

Supporting Information

α -Glucosidase Inhibitors: Diphenyl Ethers and Phenolic Bisabolane Sesquiterpenoids from Mangrove Endophytic Fungus *Aspergillus flavus* QQSG-3

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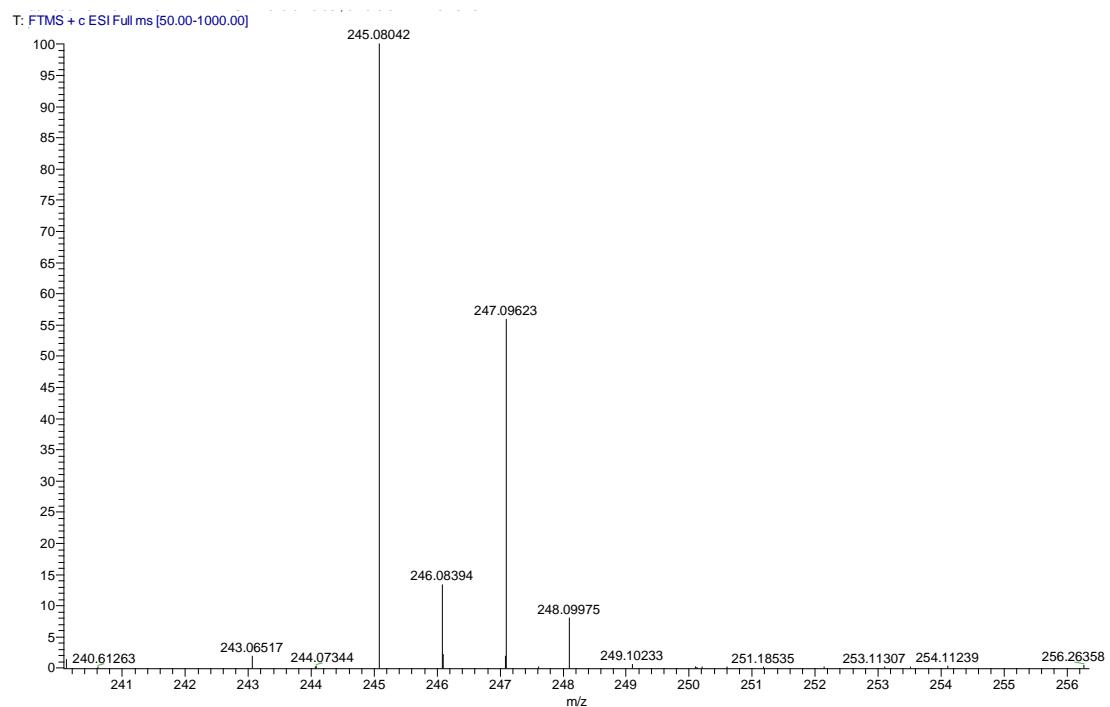


