

Supporting Information

Lipopeptide Epimers and a Phthalide Glycerol Ether with AChE Inhibitory Activities from the Marine-Derived Fungus *Cochliobolus Lunatus* SCSIO41401

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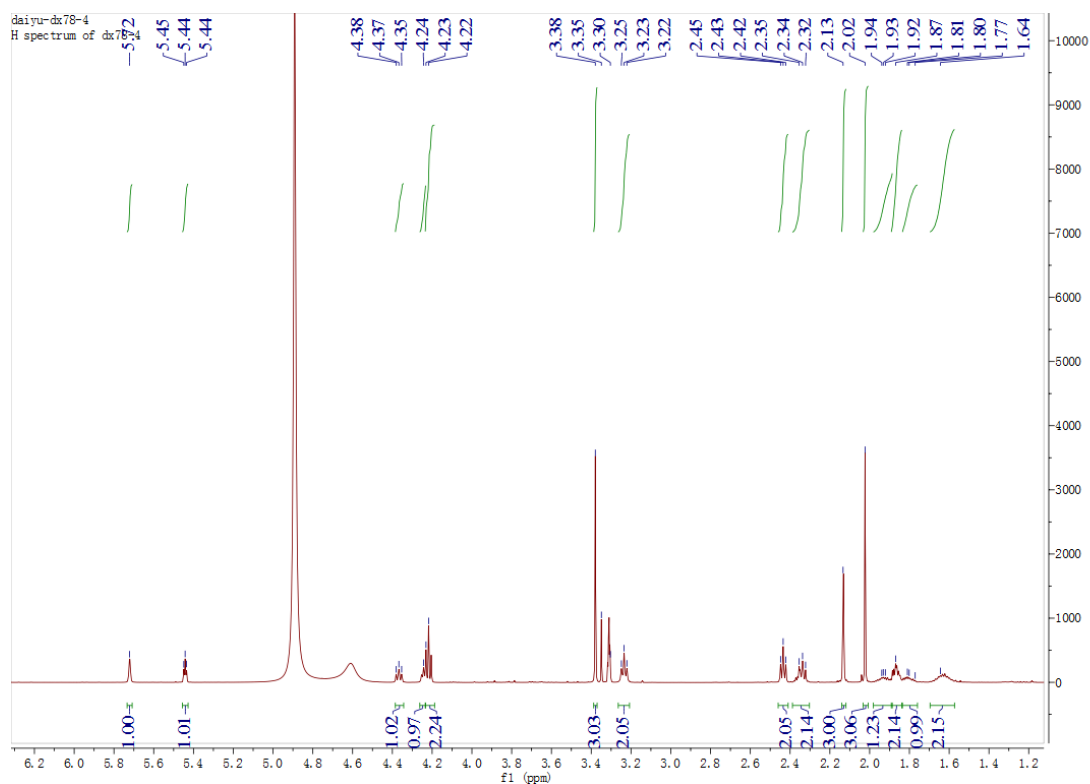


