

(±)-Rhytidhymarins A and B, two pairs of new
isocoumarin derivatives from endophytic fungus

Rhytidhysterone sp. BZM-9

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Figure S1. HRESIMS spectrum of rhytidhymarin A ((±)-1)

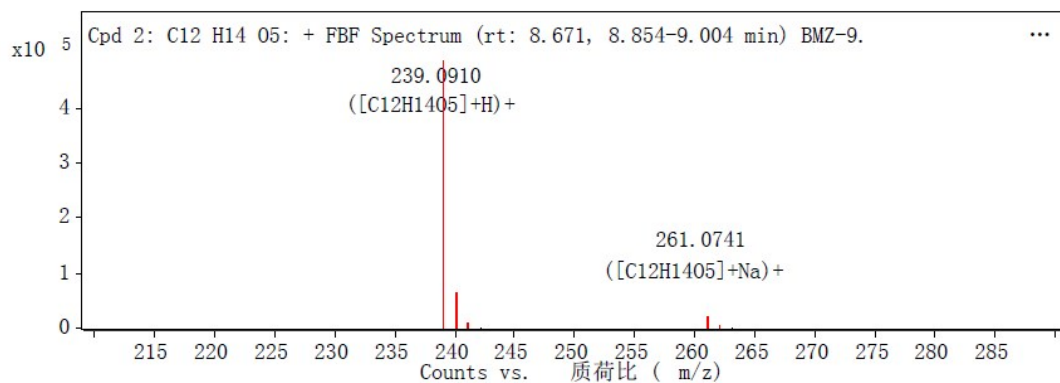


Figure S2. ¹H NMR spectrum (500 MHz) of ((±)-1) in CD₃OD