Fig.S1. HRESIMS spectrum of compound **1**

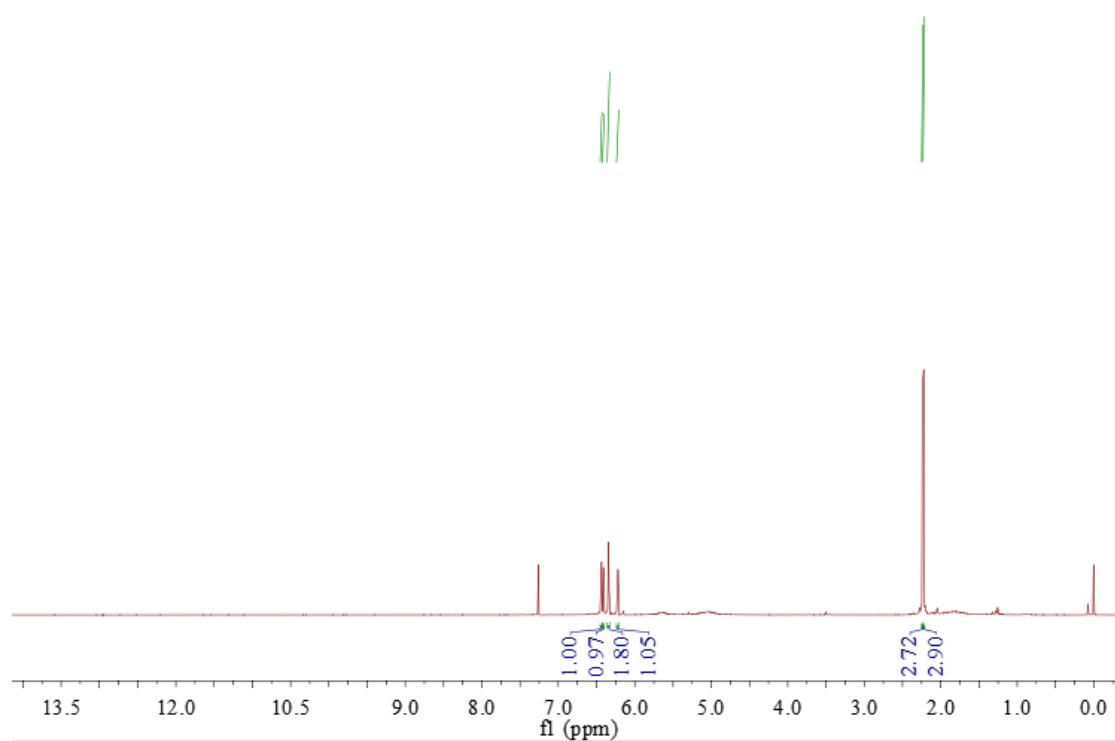


Fig.S2. ^1H NMR (500 MHz, CDCl_3) spectrum of compound **1**

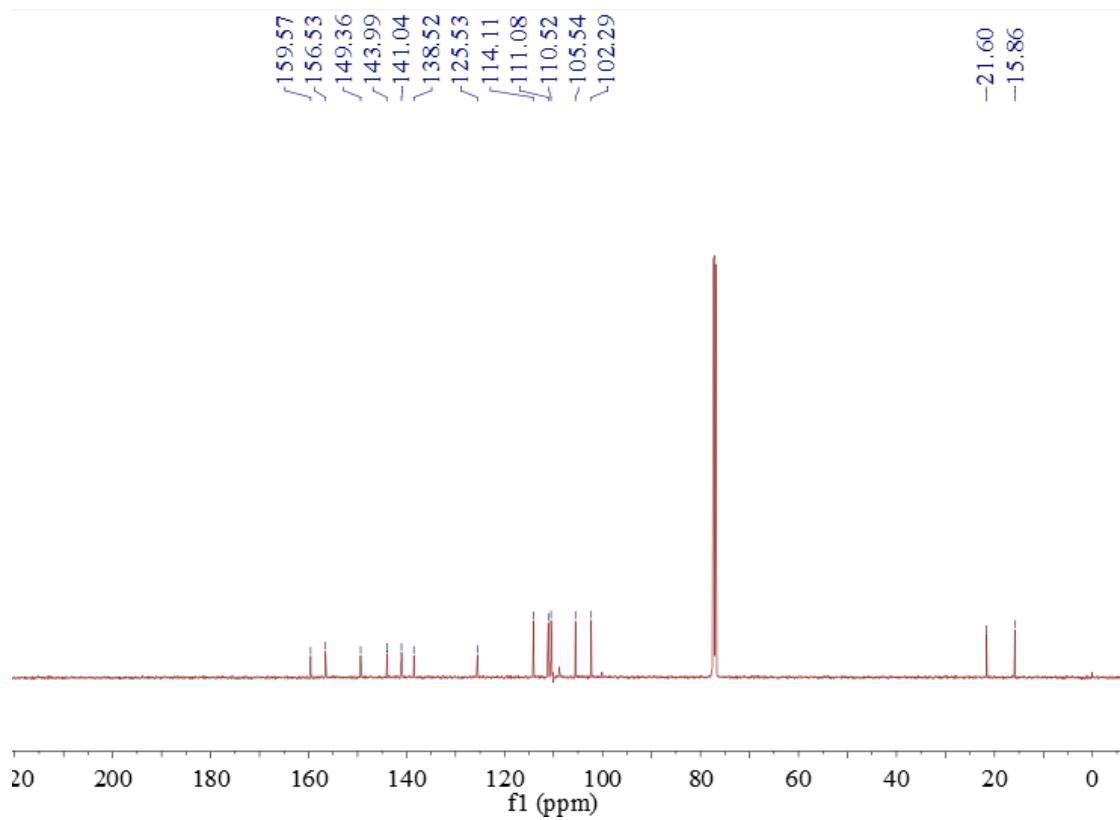


Fig.S3. ^{13}C NMR (125 MHz, CDCl_3) spectrum of **1**

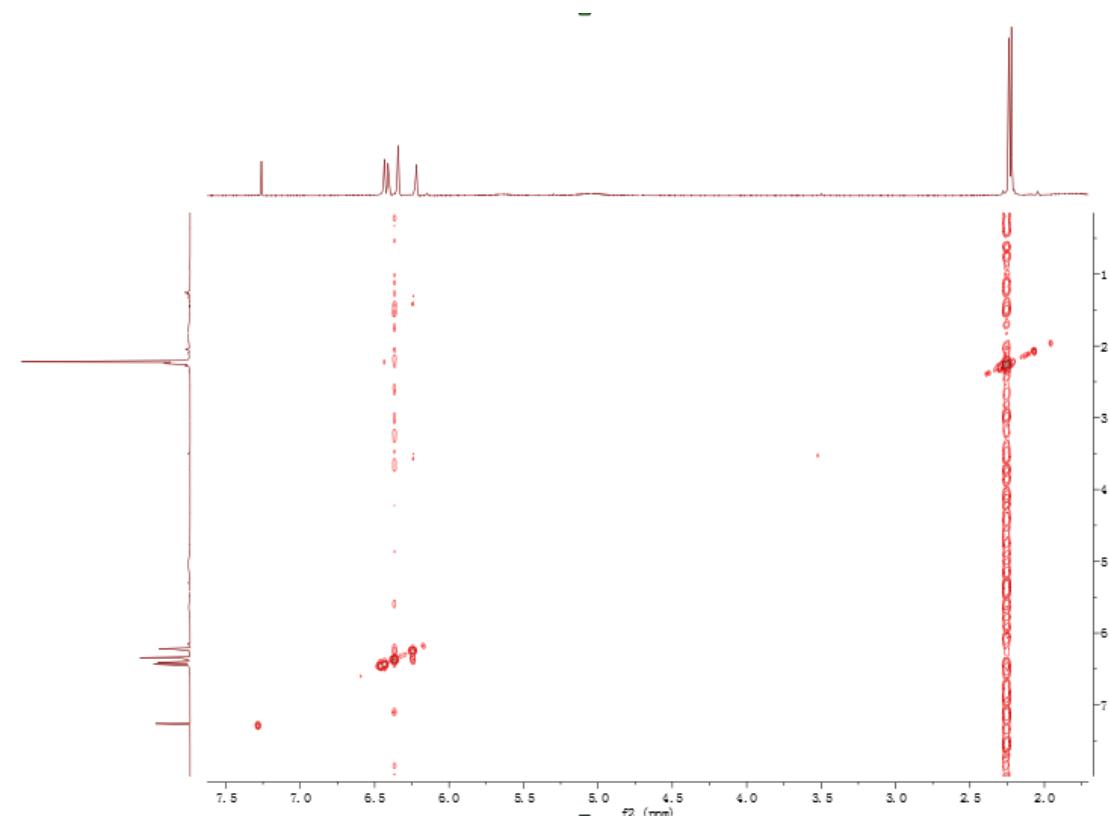


Fig.S4. ^1H - ^1H COSY (CDCl_3) spectrum of compound **1**

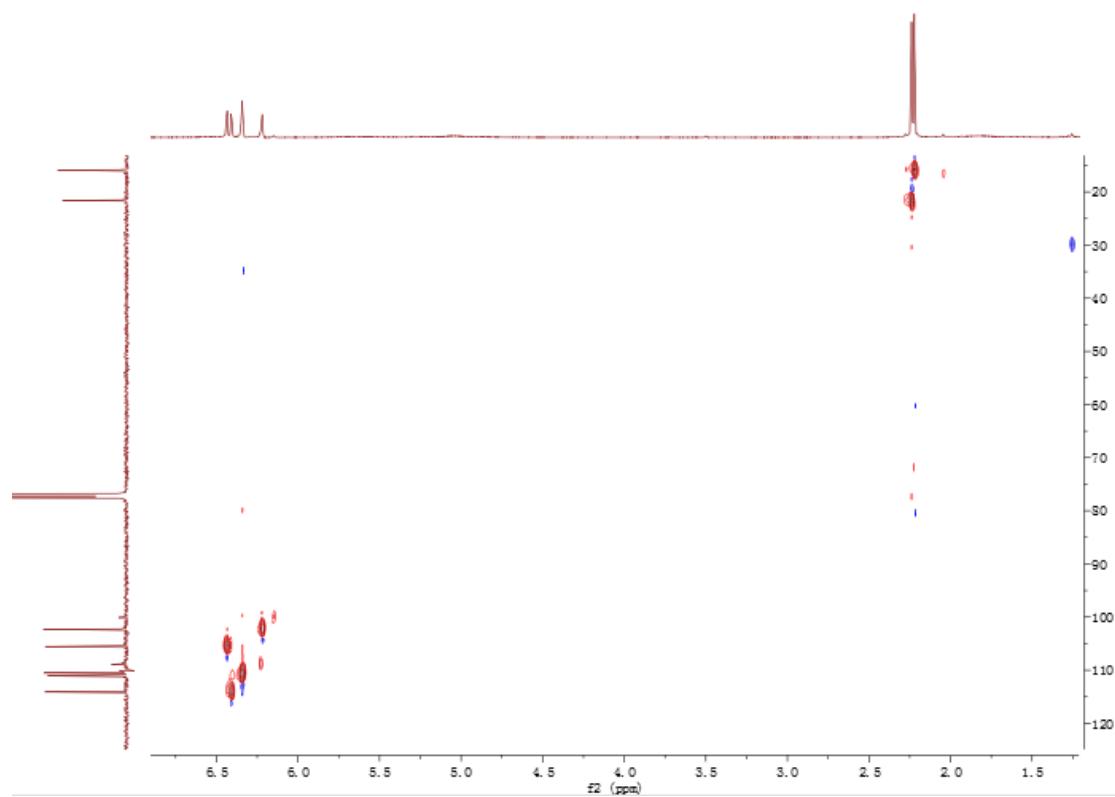


Fig.S5. HSQC (CDCl_3) spectrum of compound **1**

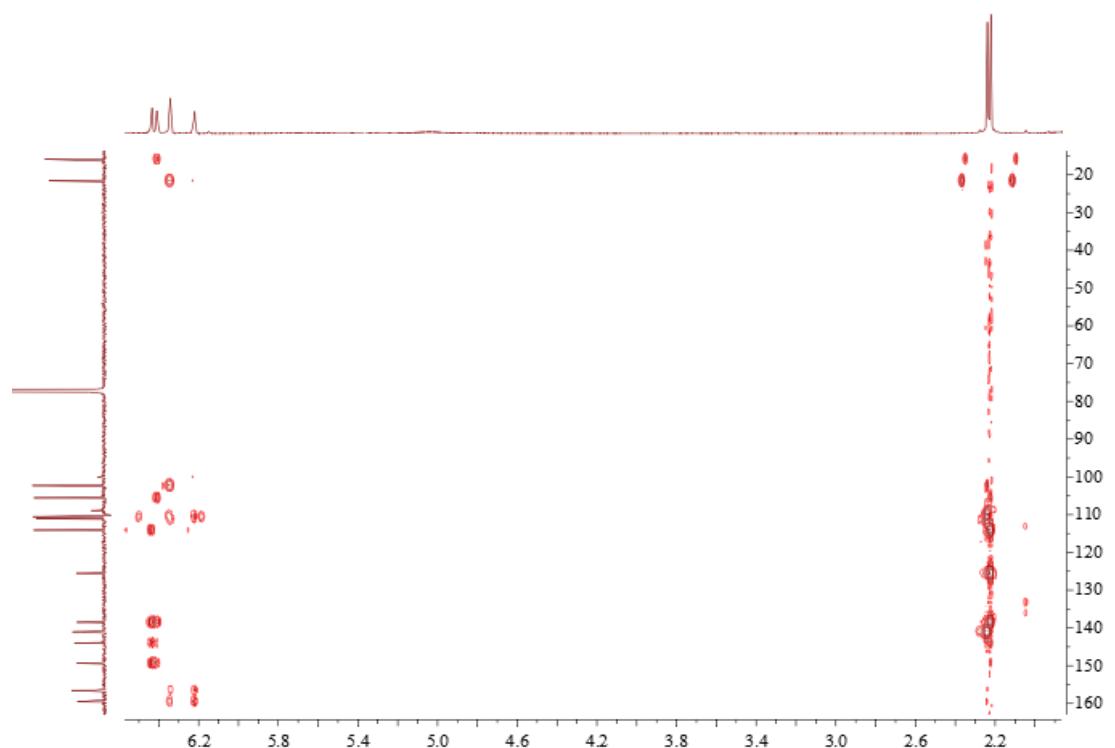


Fig.S6. HMBC (CDCl_3) spectrum of compound **1**

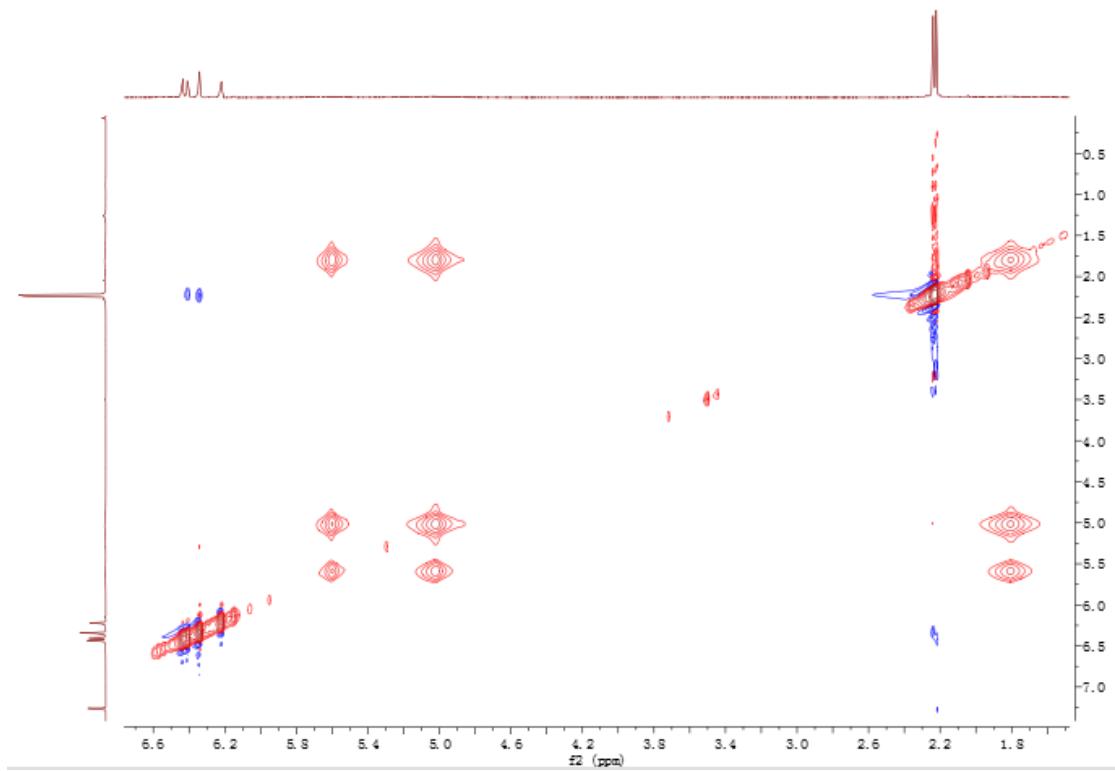


Fig.S7. NOESY (CDCl_3) spectrum of compound **1**