Figure S1. The ^1H -NMR spectrum of **1** in CD_3OD

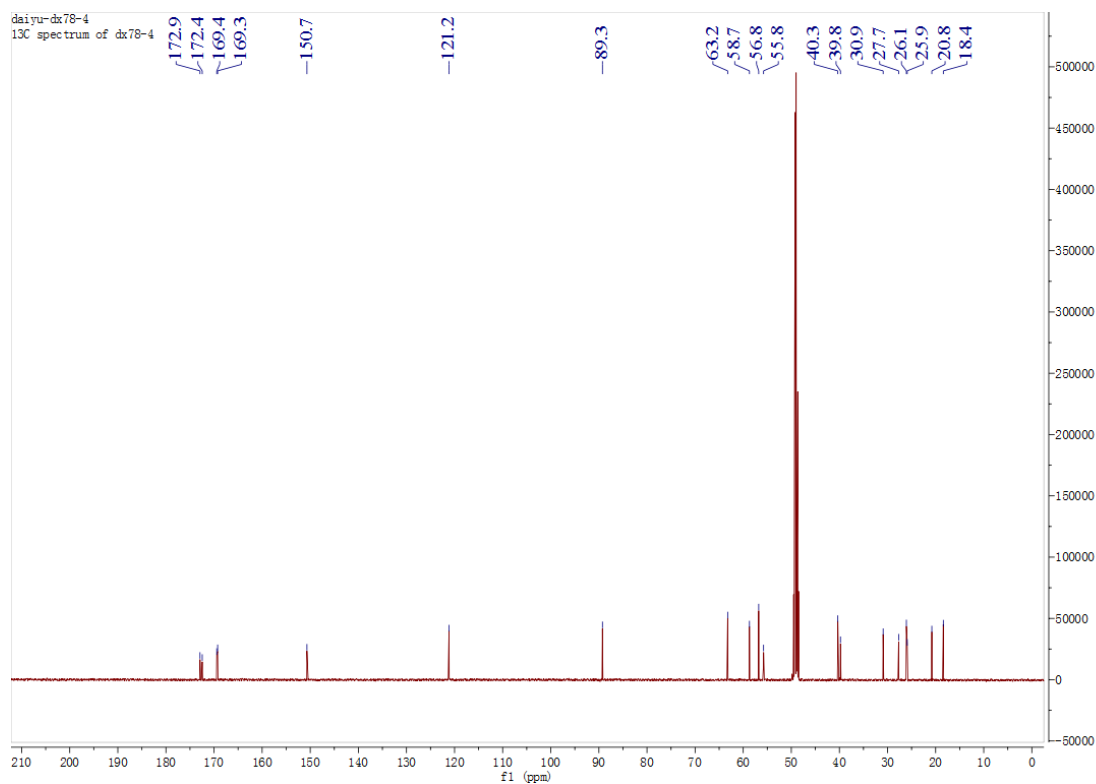


Figure S2. The ^{13}C -NMR spectrum of **1** in CD_3OD

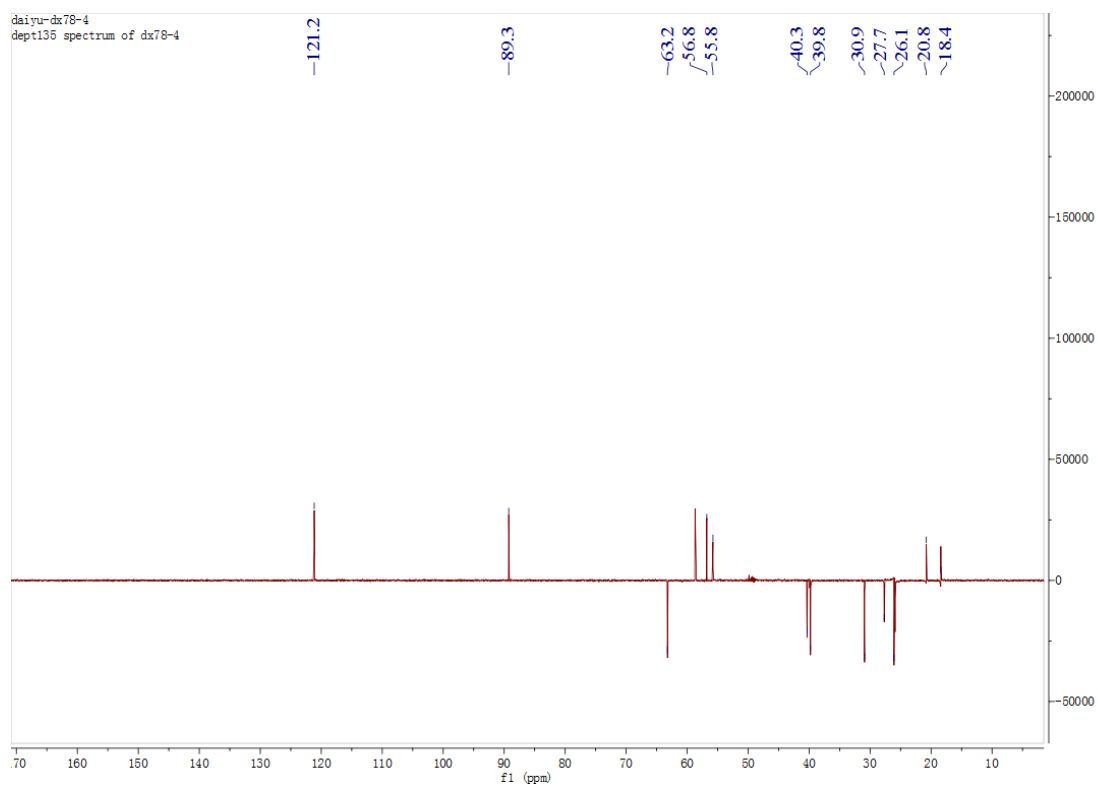


Figure S3. The DEPT 135 NMR spectrum of **1** in CD₃OD

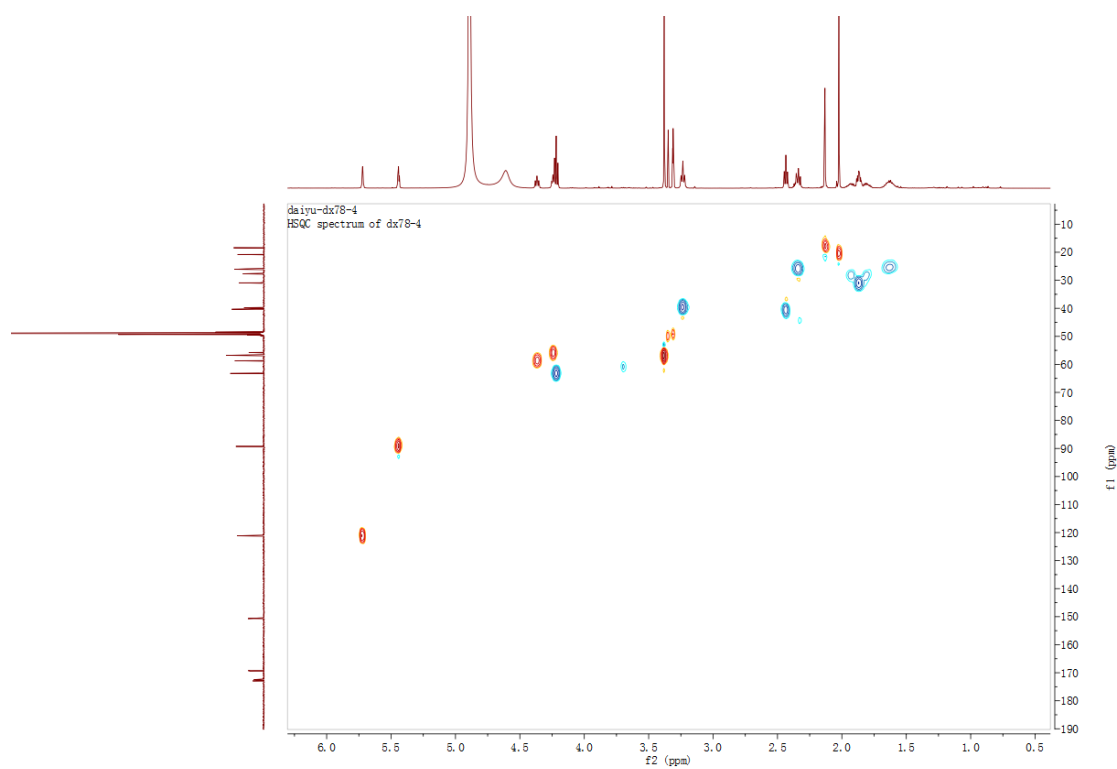


Figure S4. The HSQC spectrum of **1** in CD₃OD

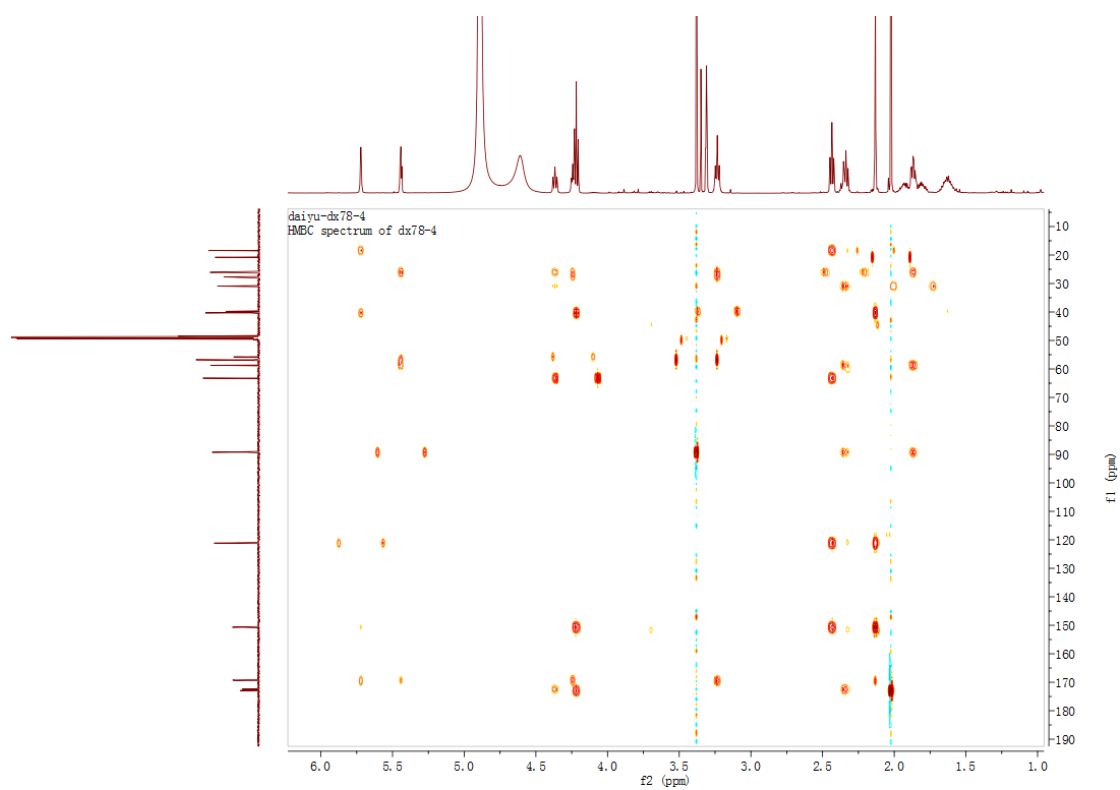


Figure S5. The HMBC spectrum of **1** in CD₃OD

