

Supplementary Materials

New Azaphilones from *Nigrospora oryzae* Co-Cultured with *Beauveria bassiana*

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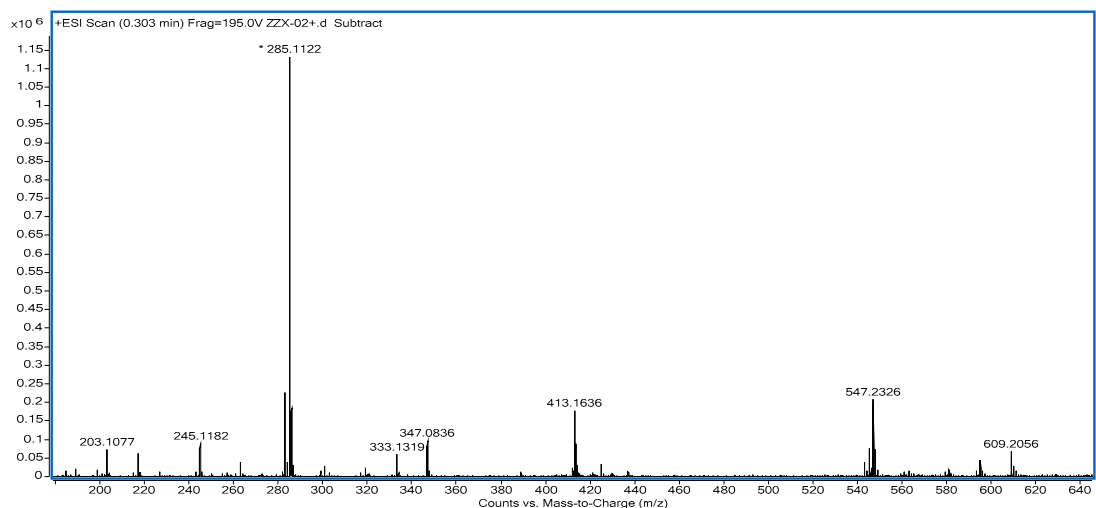


Figure S1. HRESIMS spectrum of compound **1**

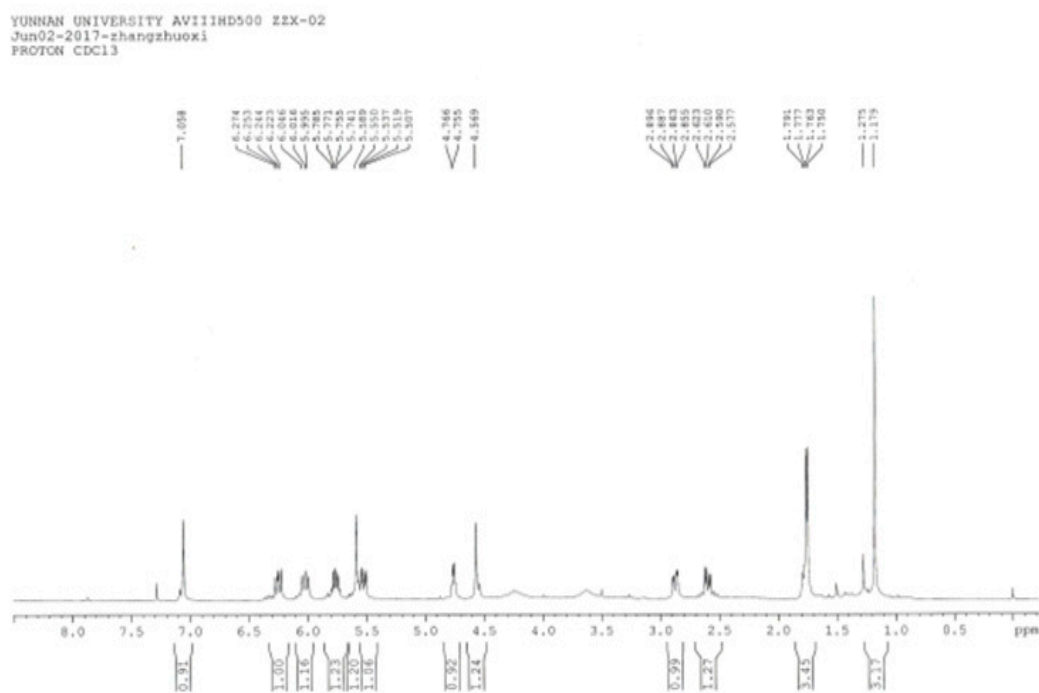


Figure S2. ¹H NMR spectrum of compound **1** in CDCl₃ (500 MHz)

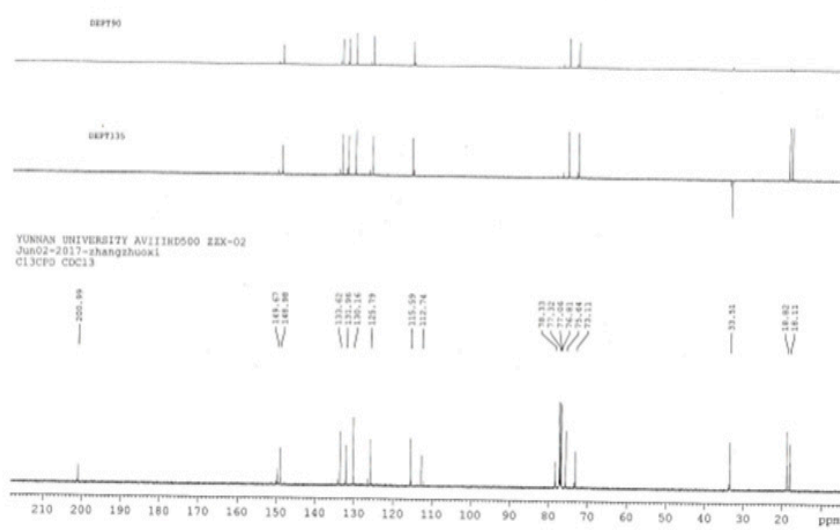


Figure S3. ^{13}C NMR spectrum of compound **1** in CDCl_3 (125MHz)

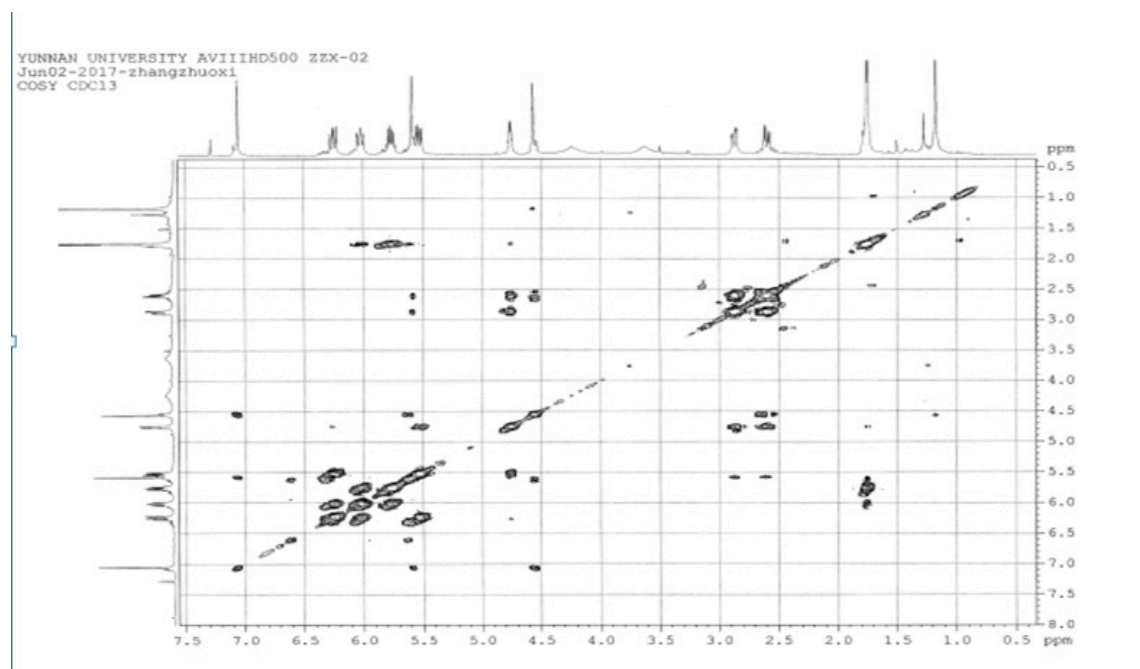


Figure S4. COSY spectrum of compound **1** in CDCl_3 (500 MHz)

