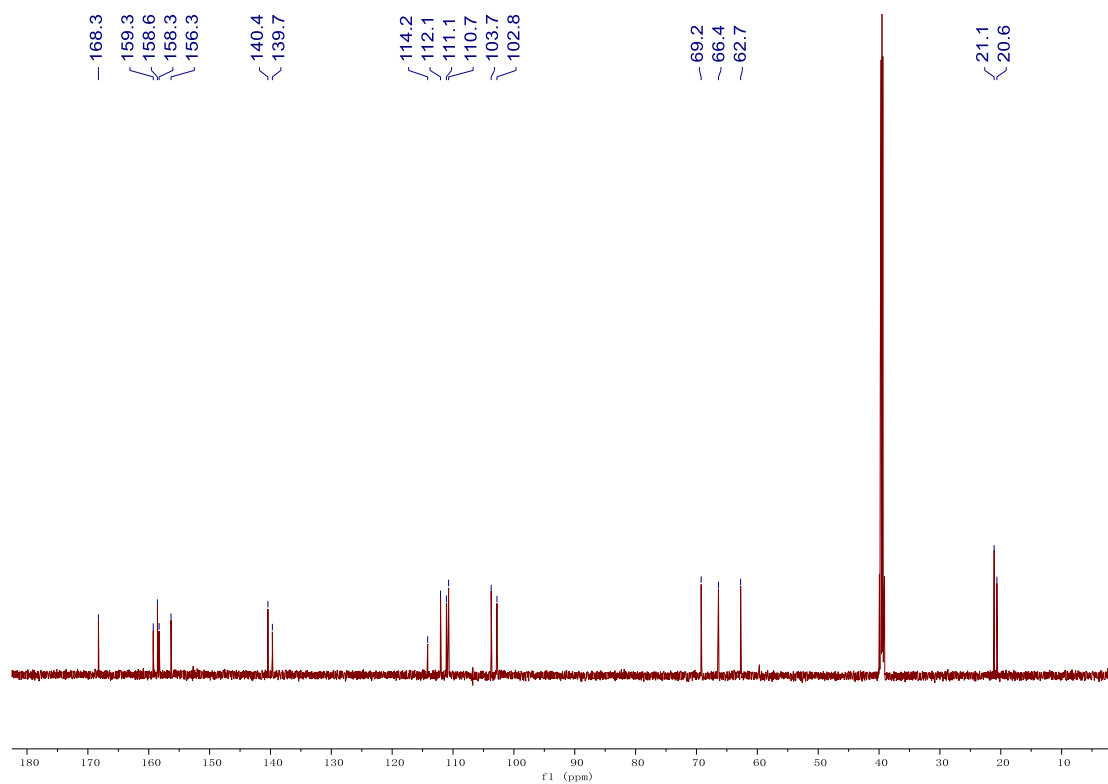


Figure S22. ^{13}C NMR spectrum of compound **4** in $\text{DMSO-}d_6$ (600 MHz)