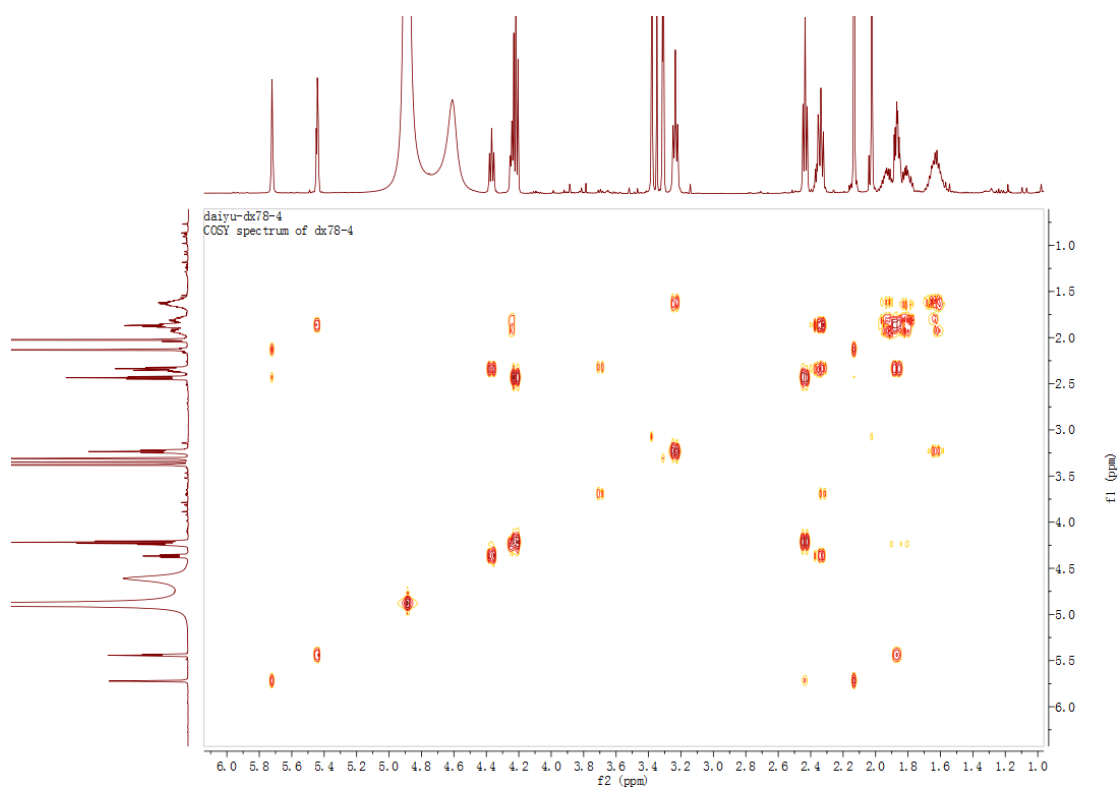


Figure S6. The COSY spectrum of **1** in CD₃OD

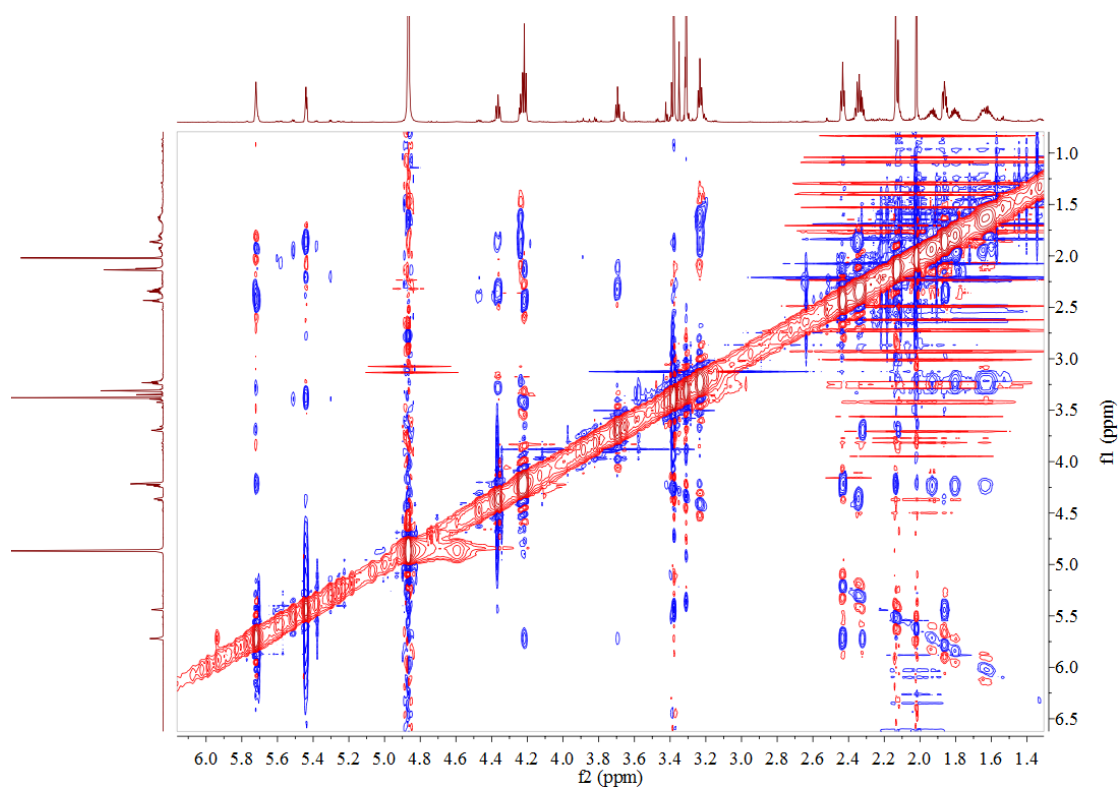


Figure S7. The ROESY spectrum of **1** in CD₃OD

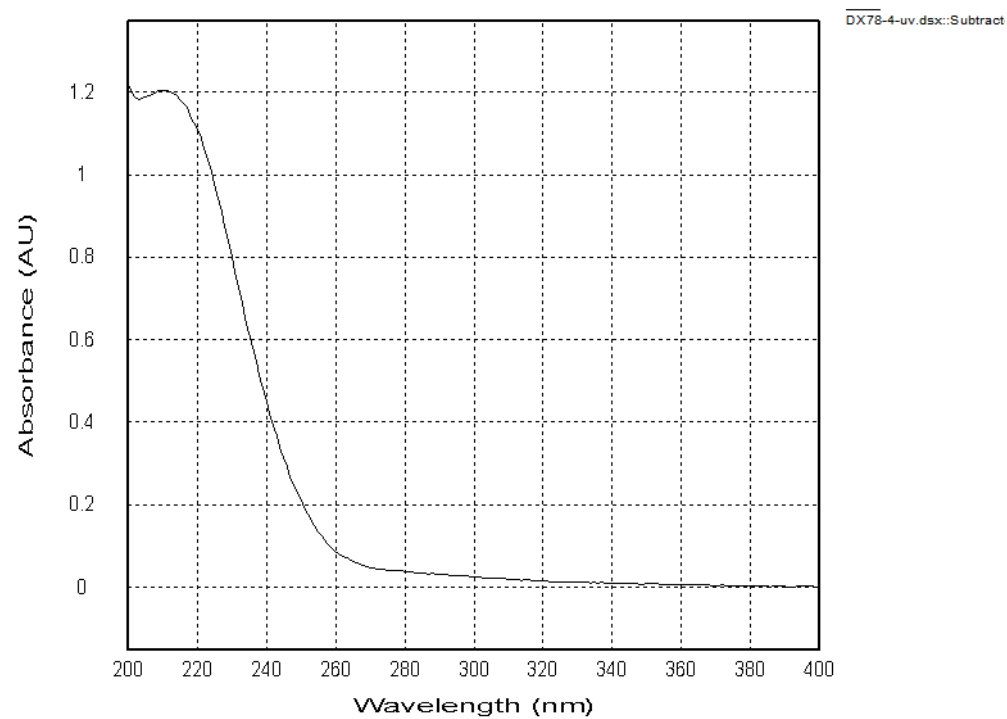


Figure S8. The UV spectrum of **1**

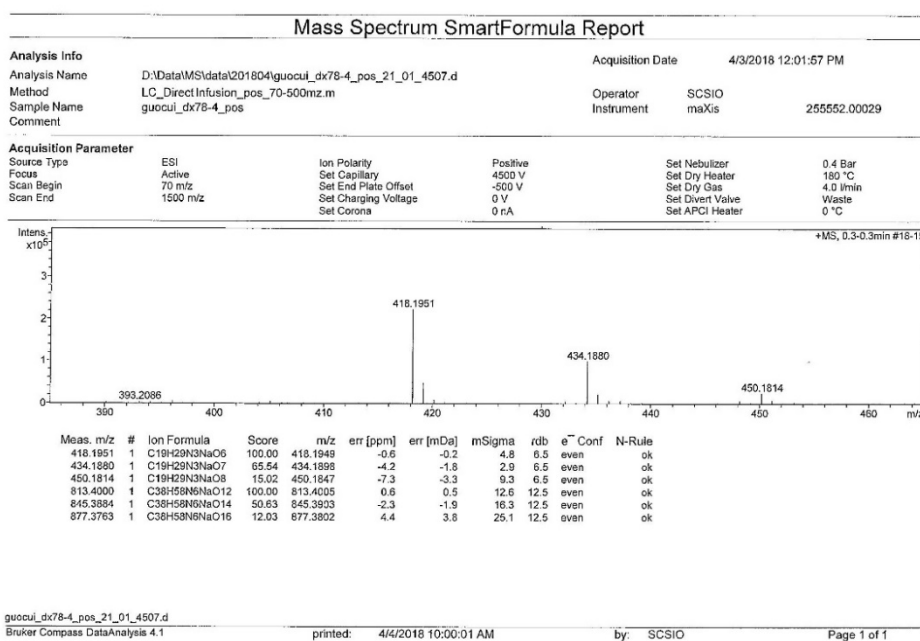


Figure S9. The (+)-HRESIMS spectrum of **1**

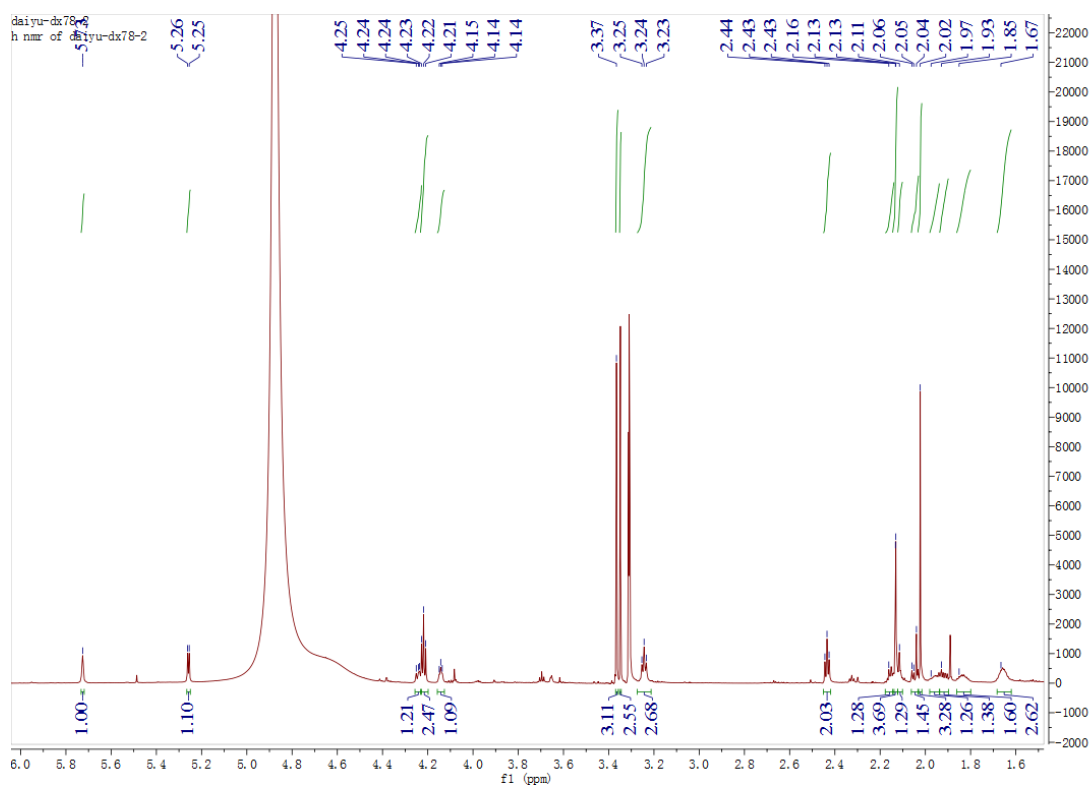


Figure S10. The ¹H-NMR spectrum of **2** in CD₃OD