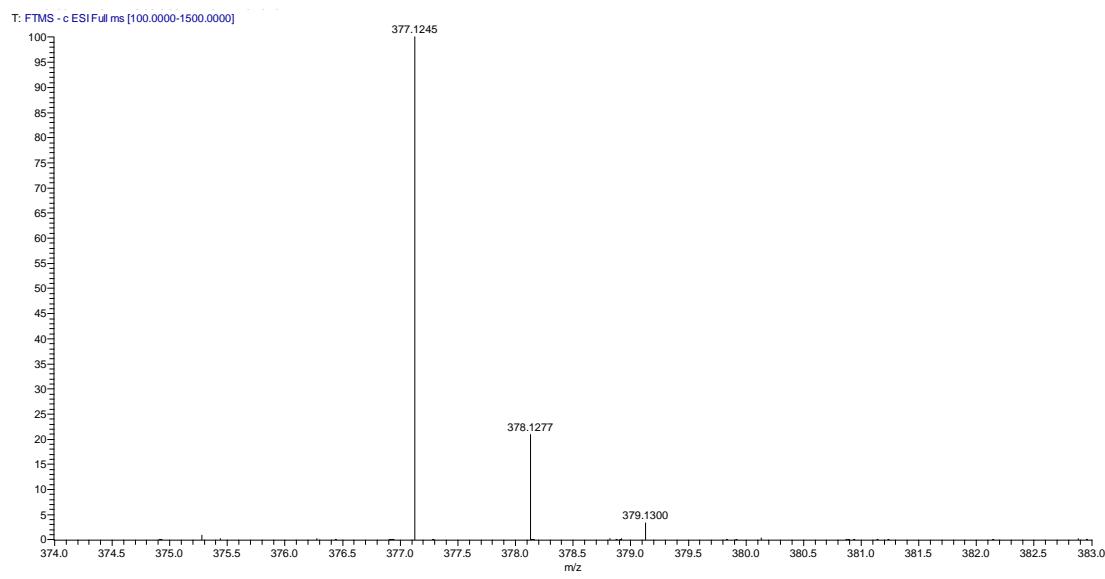


Fig.S8. HRESIMS spectrum of compound **2**

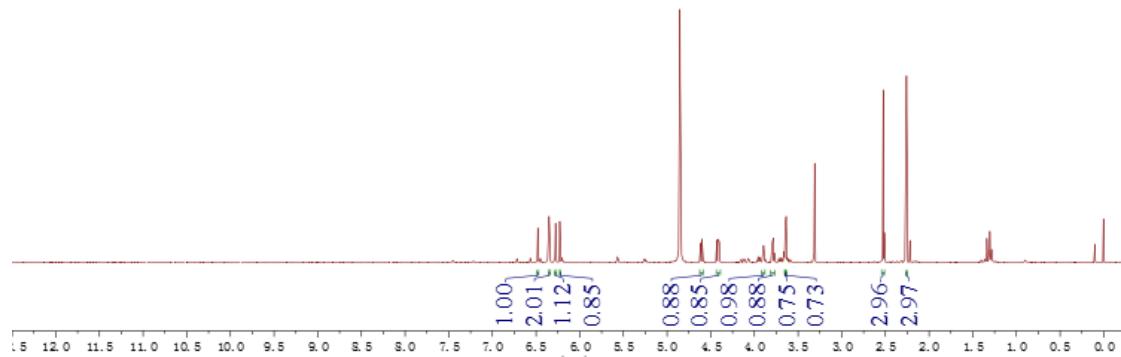


Fig.S9. ^1H NMR (500 MHz, Methanol- d_4) spectrum of compound **2**

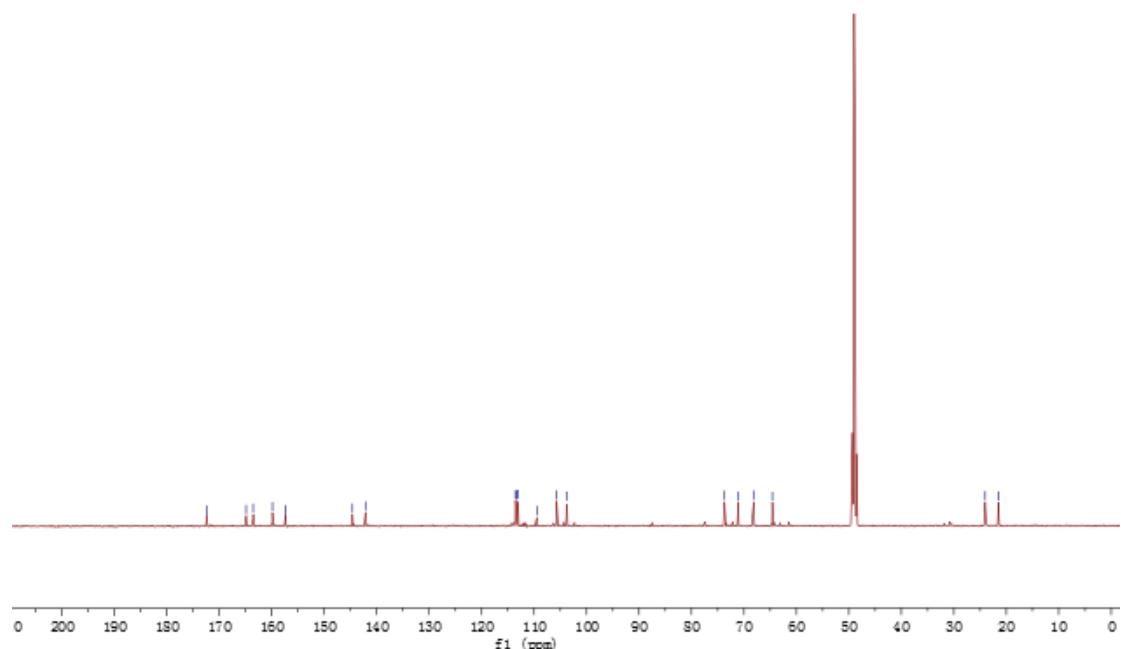


Fig.S10. ^{13}C NMR (125 MHz, Methanol- d_4) spectrum of compound **2**

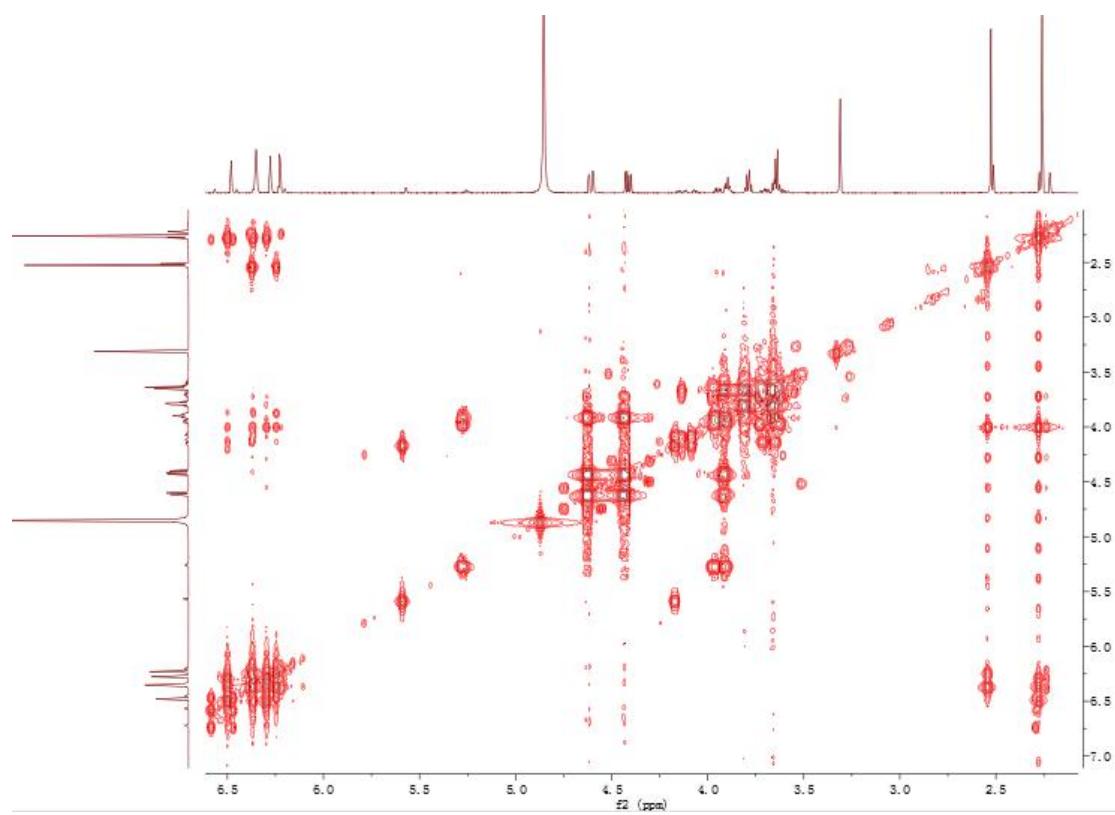


Fig.S11. ^1H - ^1H COSY (Methanol- d_4) spectrum of compound 2

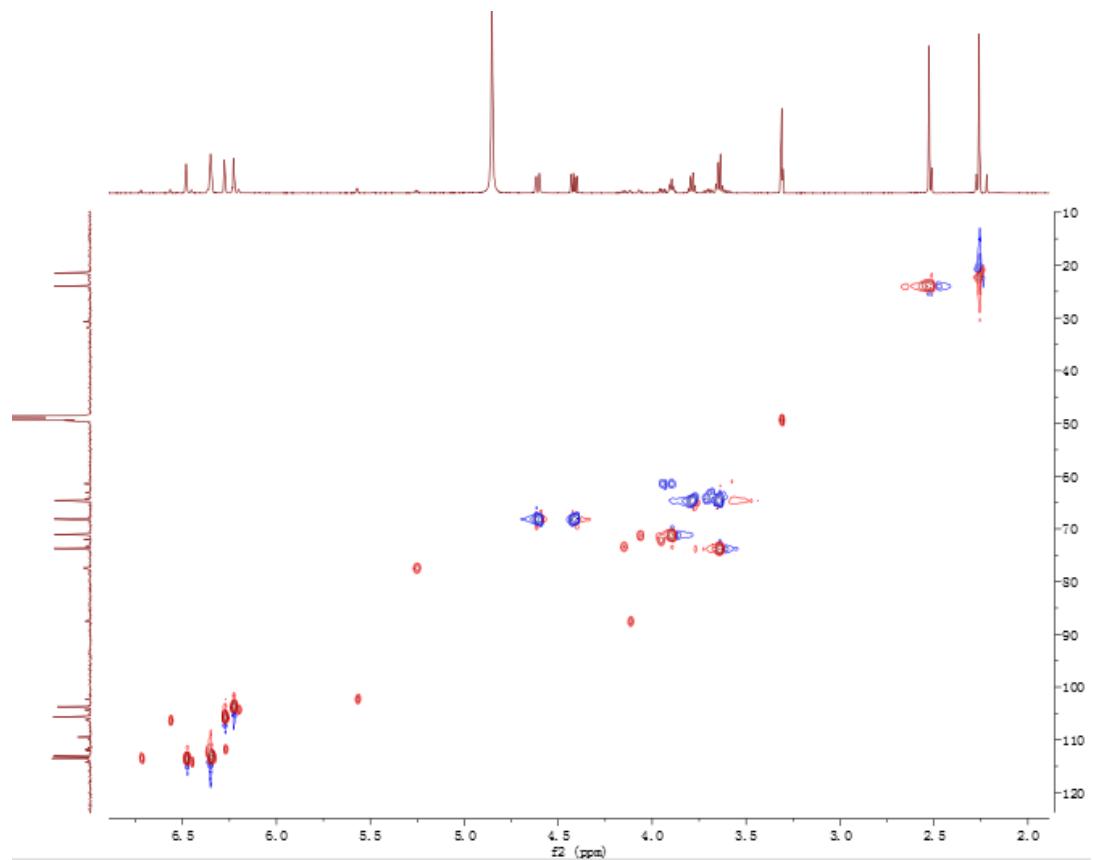


Fig.S12. HSQC (Methanol- d_4) spectrum of compound 2

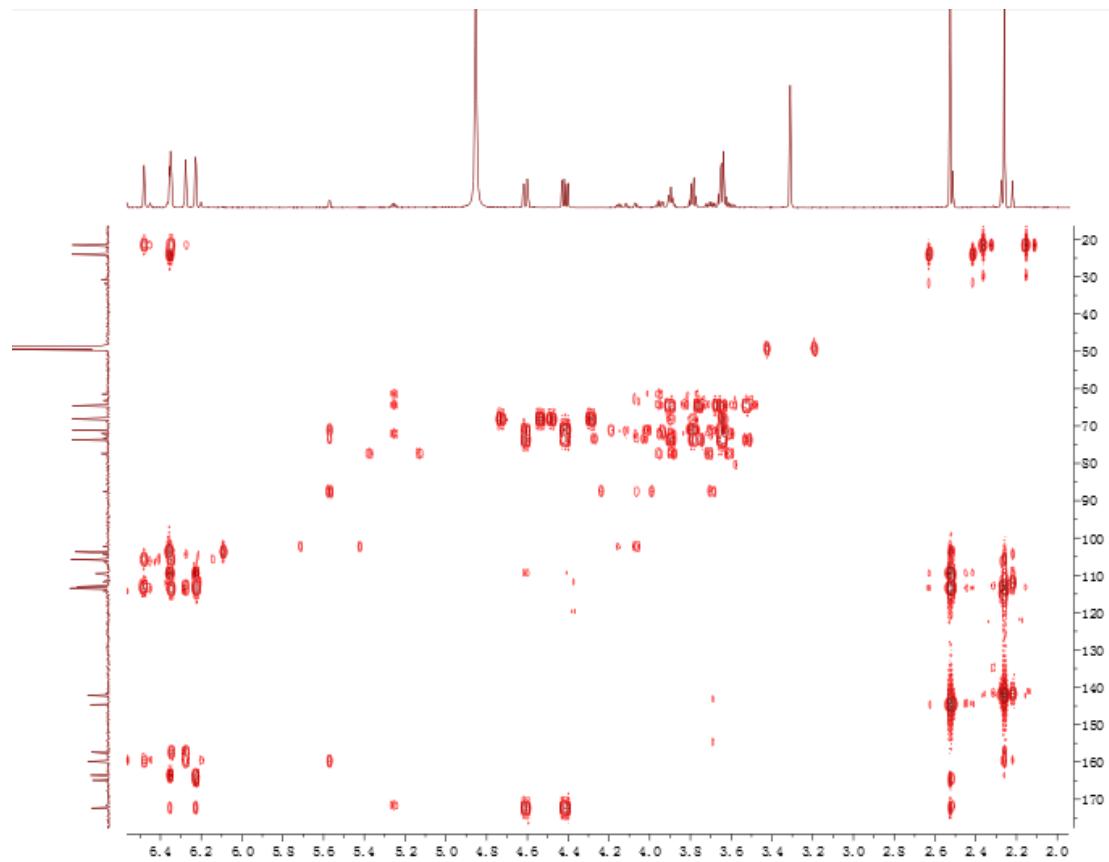


Fig.S13. HMBC (Methanol-*d*₄) spectrum of compound 2