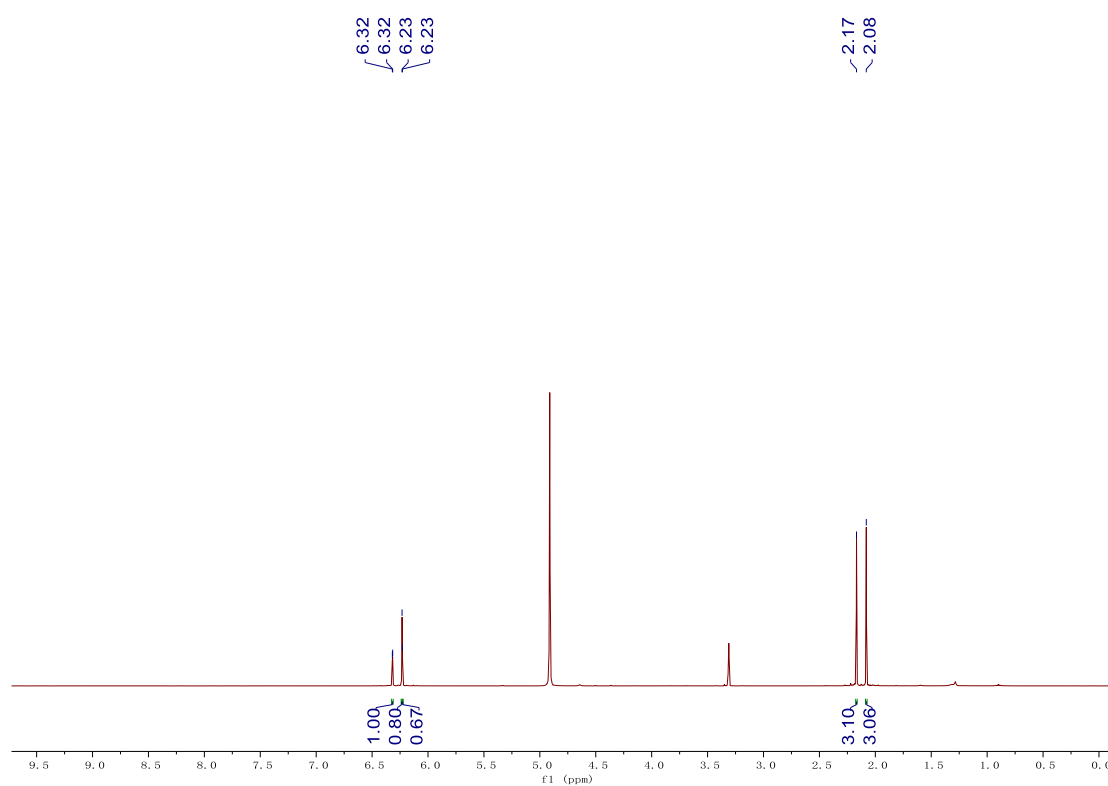


Figure S23. ^1H NMR spectrum of compound **5** in CD_3OD (600 MHz)

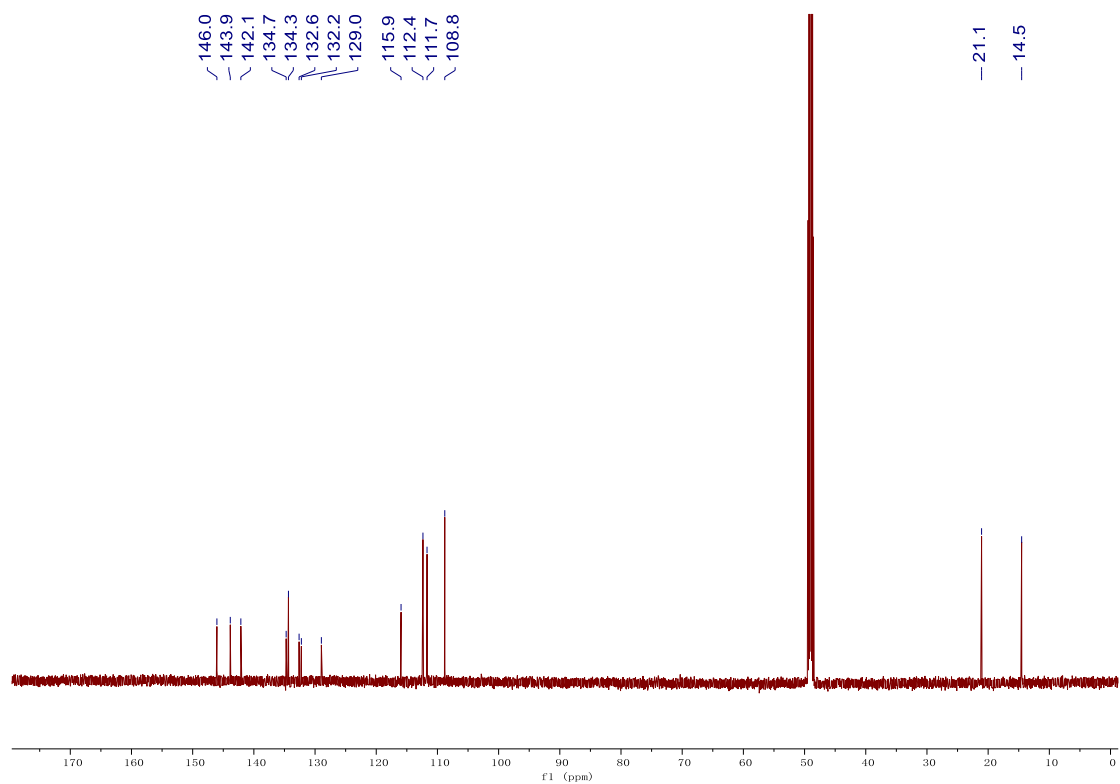


Figure S24. ¹³C NMR spectrum of compound 5 in CD₃OD (600 MHz)