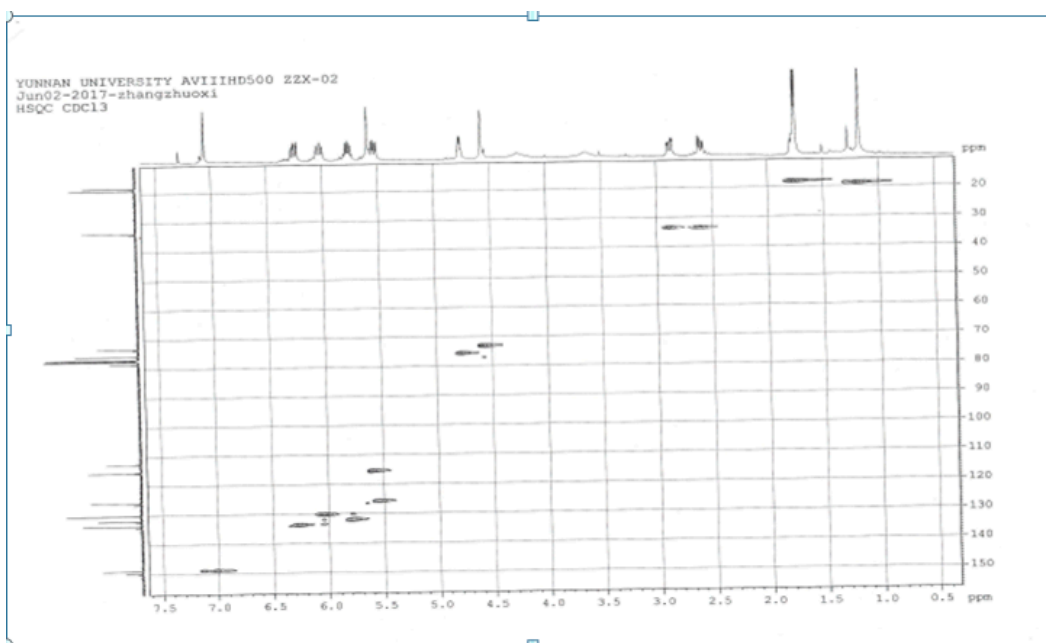


Figure S5. HSQC spectrum of compound **1** in CDCl₃ (500 MHz)

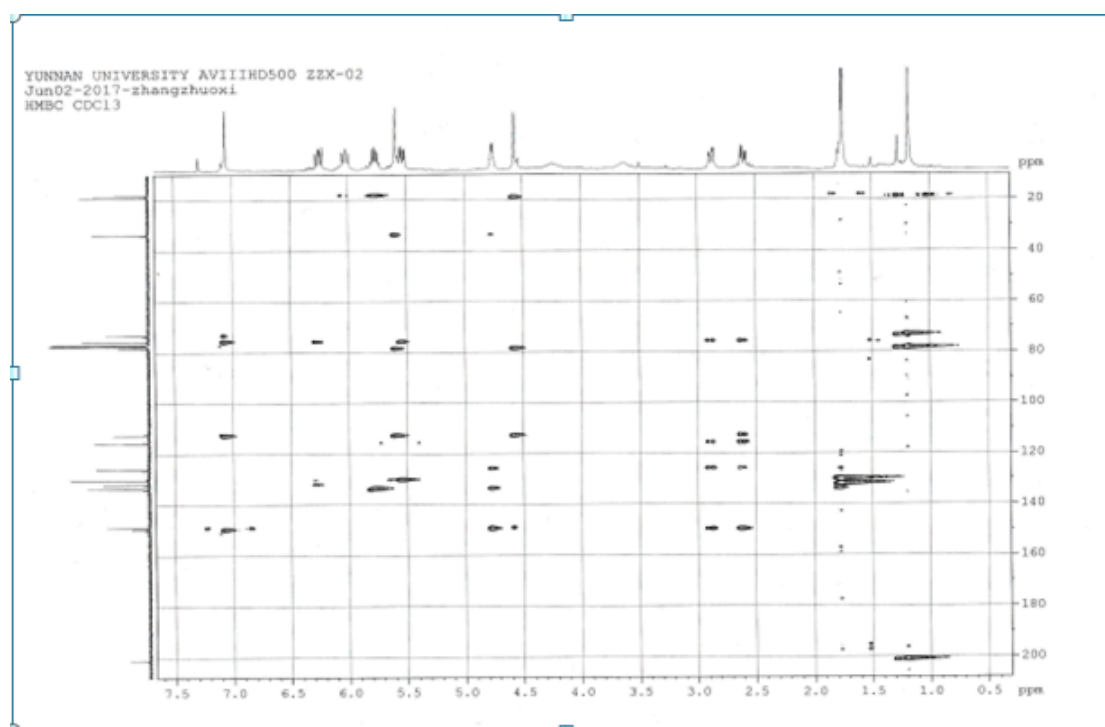


Figure S6. HMBC spectrum of compound **1** in CDCl₃ (500 MHz)

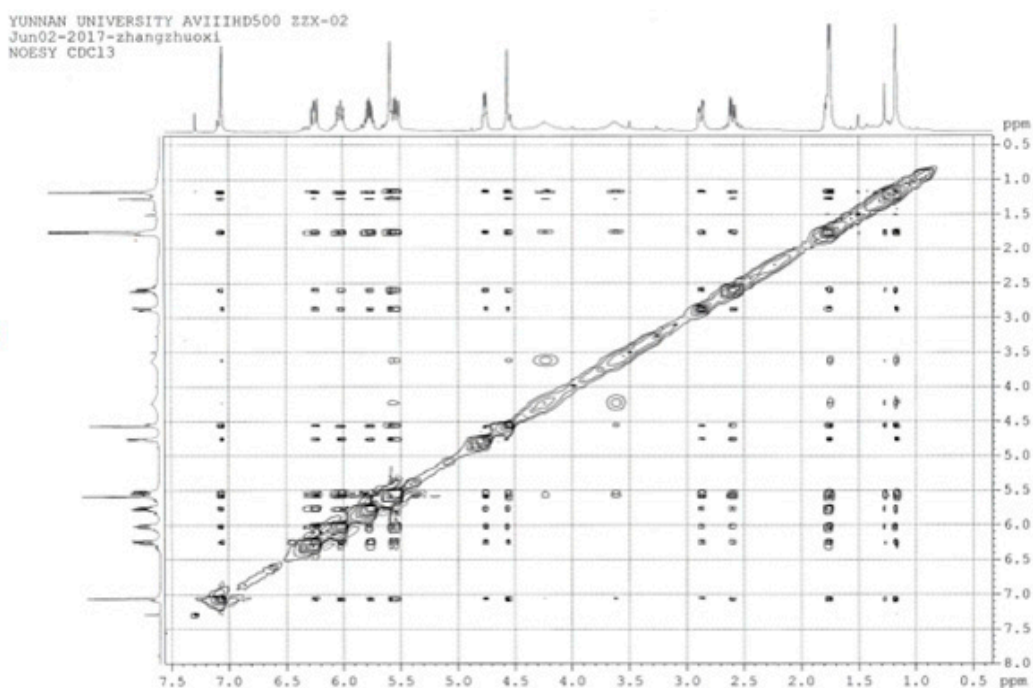


Figure S7. NOESY spectrum of compound **1** in CDCl₃ (500 MHz)

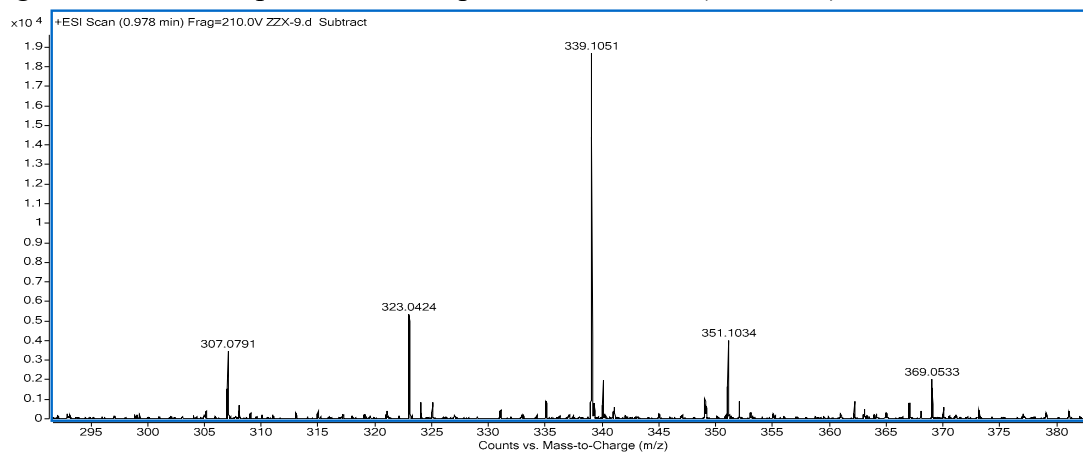


Figure S8. HRESIMS spectrum of compound **2**

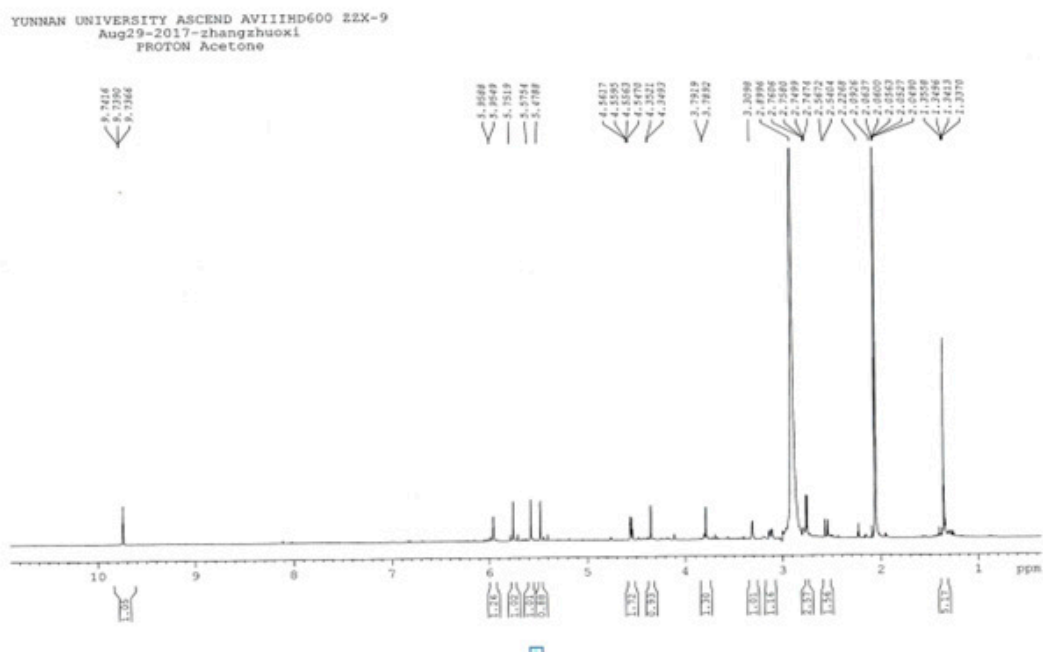


Figure S9. ^1H NMR spectrum of compound **2** in acetone (600 MHz)

