

Supporting information for

**Indole-diterpenes from Mangrove Sediment-Derived Fungus
Penicillium sp. UJNMF0740 Protect PC12 Cells against
6-OHDA-Induced Neurotoxicity via Regulating the PI3K/Akt
Pathway**

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Figure S1. The $^1\text{H-NMR}$ spectrum of compound **1** in CDCl_3

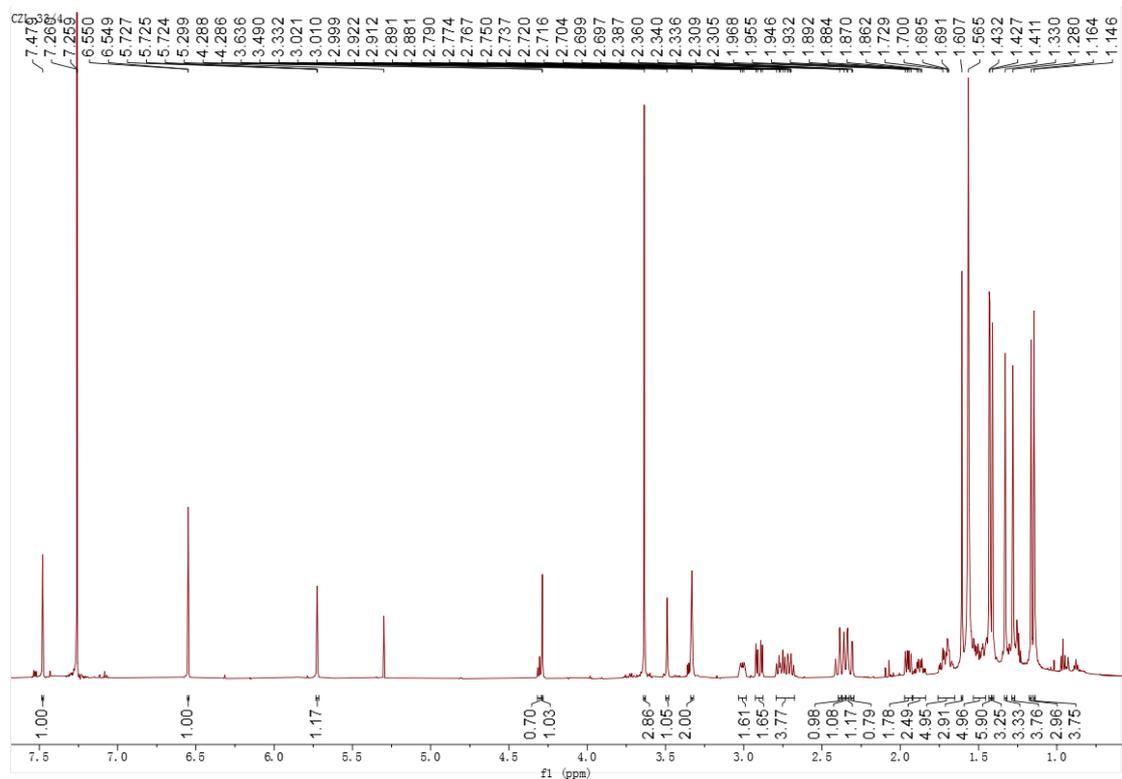