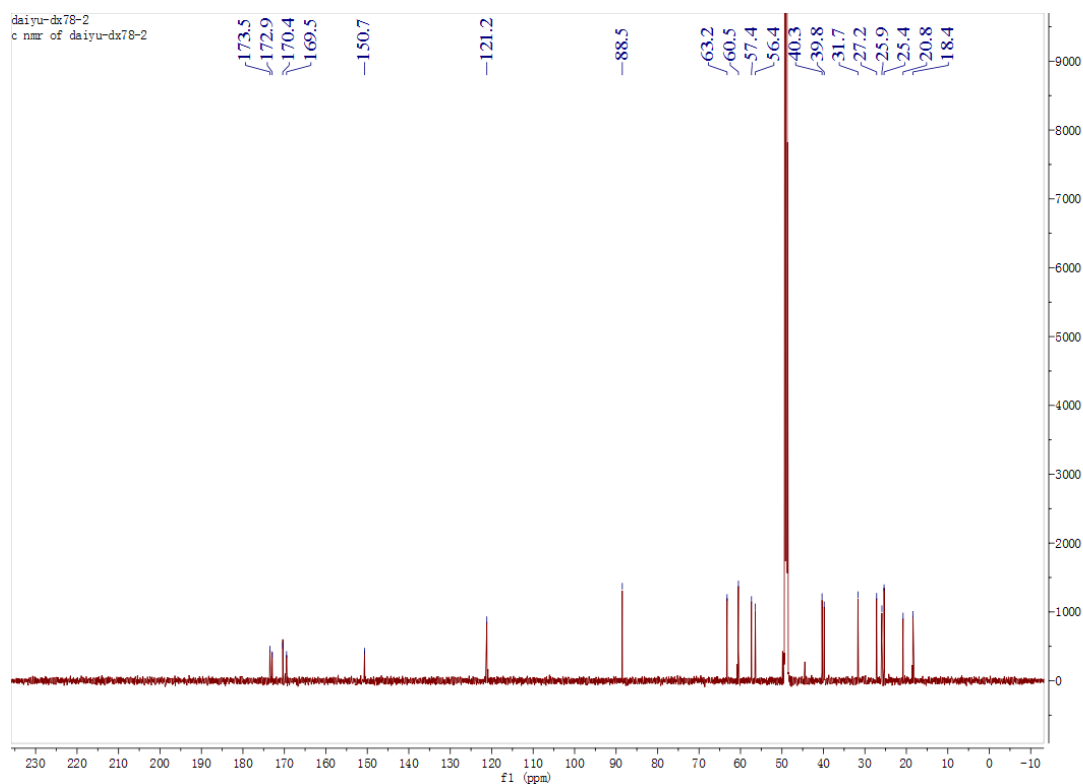


Figure S11. The ^{13}C -NMR spectrum of **2** in CD_3OD

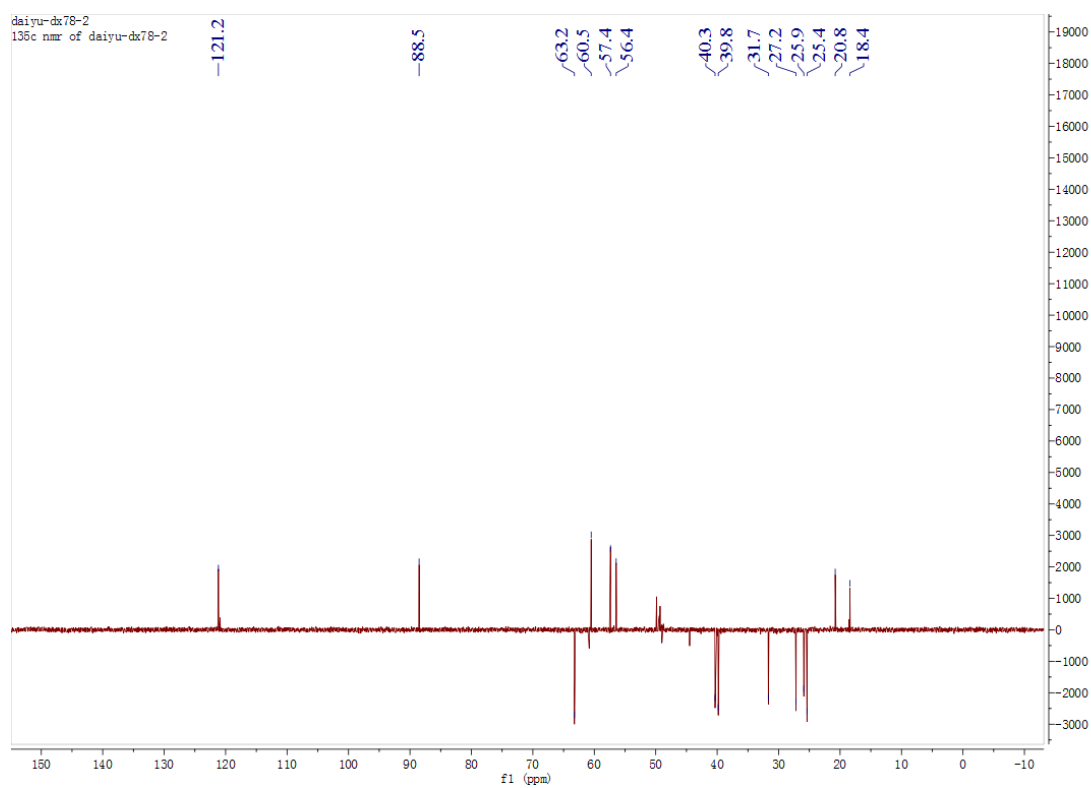


Figure S12. The DEPT 135 NMR spectrum of **2** in CD_3OD

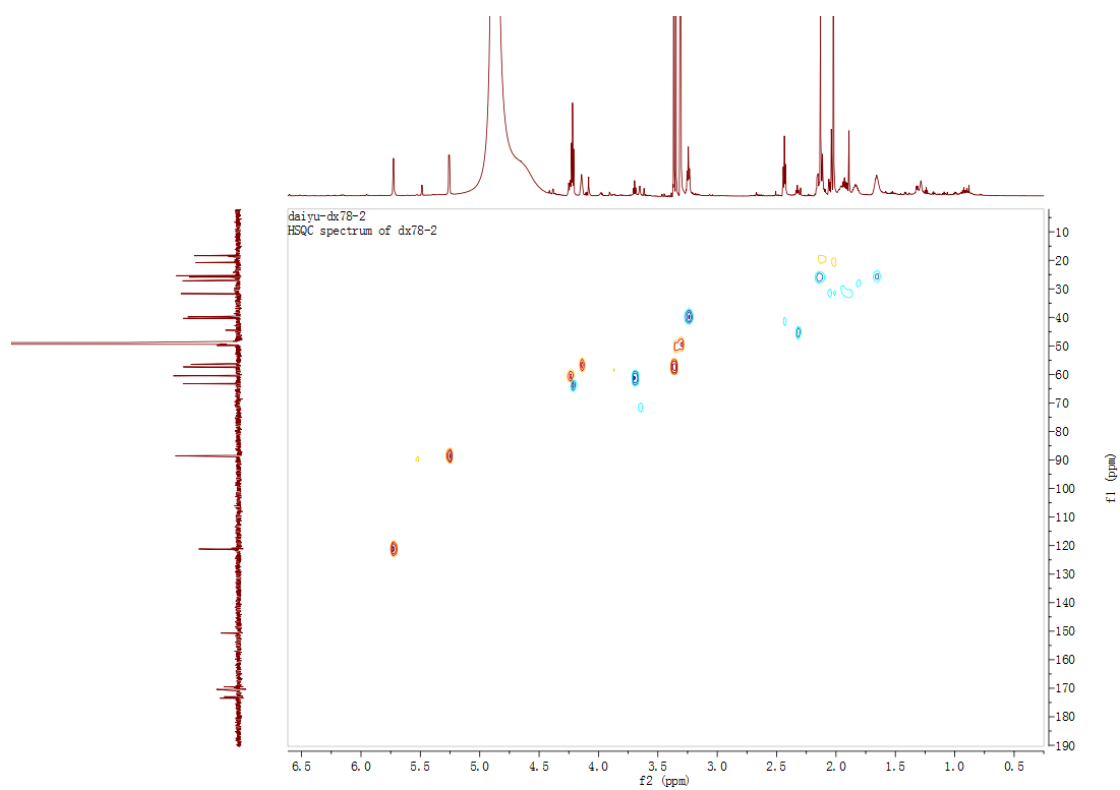


Figure S13. The HSQC spectrum of **2** in CD₃OD

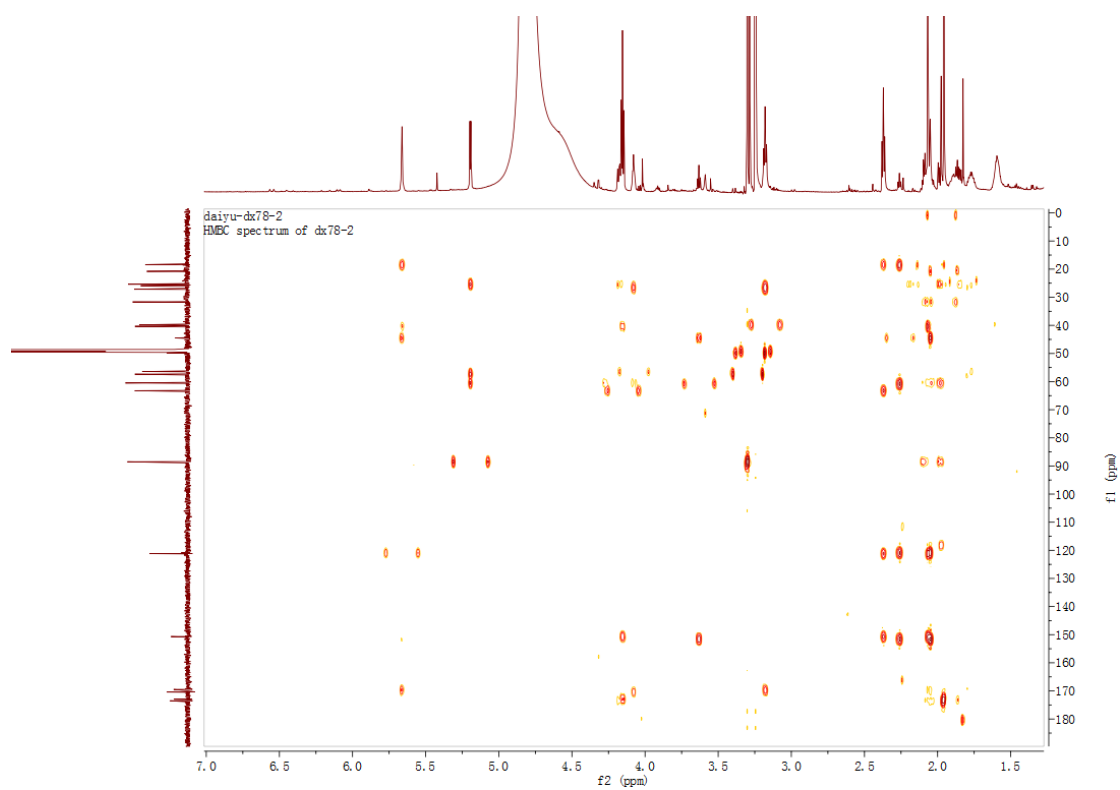


Figure S14. The HMBC spectrum of **2** in CD₃OD

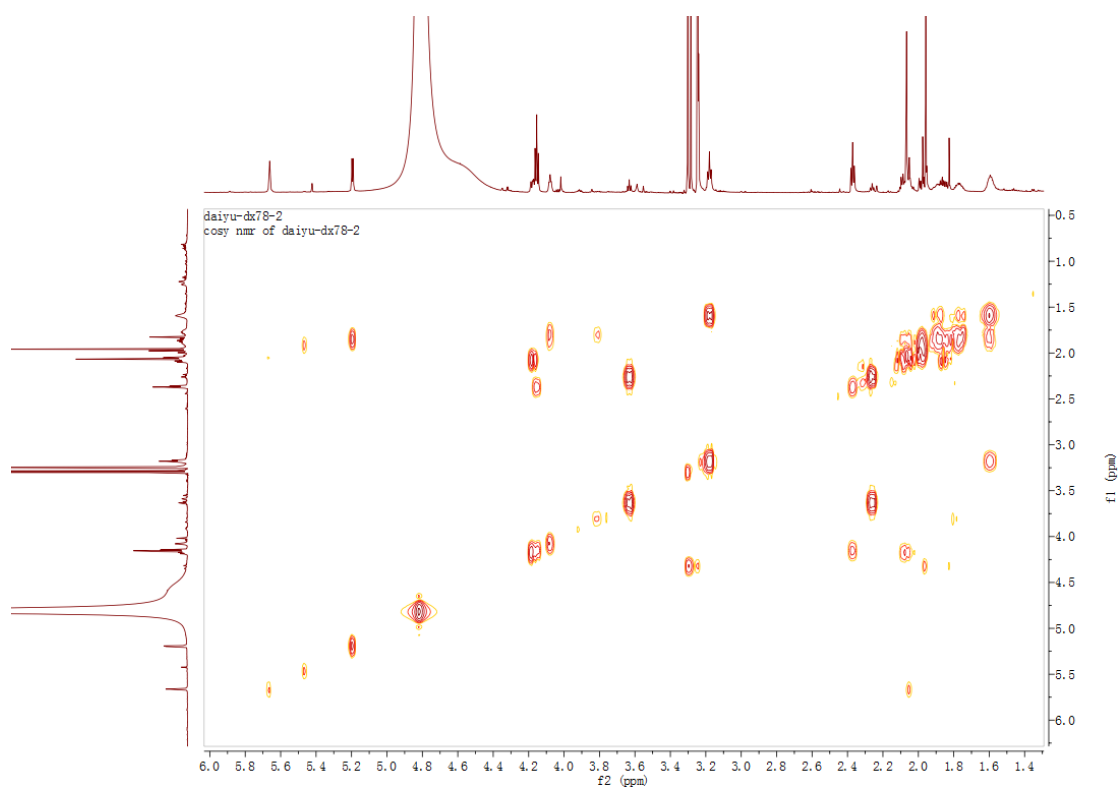