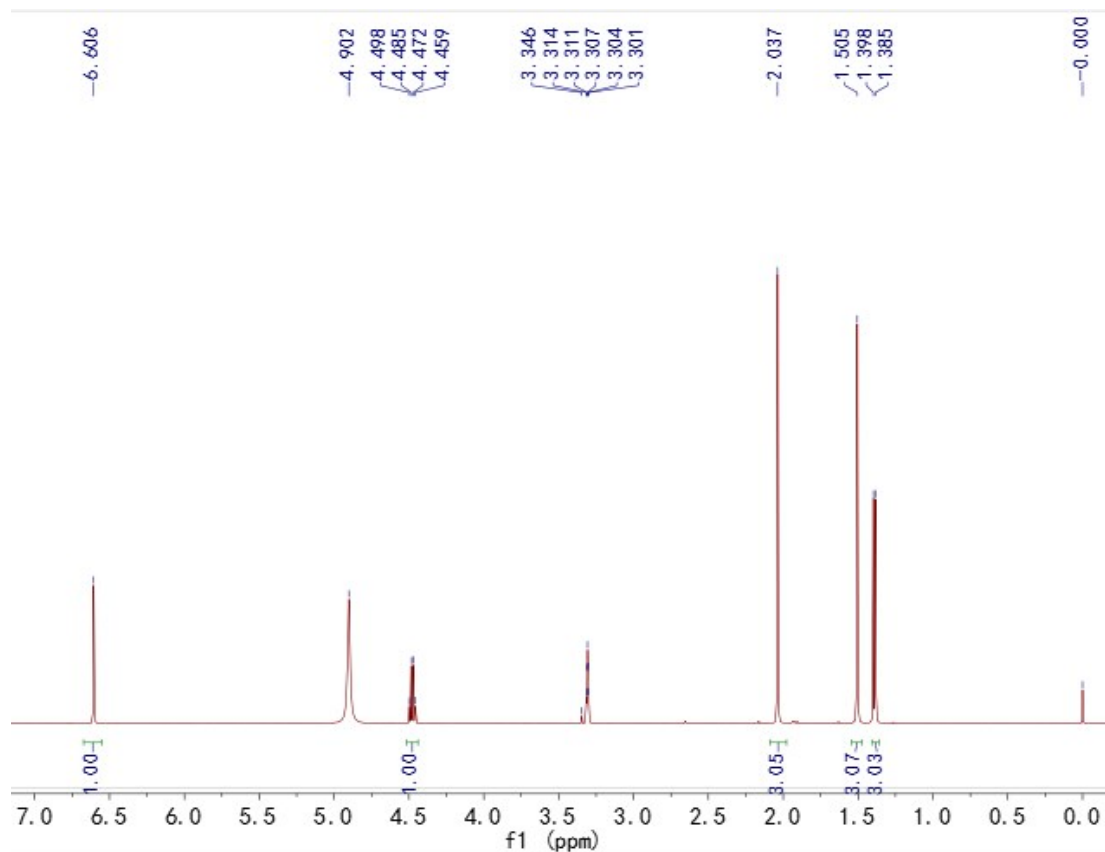


Figure S3. ^{13}C NMR spectrum (125 MHz) of (\pm)-**1** in CD_3OD

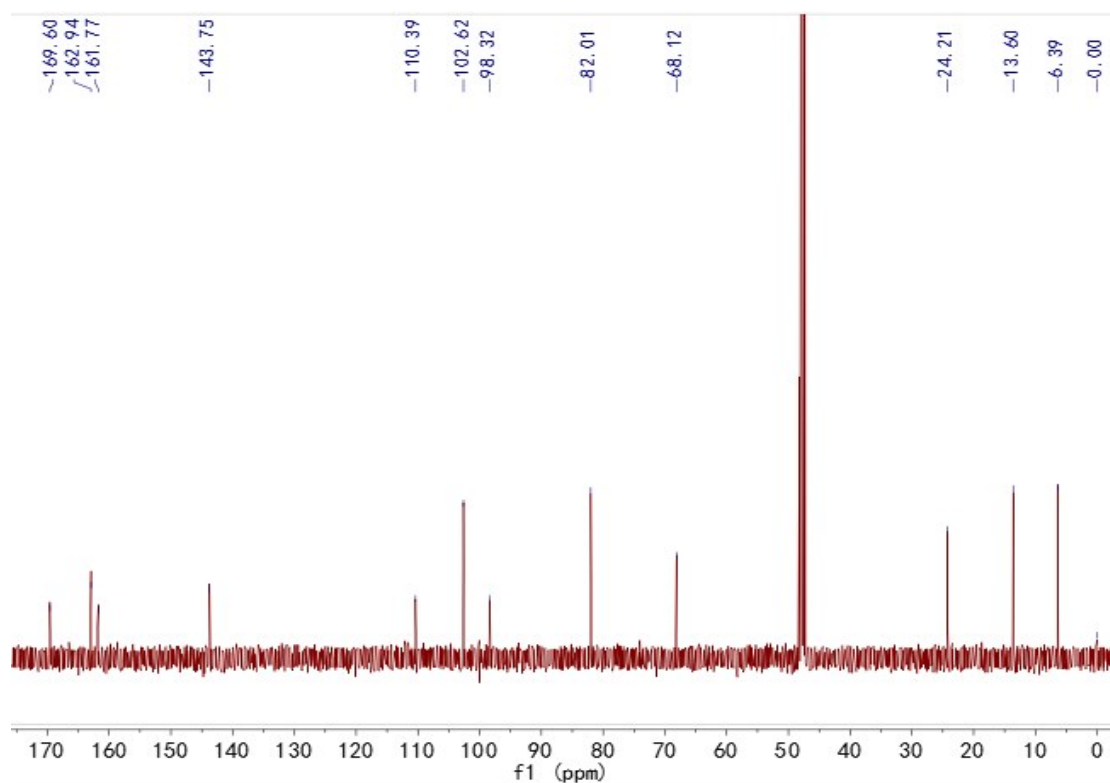


Figure S4. ^1H - ^1H COSY spectrum of (\pm)-**1** in CD_3OD

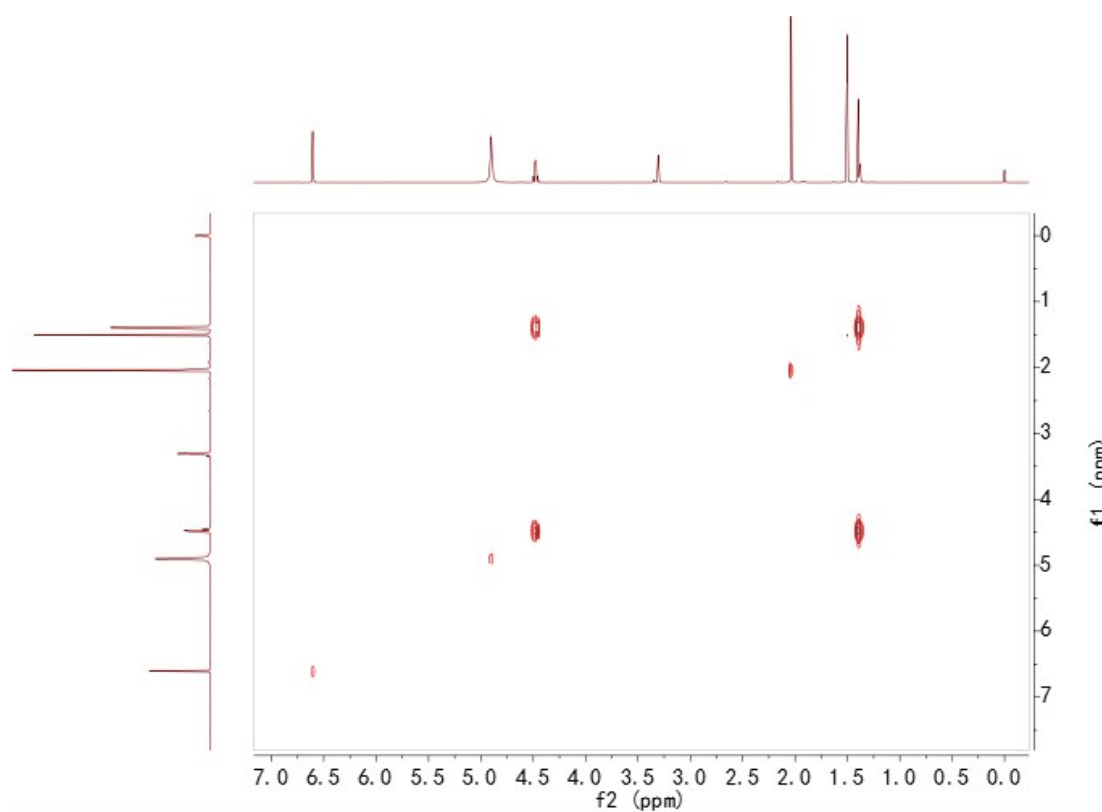


Figure S5. HSQC spectrum of (\pm)-**1** in CD₃OD

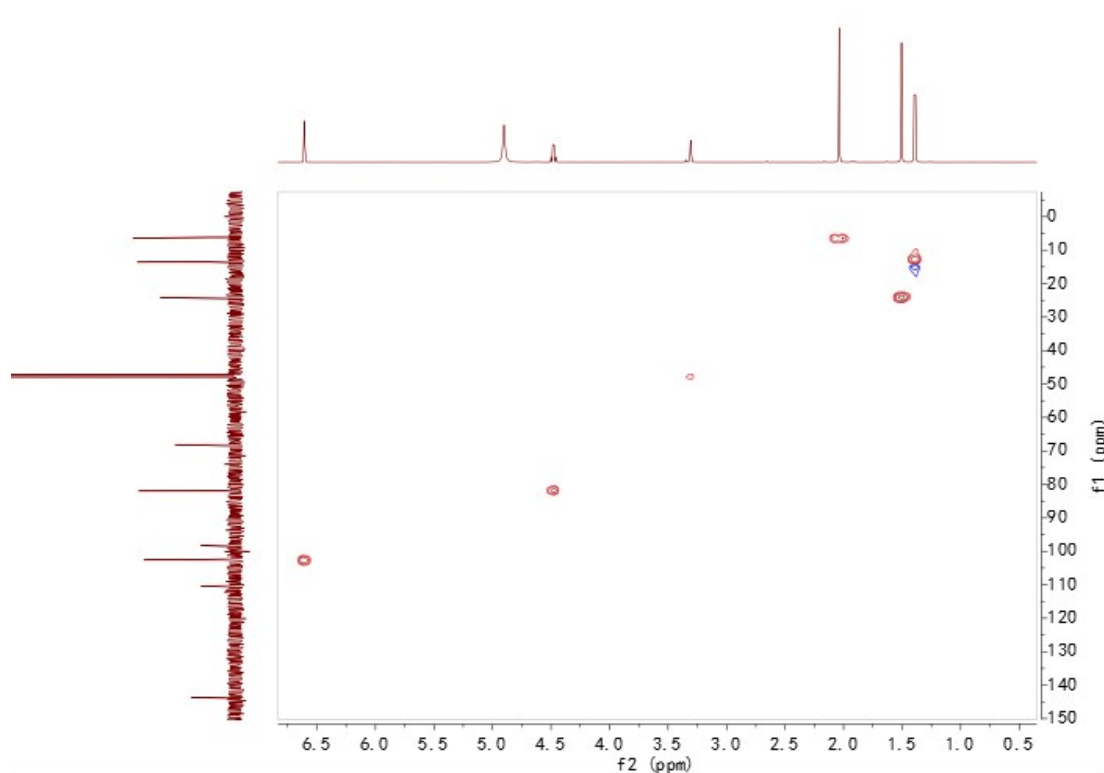