Figure S2. The $^{13}\text{C-NMR}$ spectrum of compound **1** in CDCl_3

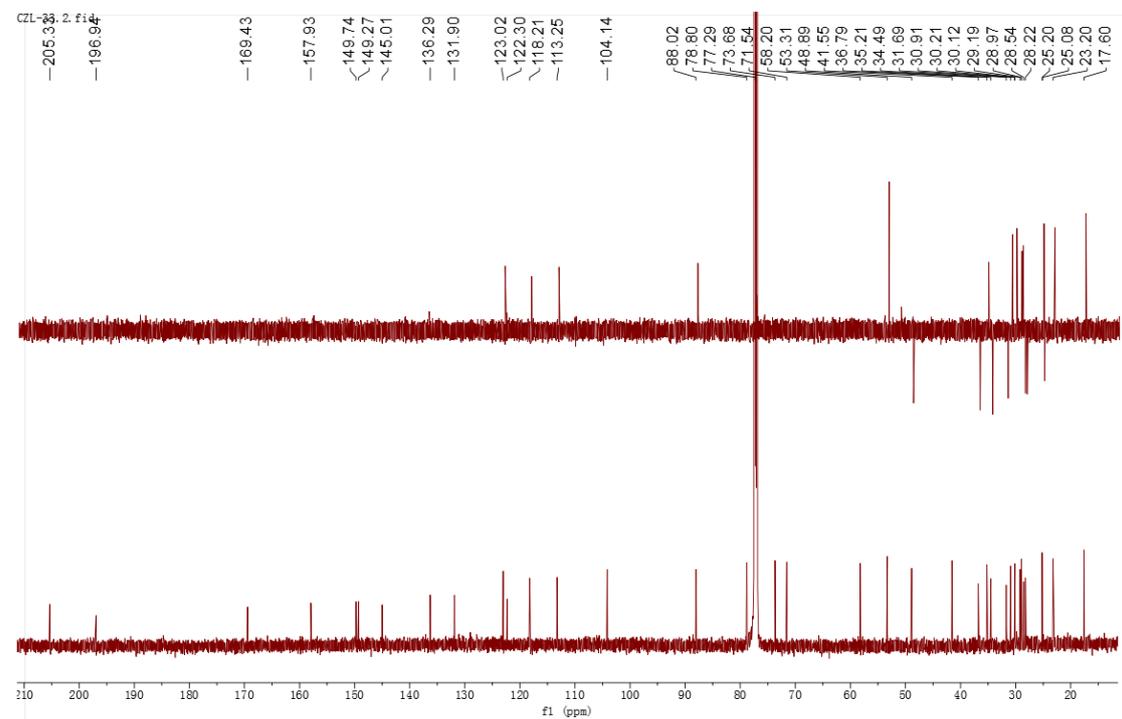


Figure S3. The HSQC spectrum of compound **1** in CDCl₃

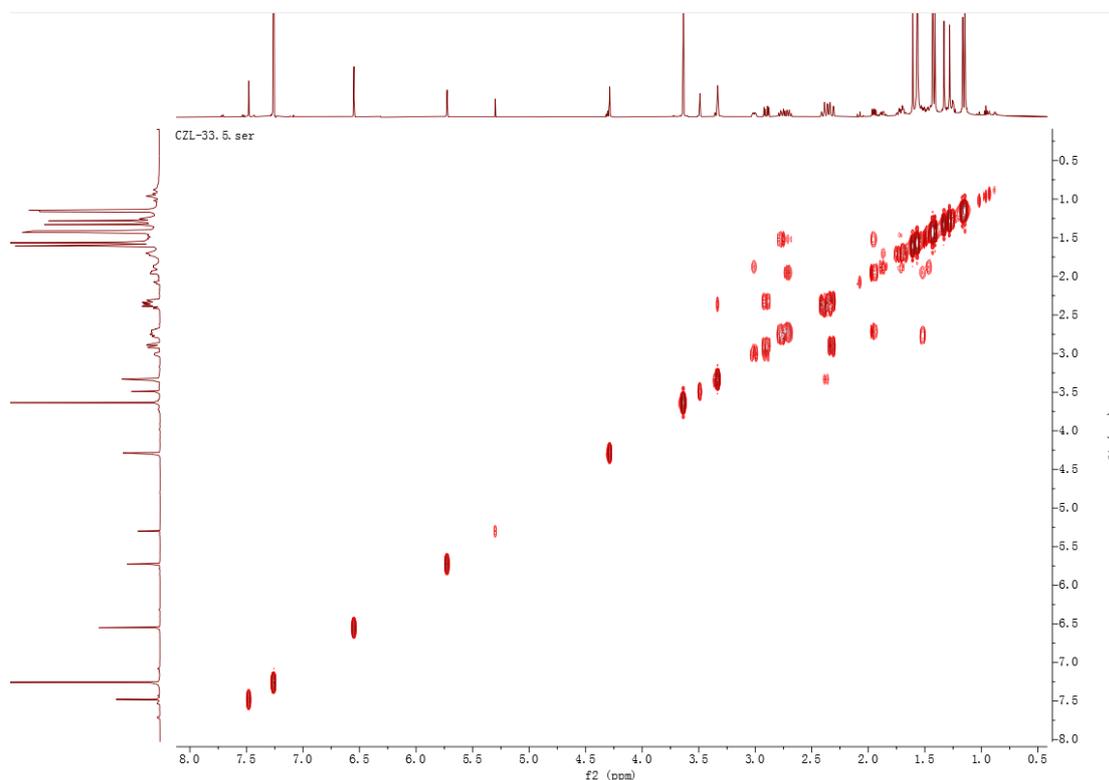


Figure S4. The ¹H-¹H COSY spectrum of compound **1** in CDCl₃

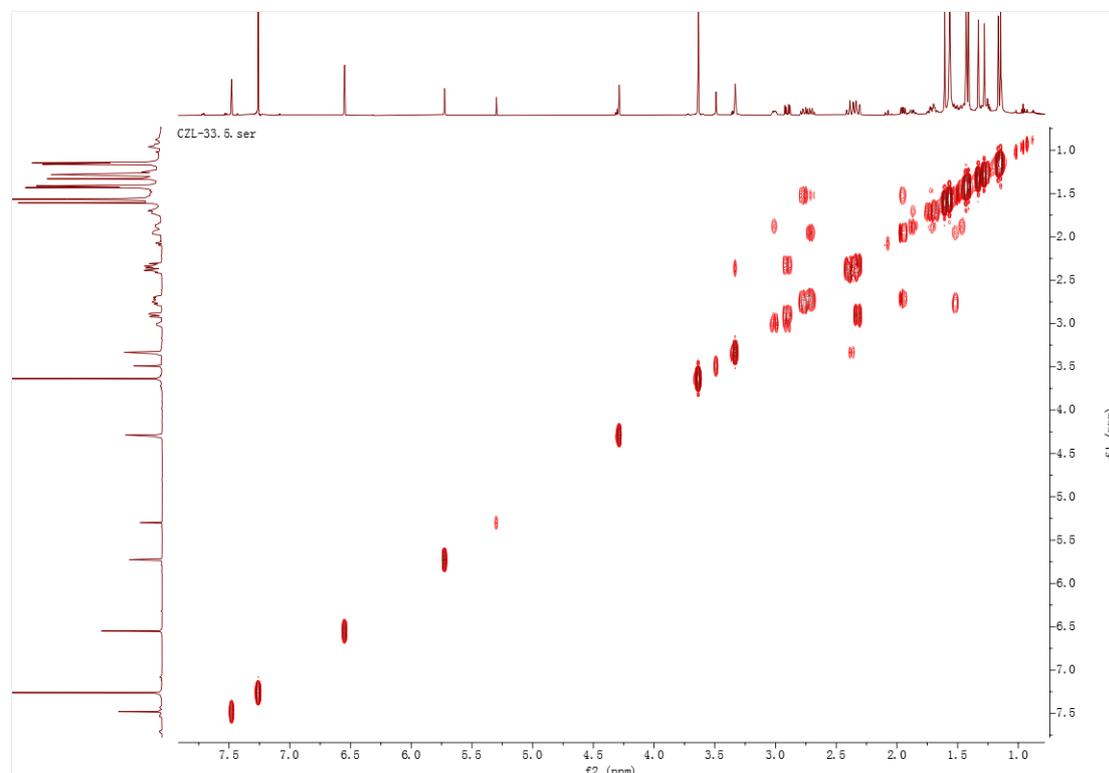


Figure S5. The HMBC spectrum of compound **1** in CDCl₃

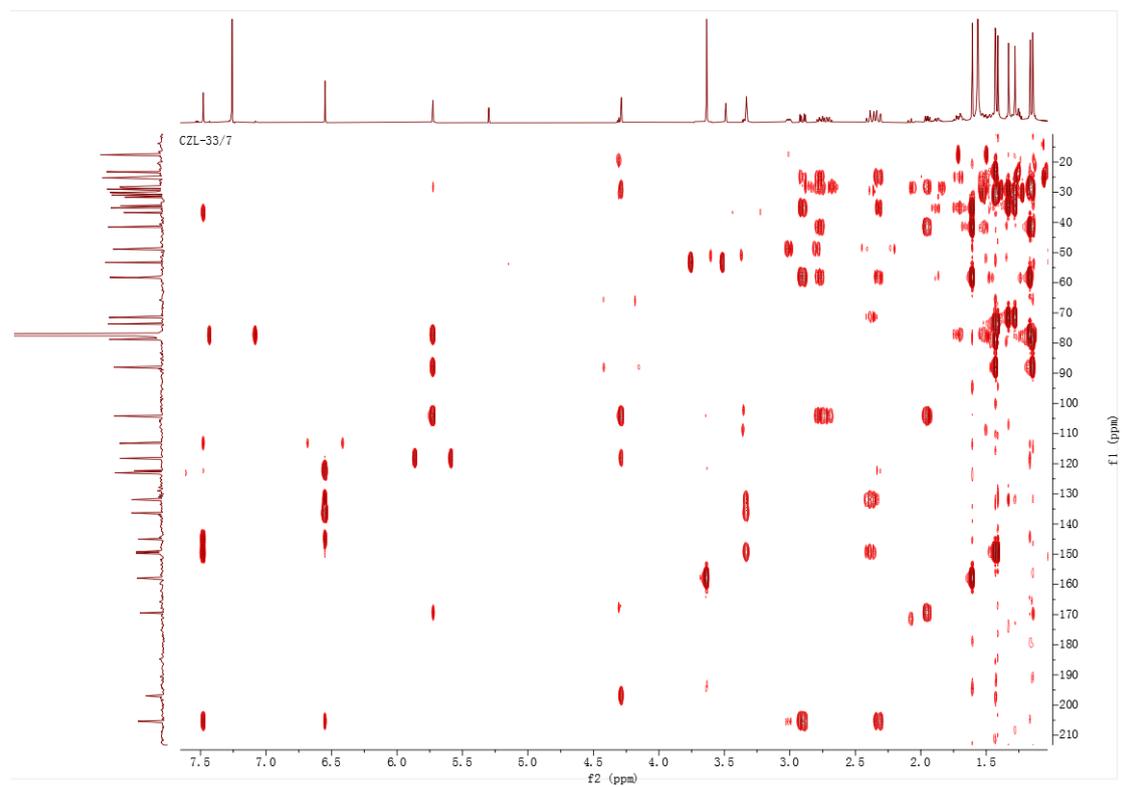