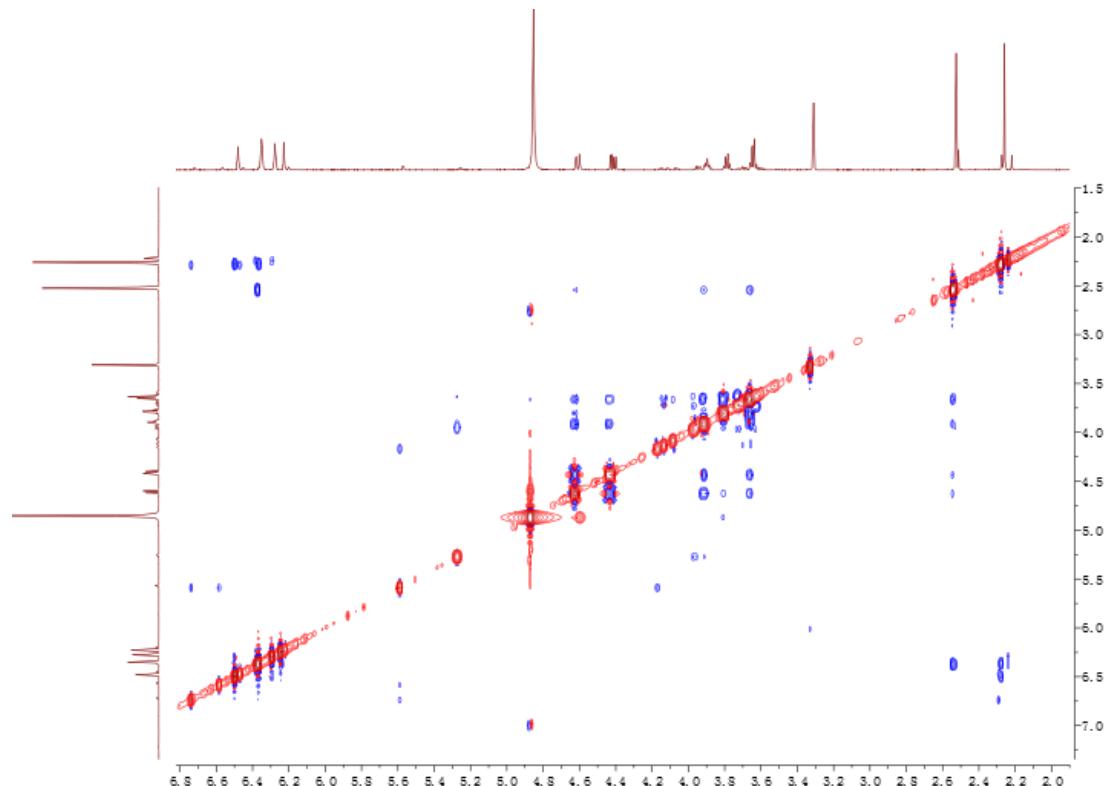


Fig.S14. NOESY (Methanol-*d*₄) spectrum of compound 2

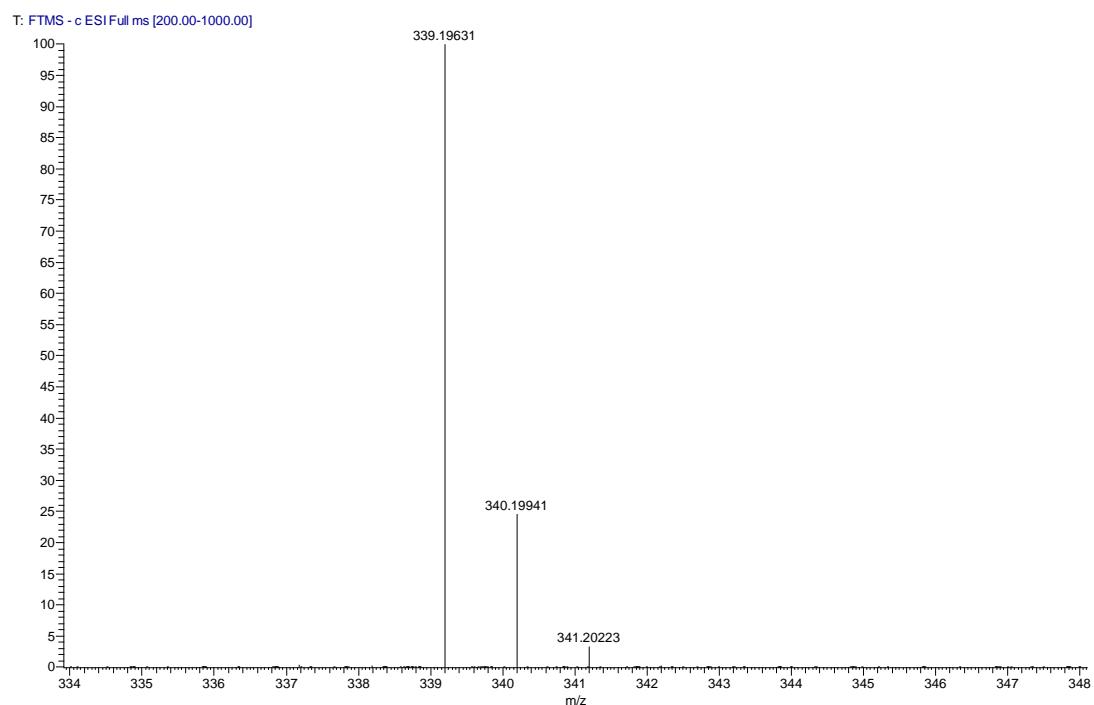


Fig.S15. HRESIMS spectrum of compound **3**

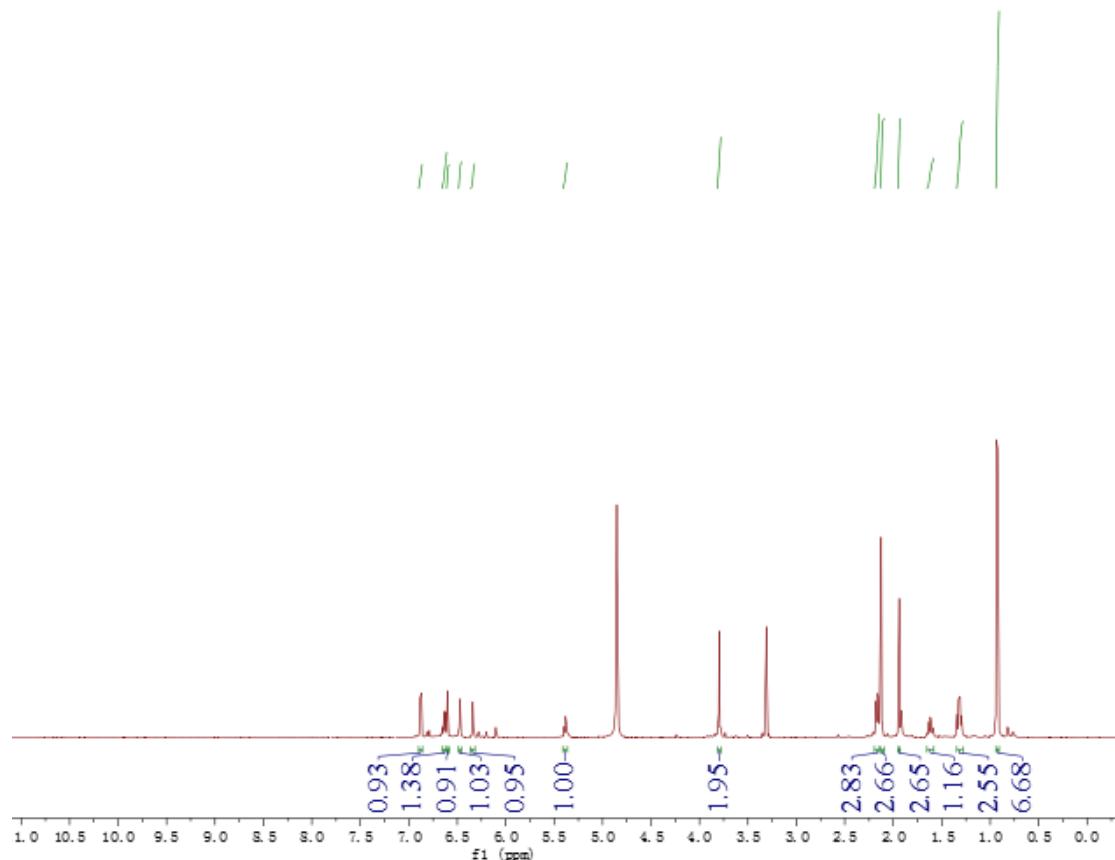


Fig.S16. ^1H NMR (500 MHz, Methanol- d_4) spectrum of compound **3**

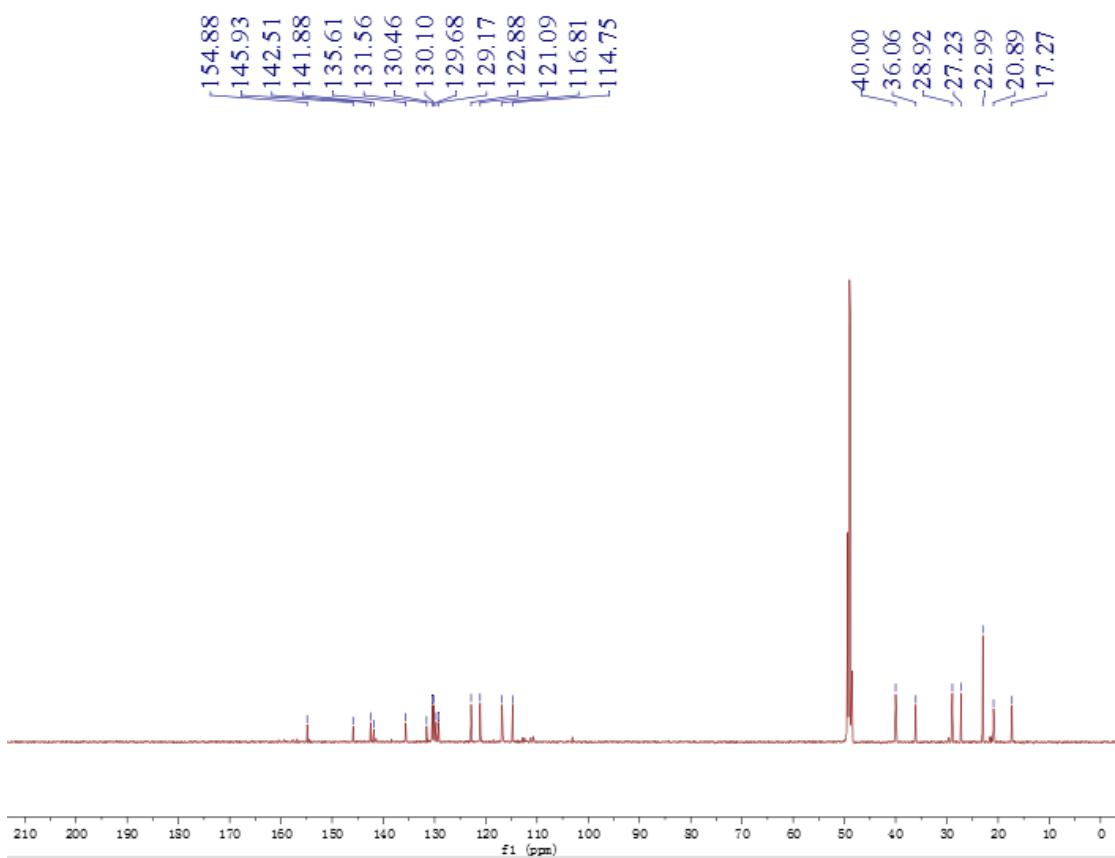


Fig.S17. ^{13}C NMR (125 MHz, Methanol- d_4) spectrum of compound **3**

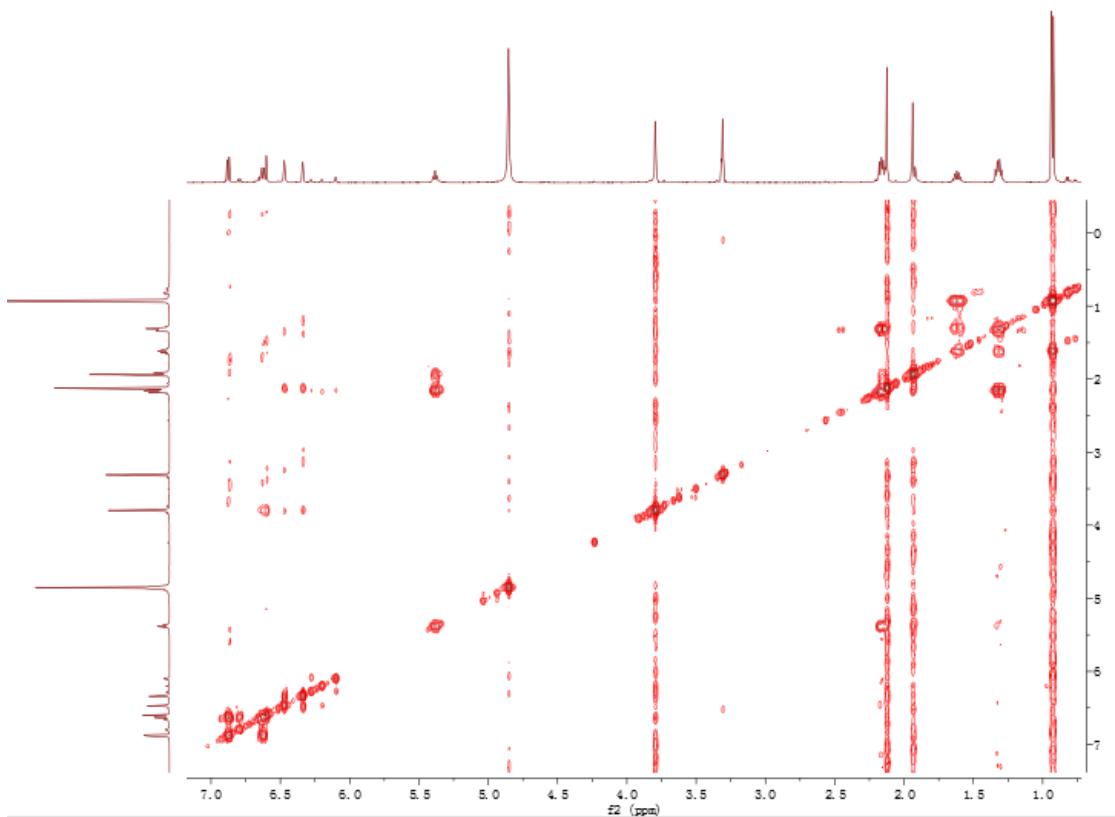


Fig.S18. ^1H - ^1H COSY (Methanol- d_4) spectrum of compound **3**

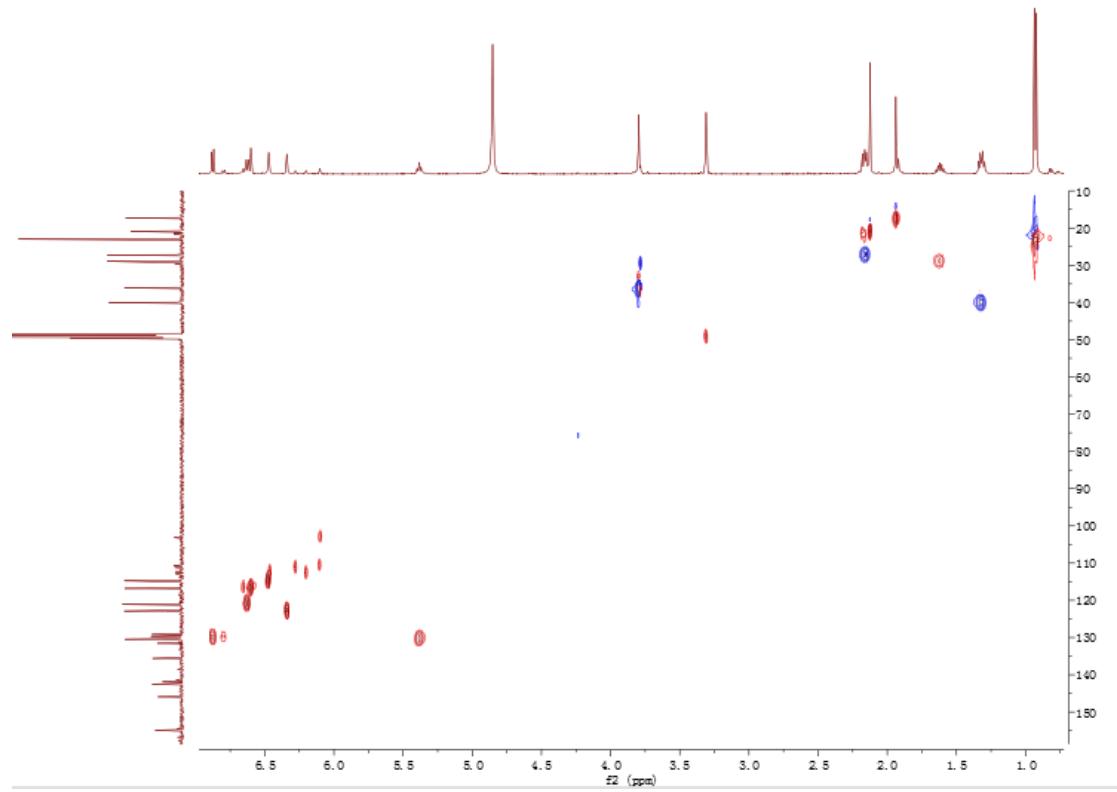


Fig.S19. HSQC (Methanol- d_4) spectrum of compound 3

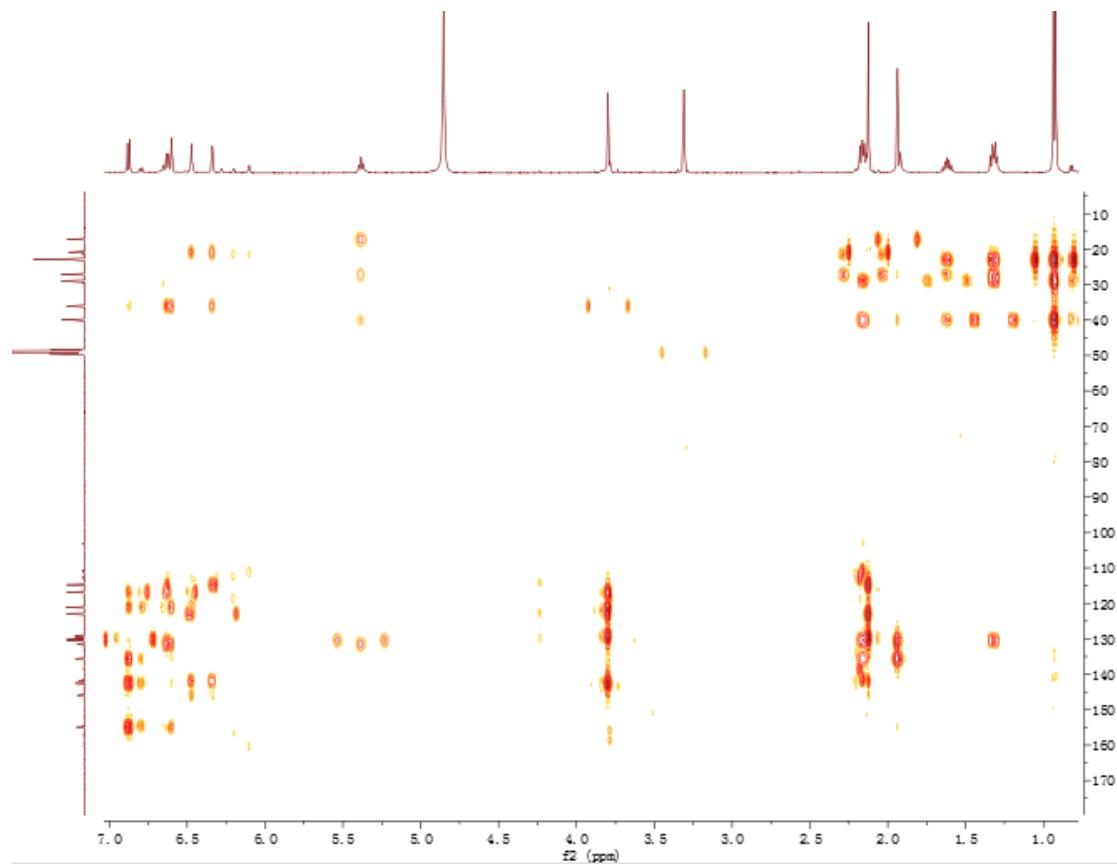