Figure S6. HMBC spectrum of (\pm)-**1** in CD₃OD

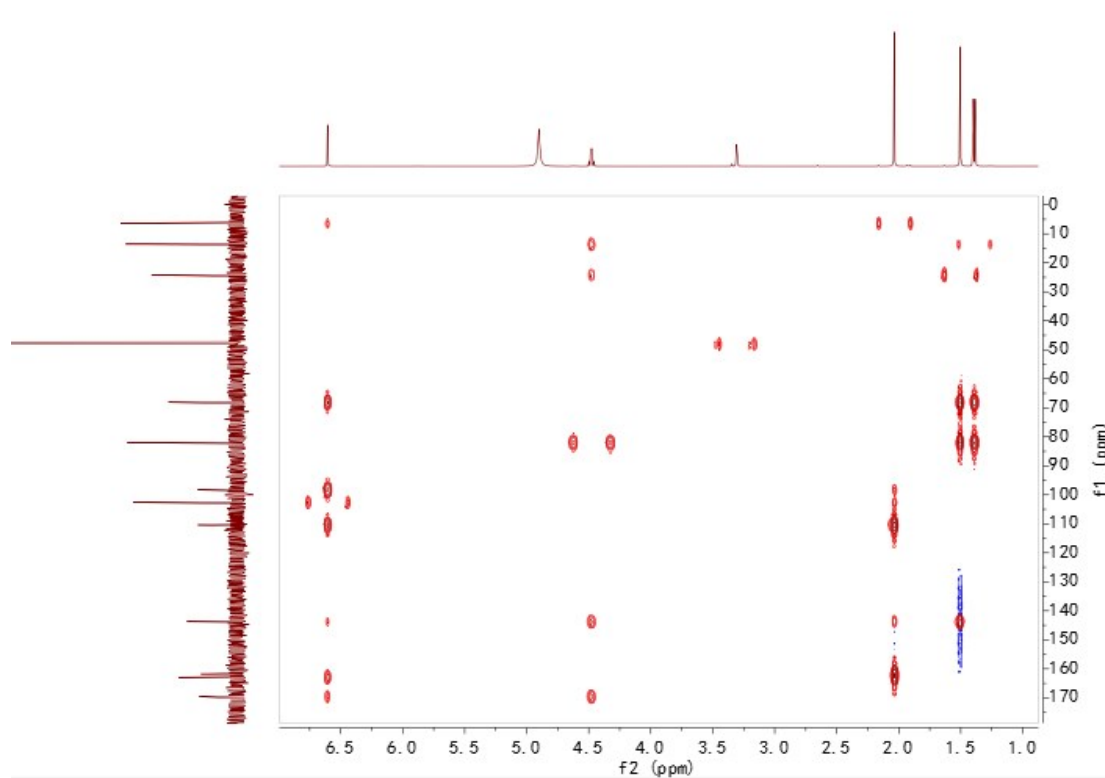


Figure S7. ROESY spectrum of (\pm)-**1** in CD₃OD

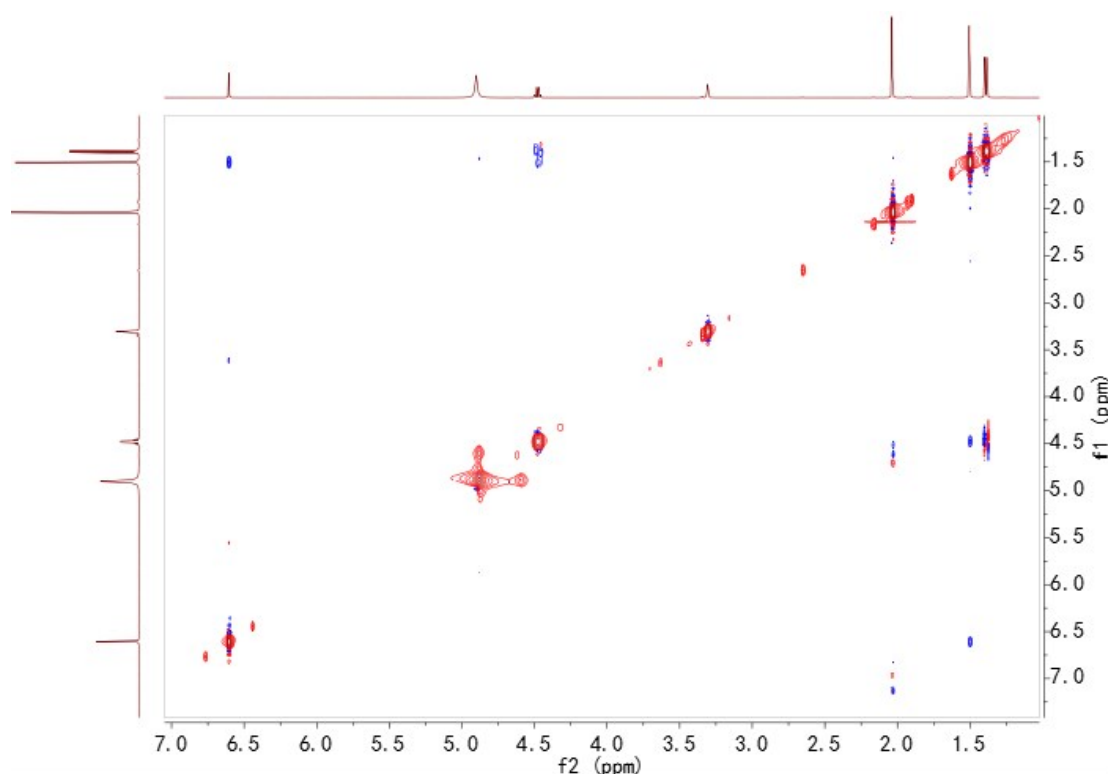


Figure S8. Chiral HPLC analysis of compound (+)-**1** and (-)-**1**

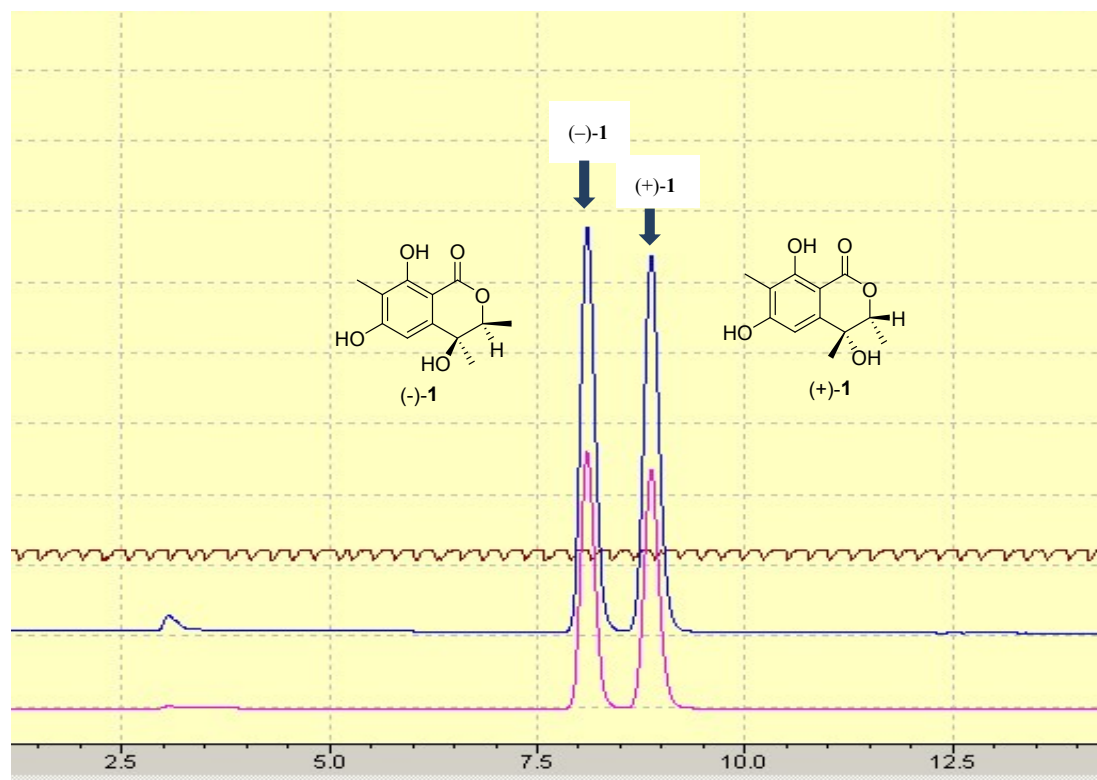


Figure S9. HRESIMS spectrum of rhytidhymarin A ((±)-2)