Figure S6. The NOESY spectrum of compound **1** in CDCl₃

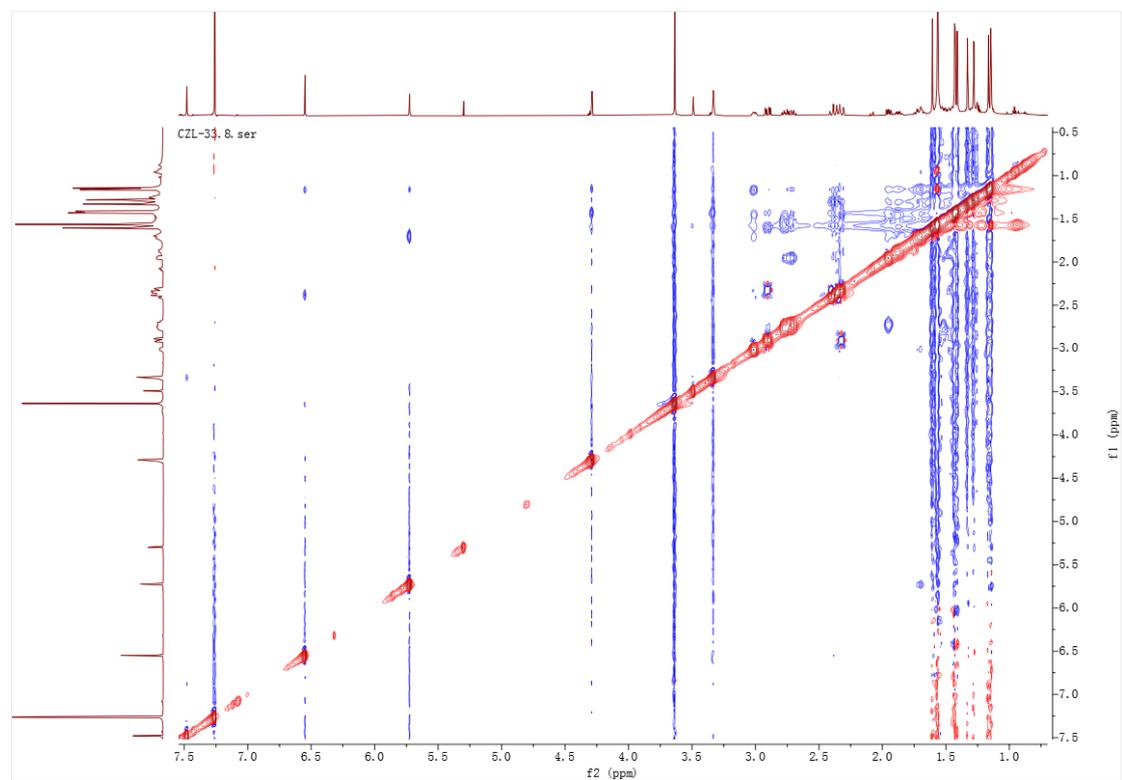


Figure S7. The (+)-HR-ESIMS spectrum of compound **1**

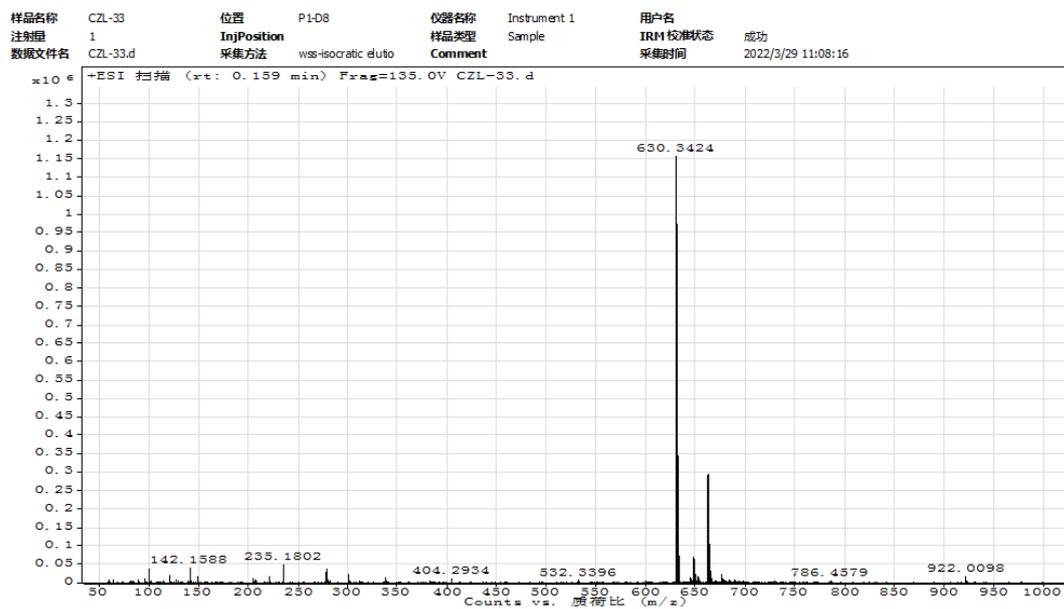


Figure S8. The $^1\text{H-NMR}$ spectrum of compound **2** in CDCl_3

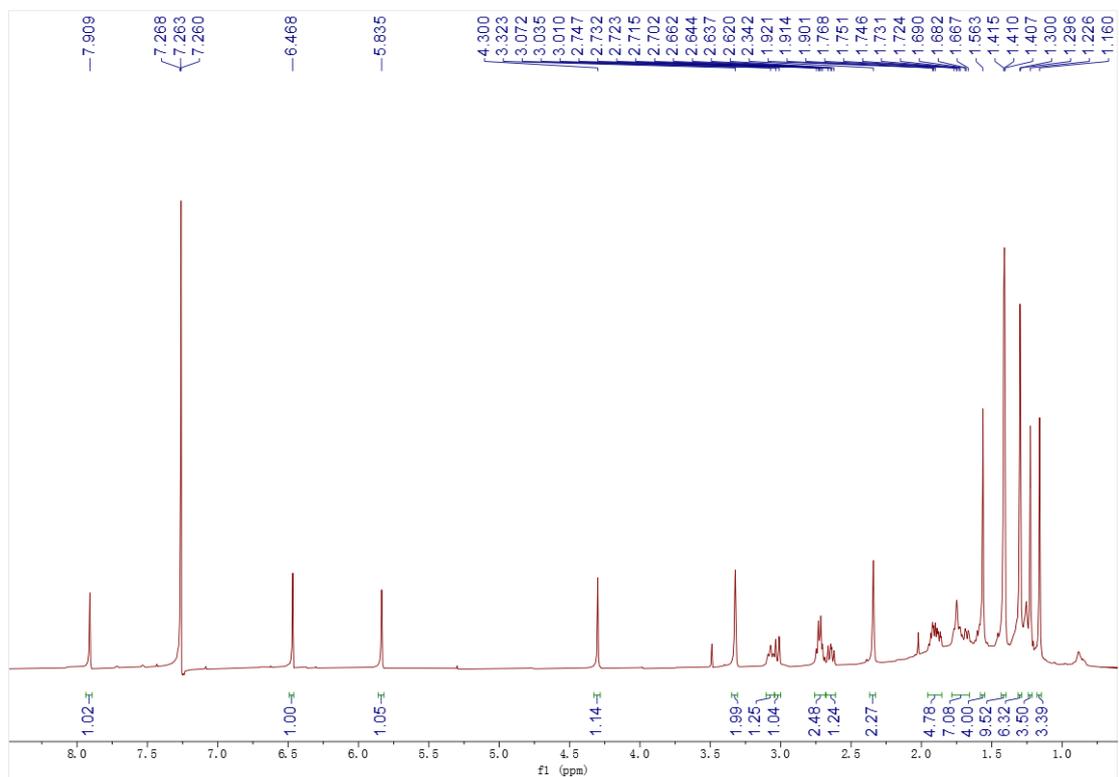


Figure S9. The ^{13}C -NMR spectrum of compound **2** in CDCl_3