Fig.S20. HMBC (Methanol- d_4) spectrum of compound 3

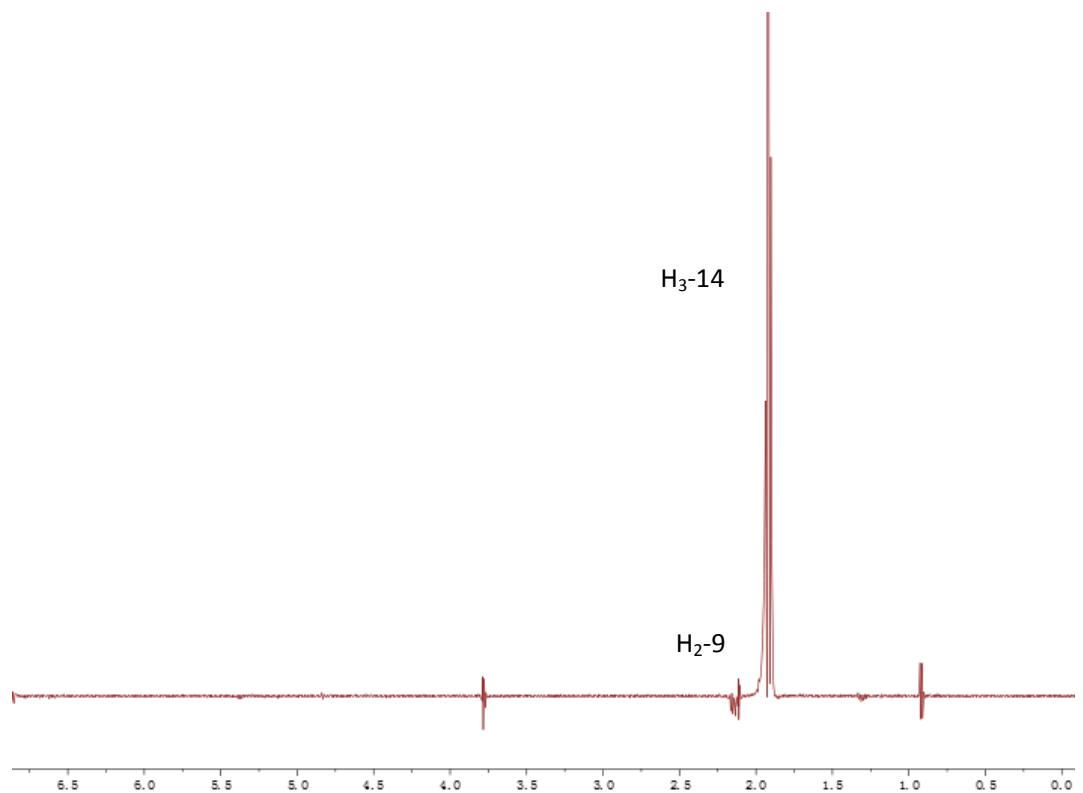


Fig.S21. NOEDIFF (Methanol-*d*₄, original) spectrum of compound **3**

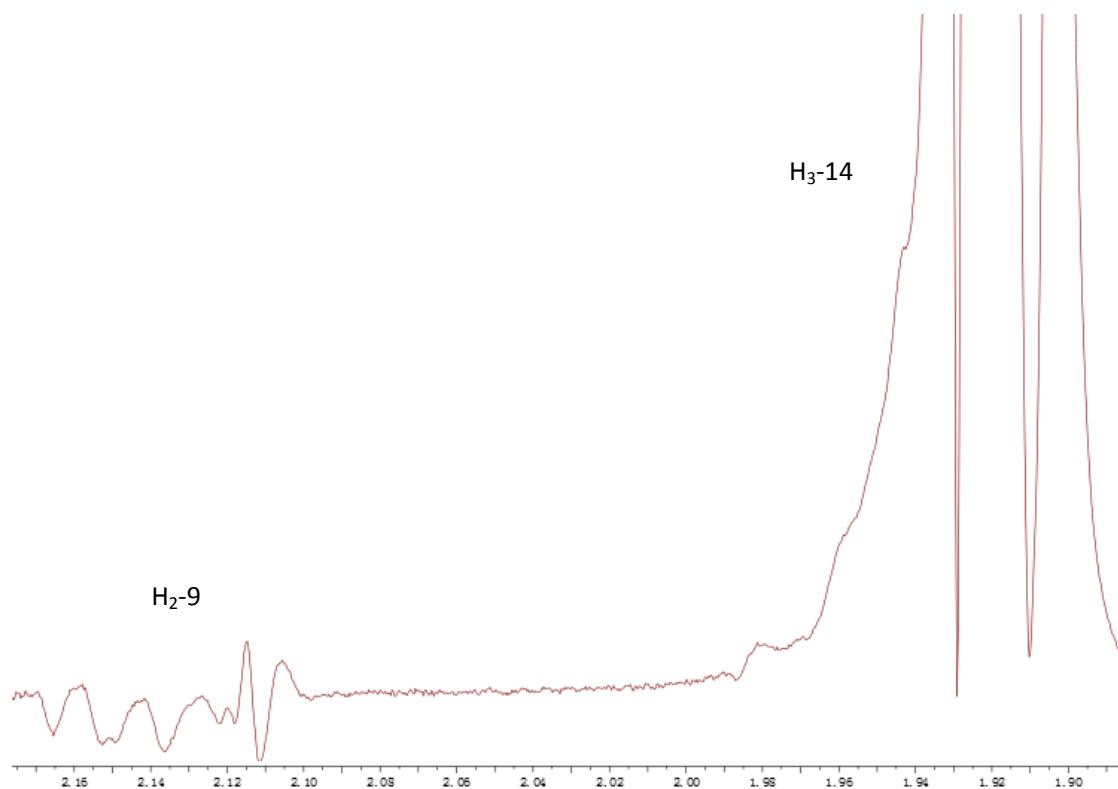


Fig.S22. NOEDIFF (Methanol-*d*₄, zoom in) spectrum of compound **3**

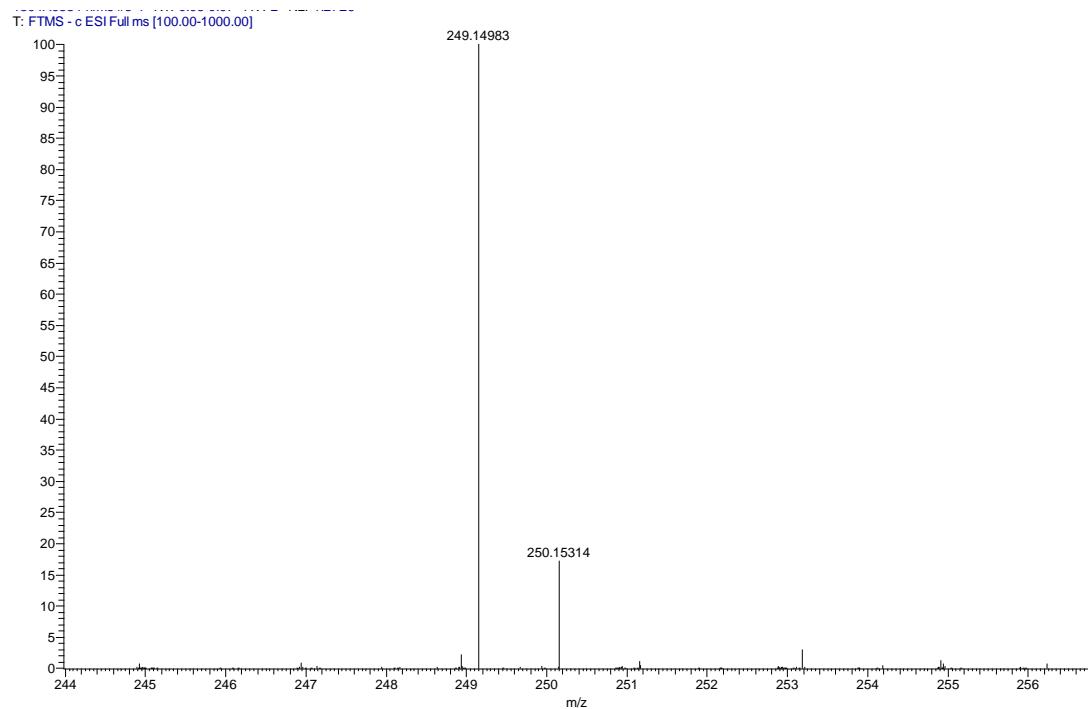


Fig.S23. HRESIMS spectrum of compound 4

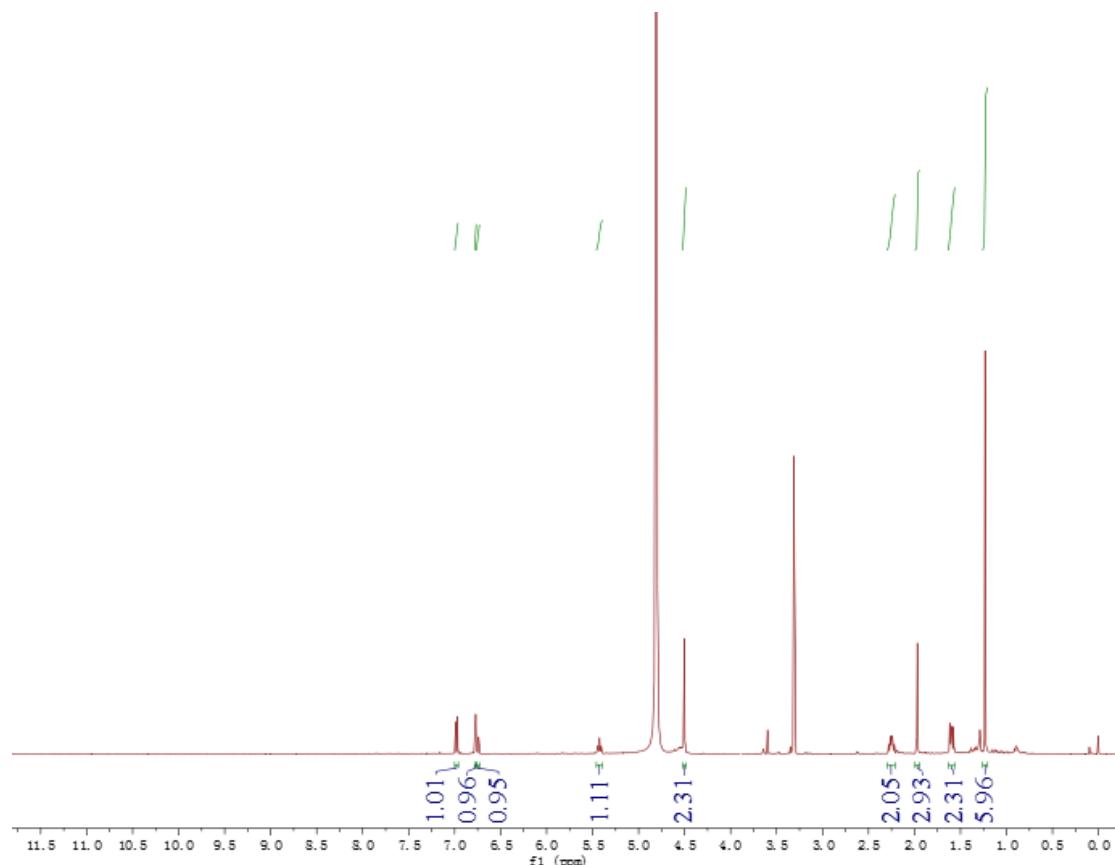


Fig.S24. ^1H NMR (500 MHz, Methanol- d_4) spectrum of compound 4

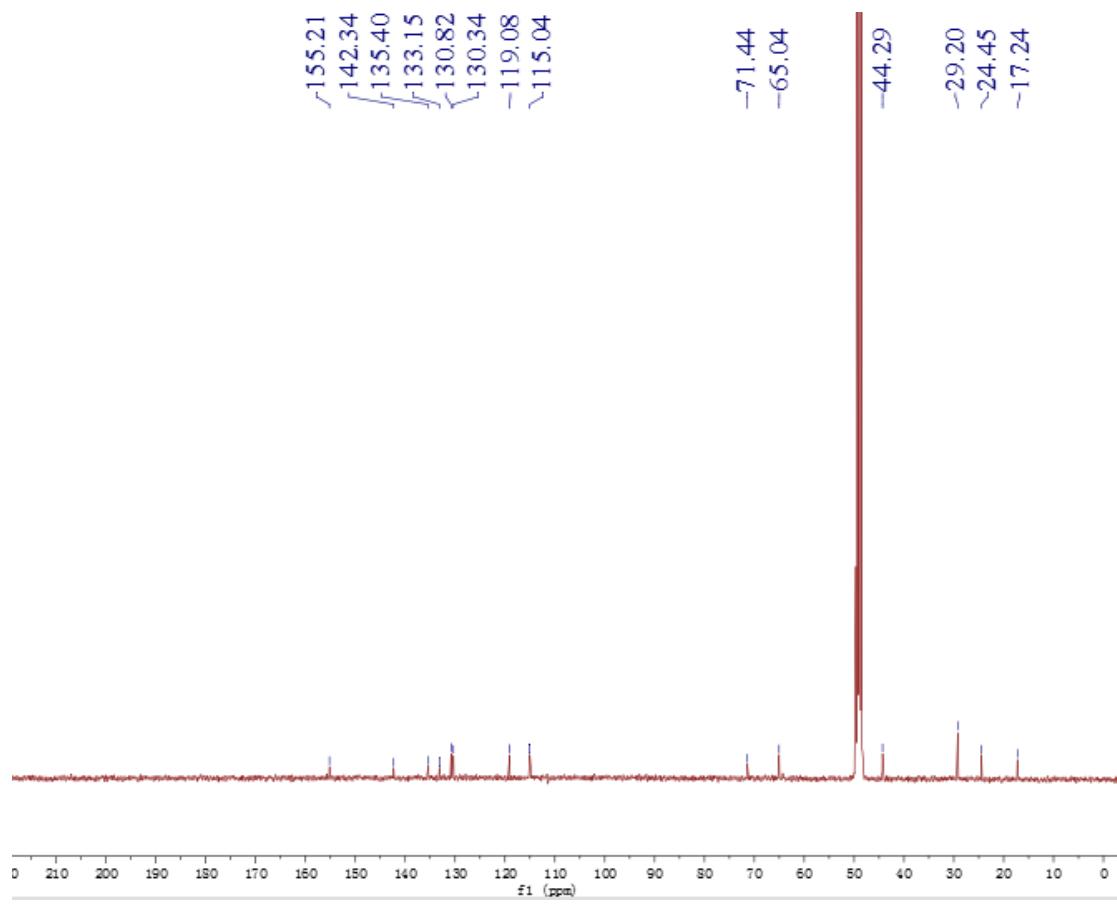


Fig.S25. ^{13}C NMR (125 MHz, Methanol- d_4) spectrum of compound 4

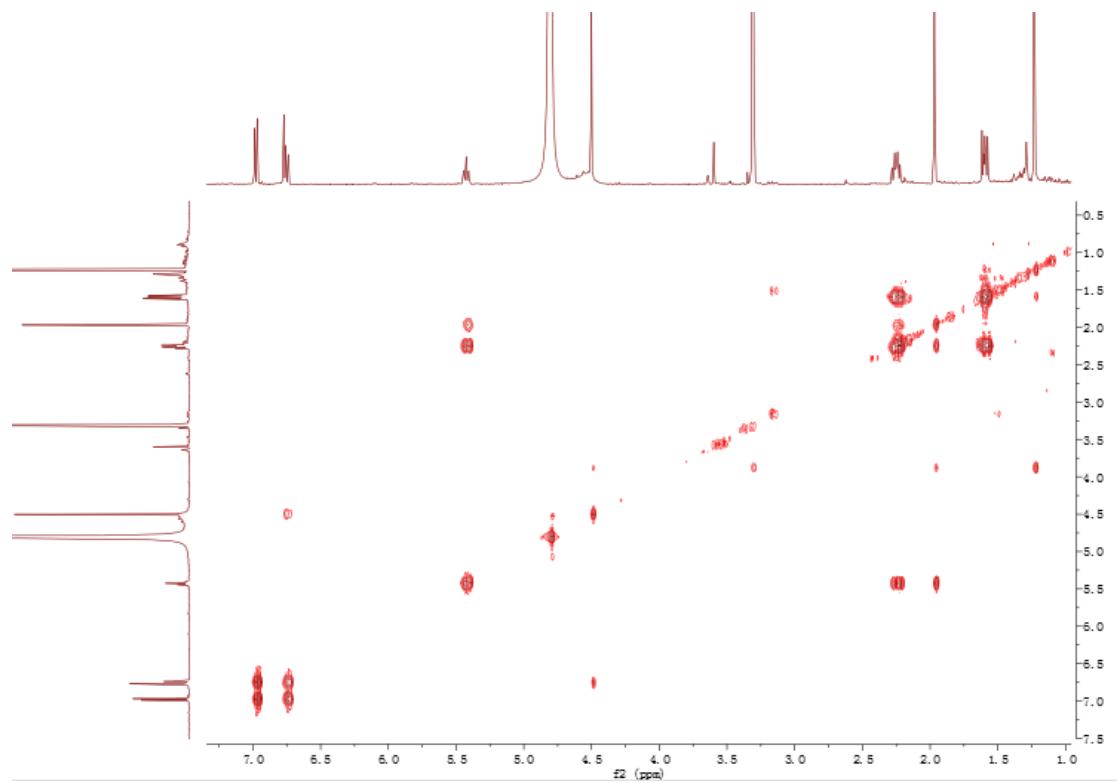