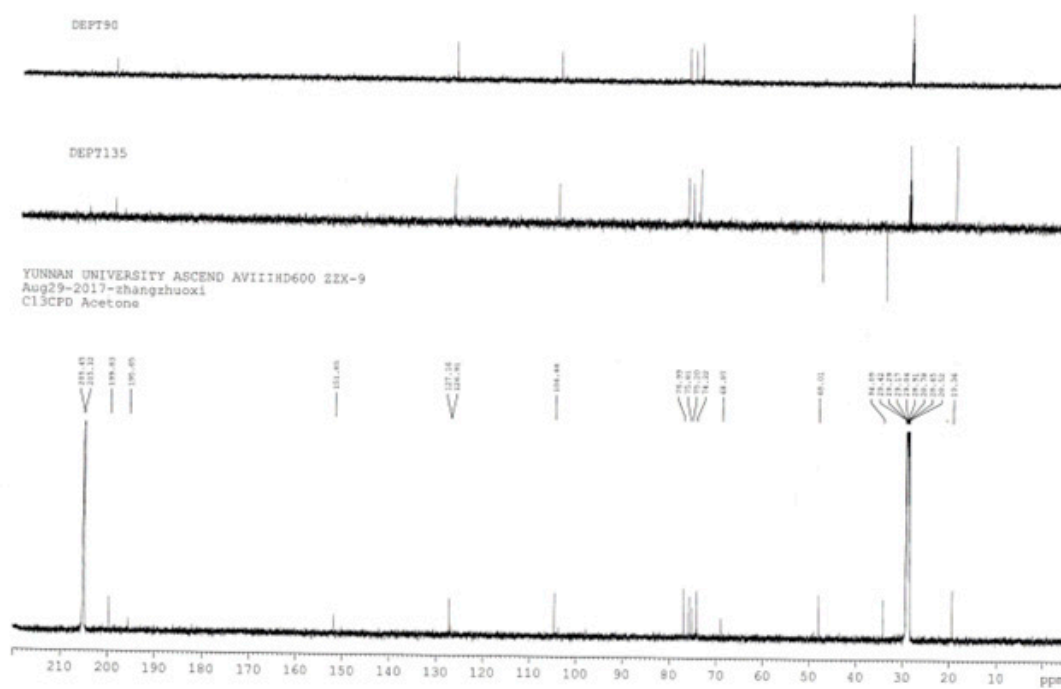


Figure S10. ^{13}C NMR spectrum of compound **2** in acetone (150MHz)

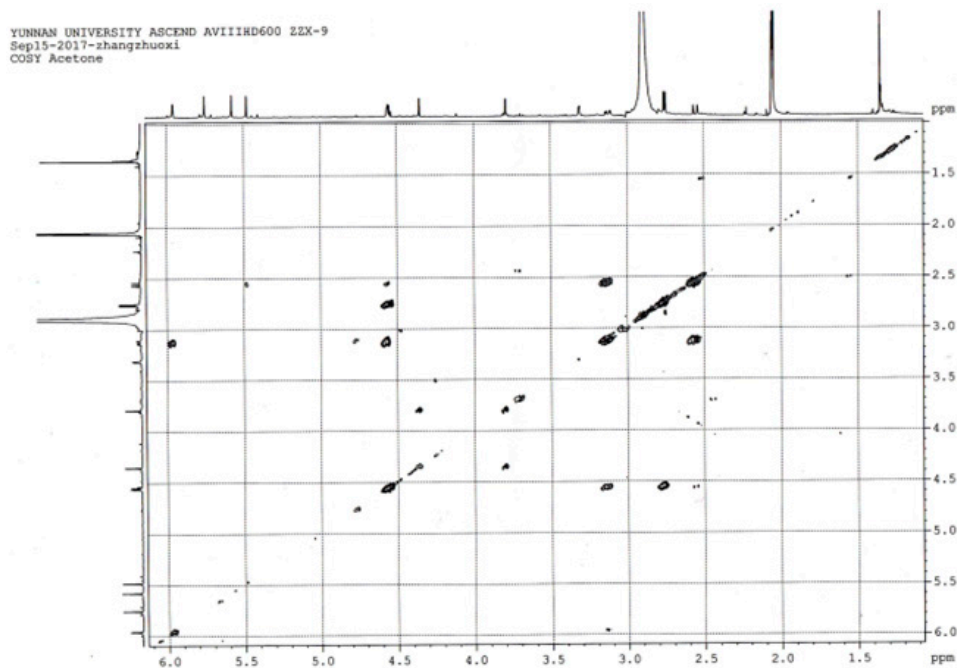


Figure S11. COSY spectrum of compound **2** in acetone (600MHz)

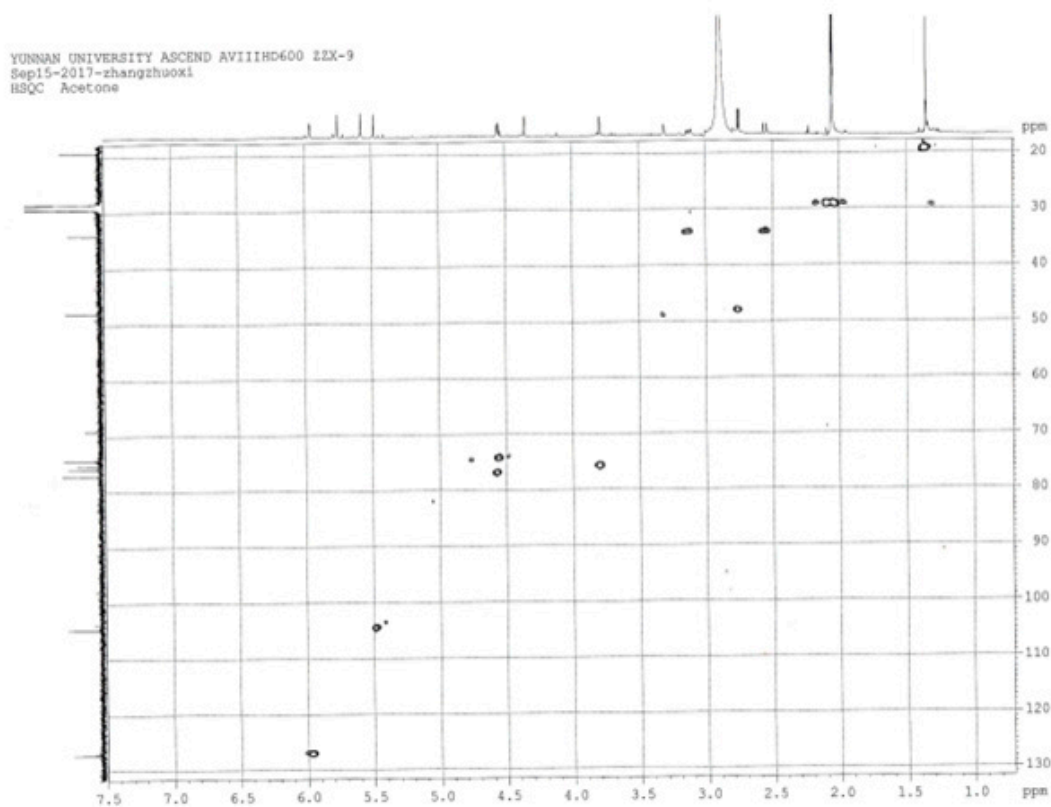


Figure S12. HSQC spectrum of compound **2** in acetone (600MHz)