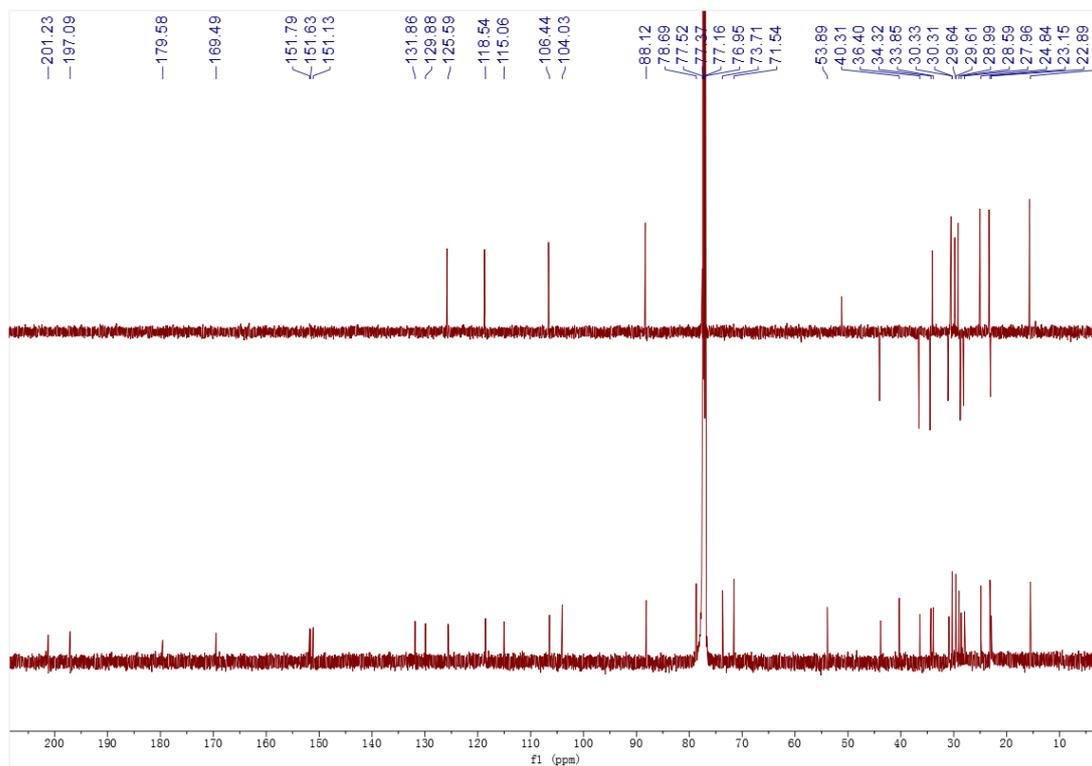


Figure S10. The HSQC spectrum of compound **2** in CDCl_3

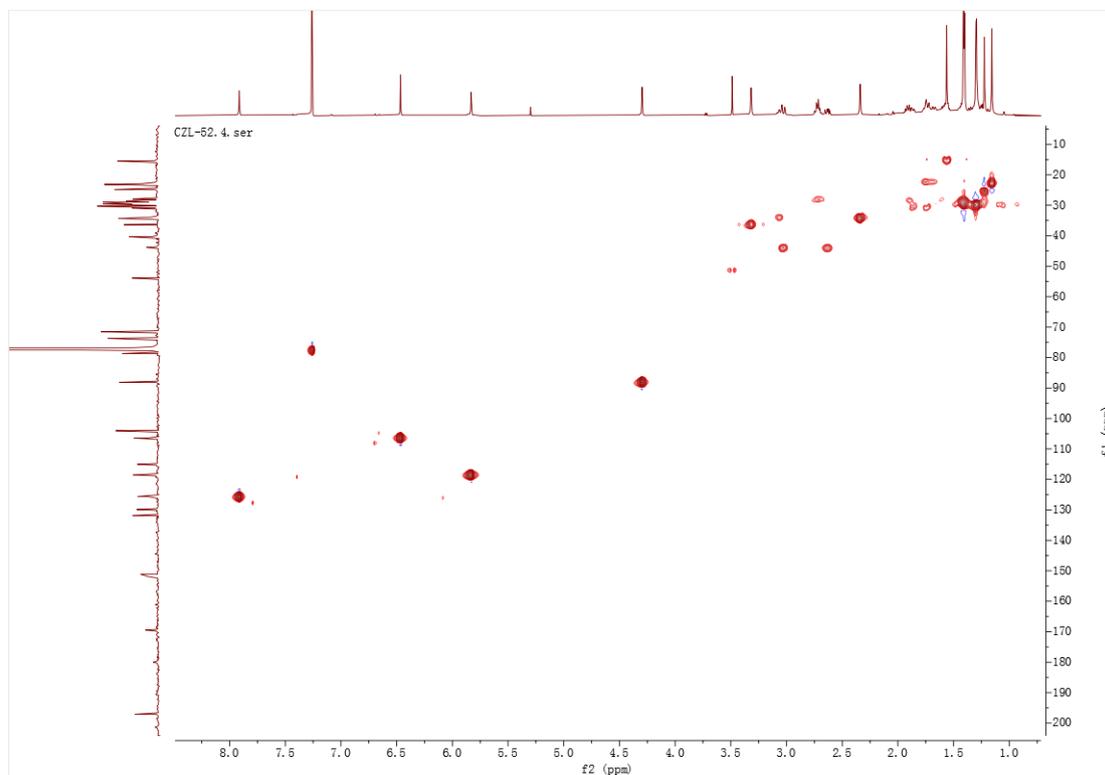


Figure S11. The ^1H - ^1H COSY spectrum of compound **2** in CDCl_3

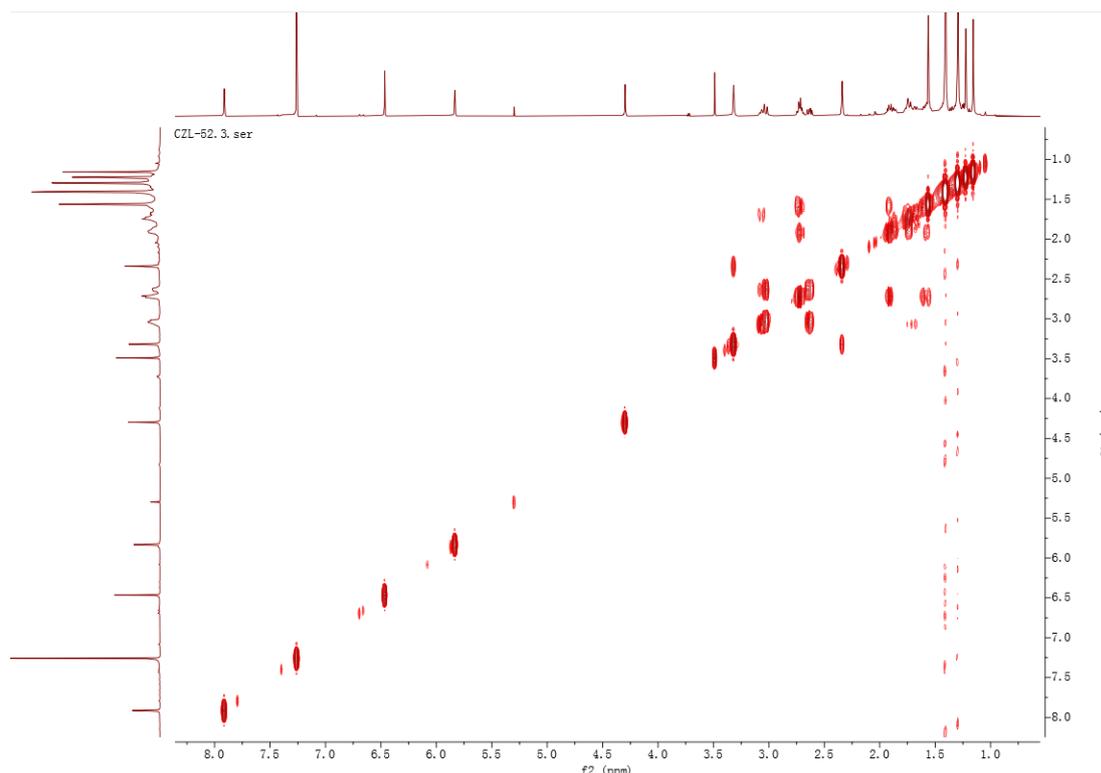


Figure S12. The HMBC spectrum of compound **2** in CDCl_3

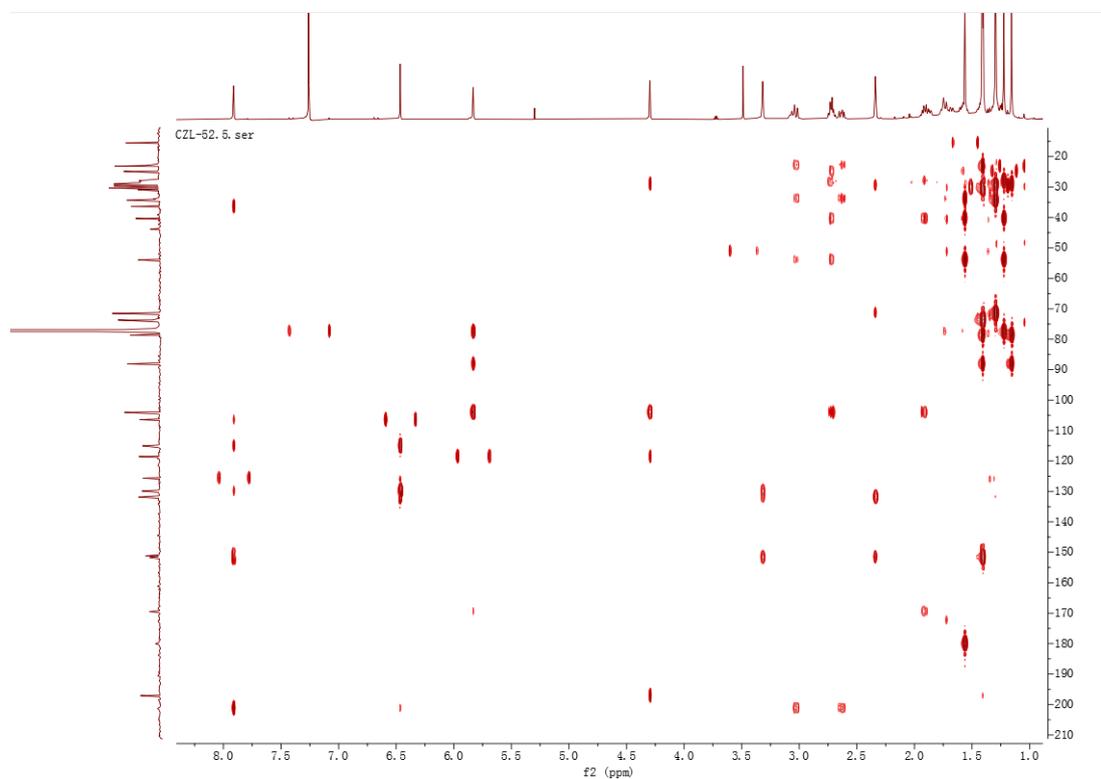


Figure S13. The NOESY spectrum of compound **2** in CDCl₃