Figure S15. The COSY spectrum of **2** in CD₃OD

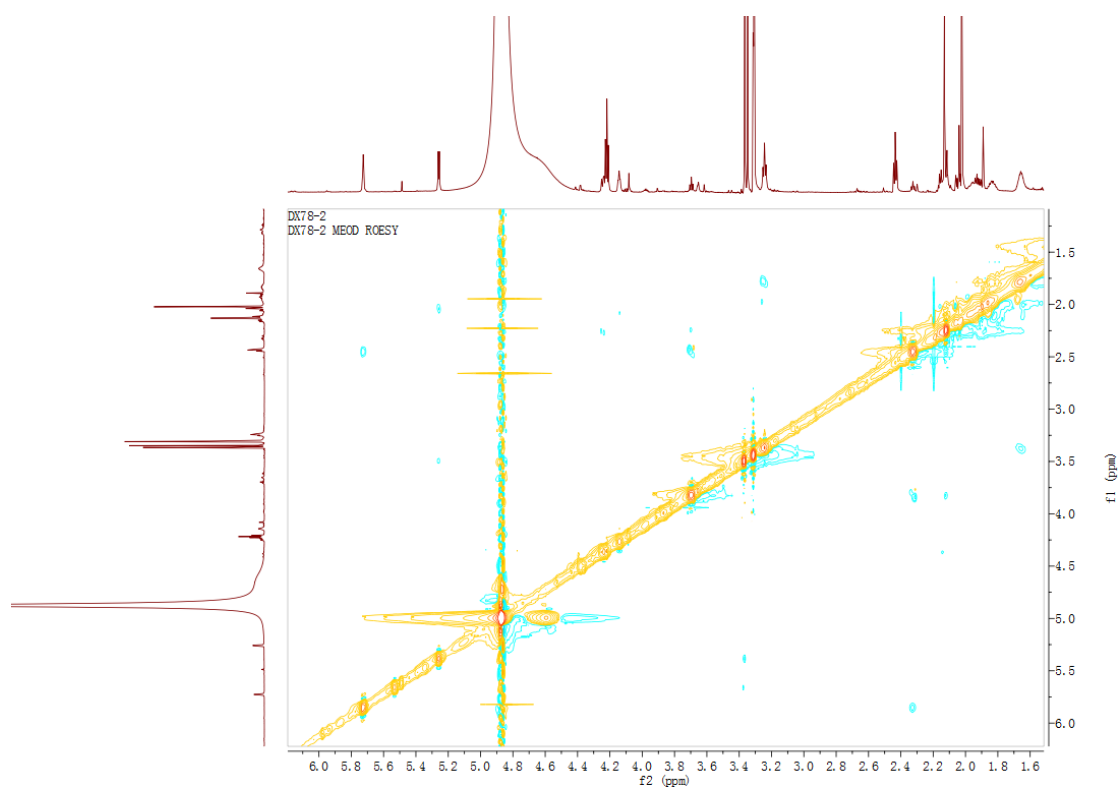


Figure S16. The ROESY spectrum of **2** in CD₃OD

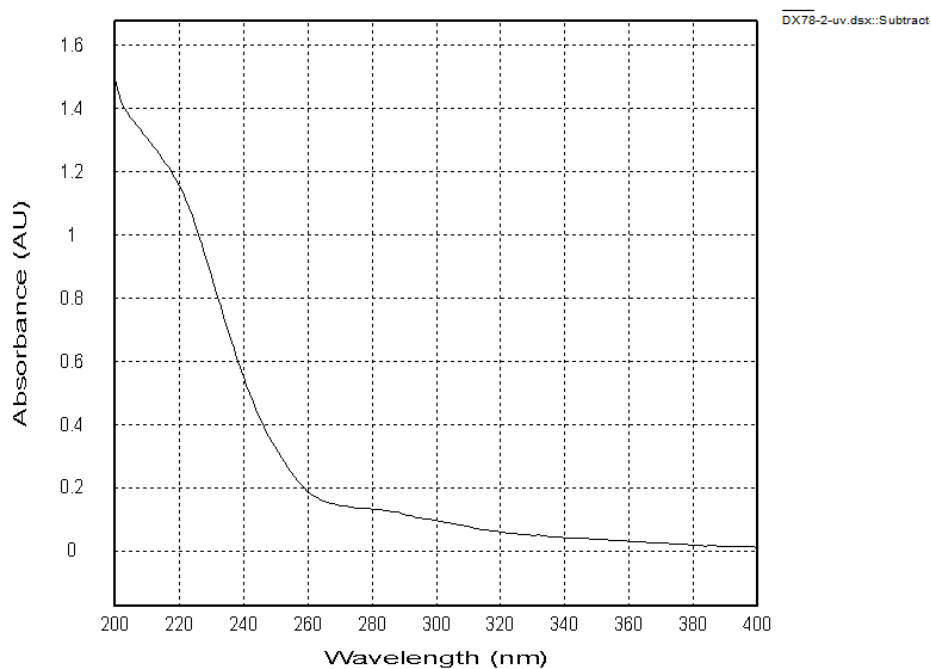


Figure S17. The UV spectrum of **2**

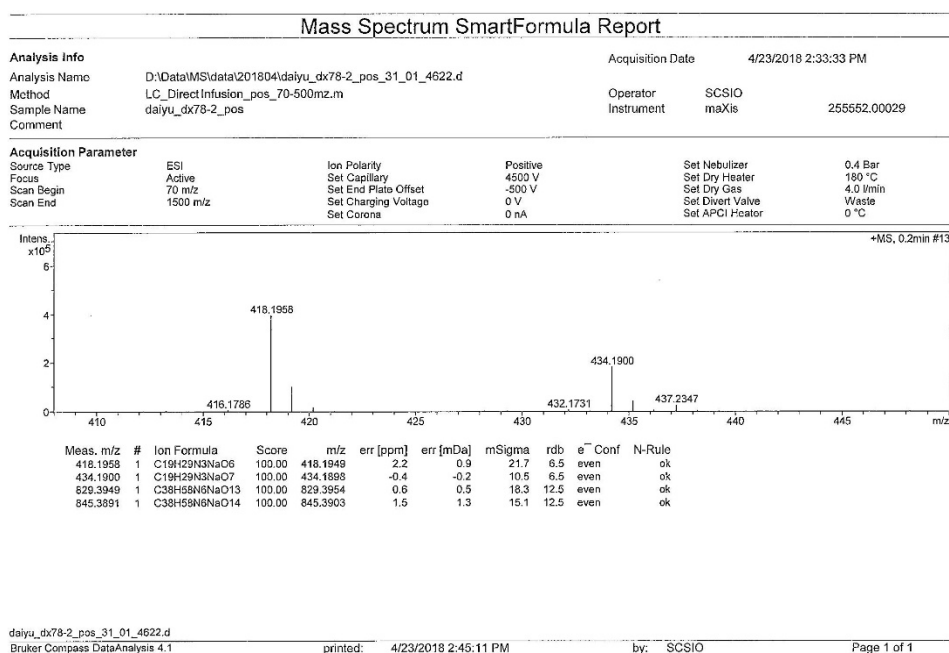


Figure S18. The (+)-HRESIMS spectrum of **2**

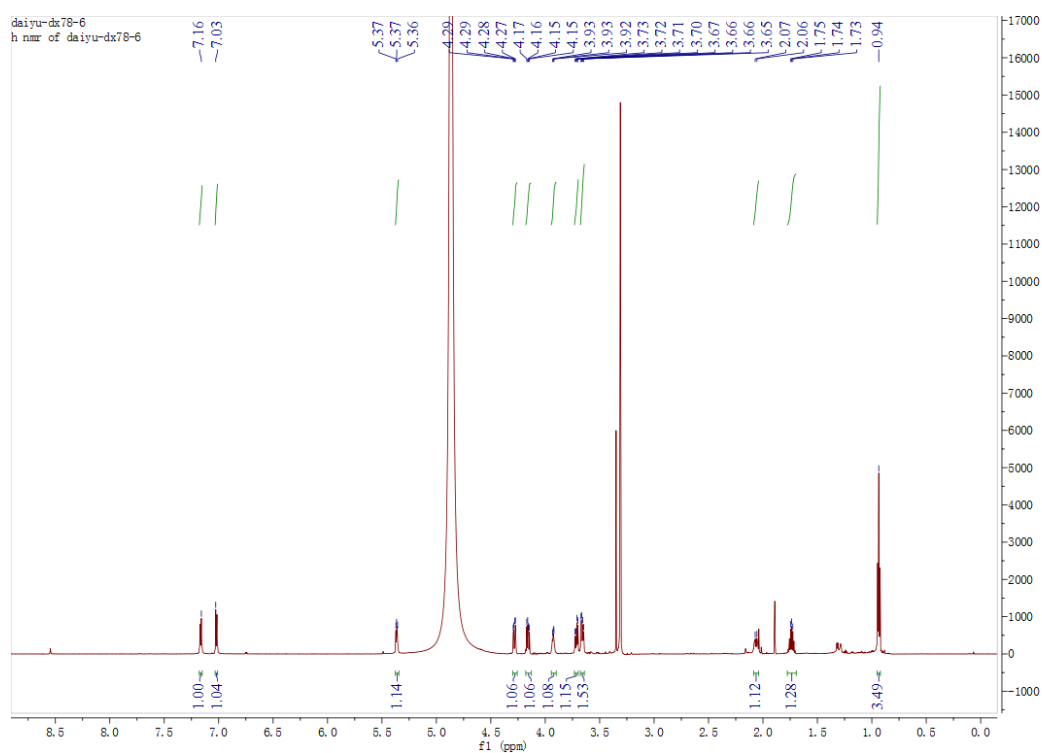


Figure S19. The ^1H -NMR spectrum of **3** in CD_3OD

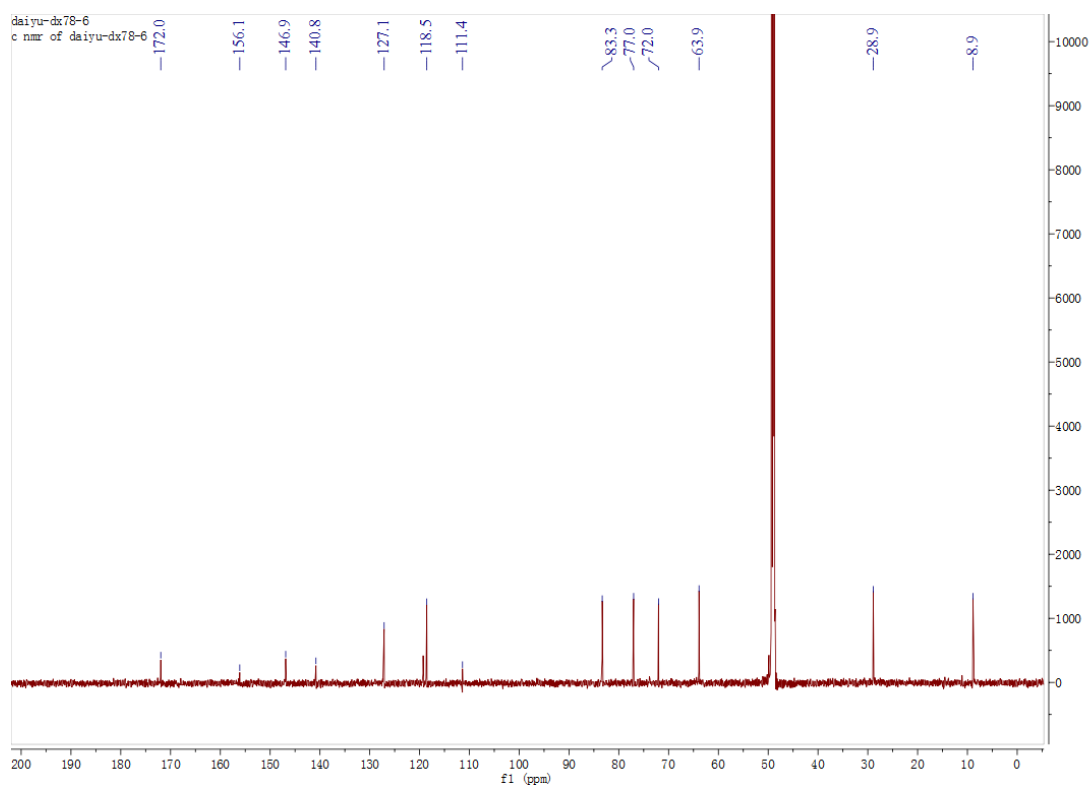