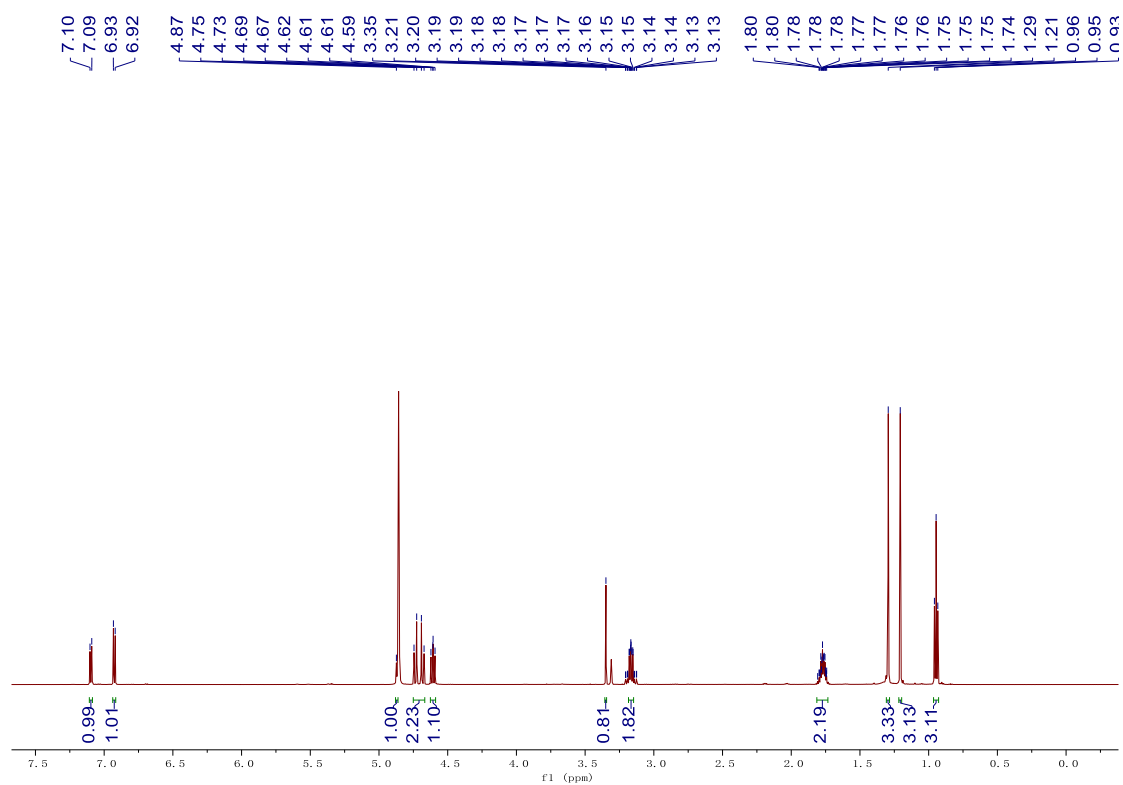


Figure S25. ¹H NMR spectrum of compound 6 in CD₃OD (600 MHz)