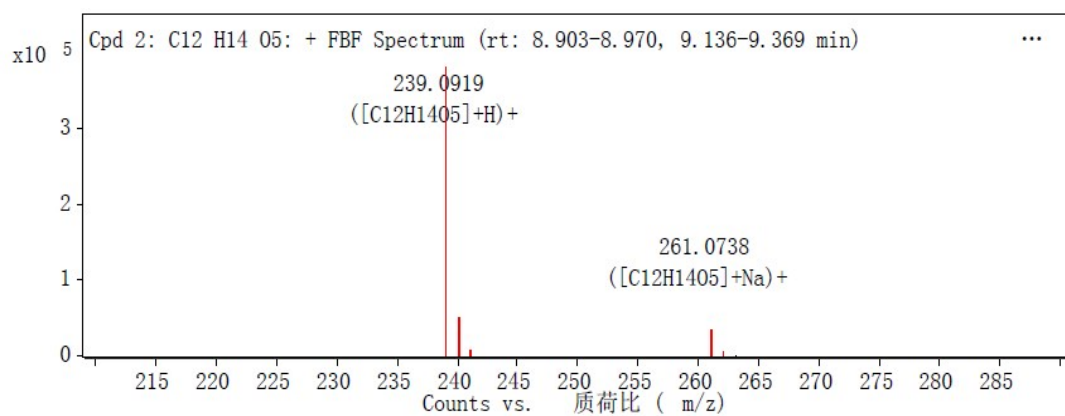


Figure S10. ¹H NMR spectrum (500 MHz) of ((±)-2 in CD₃OD

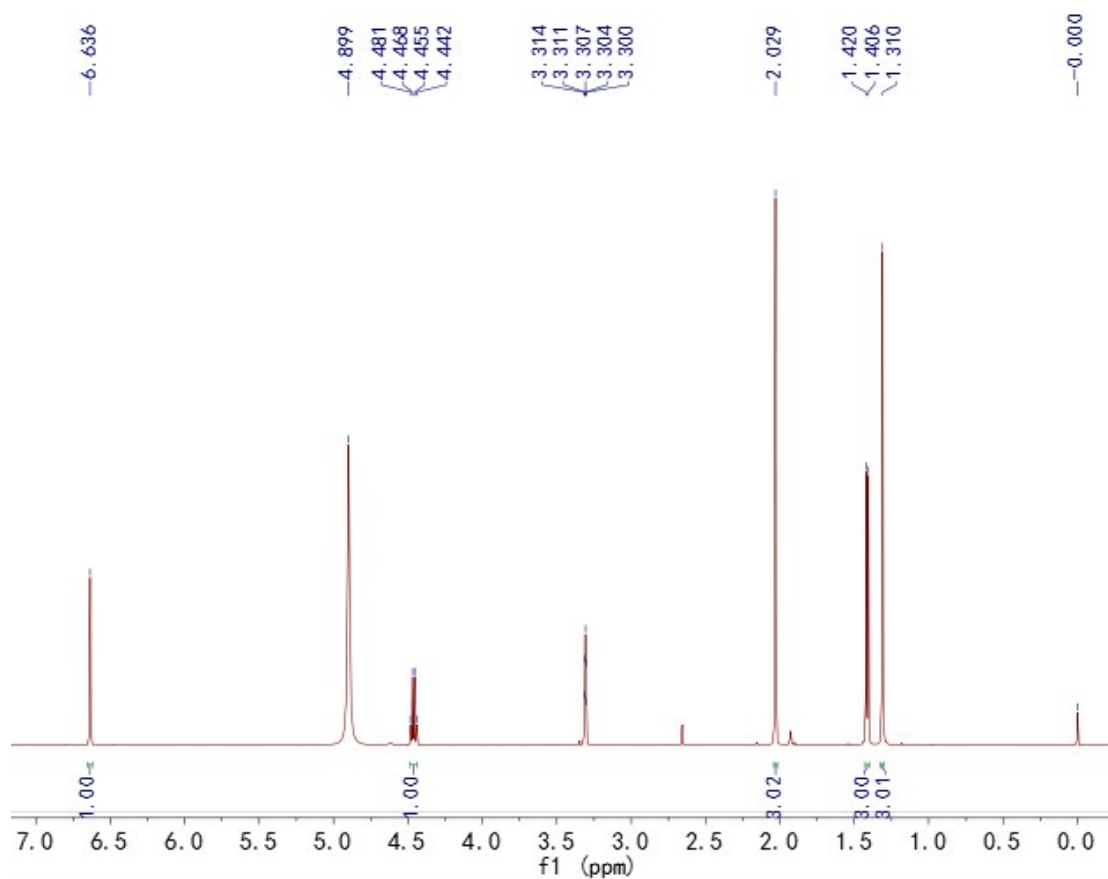


Figure S11. ^{13}C NMR spectrum (125 MHz) of (\pm)-**2** in CD_3OD

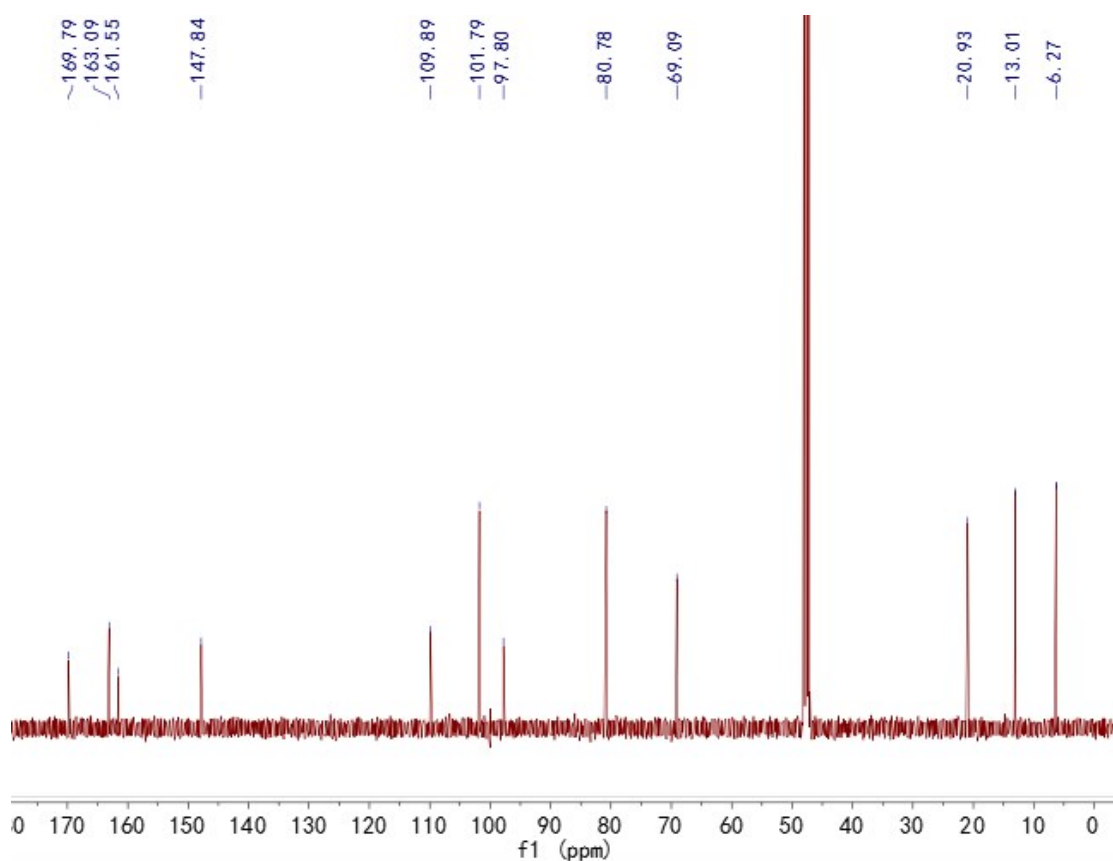