Fig.S26. ^1H - ^1H COSY (Methanol- d_4) spectrum of compound 4

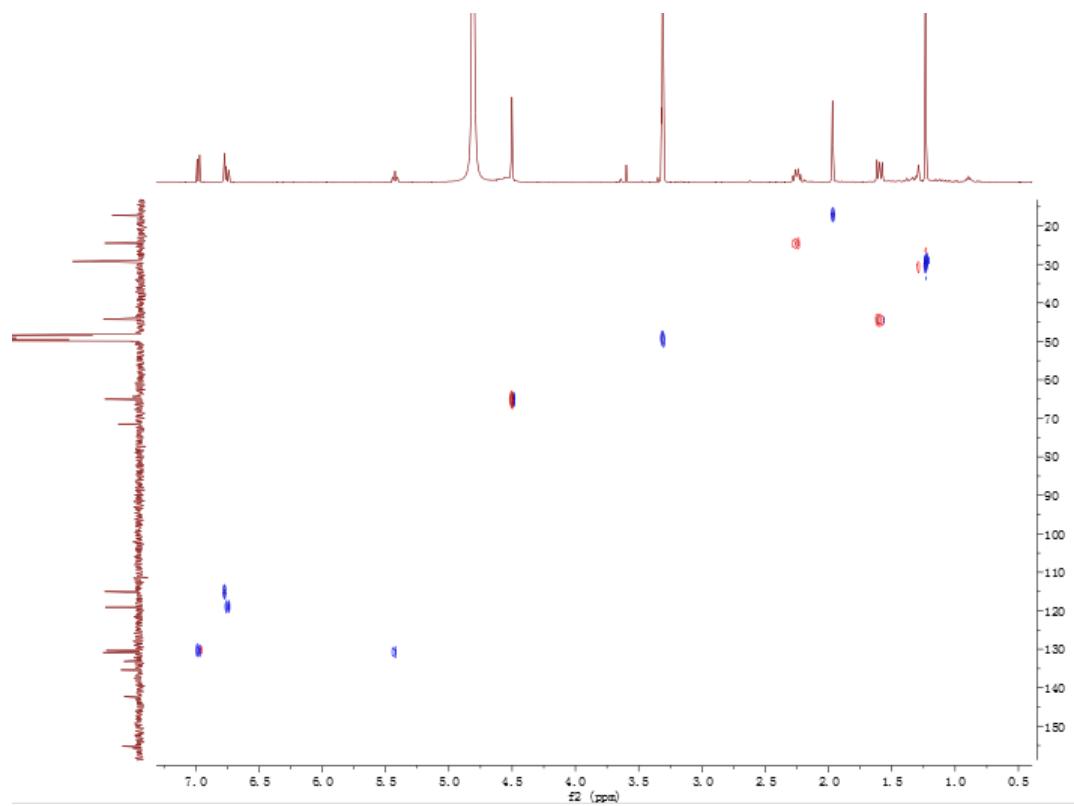


Fig.S27. HSQC (Methanol-*d*₄) spectrum of compound 4

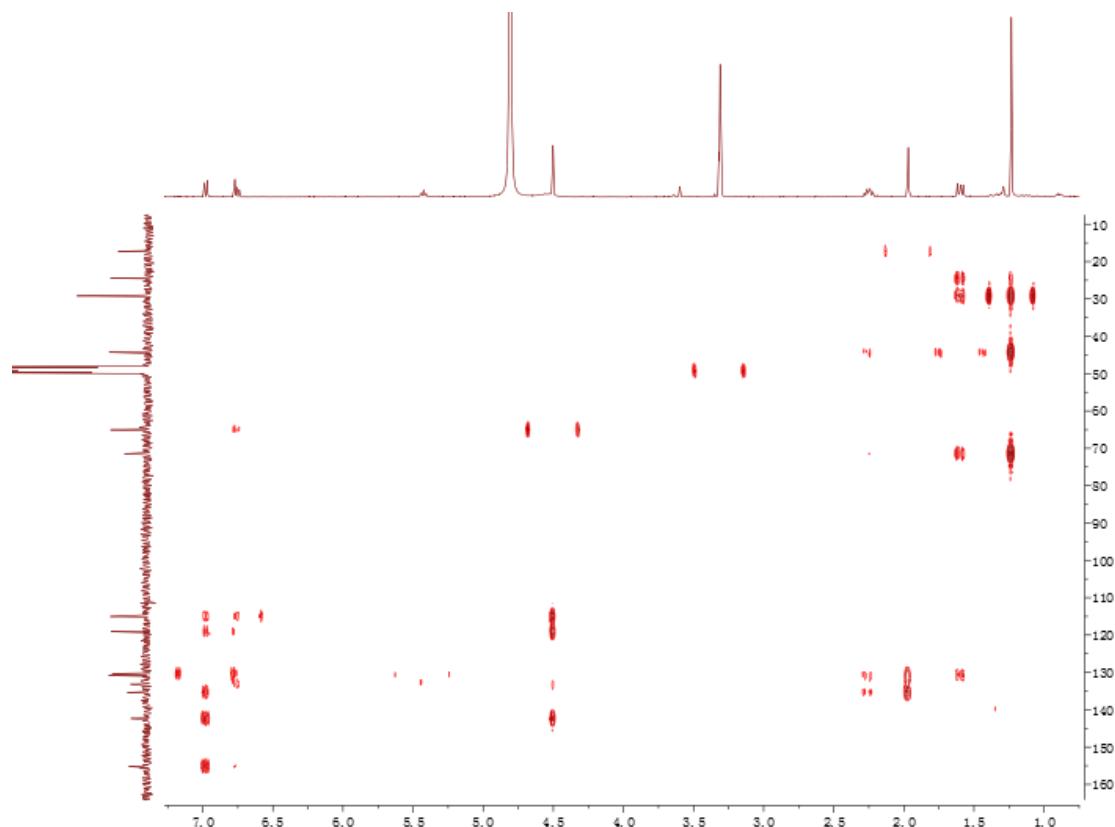


Fig.S28. HMBC (Methanol-*d*₄) spectrum of compound 4

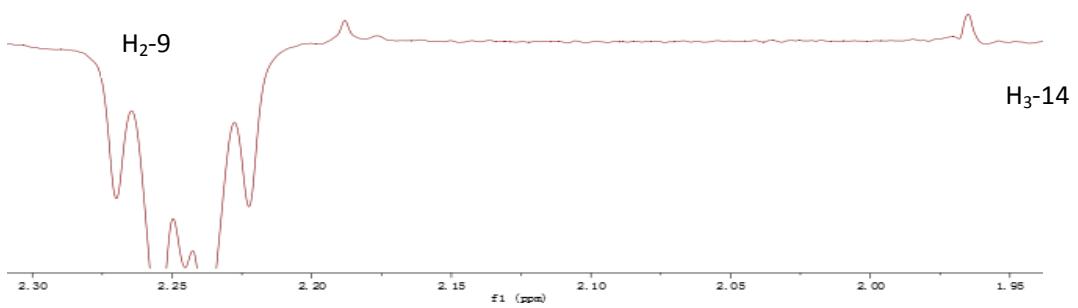


Fig.S29. NOEDIFF (Methanol- d_4) spectrum of compound 4

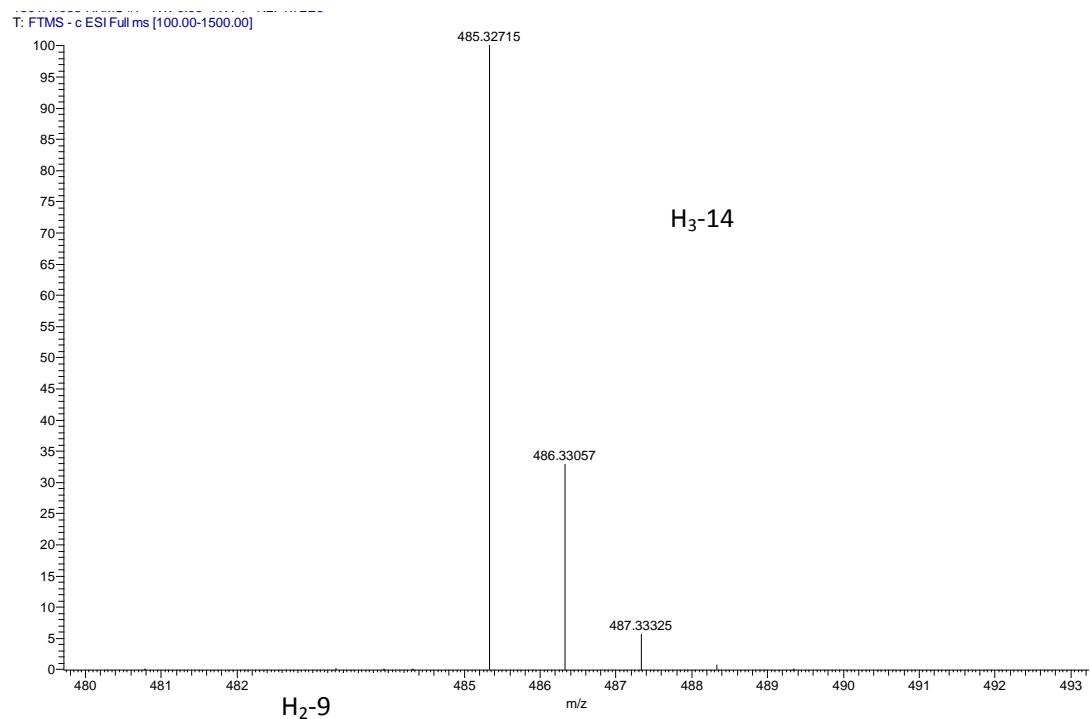


Fig.S30. HRESIMS spectrum of compound 5

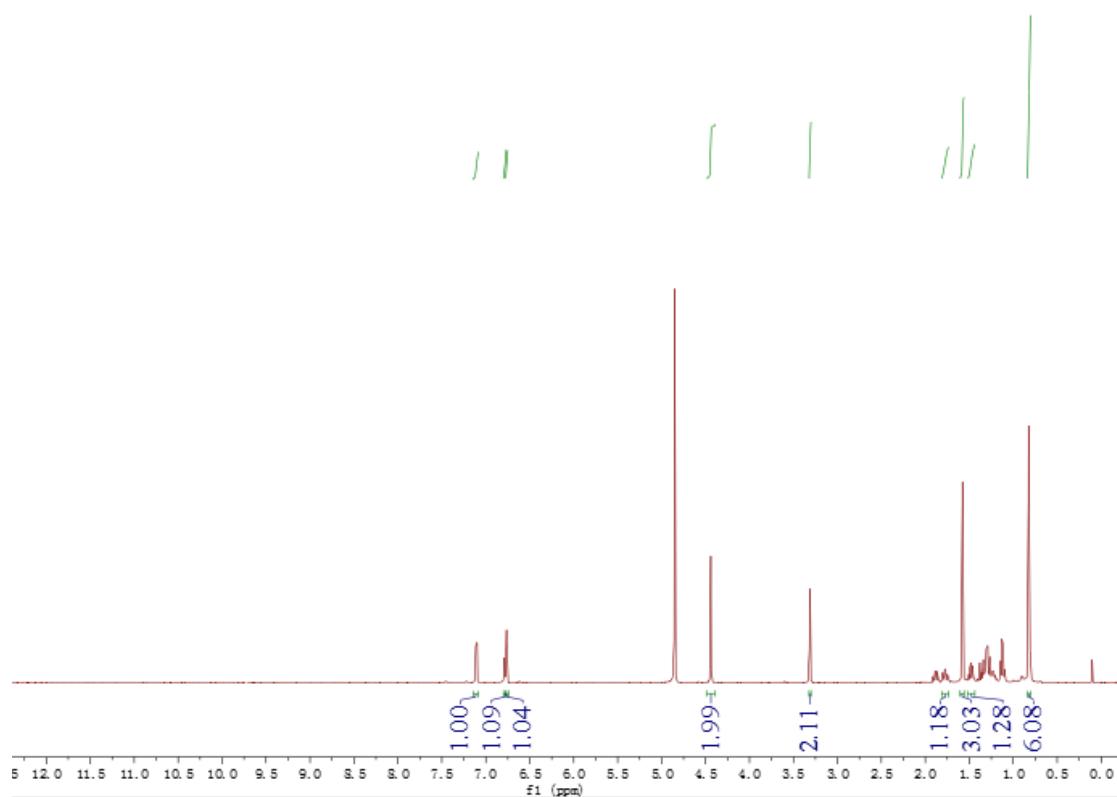


Fig.S31. ^1H NMR (500 MHz, Methanol- d_4) spectrum of compound **5**

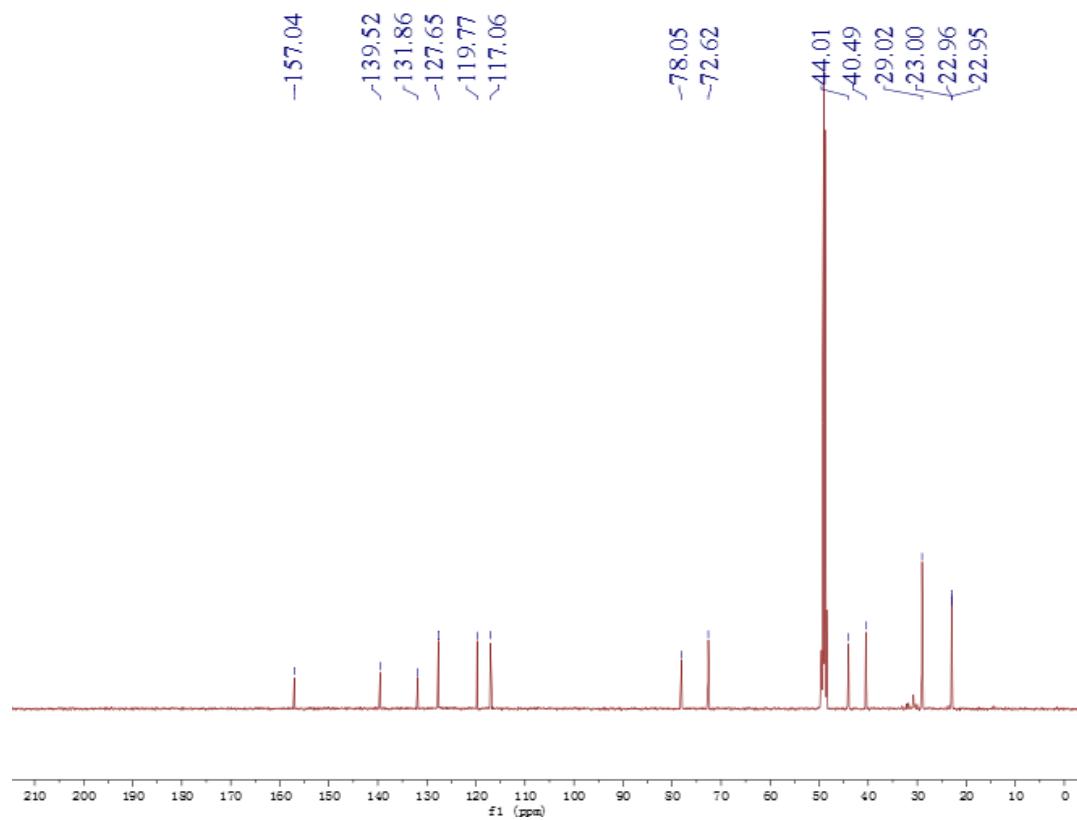