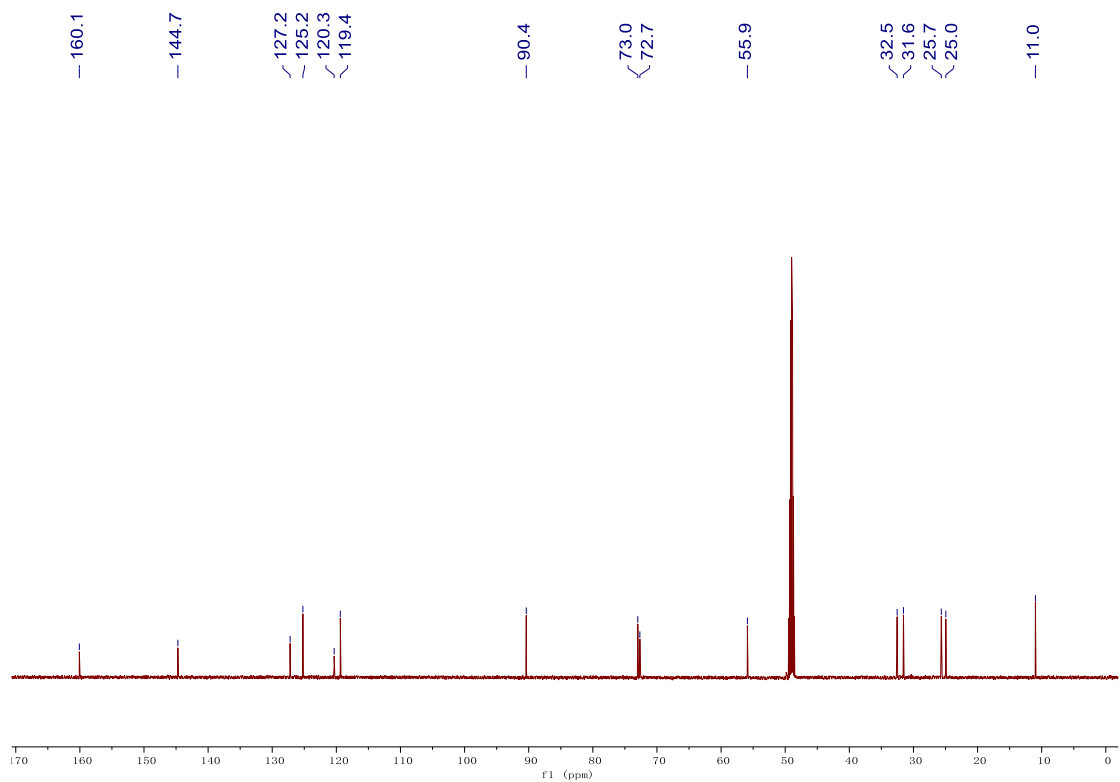


Figure S26. ¹³C NMR spectrum of compound **6** in CD₃OD (600 MHz)

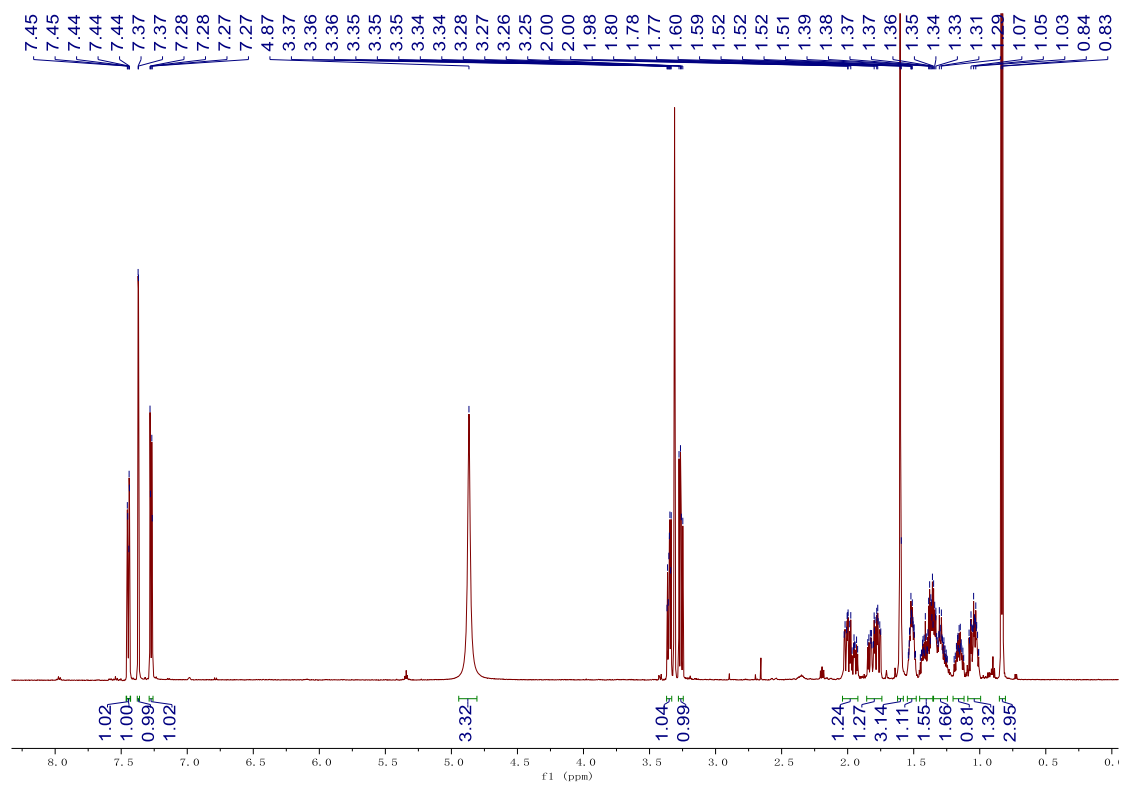


Figure S27. ¹H NMR spectrum of compound **7** in CD₃OD (600 MHz)