Figure S12. ^1H - ^1H COSY spectrum of (\pm)-**2** in CD_3OD

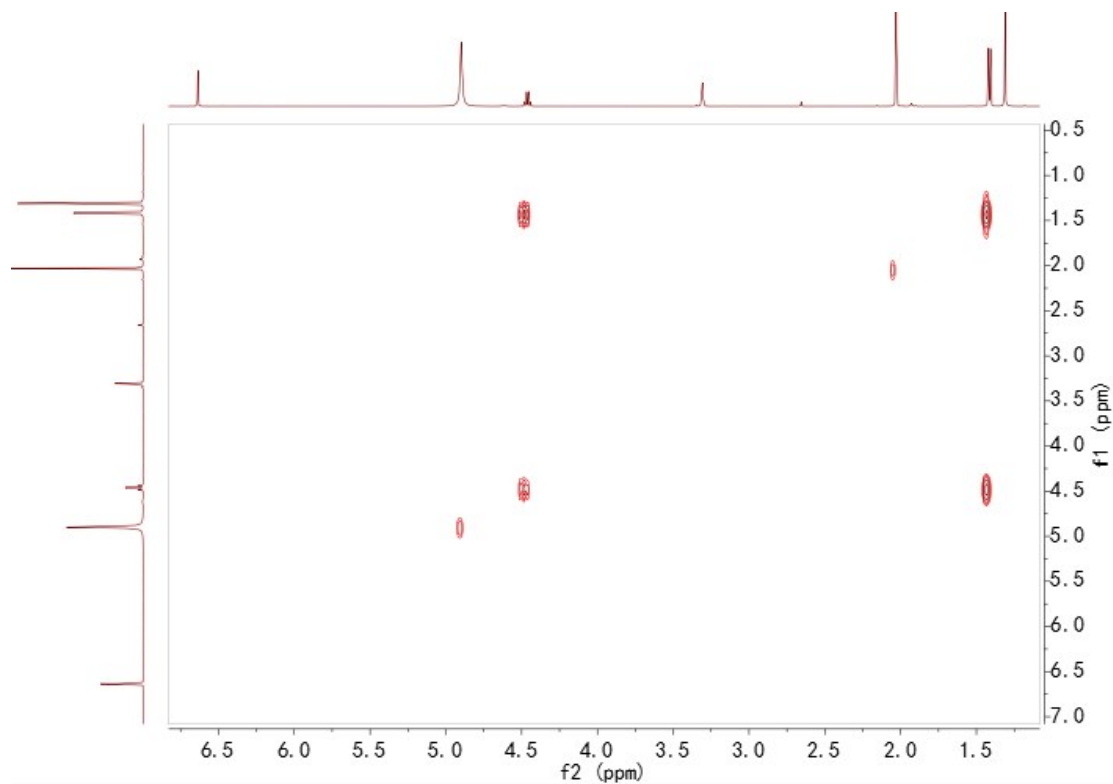


Figure S13. HSQC spectrum of (\pm)-**2** in CD₃OD

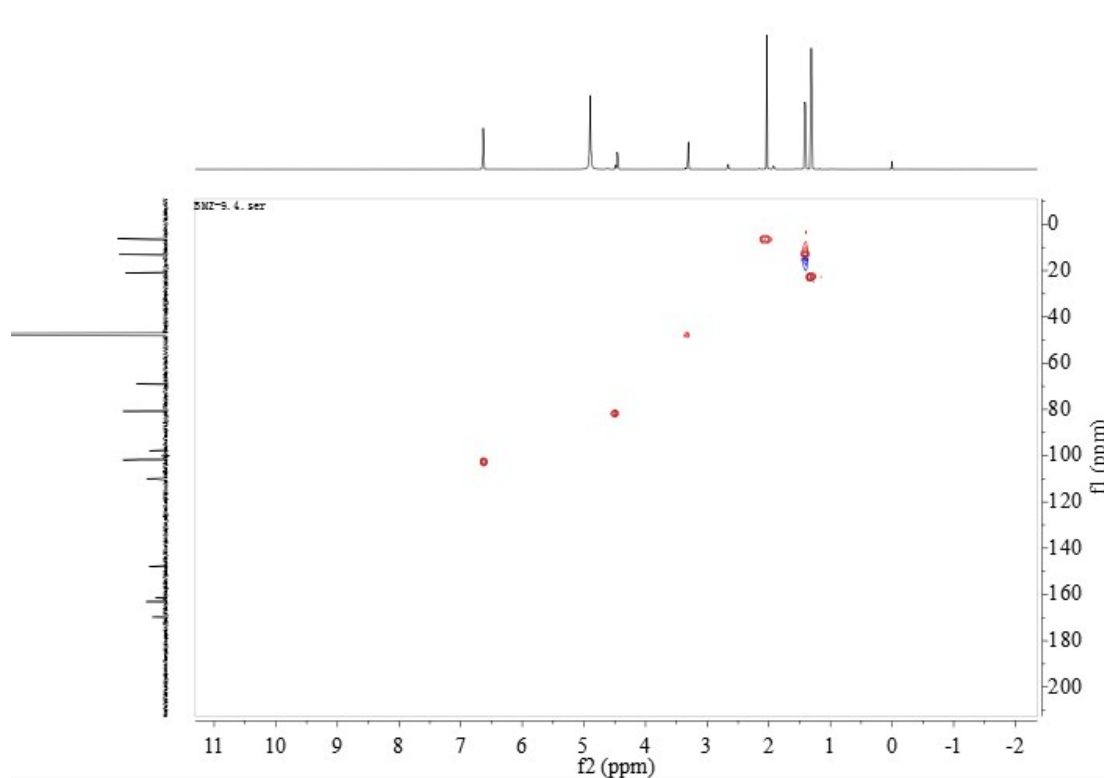


Figure S14. HMBC spectrum of (\pm)-**2** in CD₃OD

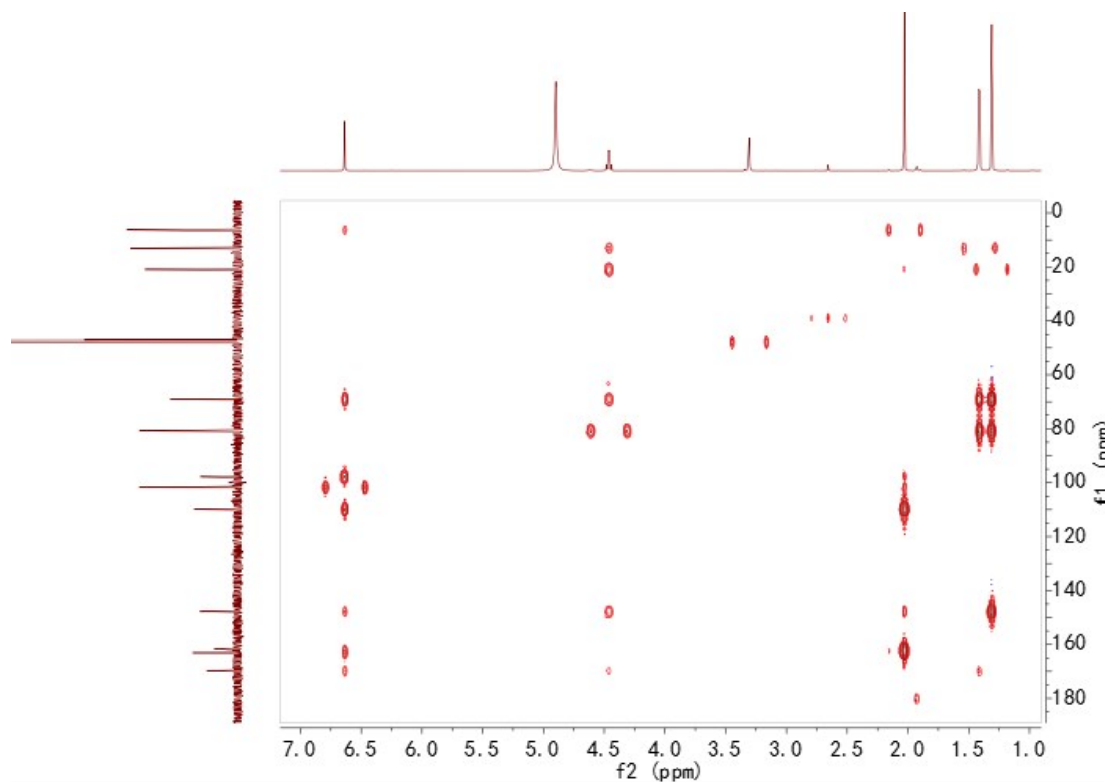