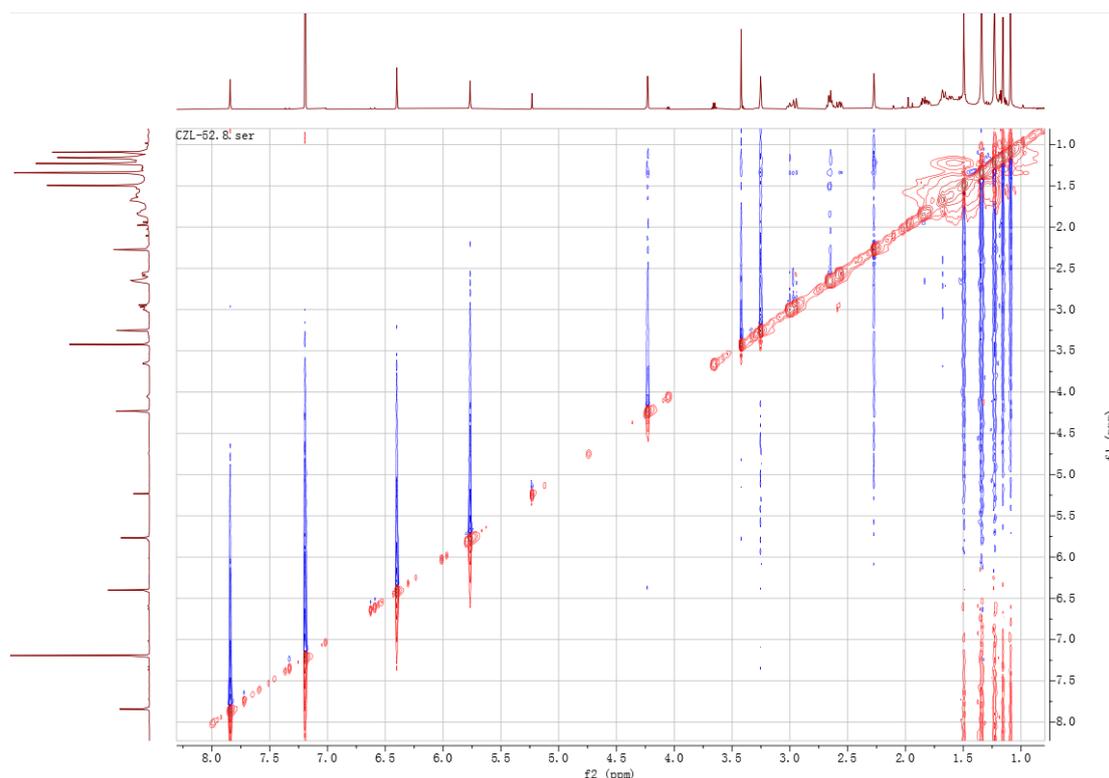


Figure S14. The (+)-HR-ESIMS spectrum of compound **2**

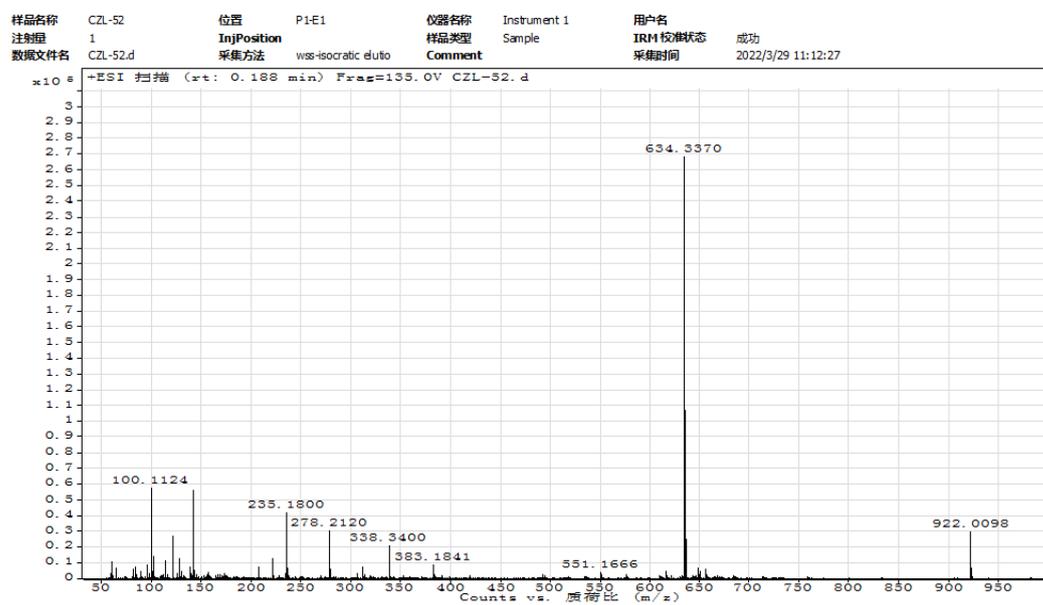


Figure S15. The ^1H -NMR spectrum of compound **3** in CDCl_3

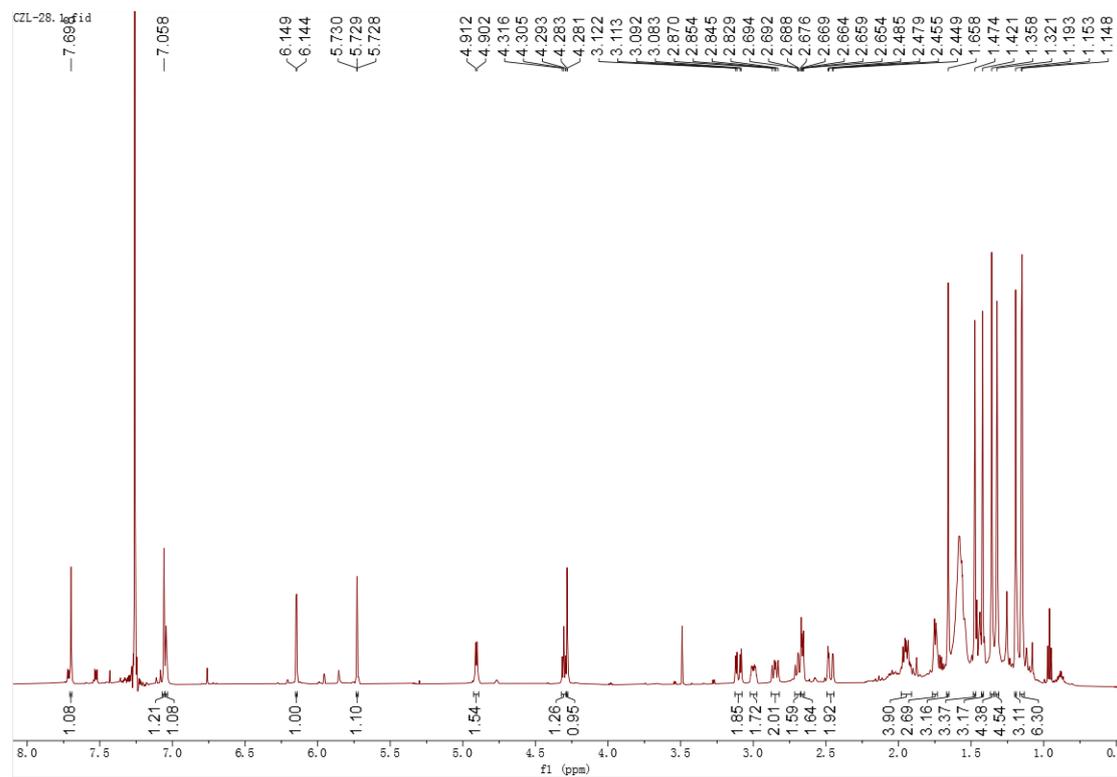


Figure S16. The ^{13}C -NMR spectrum of compound **3** in CDCl_3

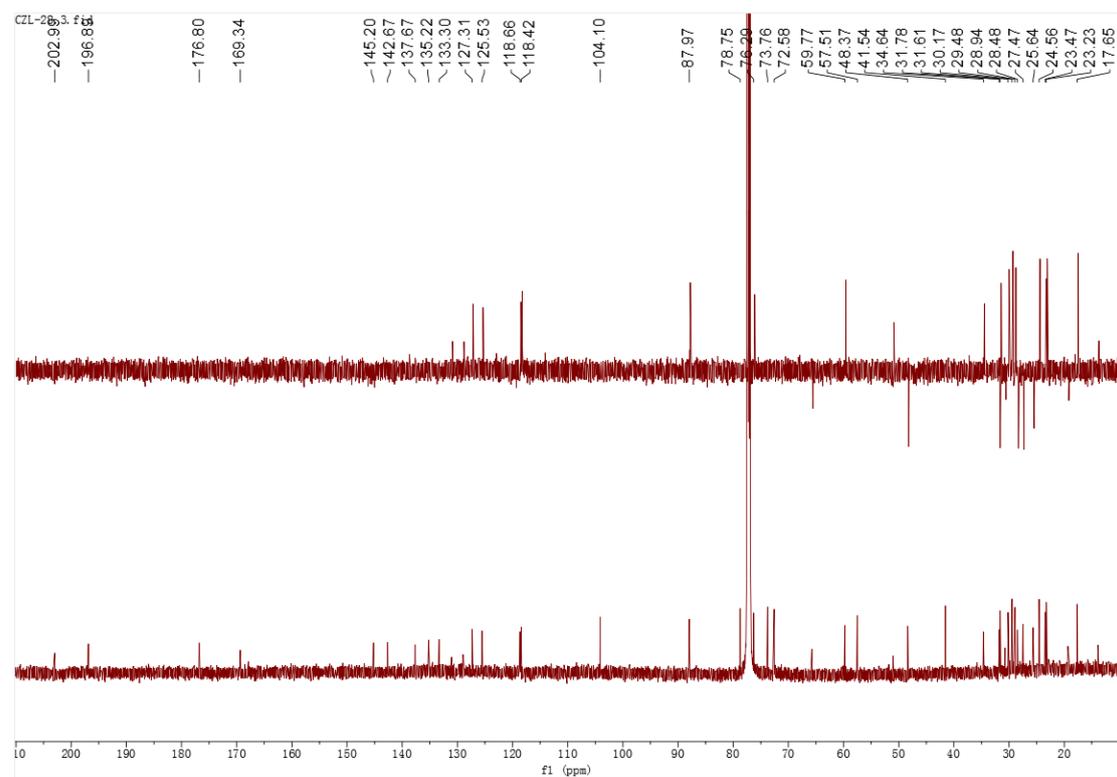