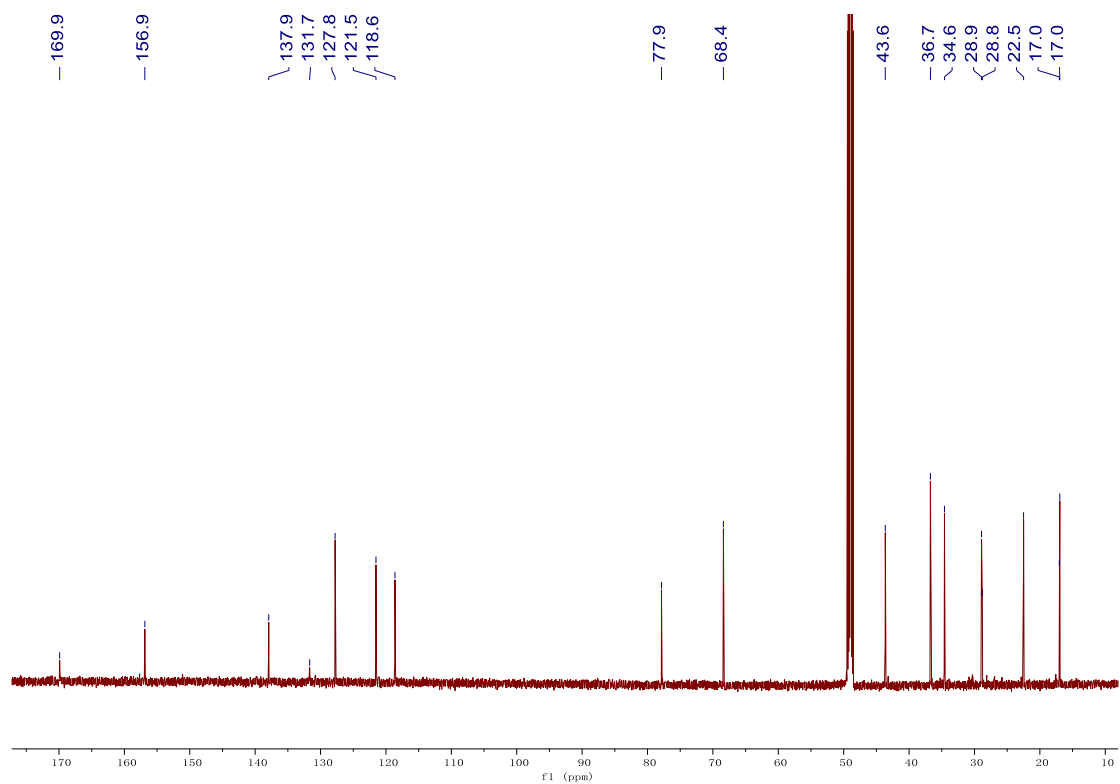


Figure S28. ^{13}C NMR spectrum of compound **7** in CD_3OD (600 MHz)