Fig.S32. ^{13}C NMR (125 MHz, Methanol- d_4) spectrum of compound **5**

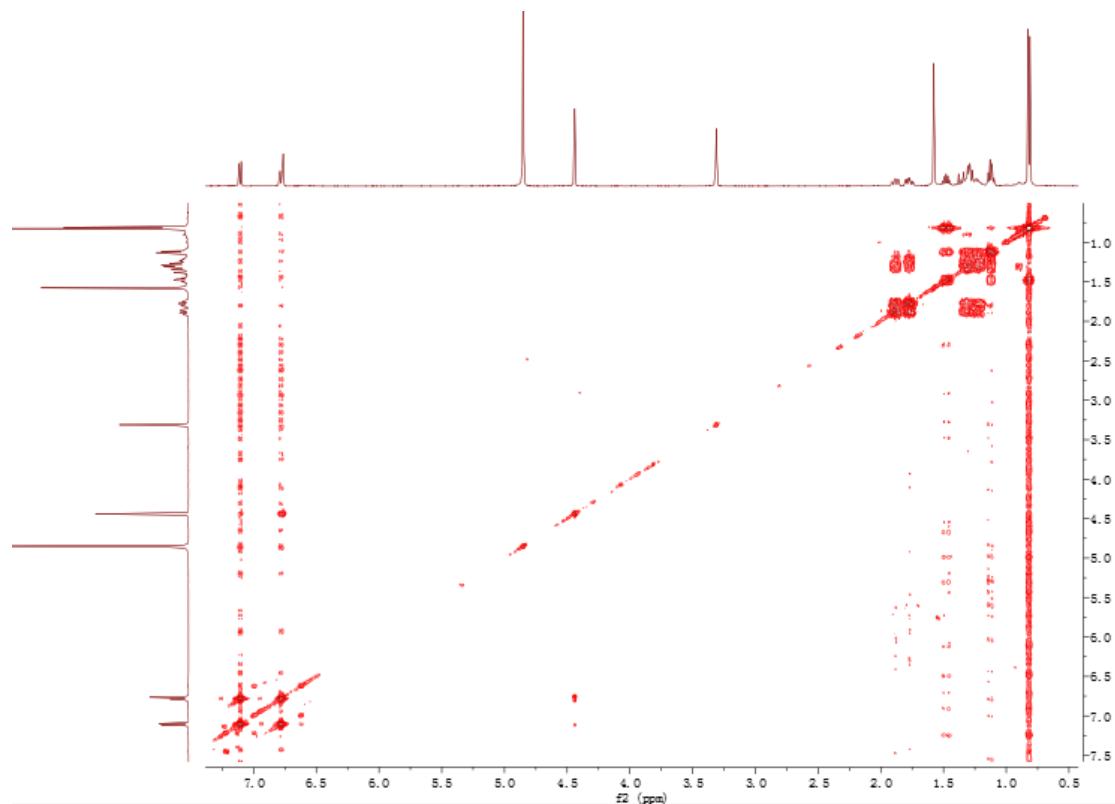


Fig.S33. ^1H - ^1H COSY (Methanol- d_4) spectrum of compound **5**

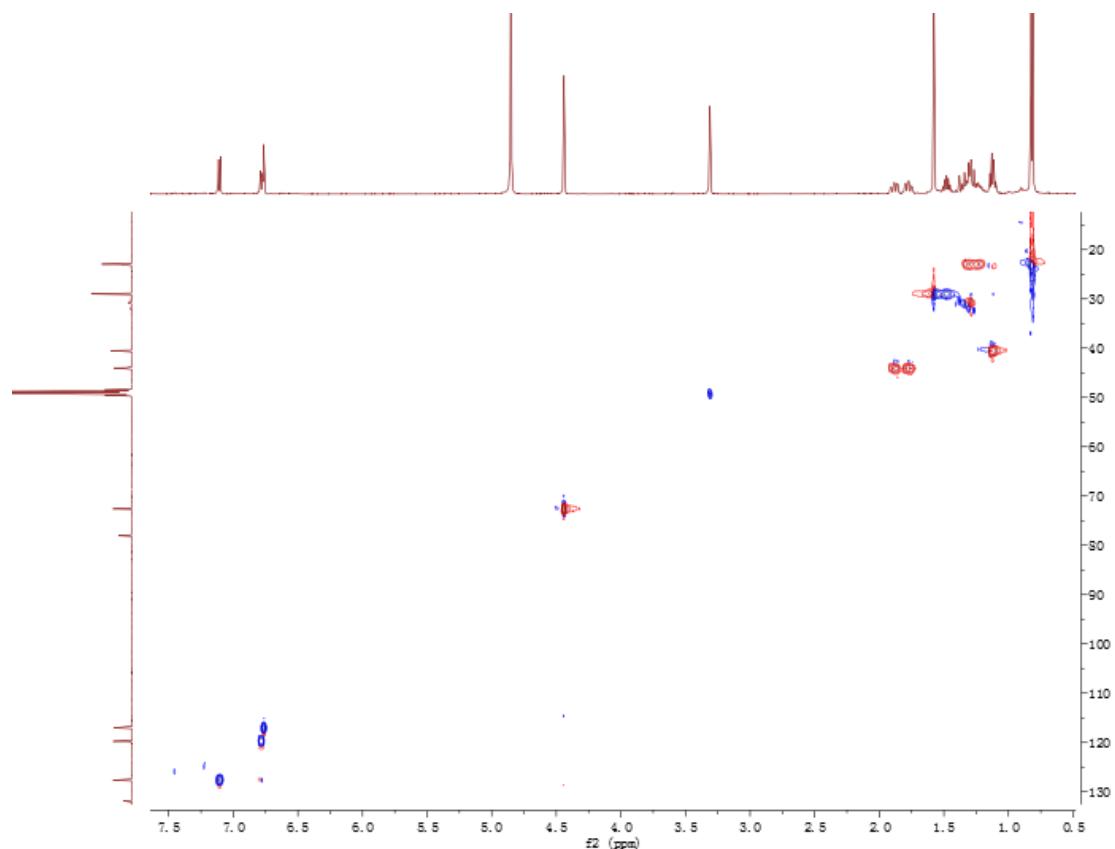


Fig.S34. HSQC (Methanol- d_4) spectrum of compound **5**

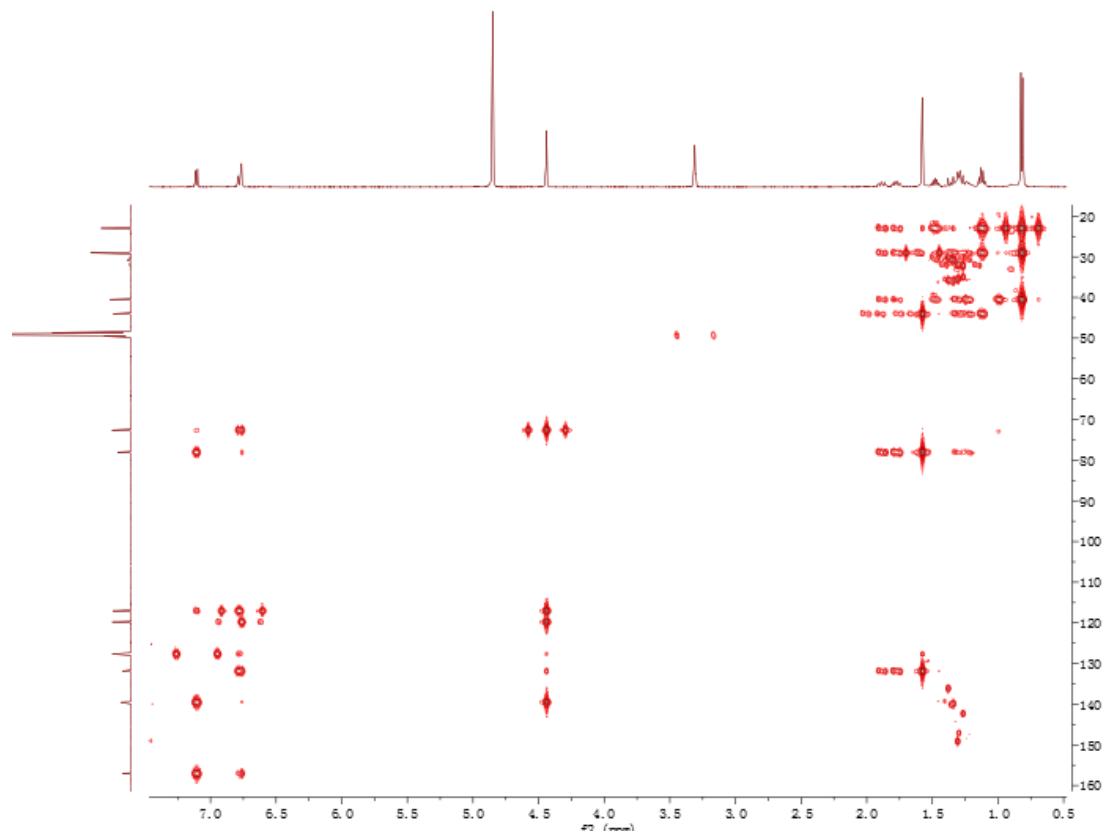


Fig.S35. HMBC (Methanol-*d*₄) spectrum of compound 5

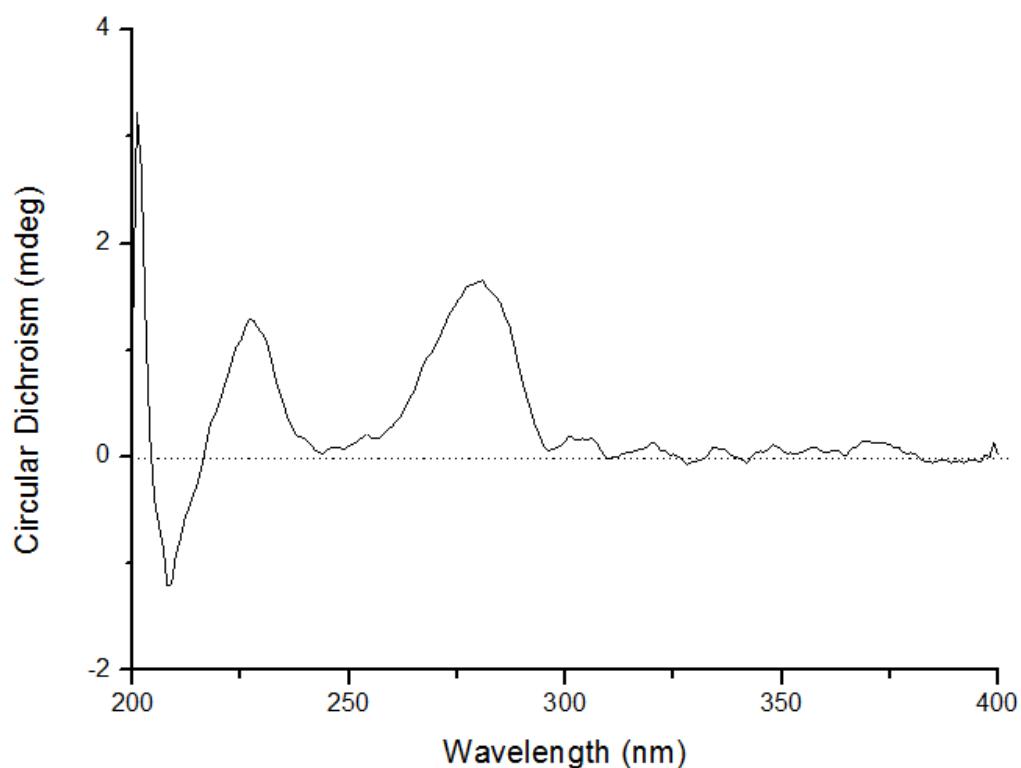


Fig.S36. Experimental ECD spectrum of compound 5

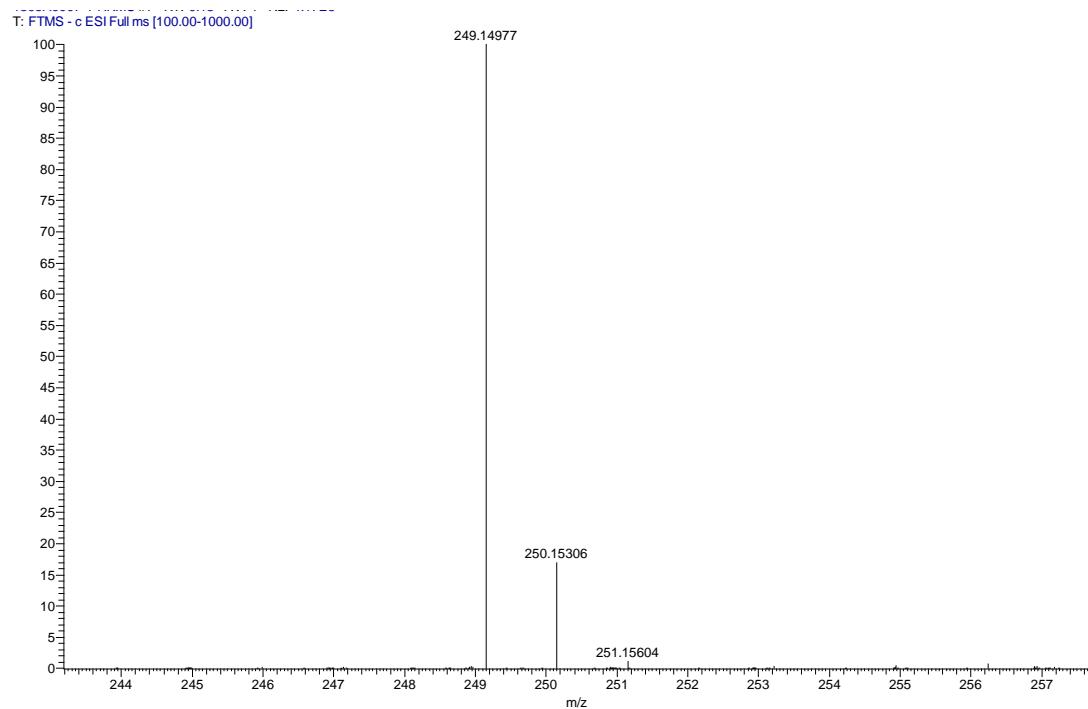


Fig.S37. HRESIMS spectrum of compound **6**

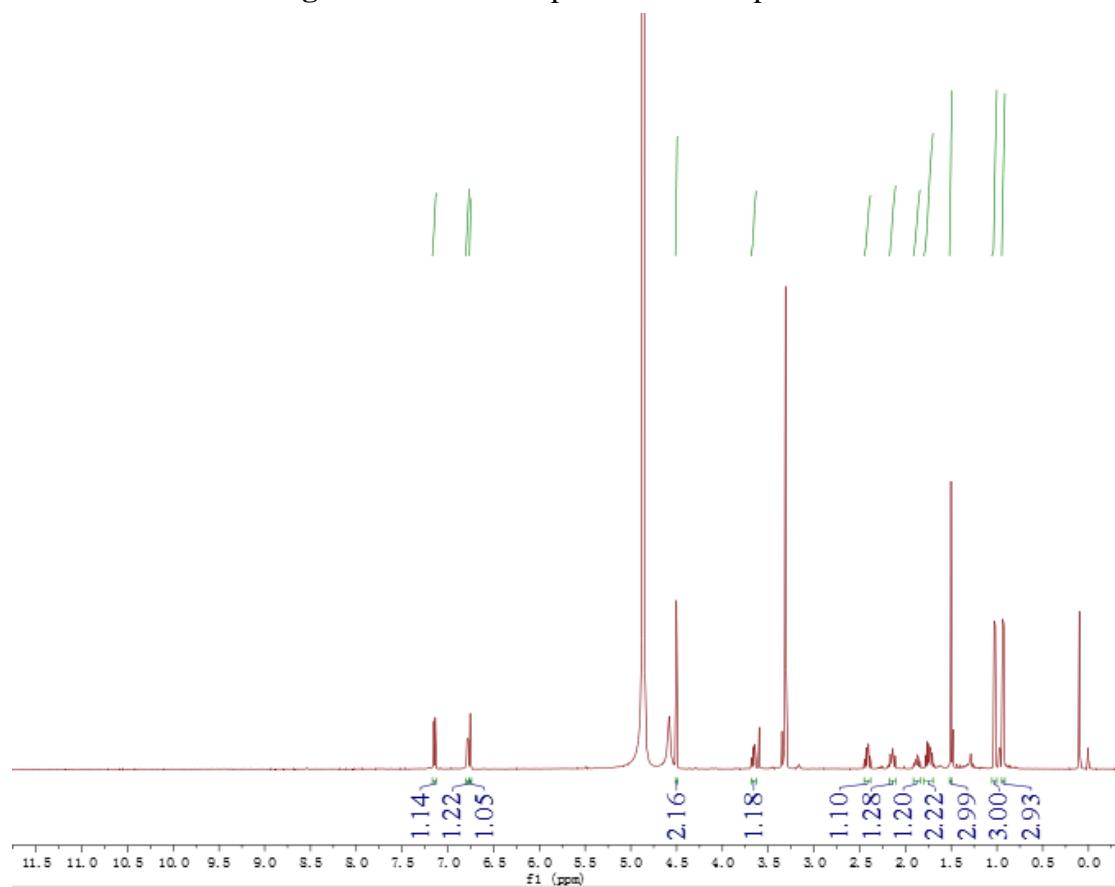


Fig.S38. ^1H NMR (500 MHz, Methanol- d_4) spectrum of compound **6**