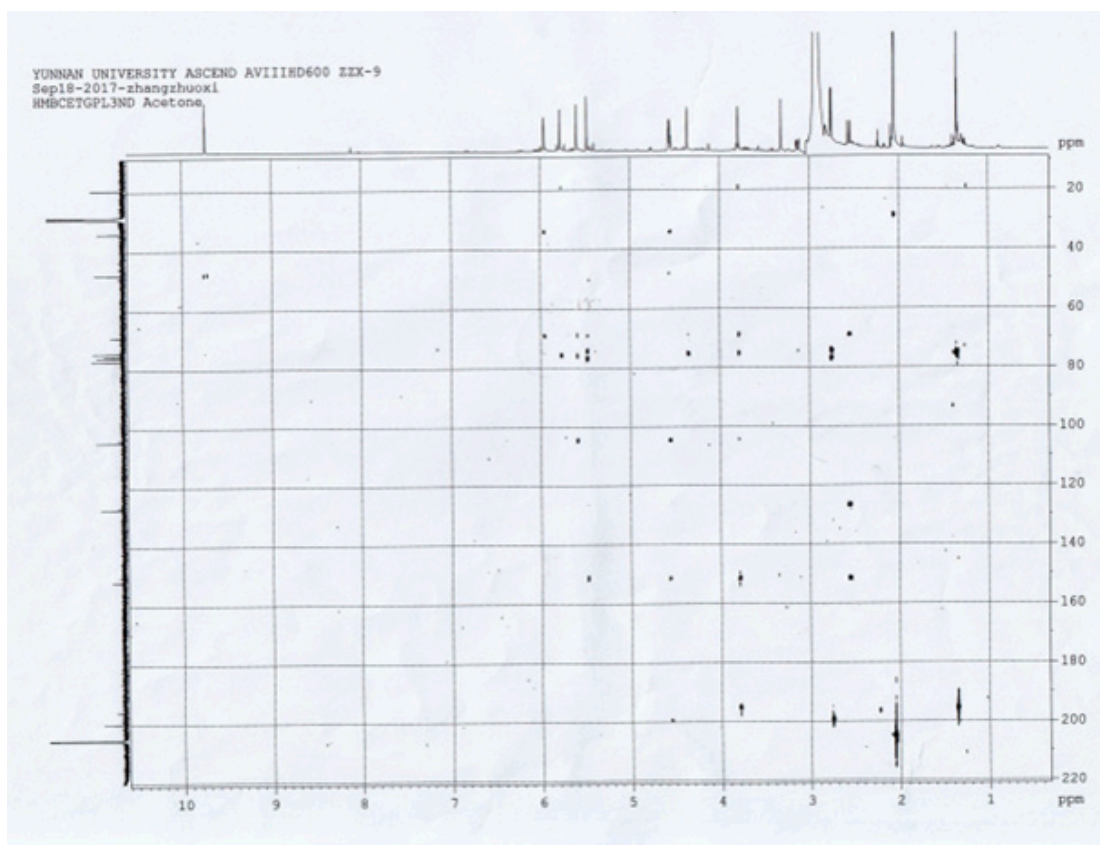


Figure S13. HMBC spectrum of compound **2** in acetone (600MHz)

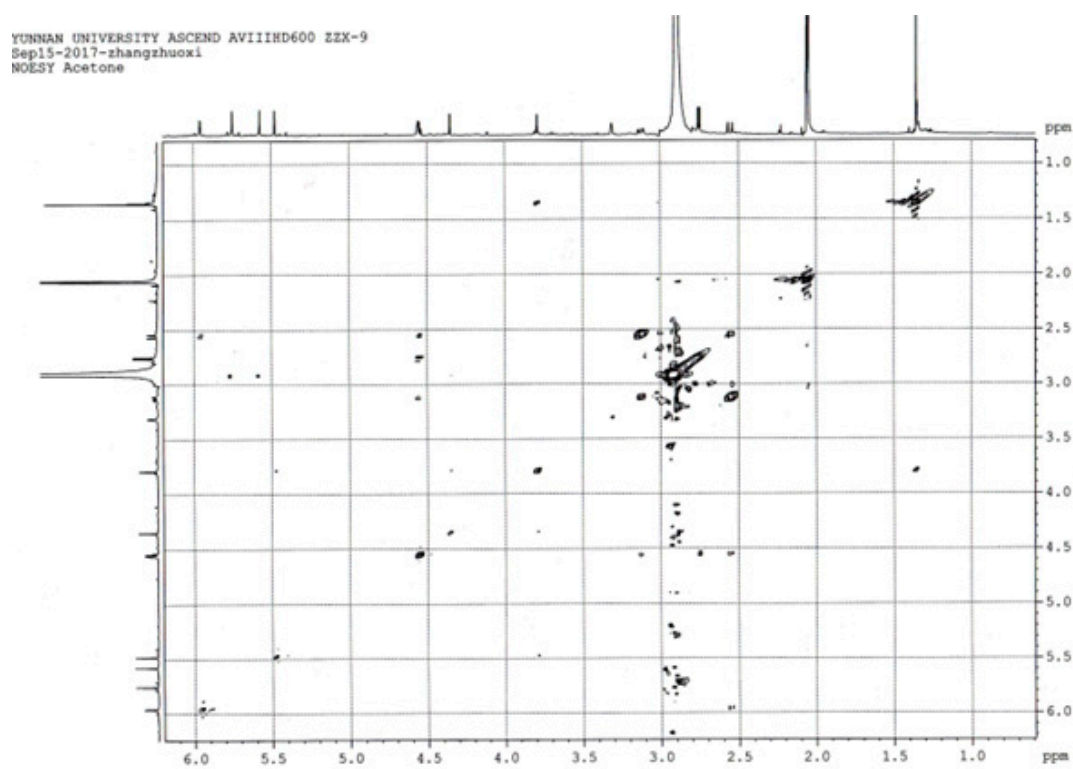


Figure S14. NOESY spectrum of compound **2** in acetone (600MHz)

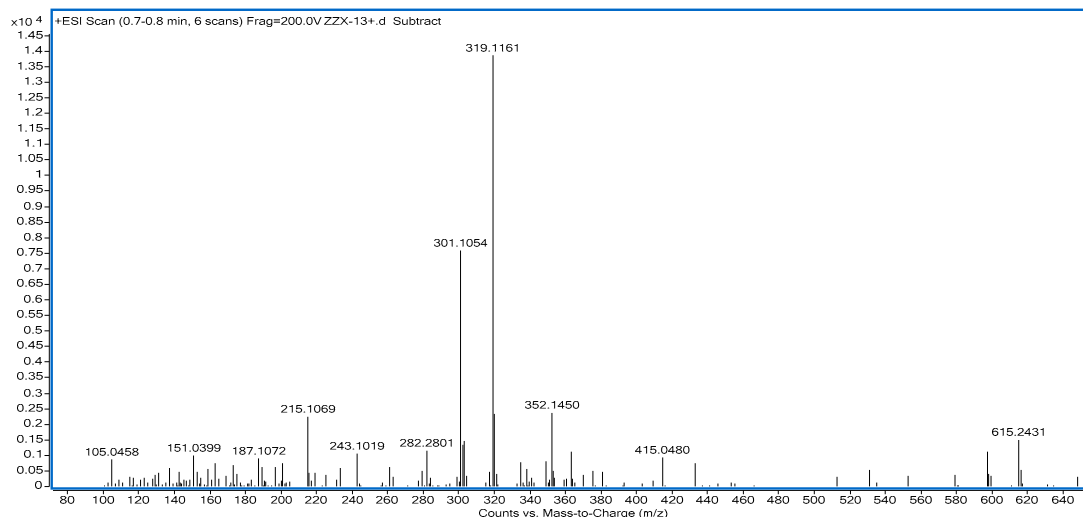


Figure S15.HRESIMS spectrum of compounds **3** and **4**

YUNNAN UNIVERSITY AVIIIND500 zzx-13
Oct27-2017-zhangzhuoxi MeOD

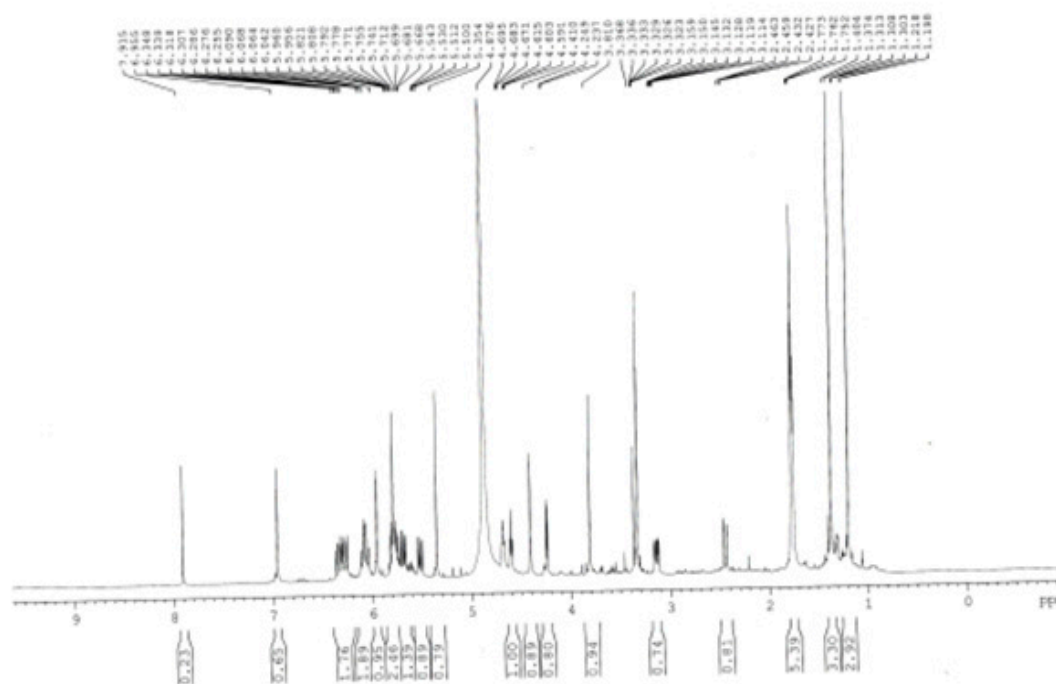


Figure S16. ^1H NMR spectrum of compounds **3** and **4** in MeOD (500 MHz)