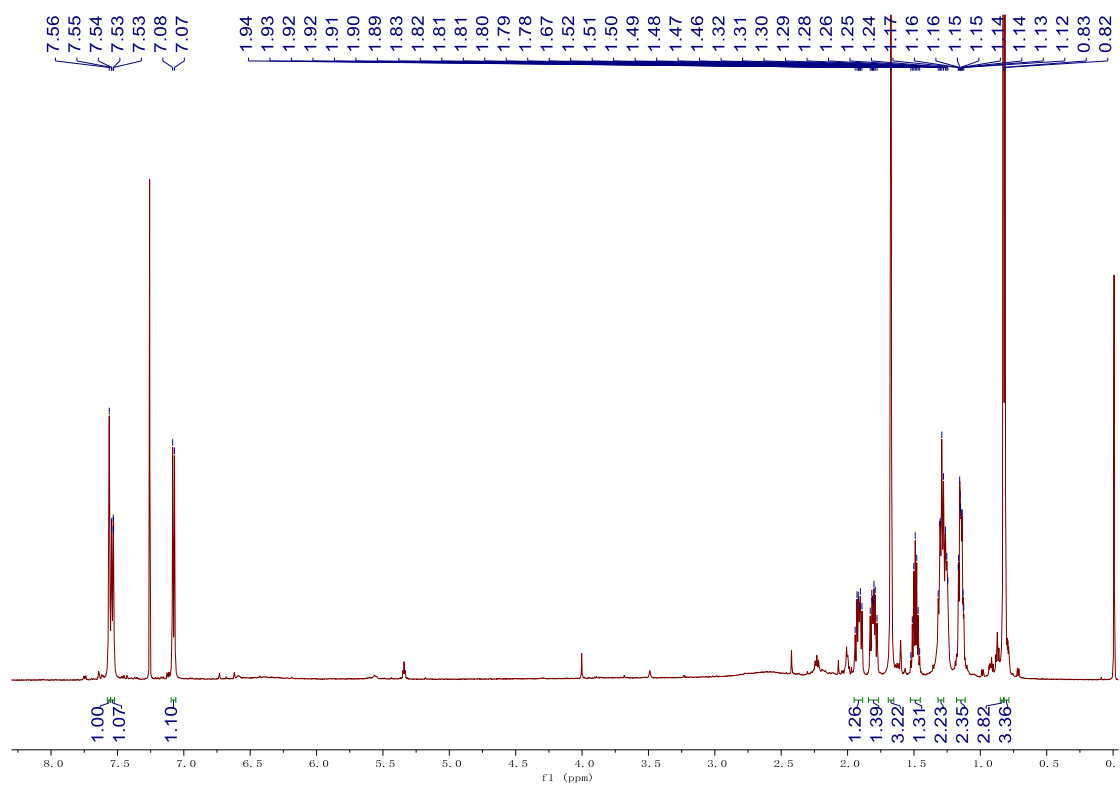


Figure S29. ^1H NMR spectrum of compound **8** in CDCl_3 (600 MHz)

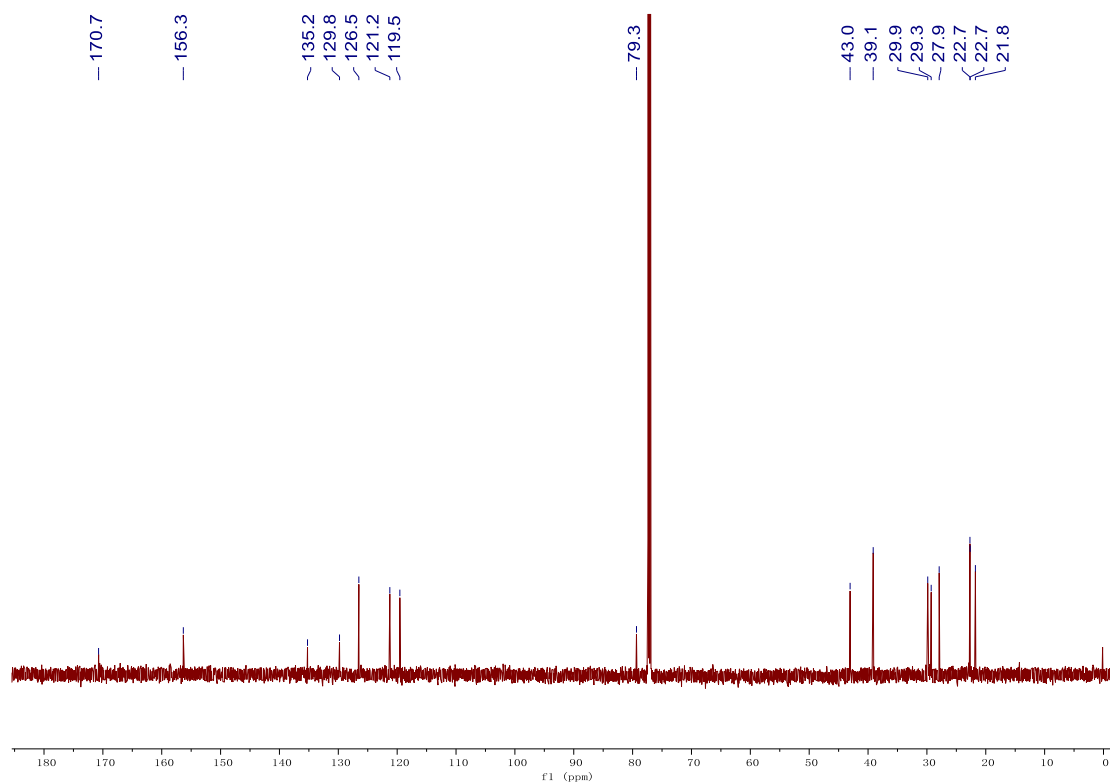


Figure S30. ^{13}C NMR spectrum of compound **8** in CDCl_3 (600 MHz)