Figure S20. The ^{13}C -NMR spectrum of **3** in CD_3OD



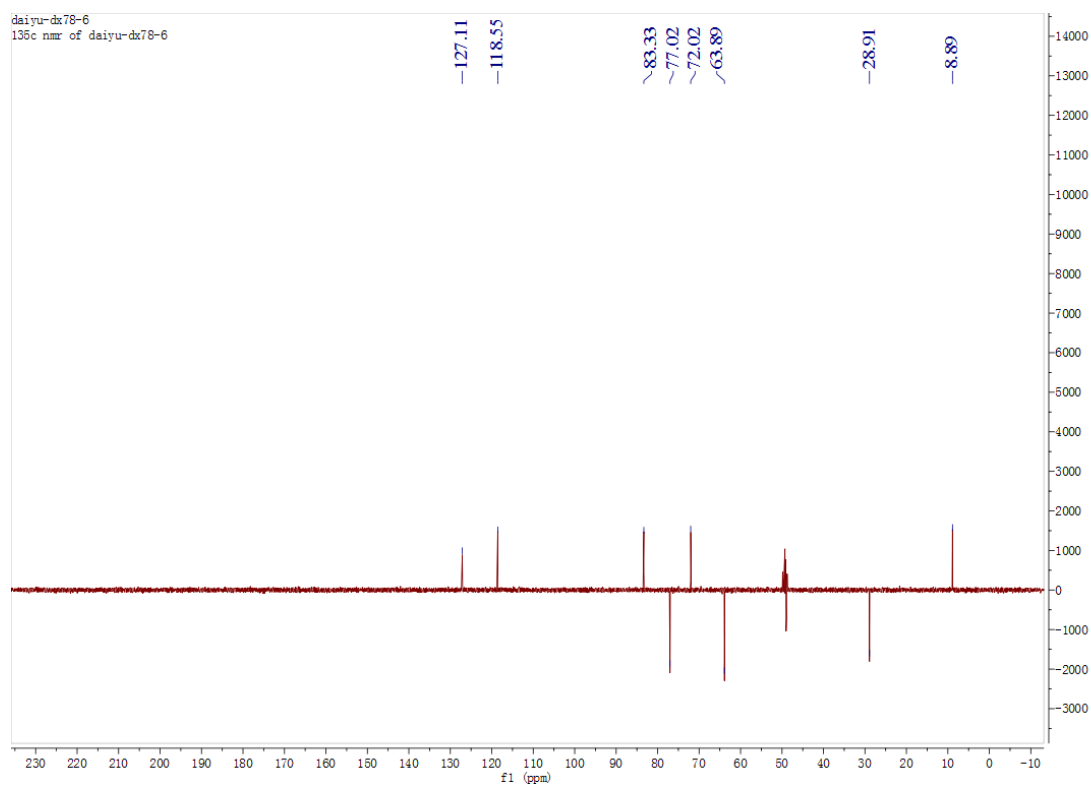


Figure S21. The DEPT 135 NMR spectrum of **3** in CD₃OD

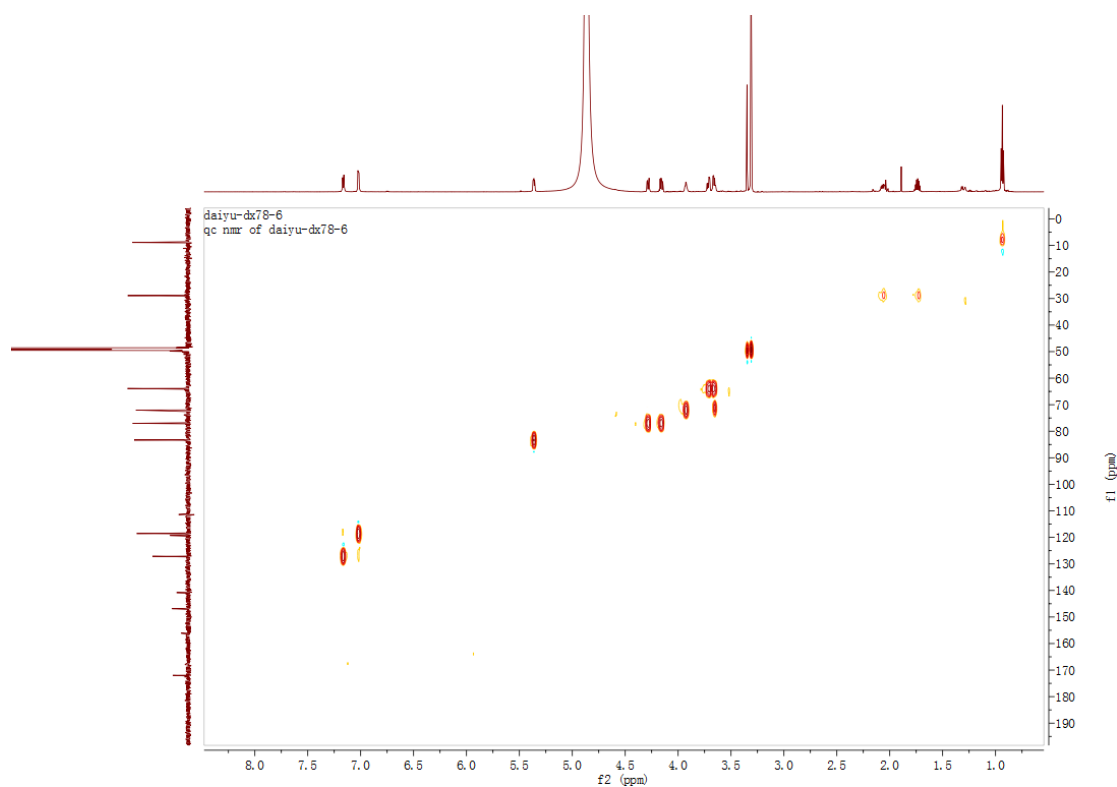


Figure S22. The HSQC spectrum of **3** in CD₃OD

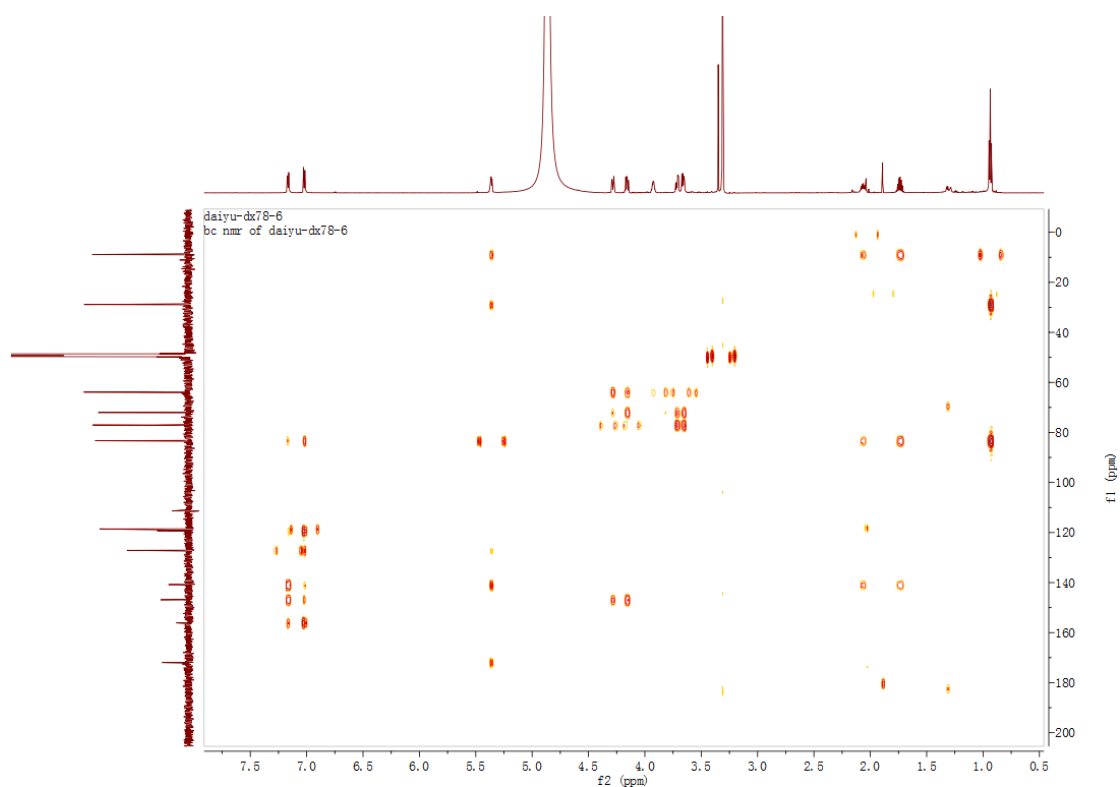


Figure S23. The HMBC spectrum of **3** in CD₃OD

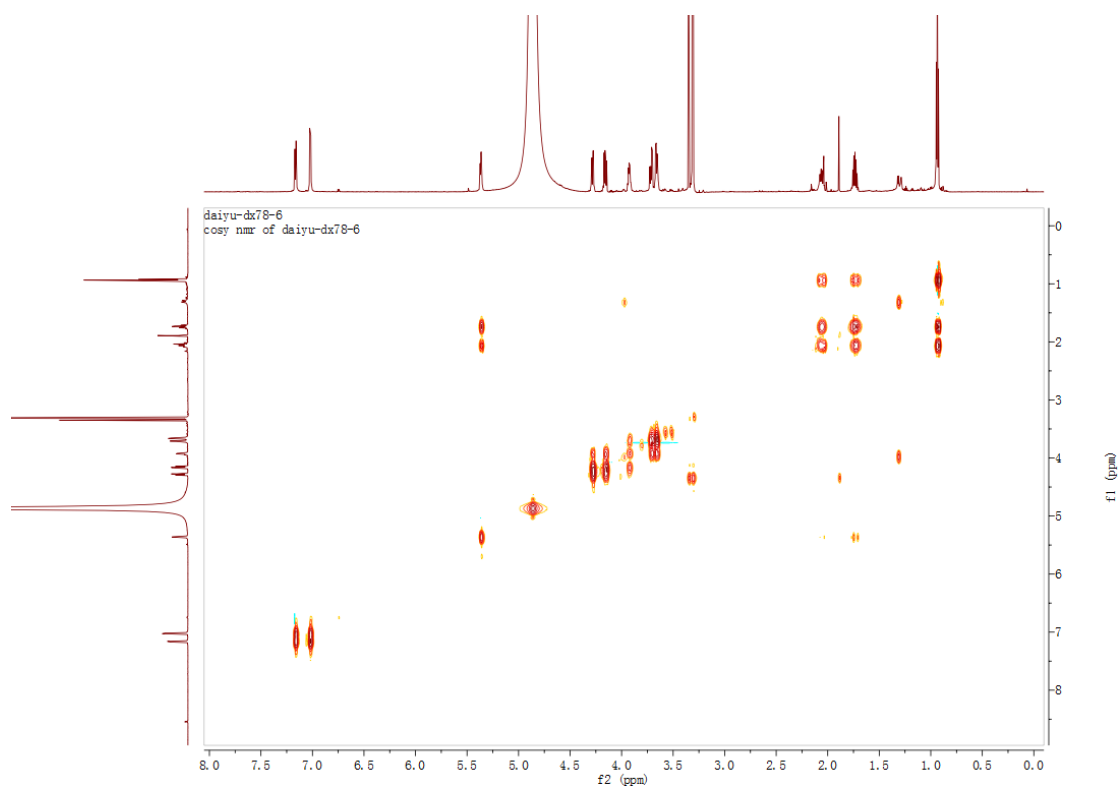


Figure S24. The ¹H-¹H COSY spectrum of **3** in CD₃OD