Figure S15. ROESY spectrum of (\pm)-**2** in CD₃OD

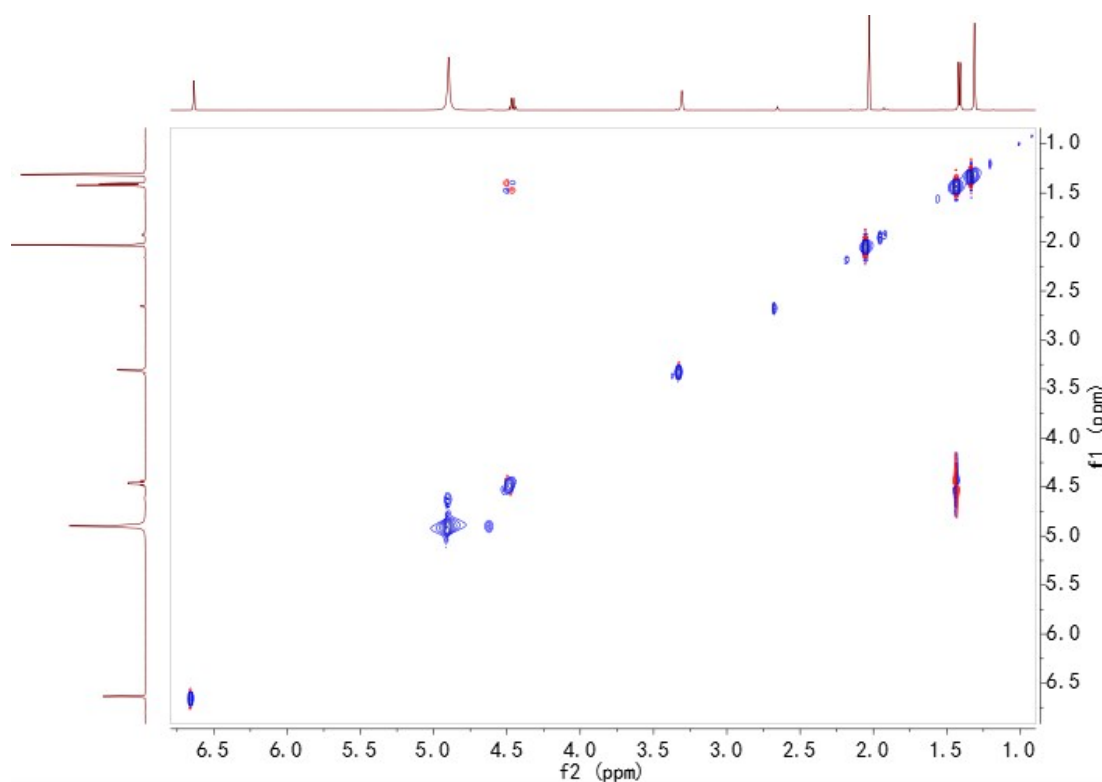


Figure S16. Chiral HPLC analysis of compound (+)-**2** and (-)-**2**

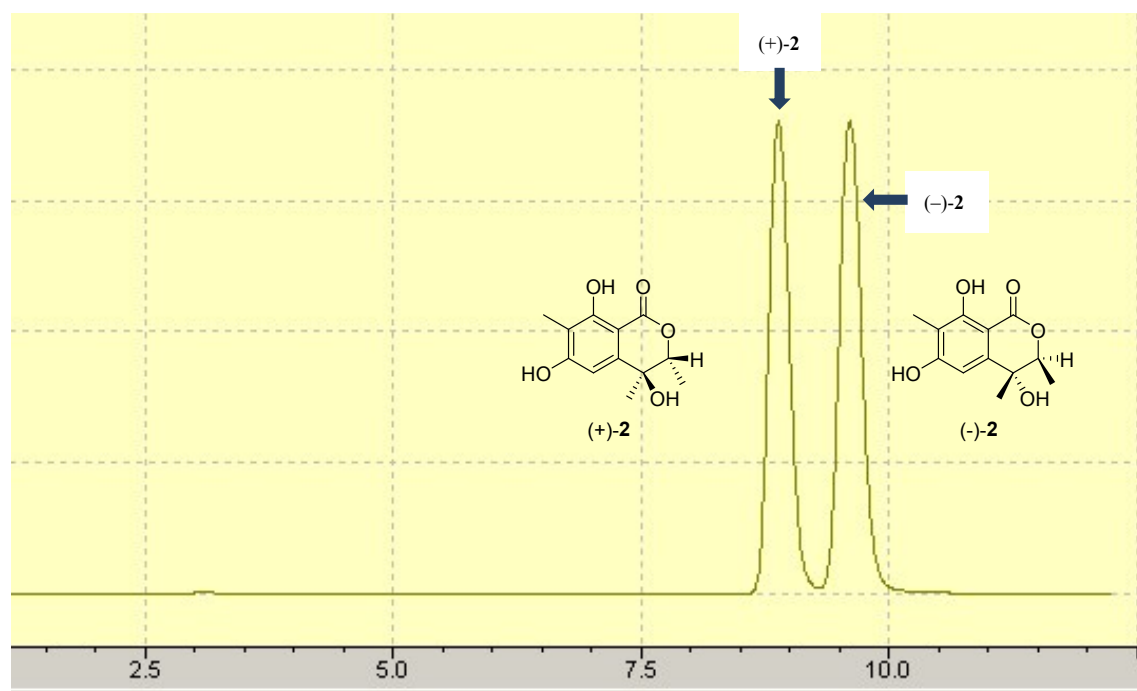


Figure S17. HRESIMS spectrum of rhytidhyster A (3)