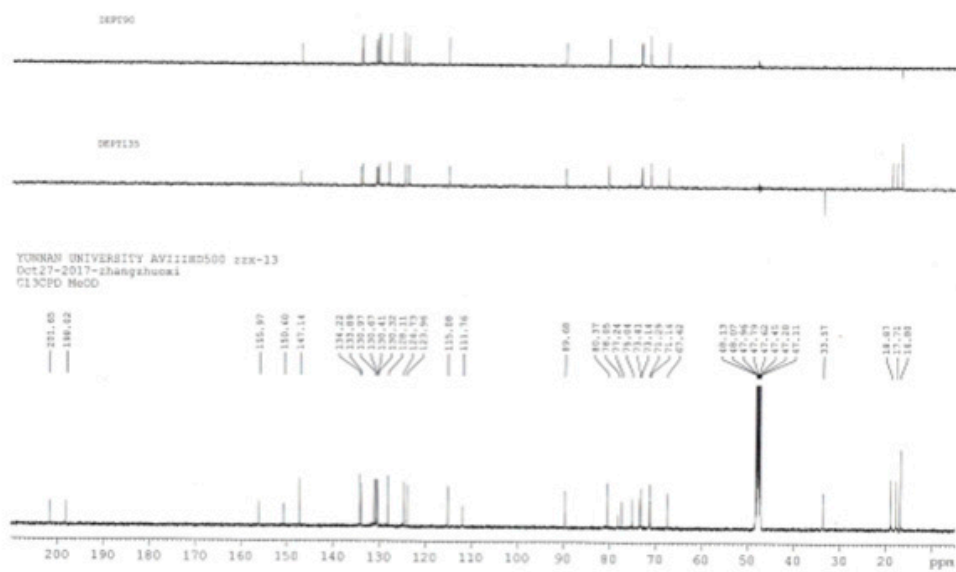


Figure S17. ^{13}C NMR spectrum of compounds **3** and **4** in MeOD (125 MHz)

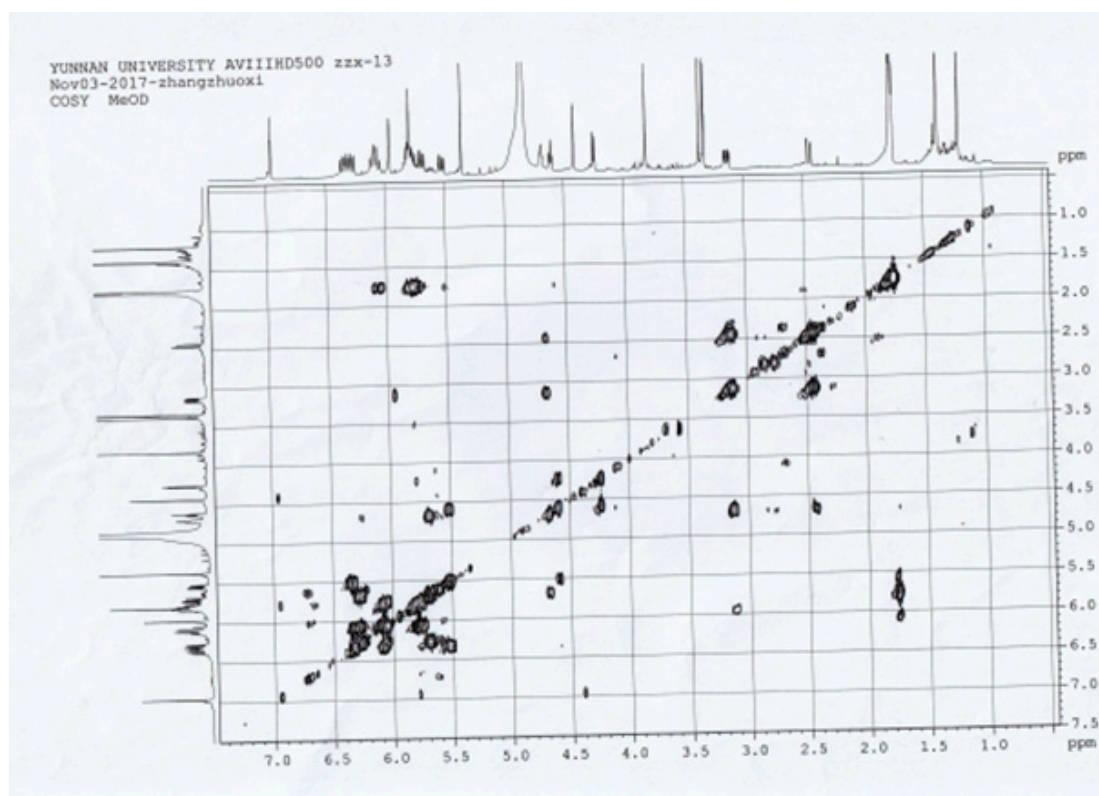


Figure S18. COSY spectrum of compounds **3** and **4** in MeOD (500MHz)

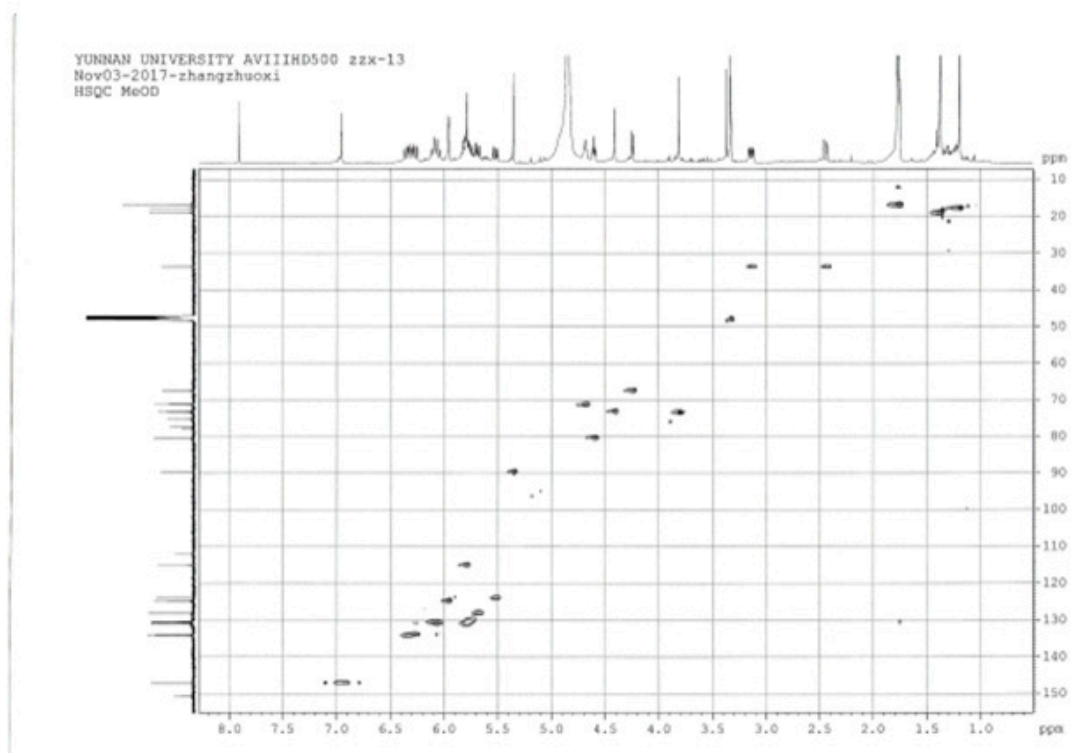


Figure S19. HSQC spectrum of compound **3** and **4** in MeOD (500MHz)

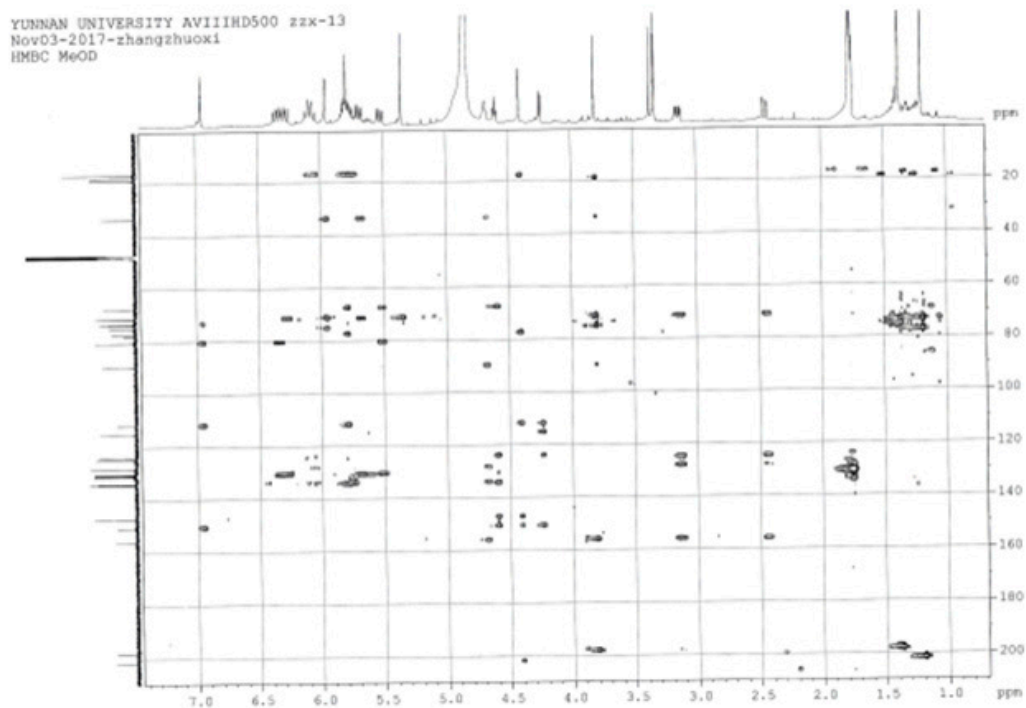


Figure S20. HMBC spectrum of compounds **3** and **4** in MeOD (500MHz)