Figure S17. The HSQC spectrum of compound **3** in CDCl₃

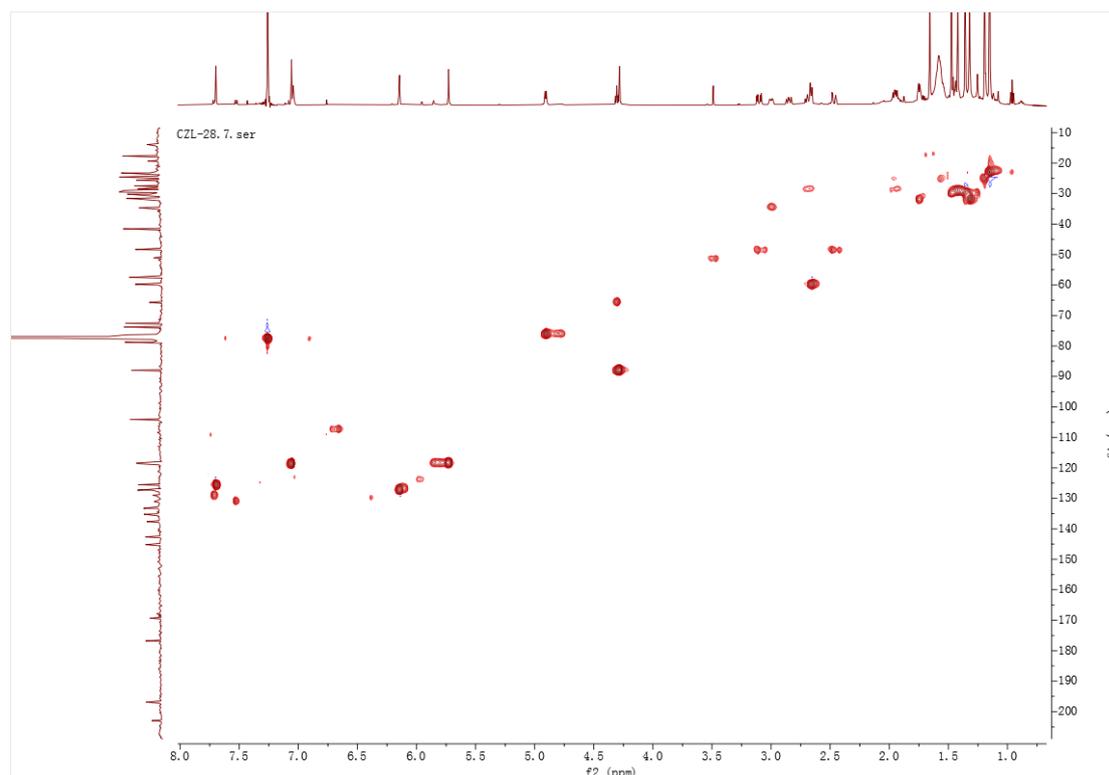


Figure S18. The ¹H-¹H COSY spectrum of compound **3** in CDCl₃

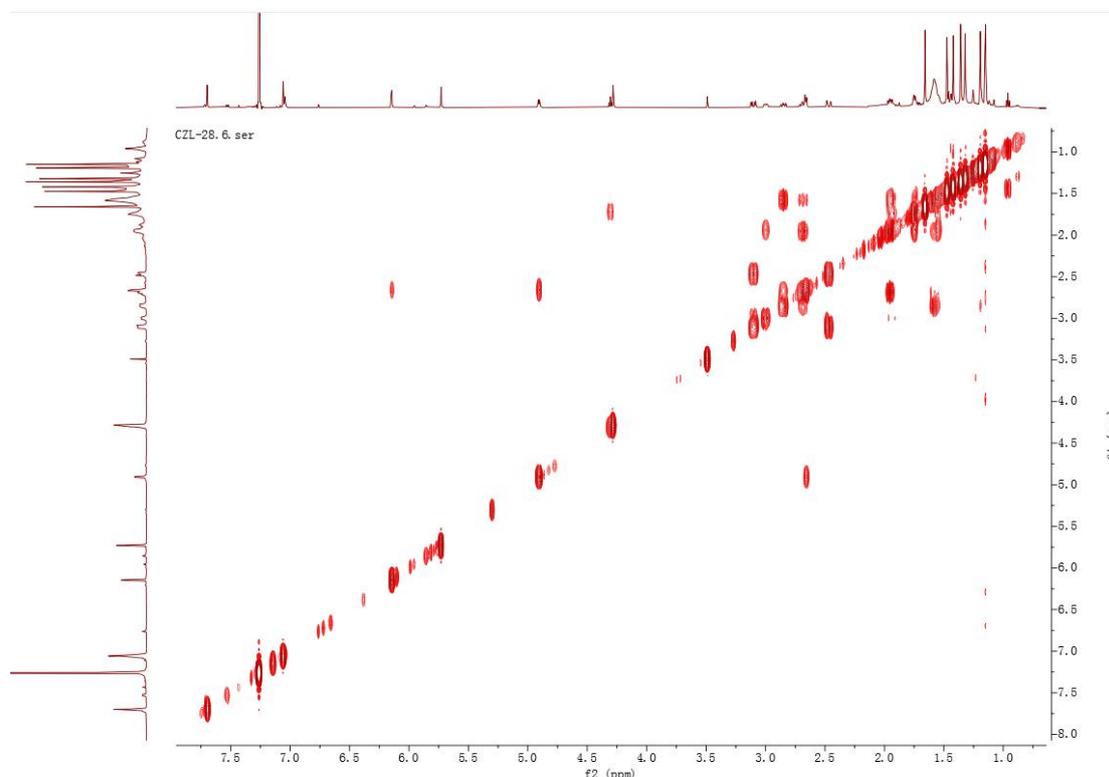


Figure S19. The HMBC spectrum of compound **3** in CDCl₃

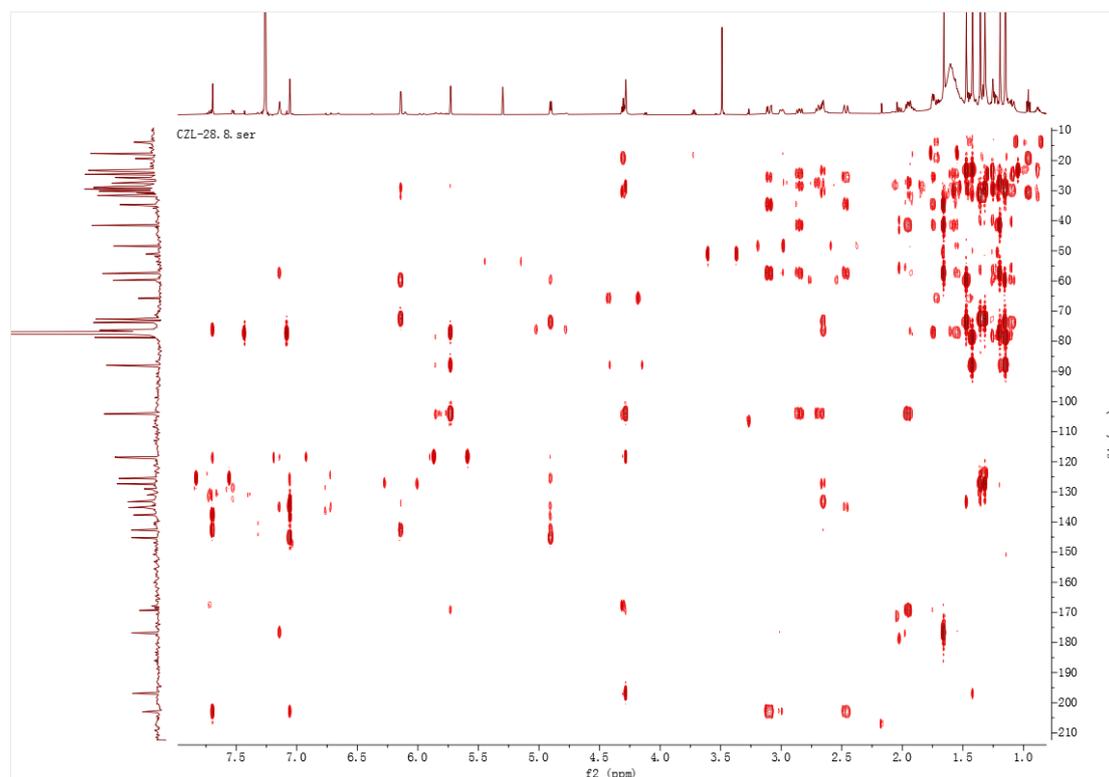


Figure S20. The NOESY spectrum of compound **3** in CDCl₃

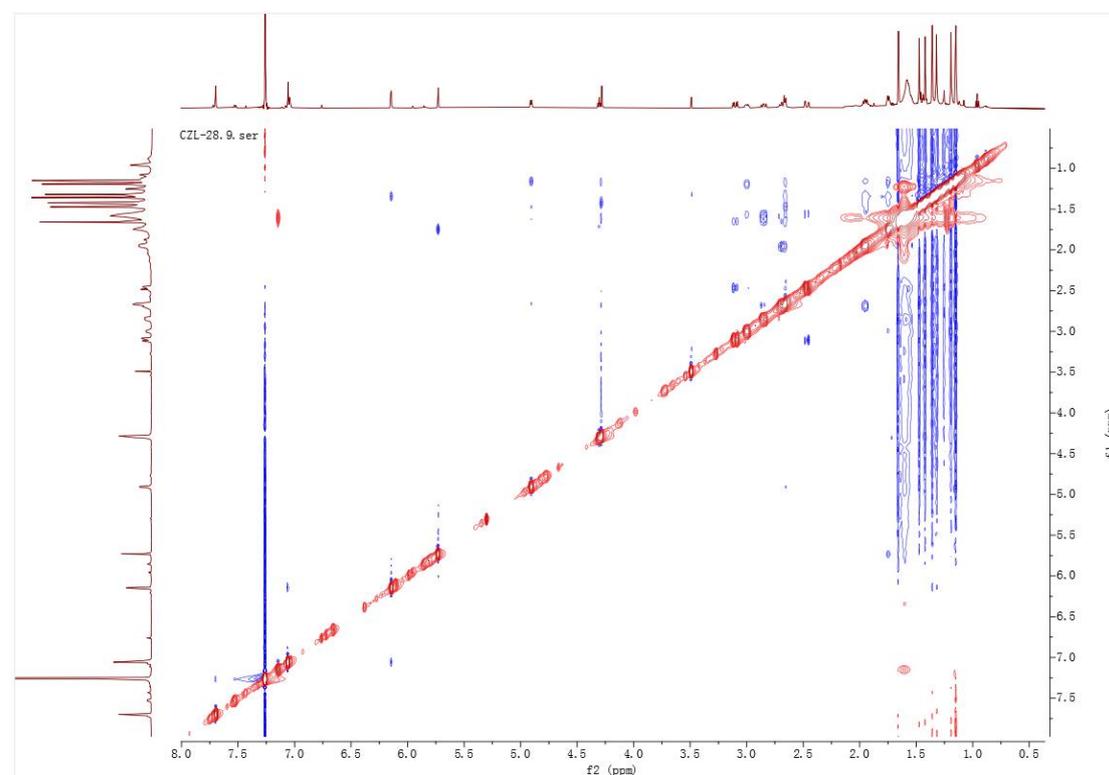