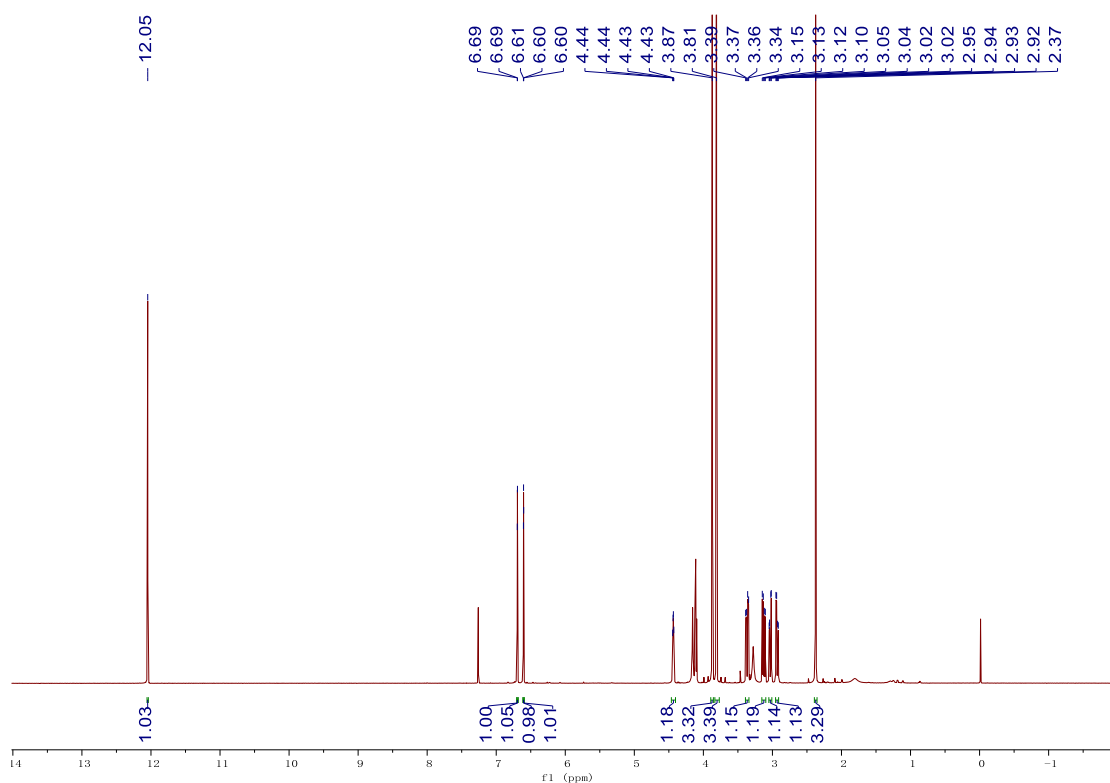


Figure S31. ^1H NMR spectrum of compound **9** in CDCl_3 (600 MHz)