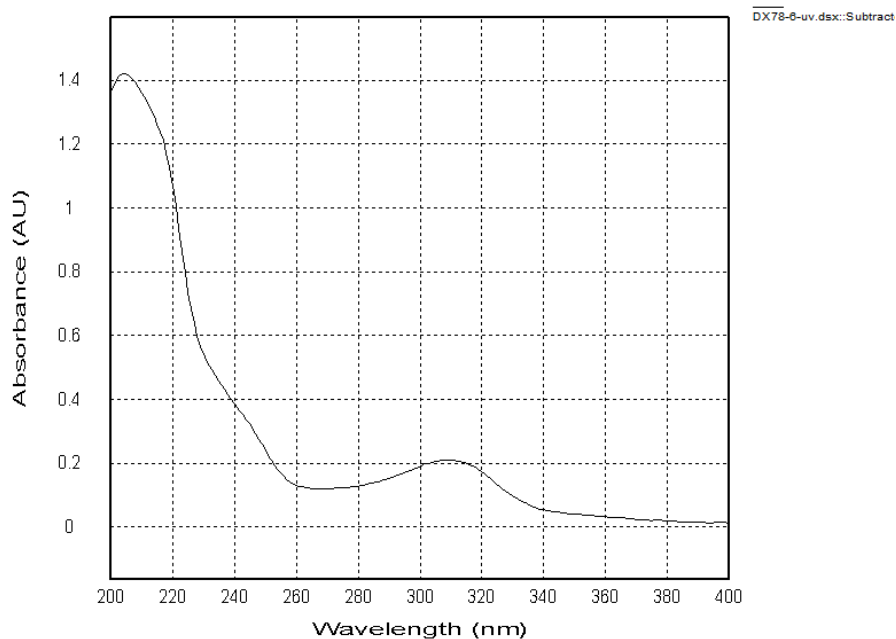


Figure S25. The UV spectrum of **3**

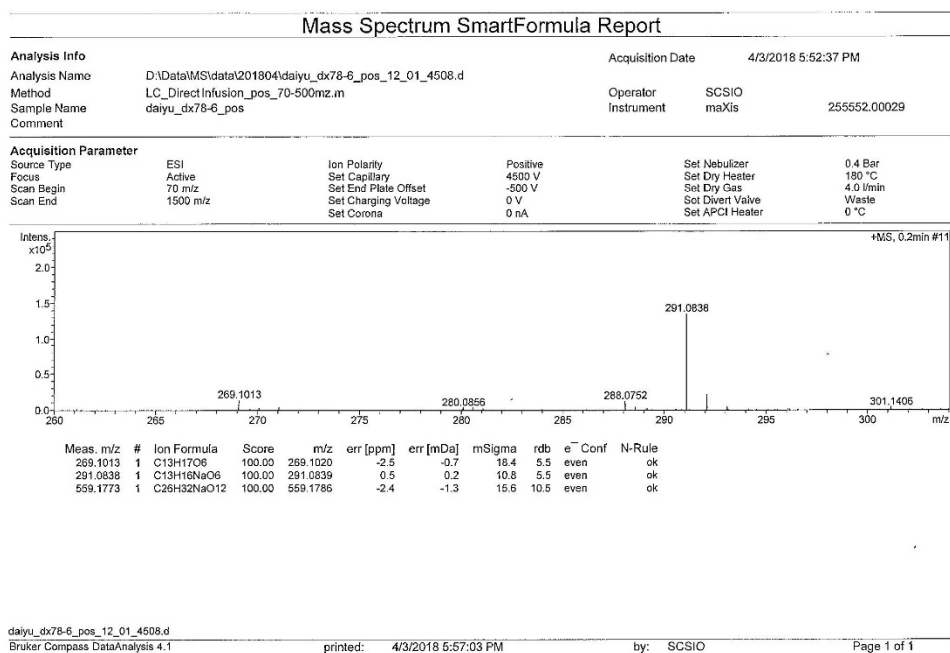


Figure S26. The (+)-HRESIMS spectrum of **3**

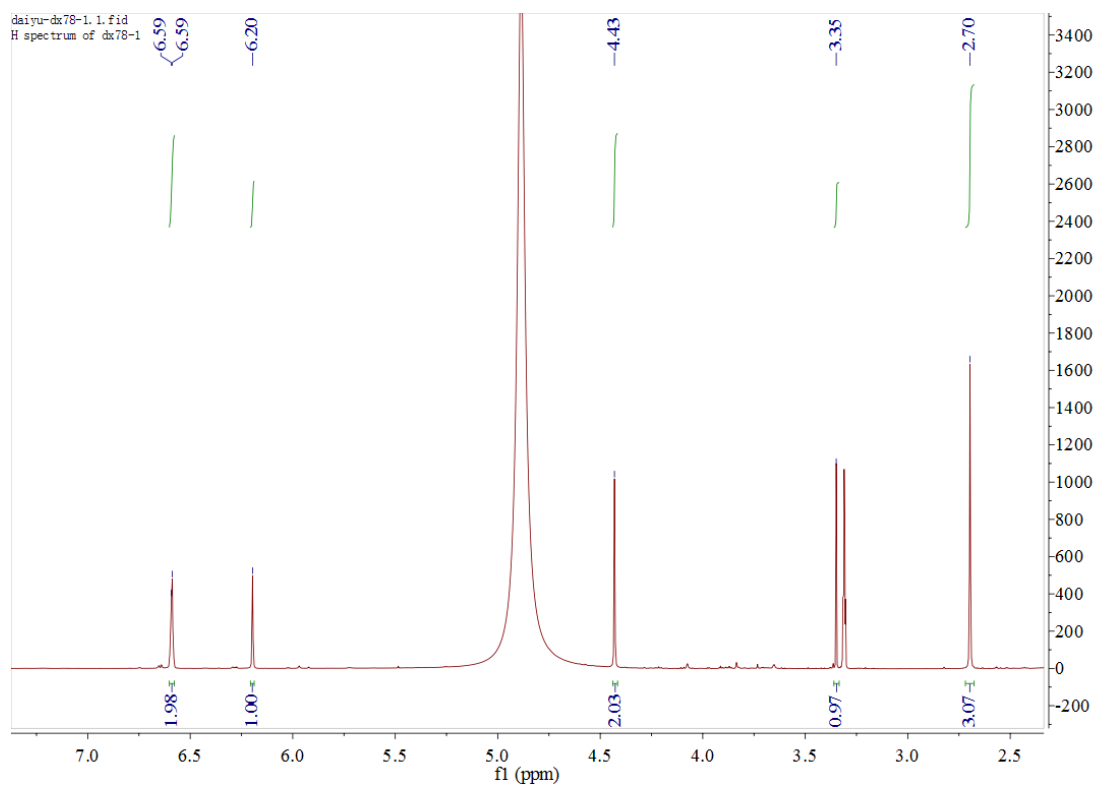


Figure S27. The ^1H -NMR spectrum of **4** in CD_3OD

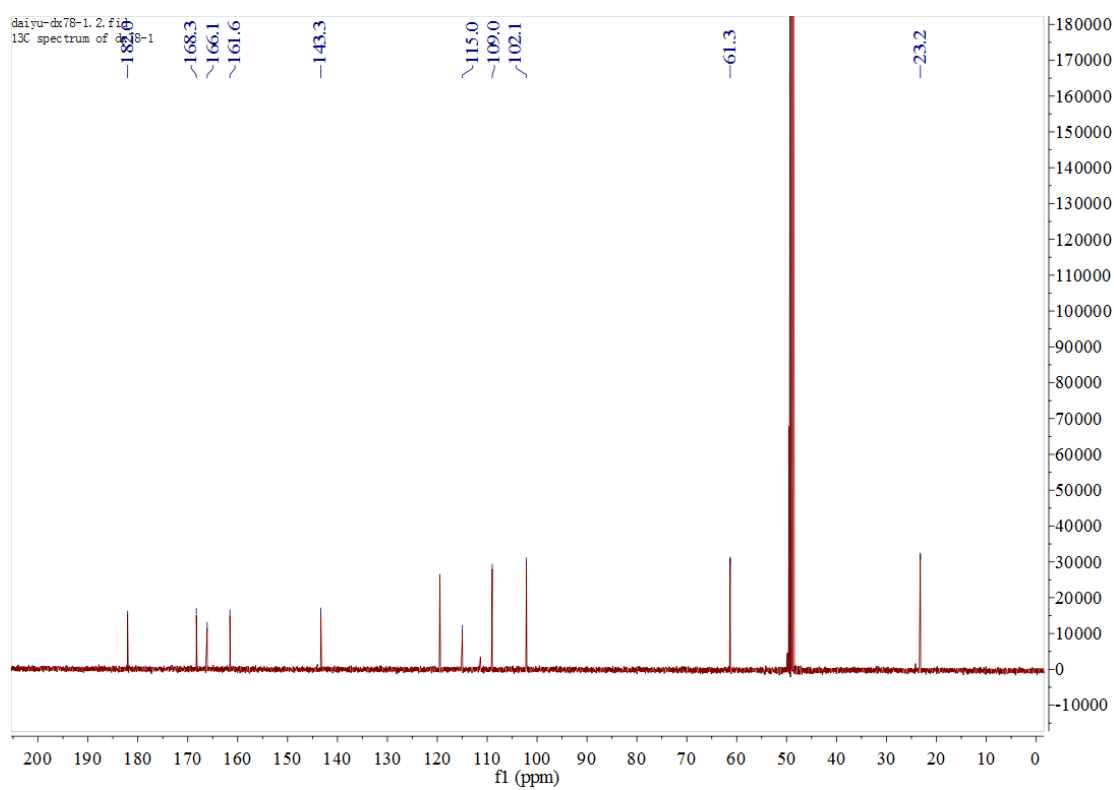


Figure S28. The ^{13}C -NMR spectrum of **4** in CD_3OD

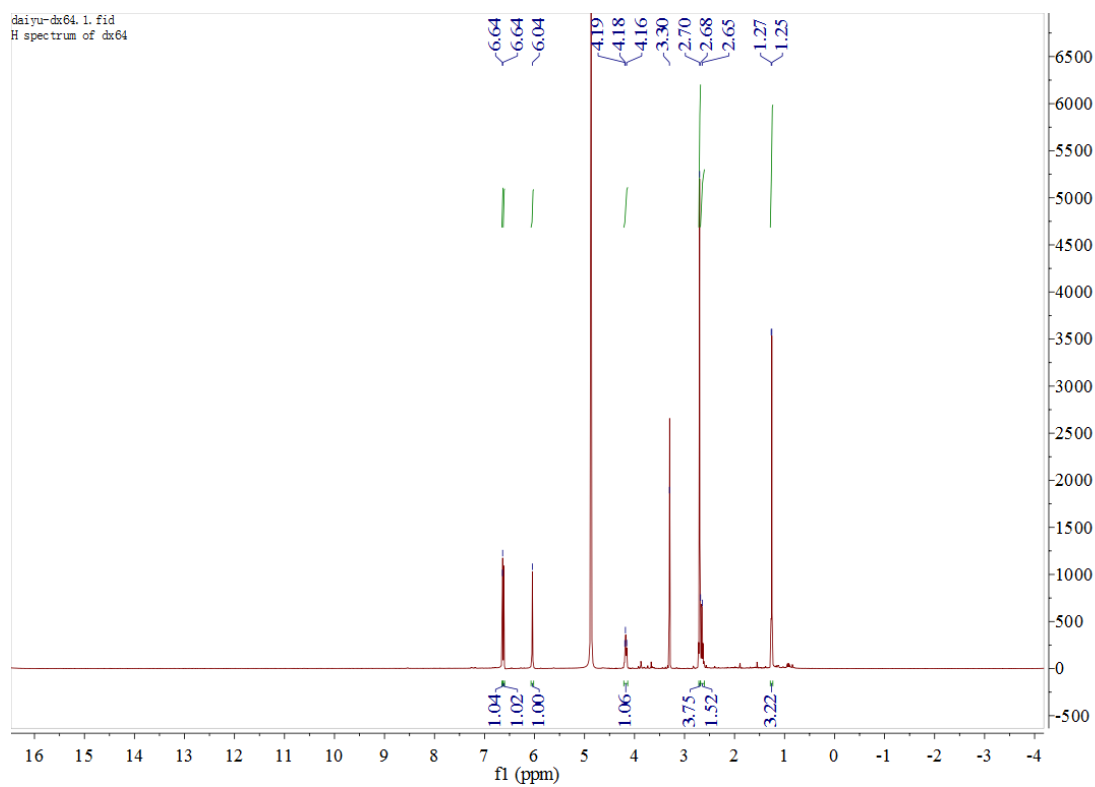


Figure S29. The ^1H -NMR spectrum of **5** in CD_3OD