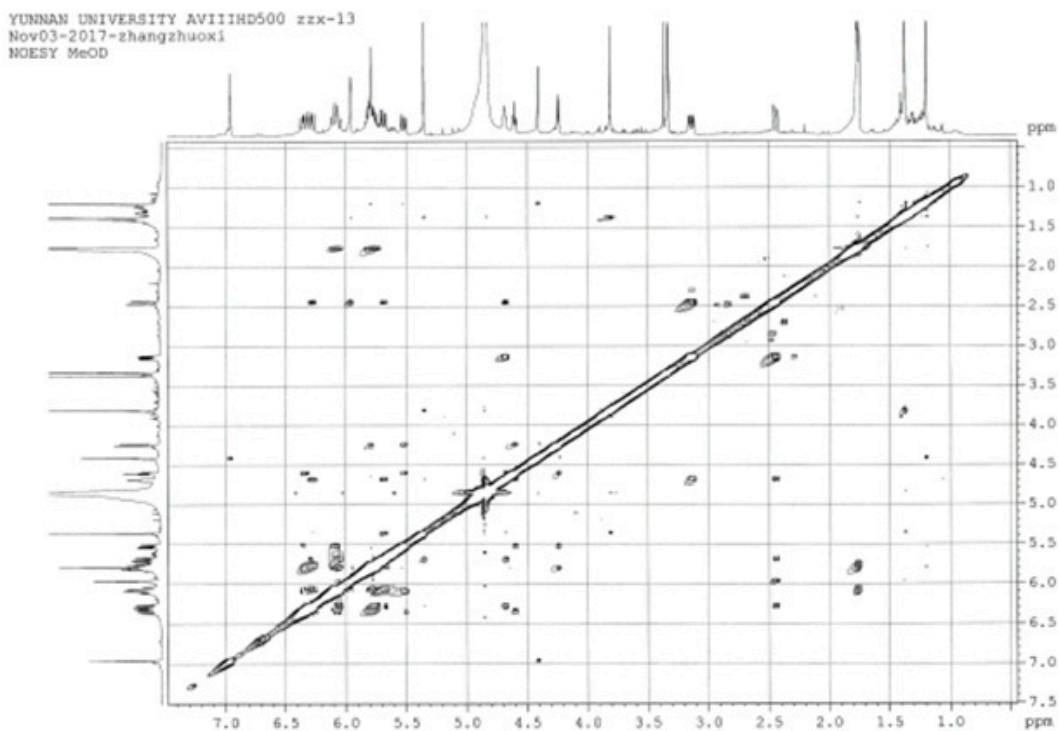


Figure S21. NOESY spectrum of compounds **3** and **4** in MeOD (500MHz)

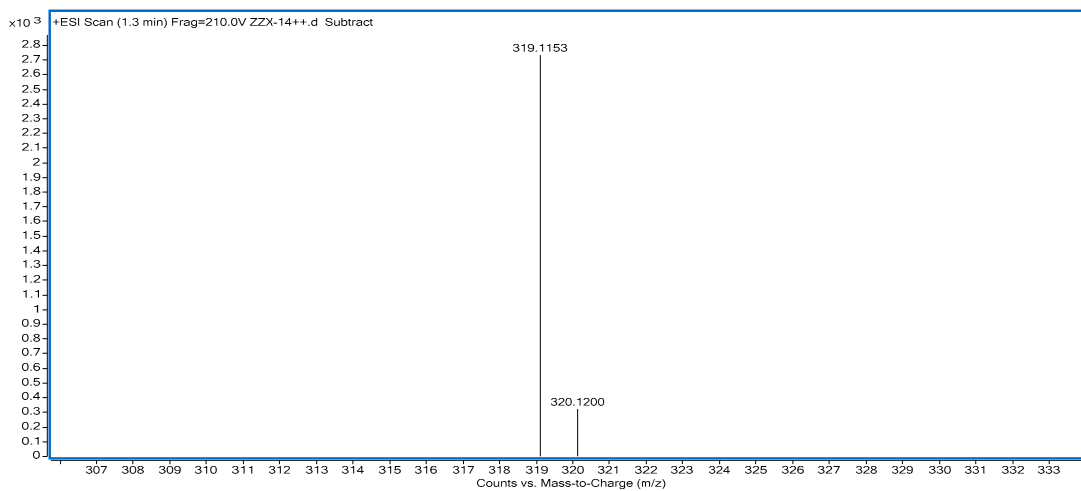


Figure S22.HRESIMS spectrum of compound **5**

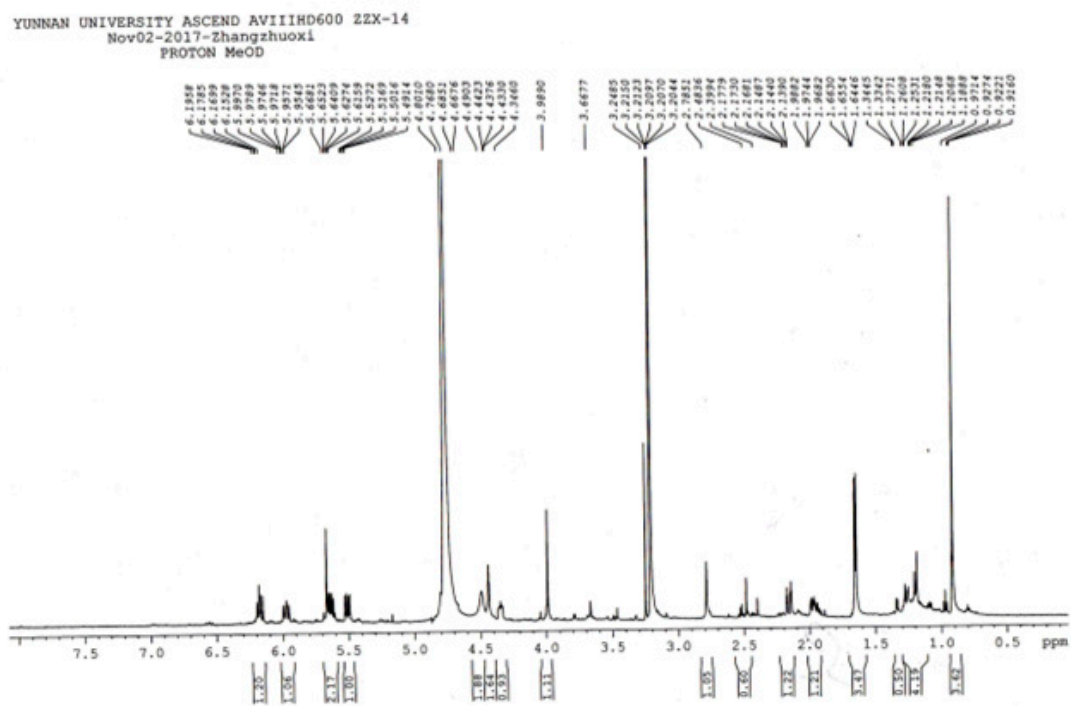


Figure S23. ^1H NMR spectrum of compound **5** in MeOD (600 MHz)