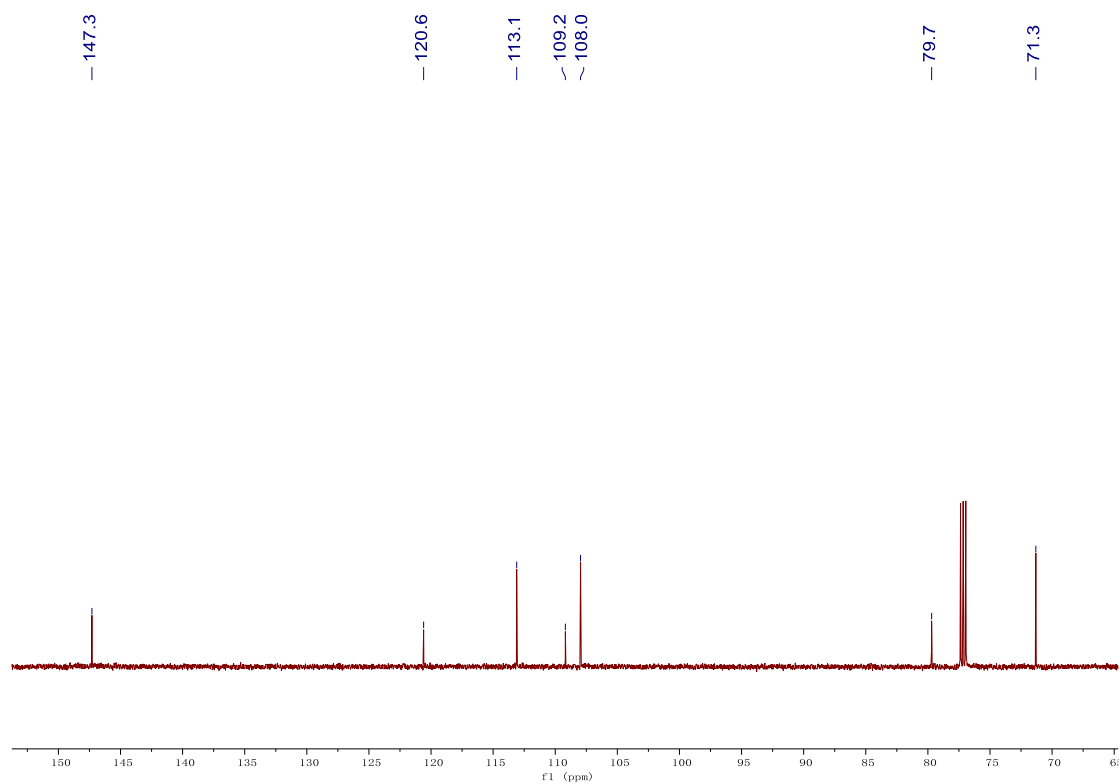


Figure S32. ^{13}C NMR spectrum of compound **9** in CDCl_3 (600 MHz)

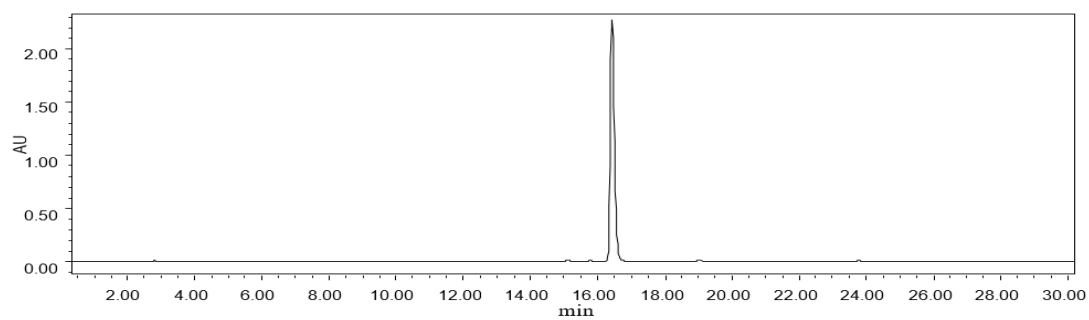


Figure S33. HPLC analysis chromatogram of compound **1**

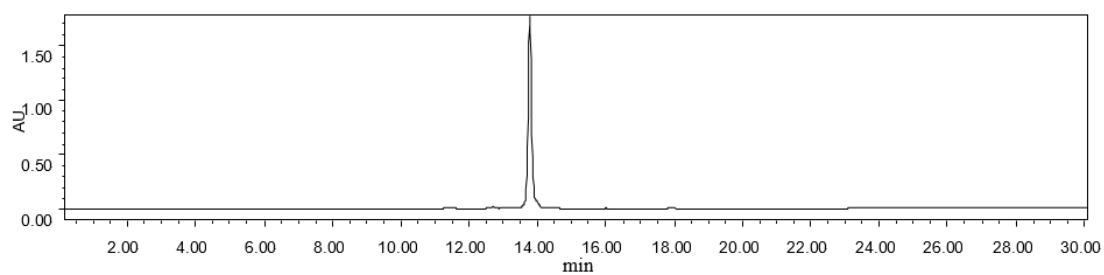


Figure S34. HPLC analysis chromatogram of compound **2**