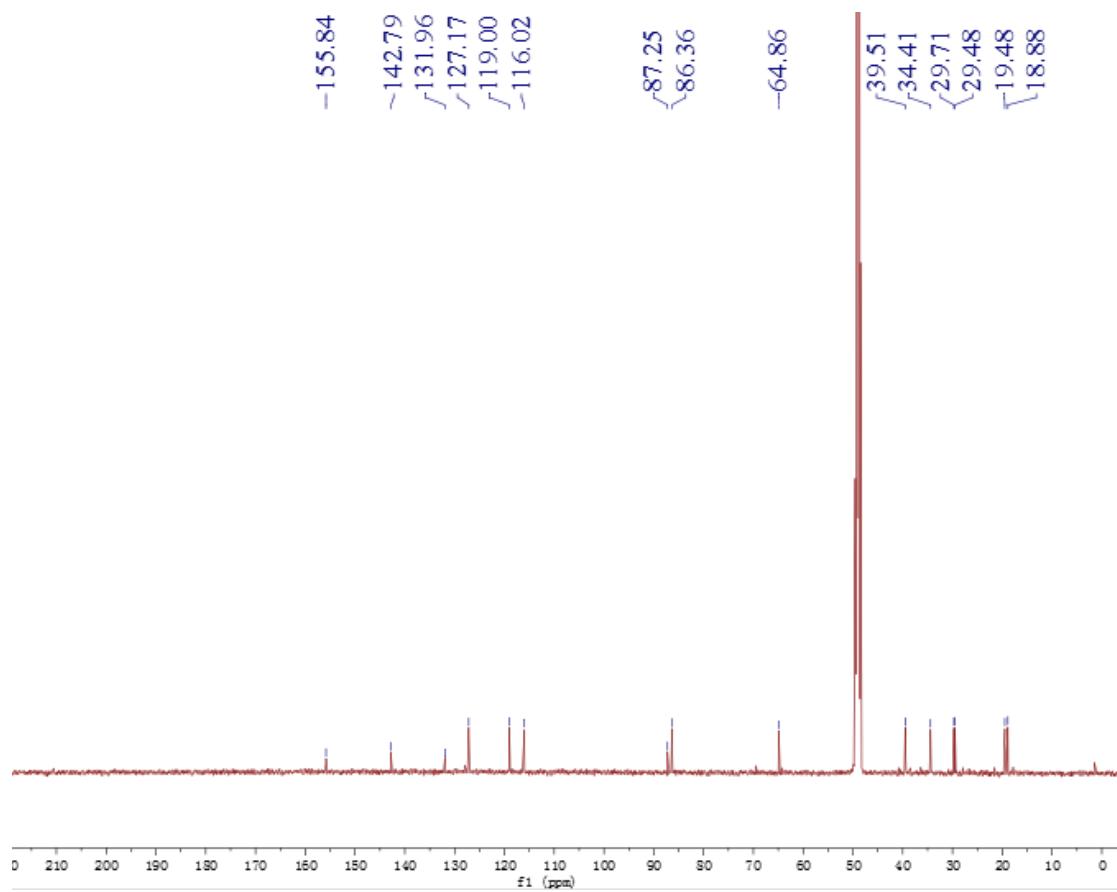


Fig.S39. ^{13}C NMR (125 MHz, Methanol- d_4) spectrum of compound 6

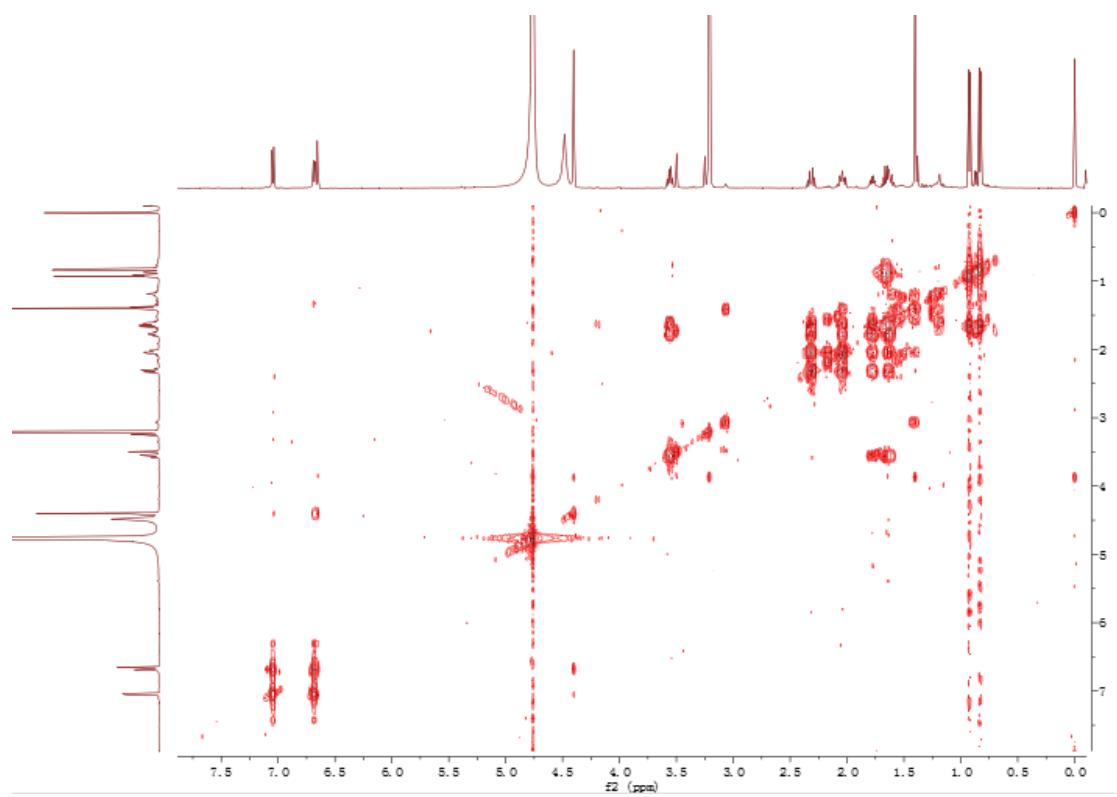


Fig.S40. ^1H - ^1H COSY (Methanol- d_4) spectrum of compound 6

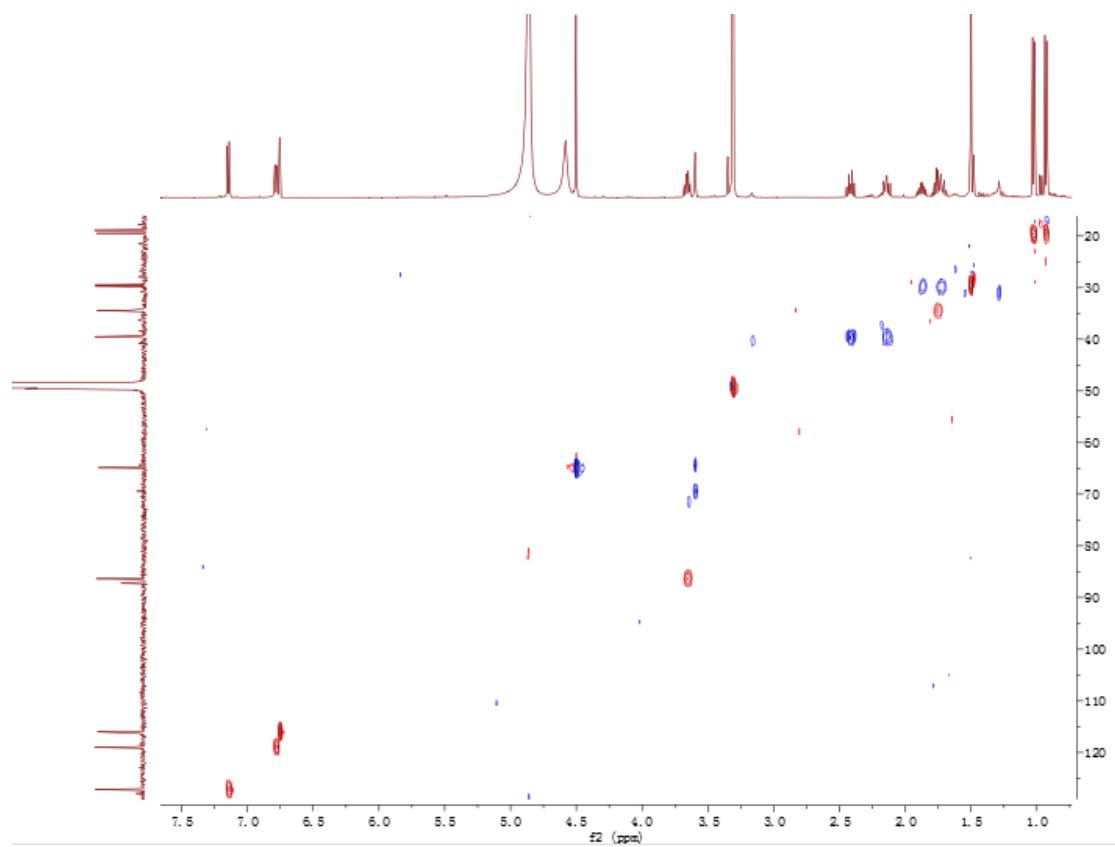


Fig.S41. HSQC (Methanol- d_4) spectrum of compound 6

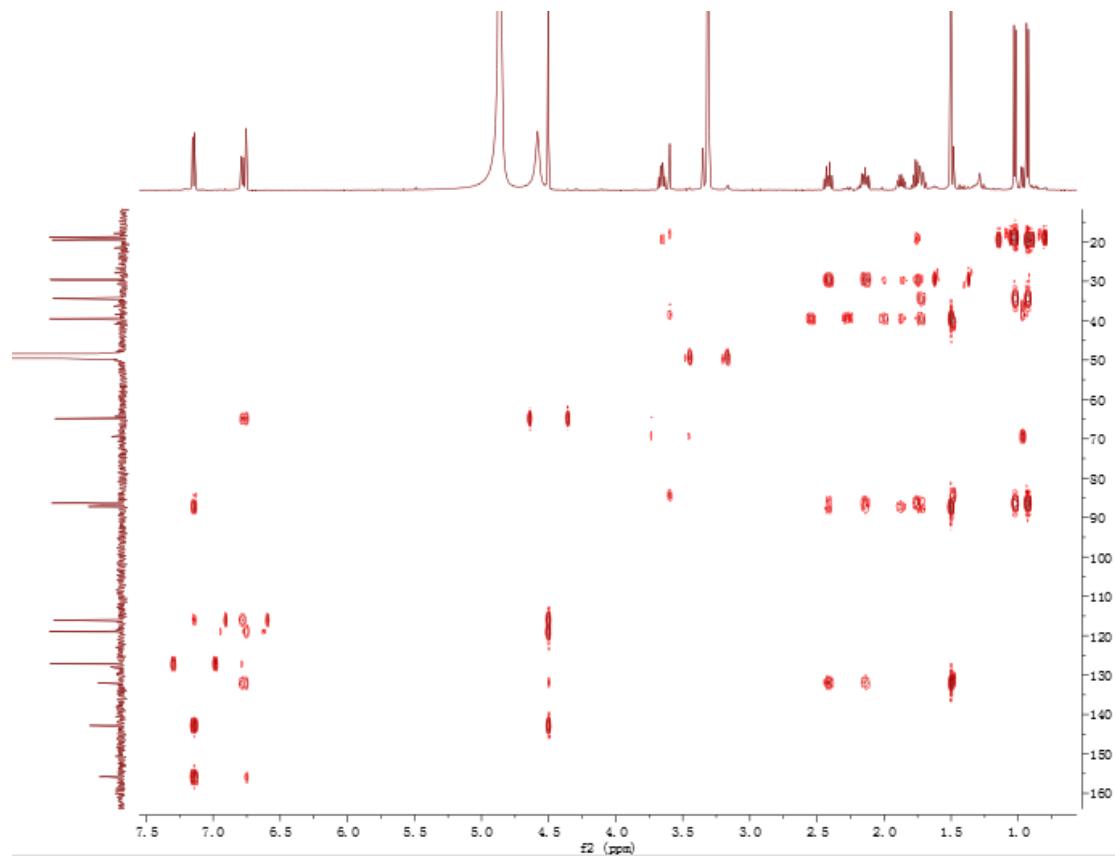


Fig.S42. HMBC (Methanol- d_4) spectrum of compound 6

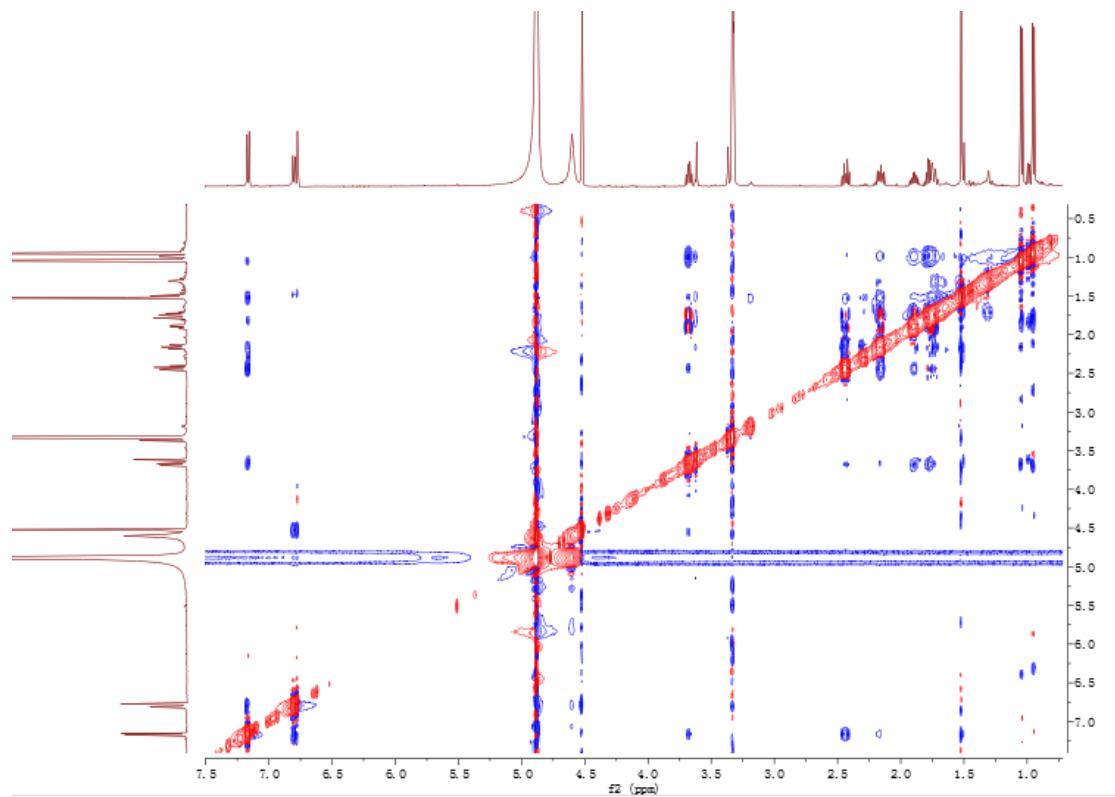


Fig.S43. NOESY (Methanol-*d*₄) spectrum of compound **6**

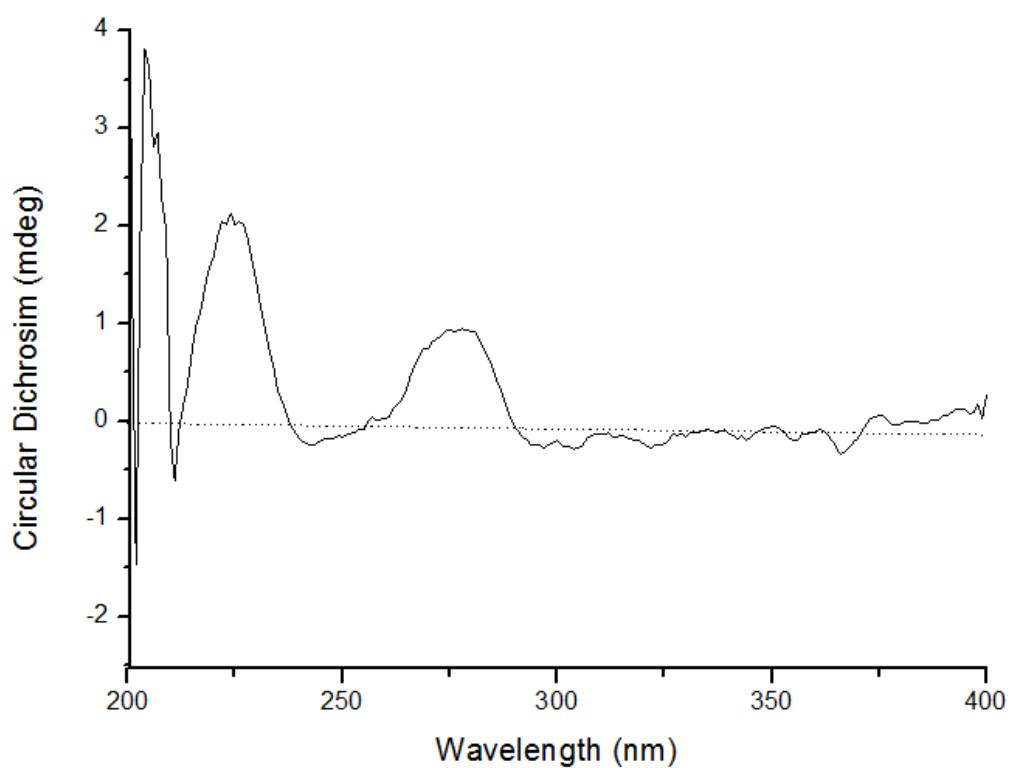


Fig.S44. Experimental ECD spectrum of compound **6**