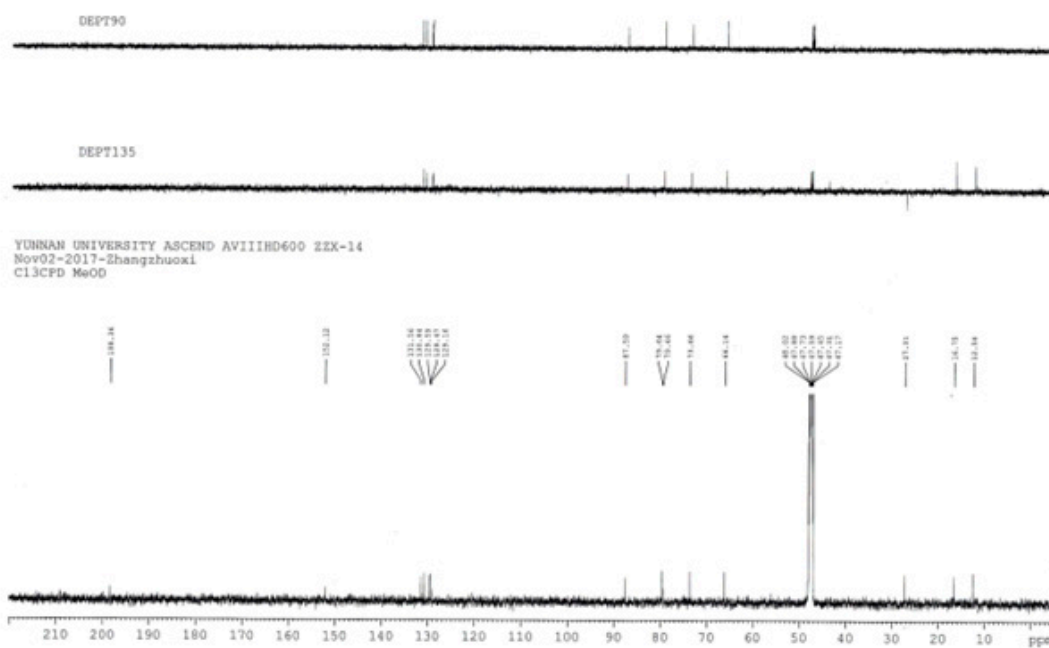


Figure S24. ^{13}C NMR spectrum of compound **5** in MeOD (150MHz)

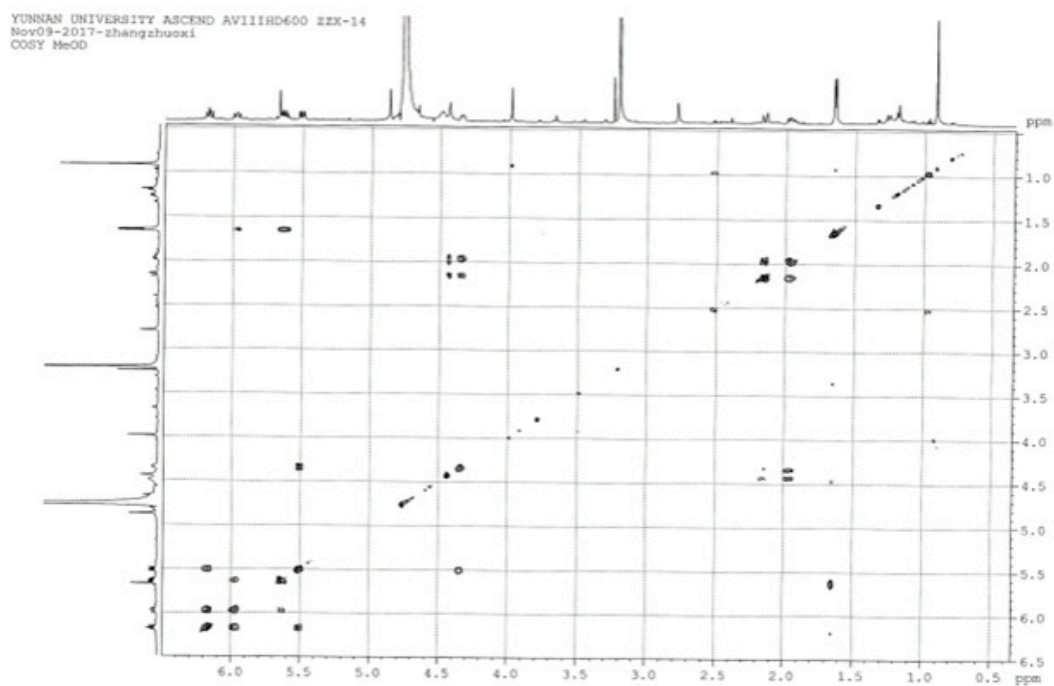


Figure S25. COSY spectrum of compound **5** in MeOD (600MHz)

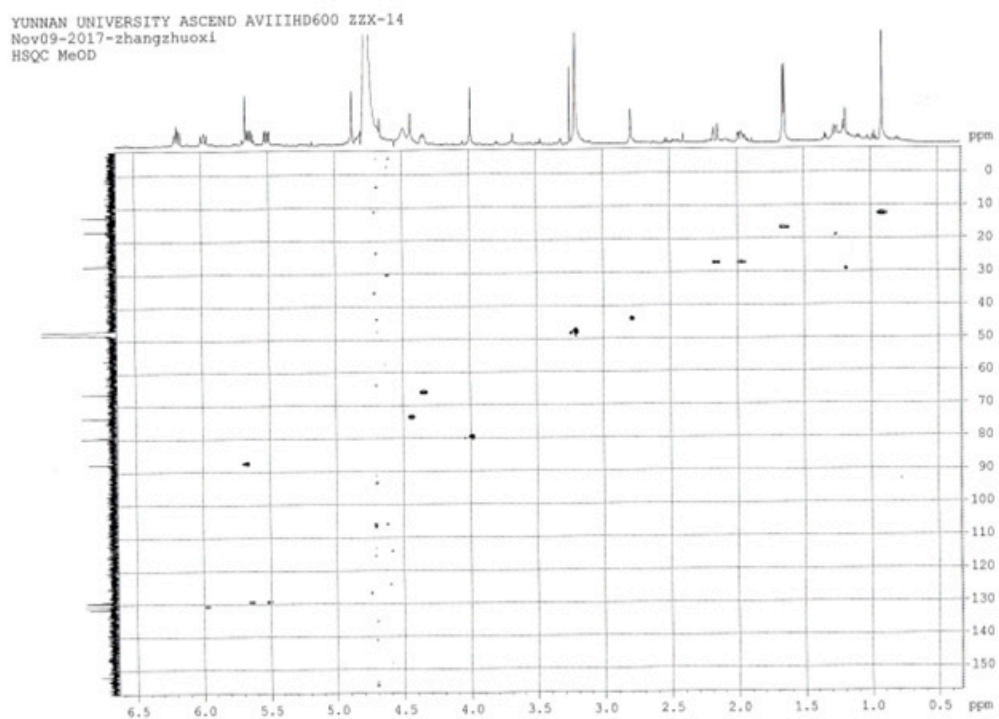


Figure S26. HSQC spectrum of compound **5** in MeOD (600MHz)

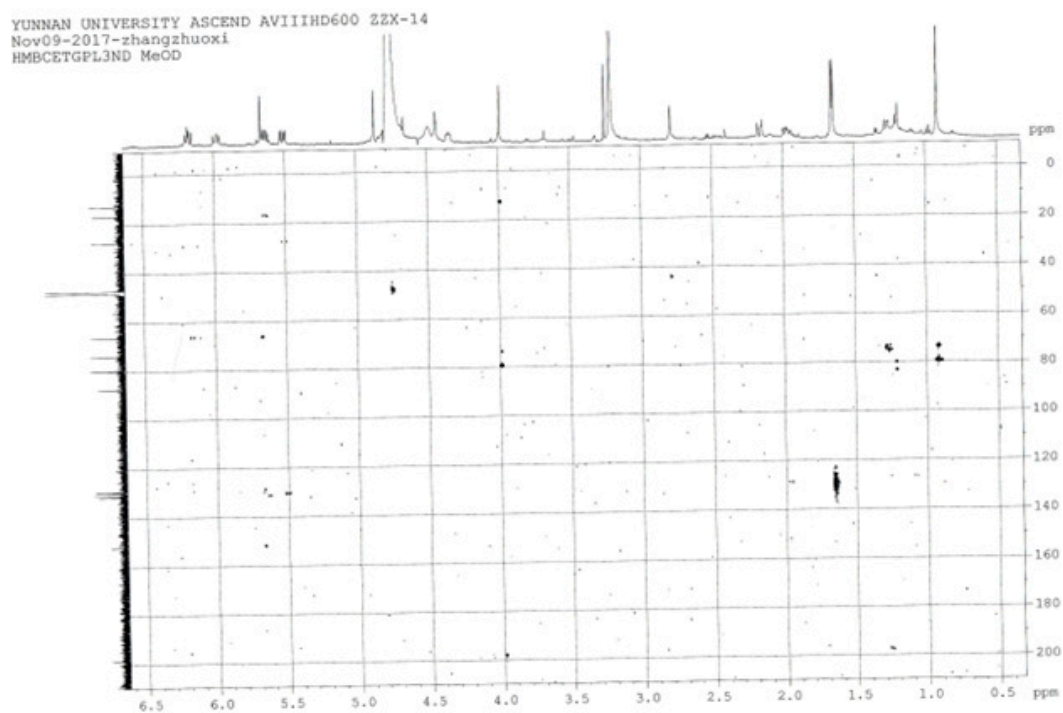


Figure S27. HMBC spectrum of compound **5** in MeOD (600MHz)