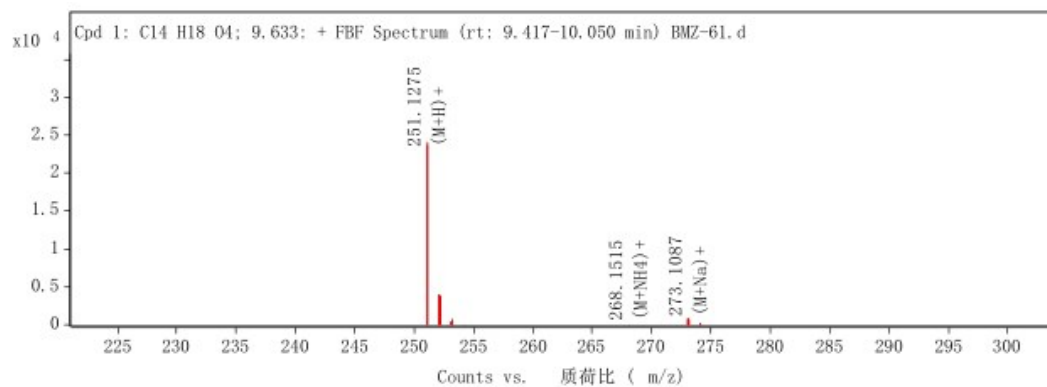


Figure S18. ¹H NMR spectrum (400 MHz) of 3 in DMSO-d₆

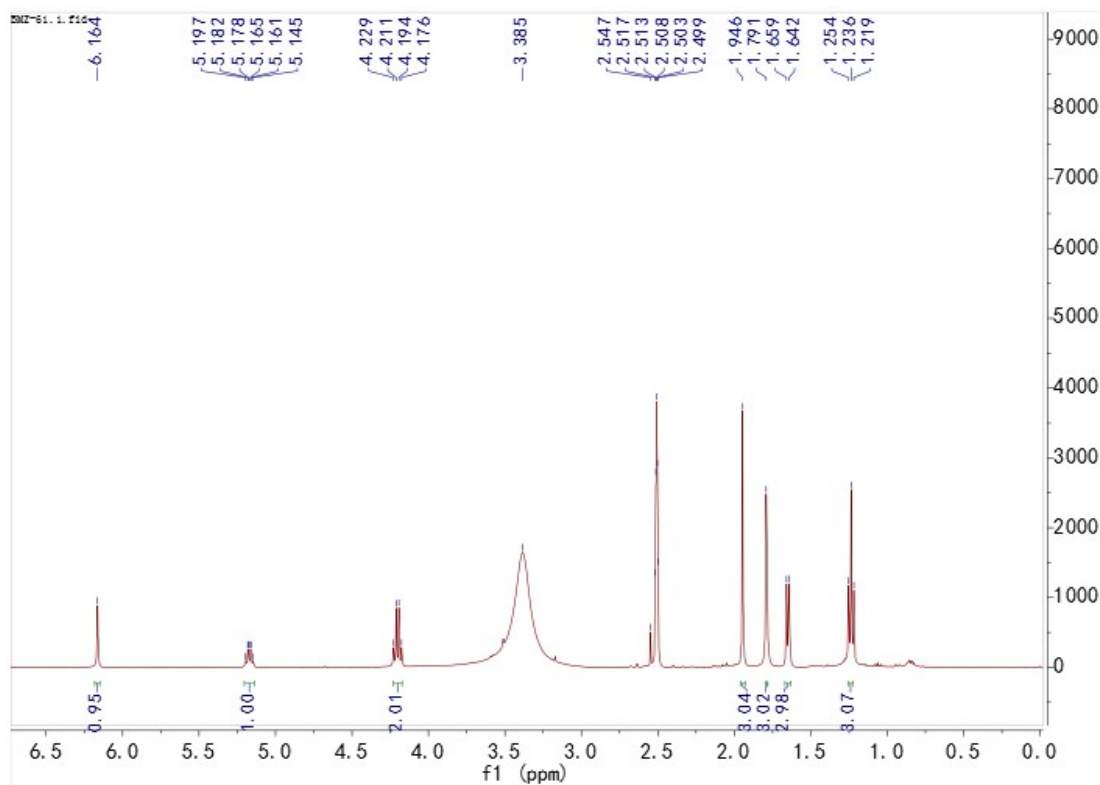


Figure S19. ^{13}C NMR spectrum (1100 MHz) of **3** in $\text{DMSO-}d_6$

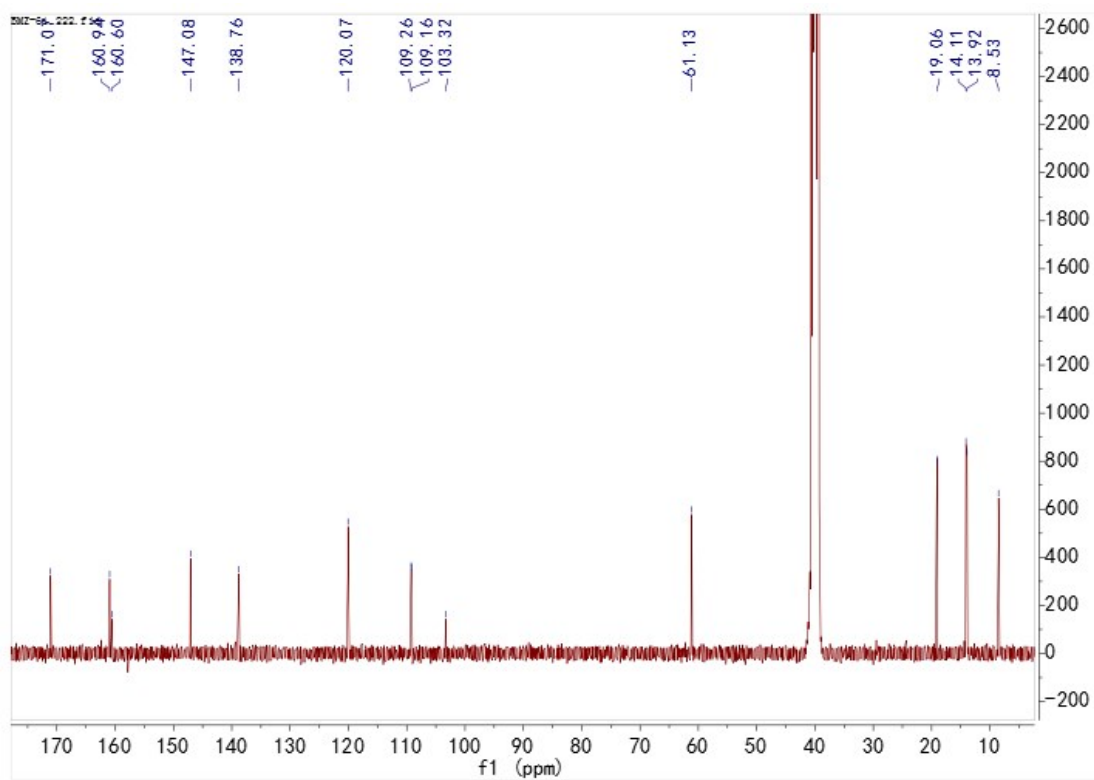


Figure S20. $^1\text{H-}^1\text{H}$ COSY spectrum of **3** in $\text{DMSO-}d_6$