Figure S21. The (+)-HR-ESIMS spectrum of compound **3**

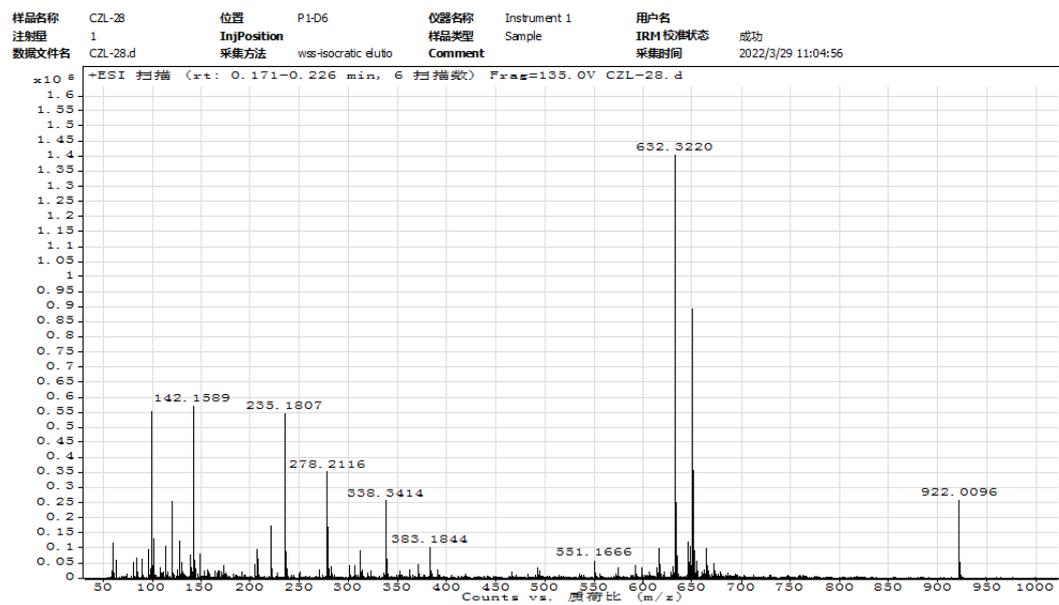


Figure S22. The ¹H-NMR spectrum of compound **4** in CDCl₃

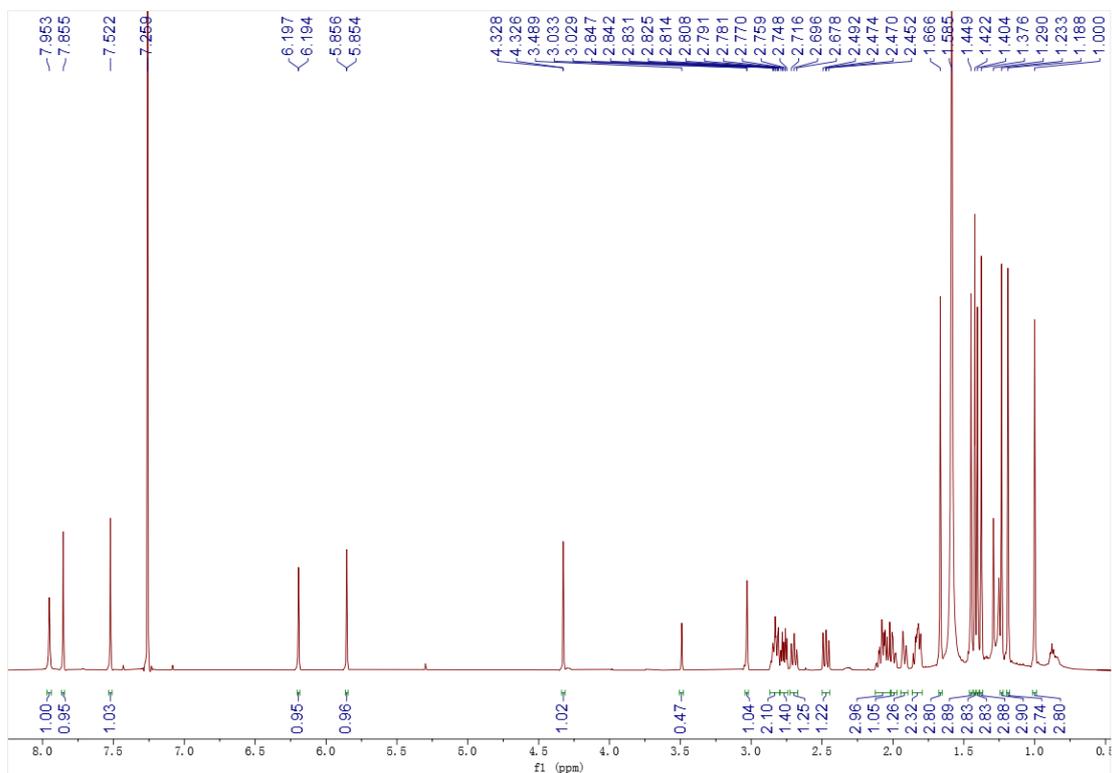


Figure S23. The ^{13}C -NMR spectrum of compound **4** in CDCl_3

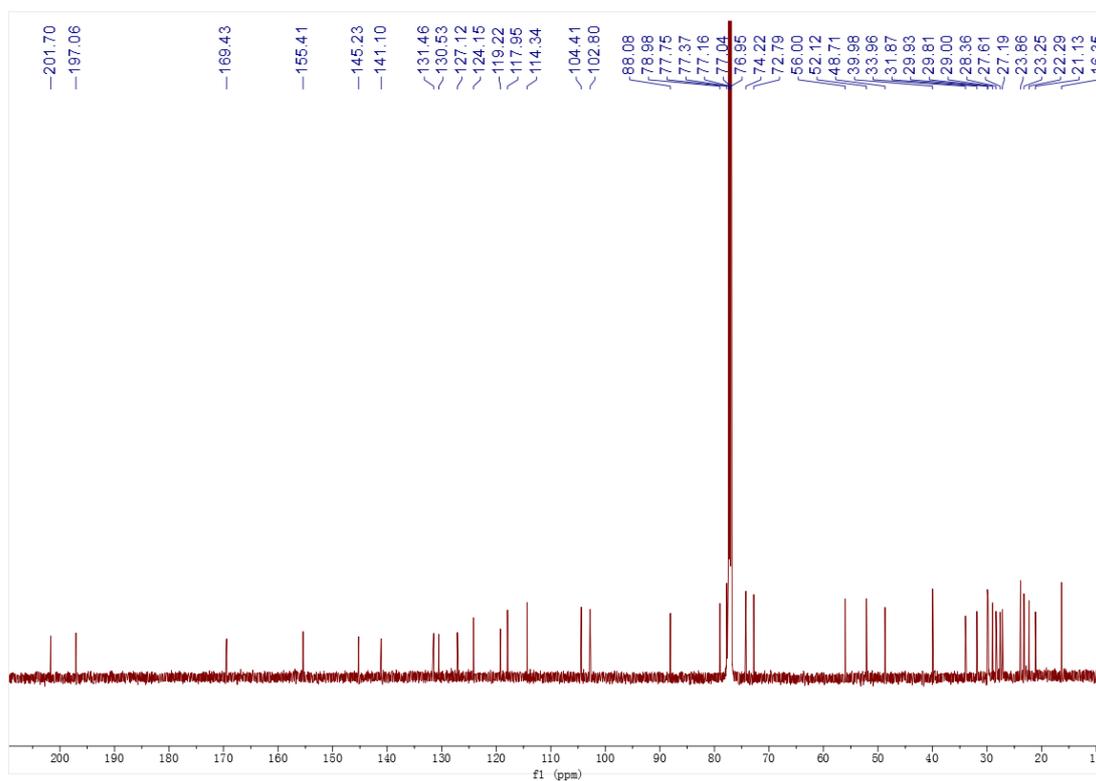


Figure S24. The HSQC spectrum of compound **4** in CDCl_3

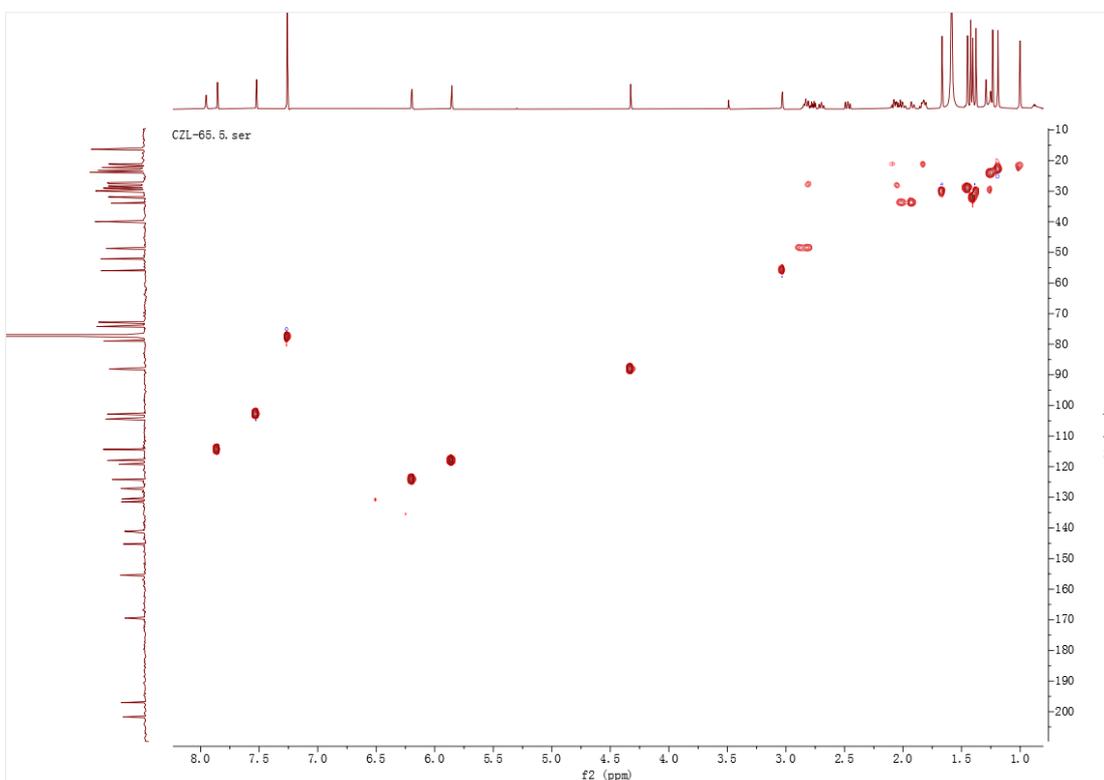