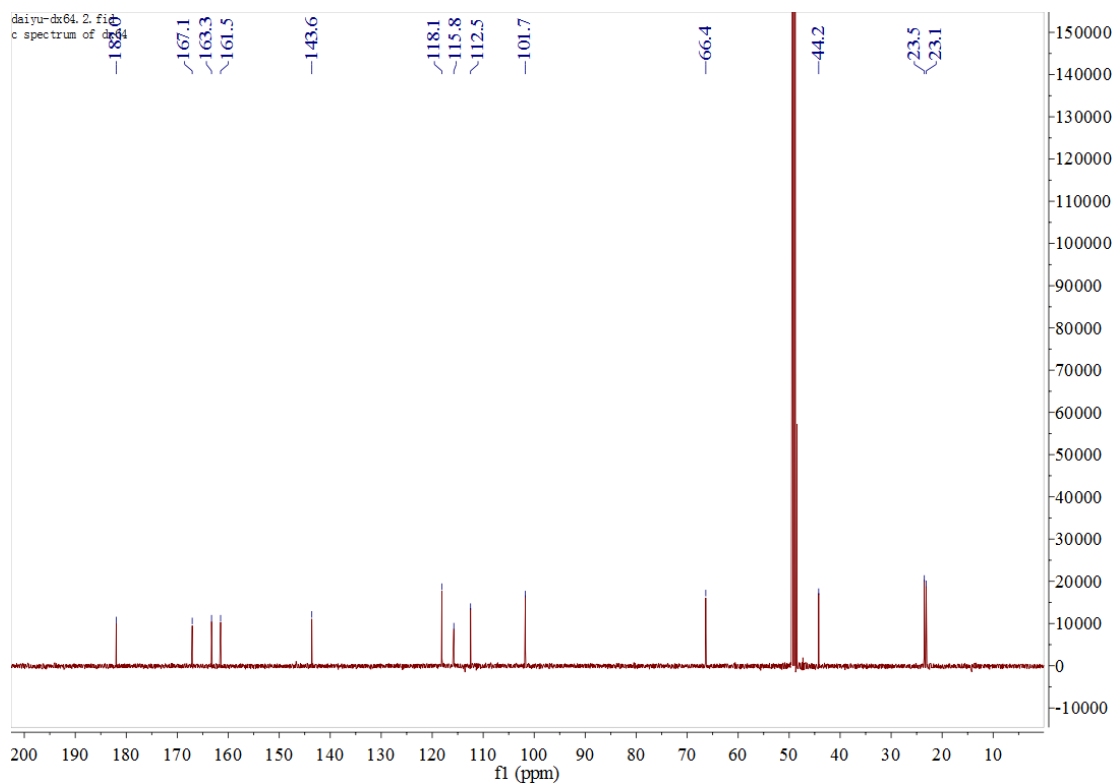


Figure S30. The ^{13}C -NMR spectrum of **5** in CD_3OD

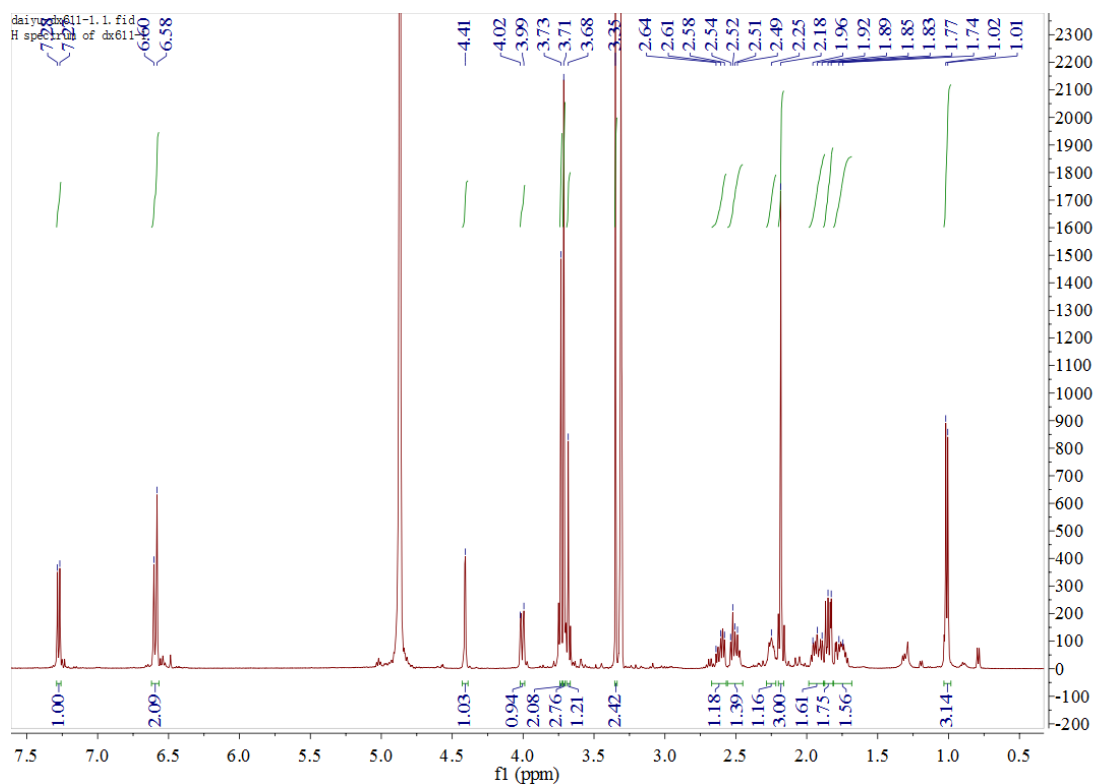


Figure S31. The ^1H -NMR spectrum of **6** in CD_3OD

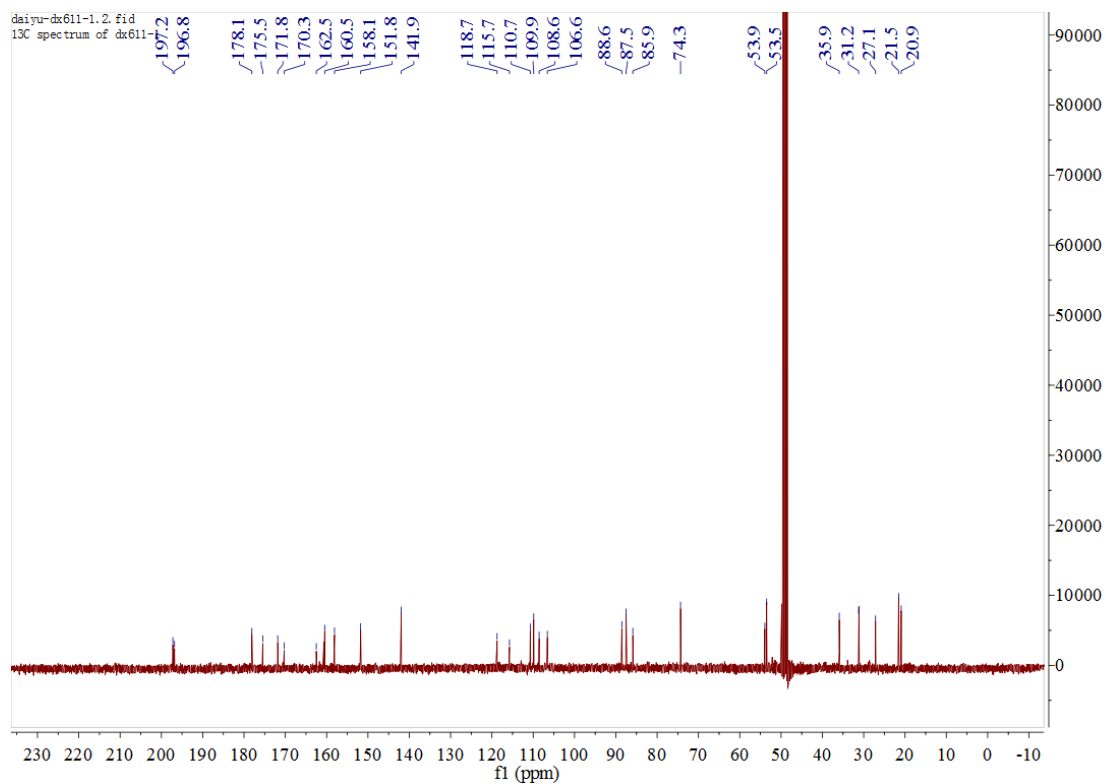


Figure S32. The ^{13}C -NMR spectrum of **6** in CD_3OD

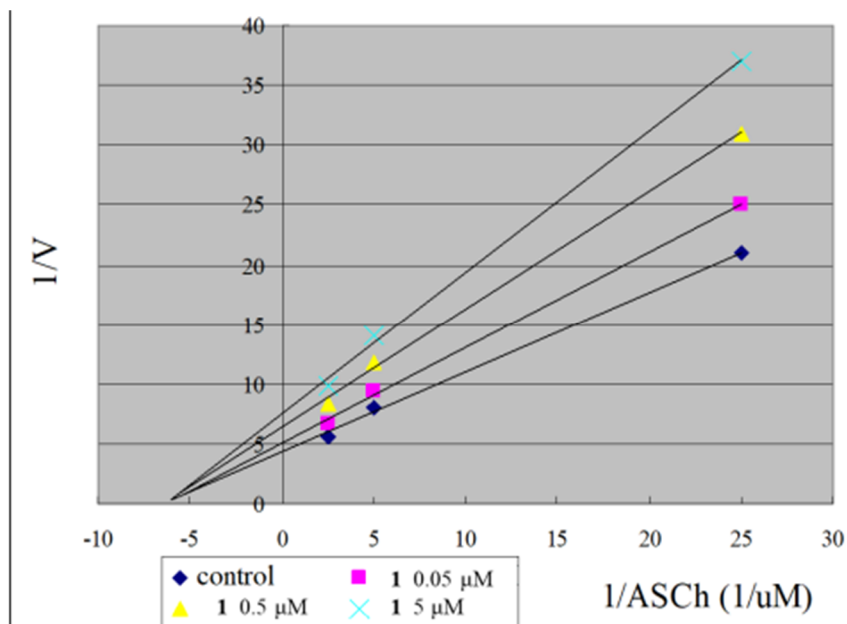


Figure S33. Preliminary Lineweaver–Burk plots for the AChE inhibition with **1**