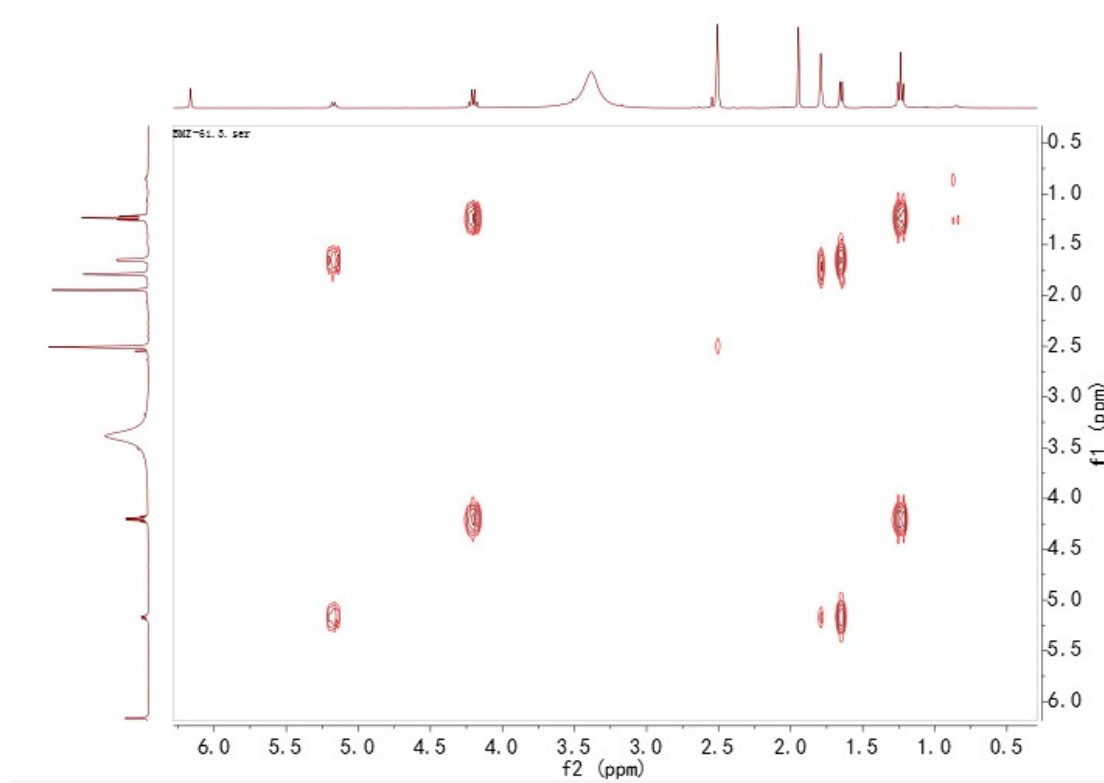


Figure S21. HSQC spectrum of **3** in DMSO- d_6

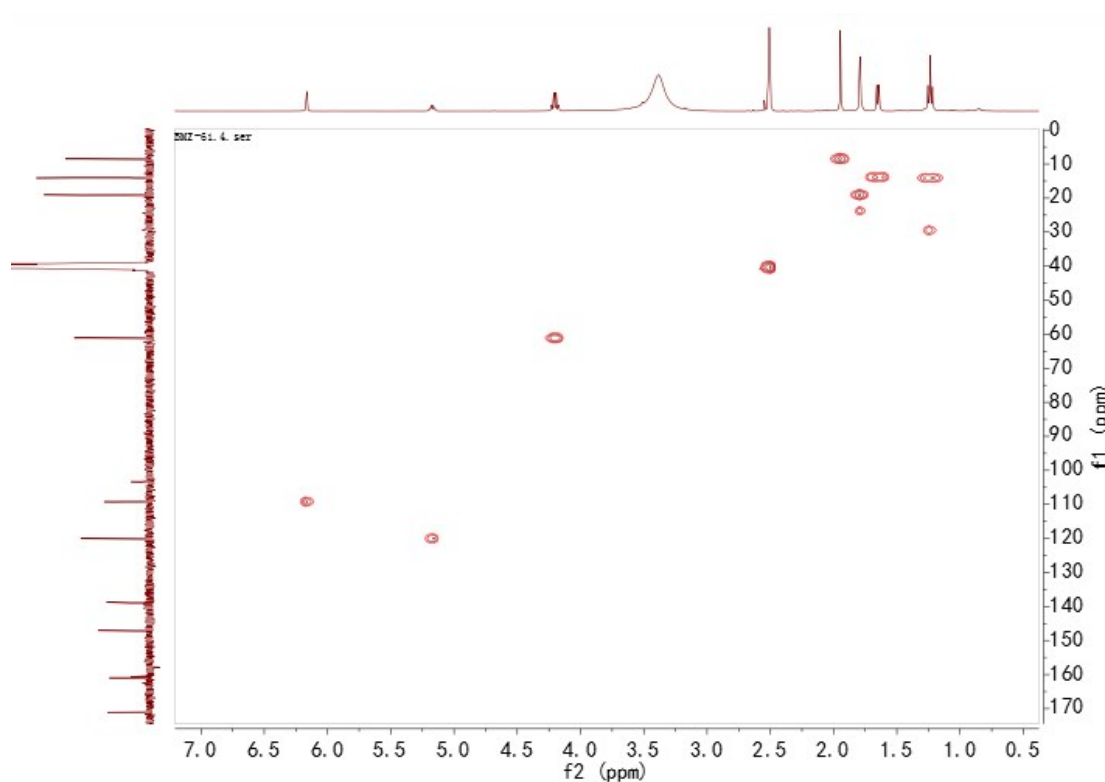


Figure S22. HMBC spectrum of **3** in DMSO- d_6

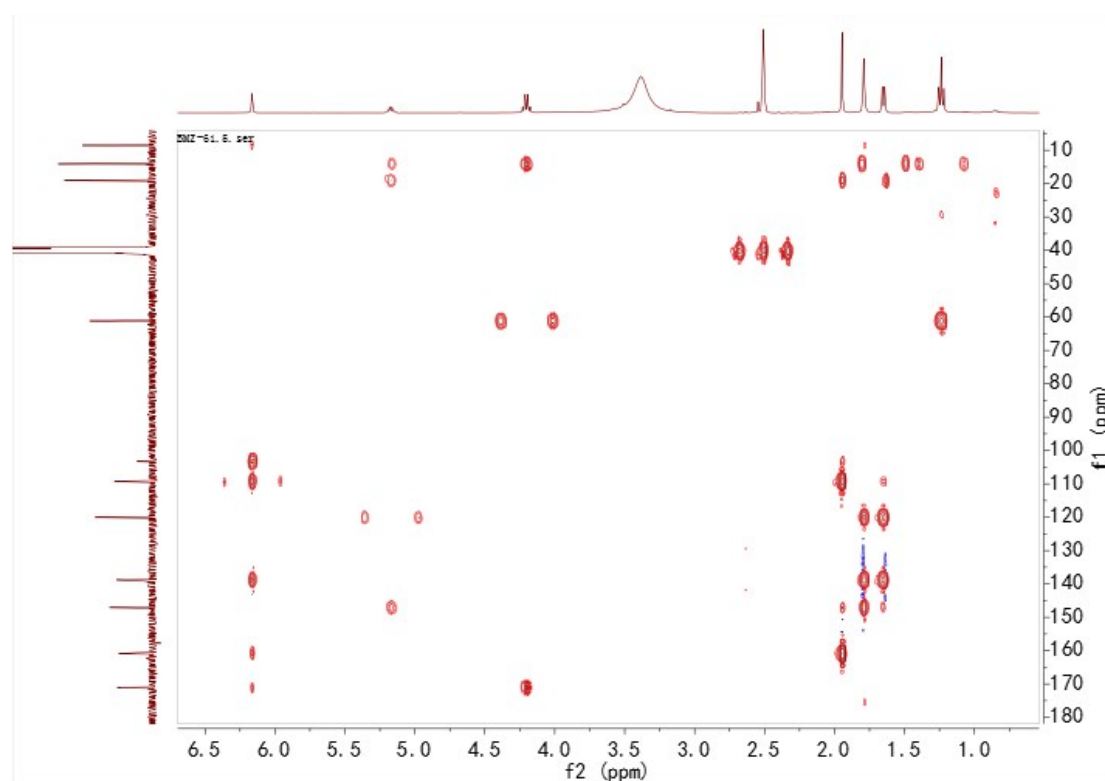


Figure S23. ROESY spectrum of **3** in DMSO- d_6