Figure S25. The ^1H - ^1H COSY spectrum of compound **4** in CDCl_3

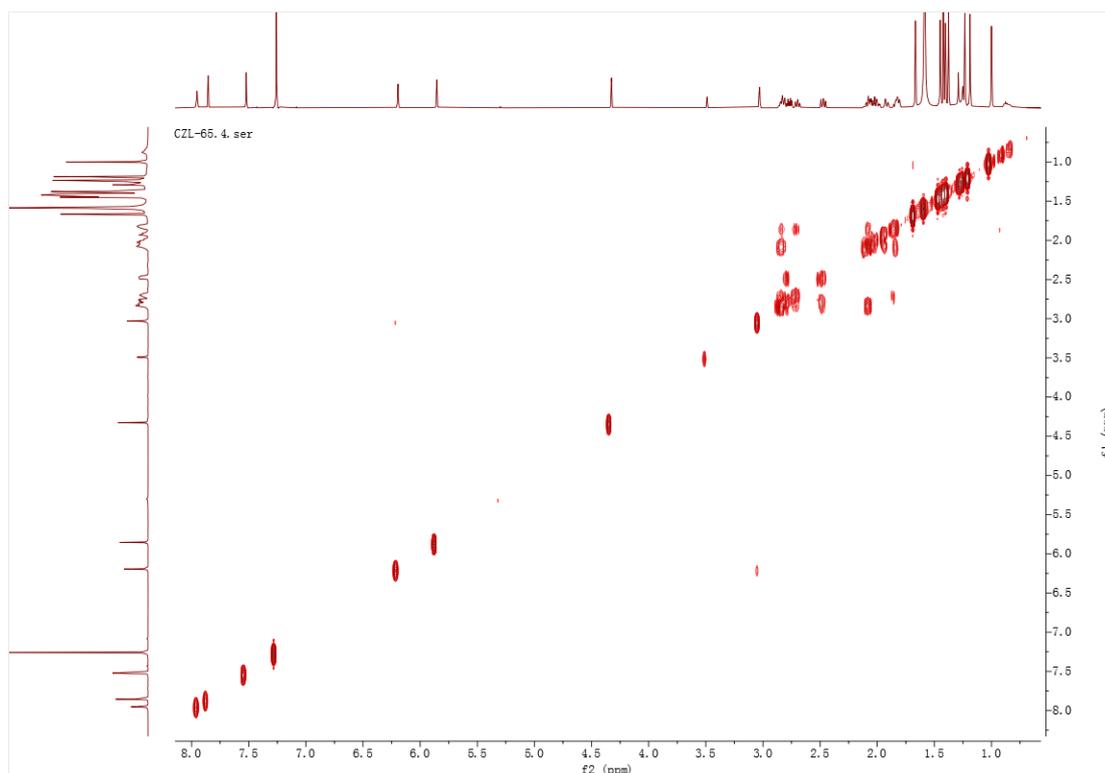


Figure S26. The HMBC spectrum of compound **4** in CDCl_3

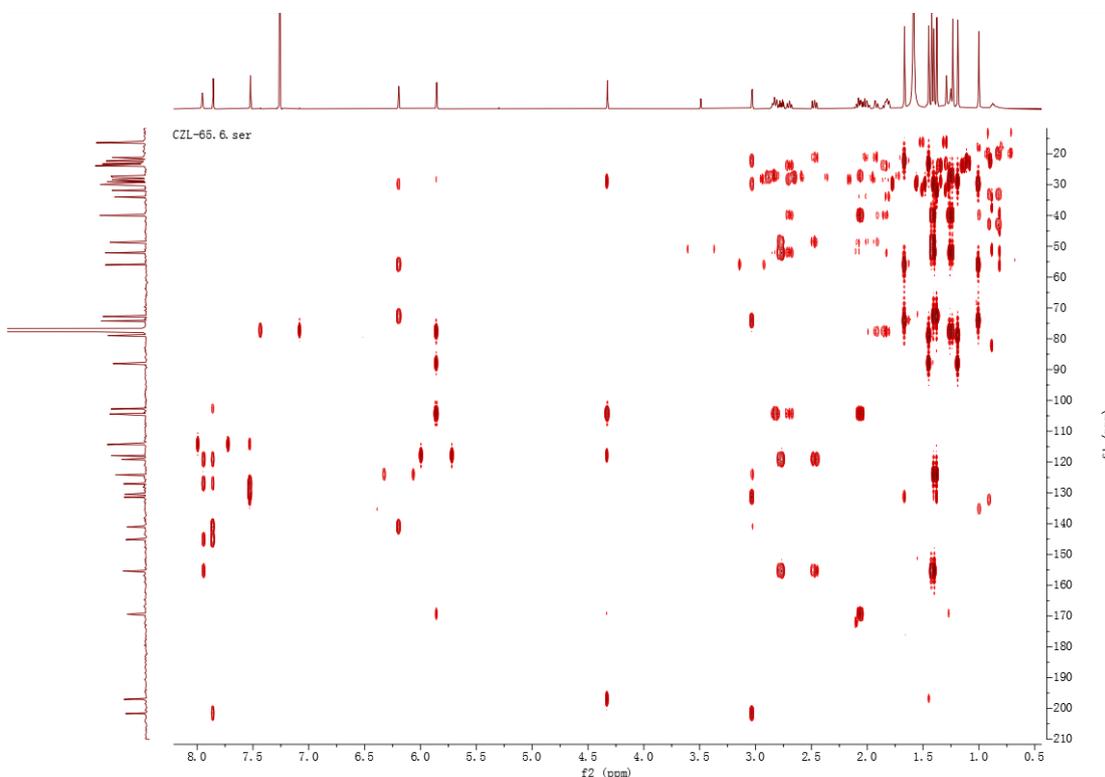


Figure S27. The NOESY spectrum of compound **4** in CDCl₃

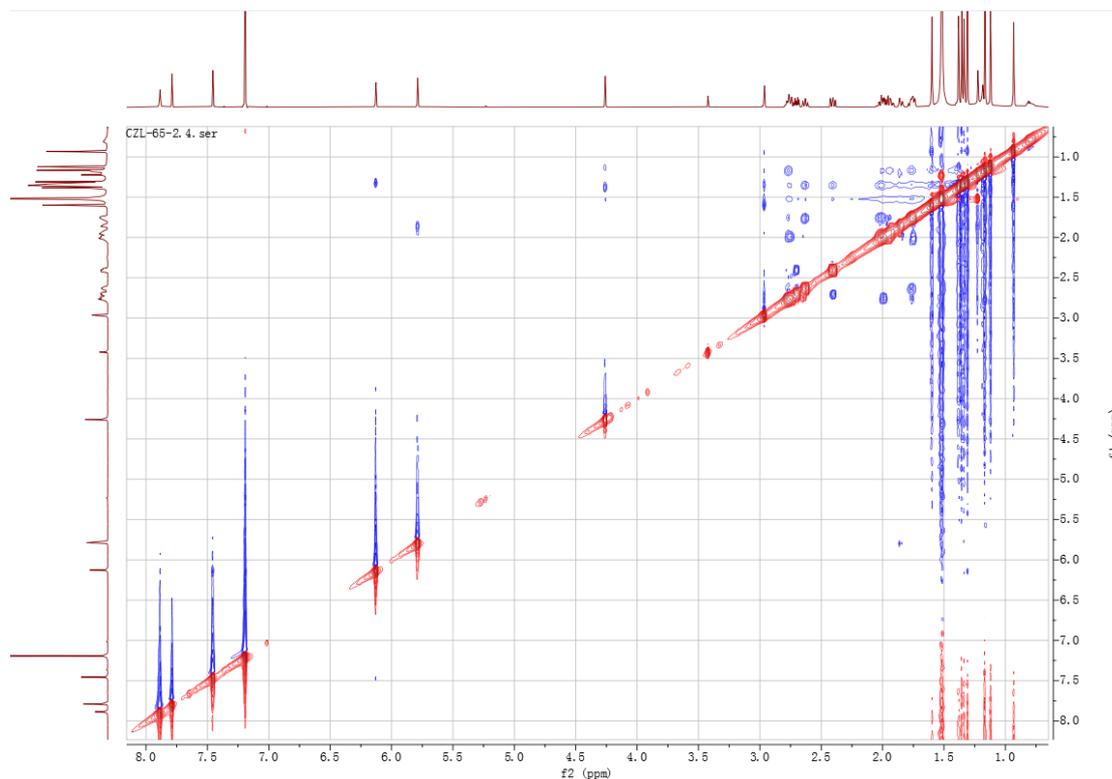


Figure S28. The (+)-HR-ESIMS spectrum of compound **4**