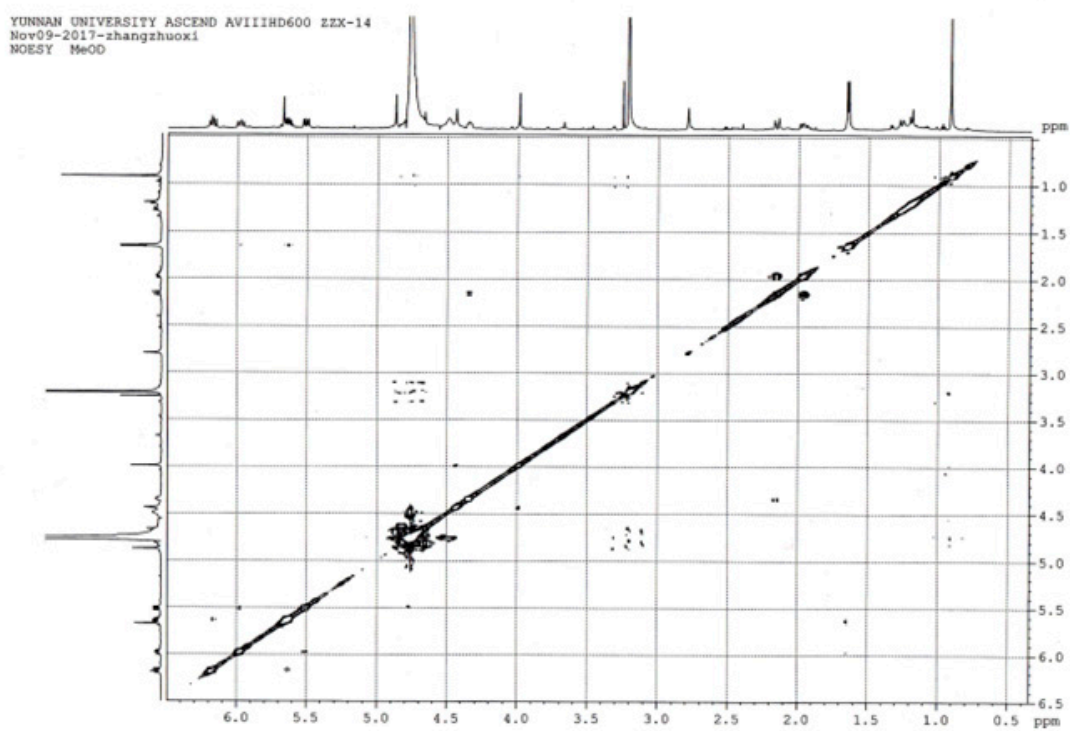


Figure S28. NOESY spectrum of compound **5** in MeOD (600MHz)

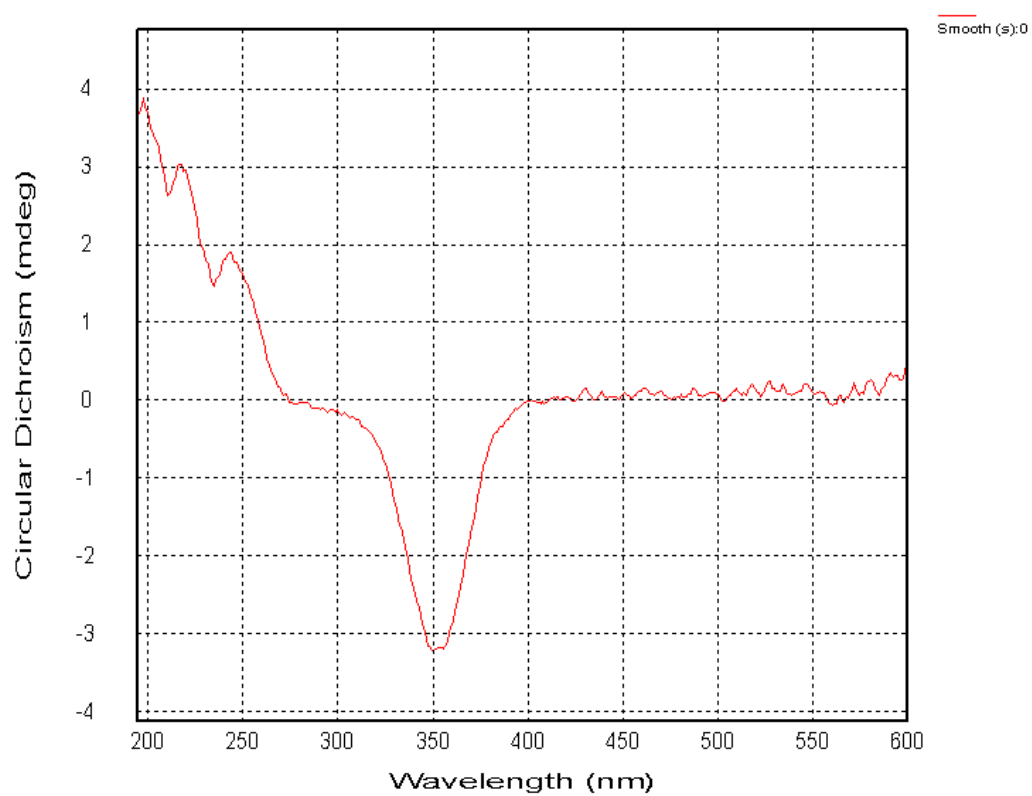


Figure S29. CD spectrum of compound 1

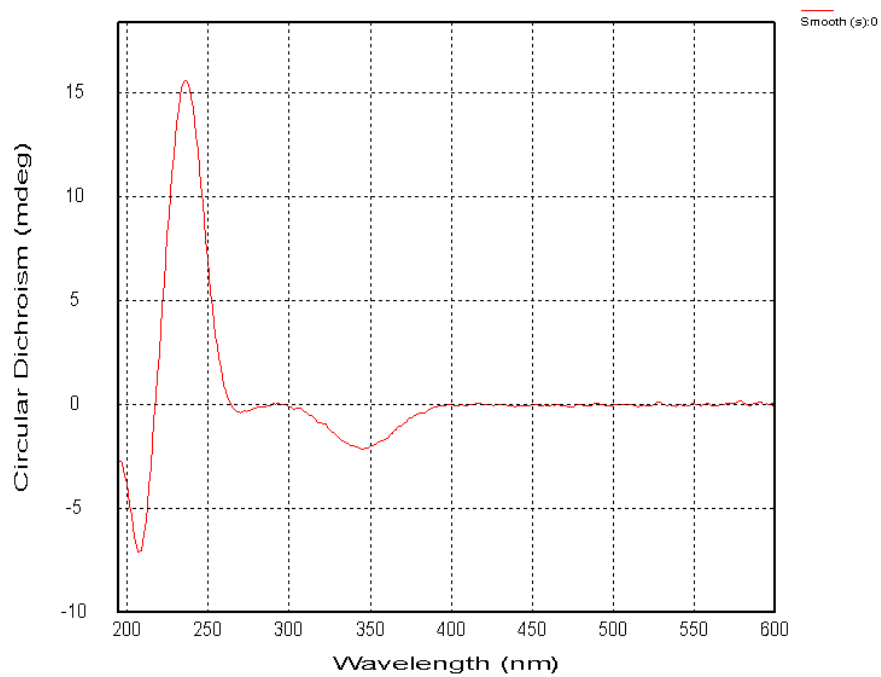


Figure S30. CD spectrum of compound 2

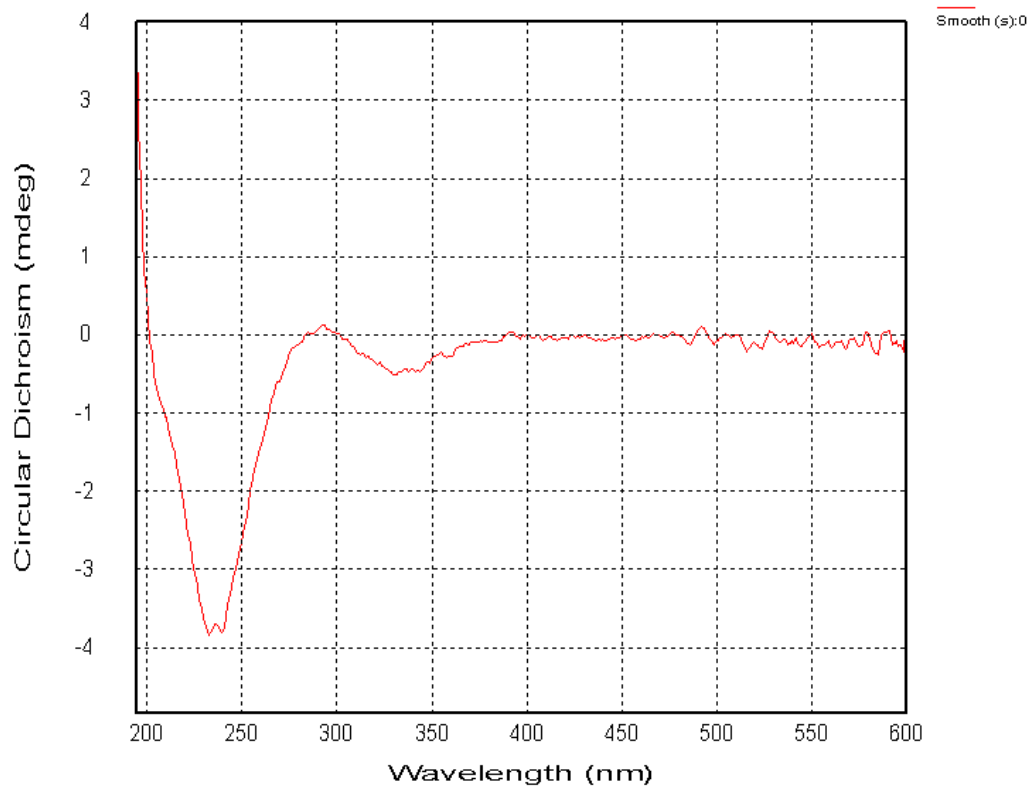


Figure S31. CD spectrum of compound 5

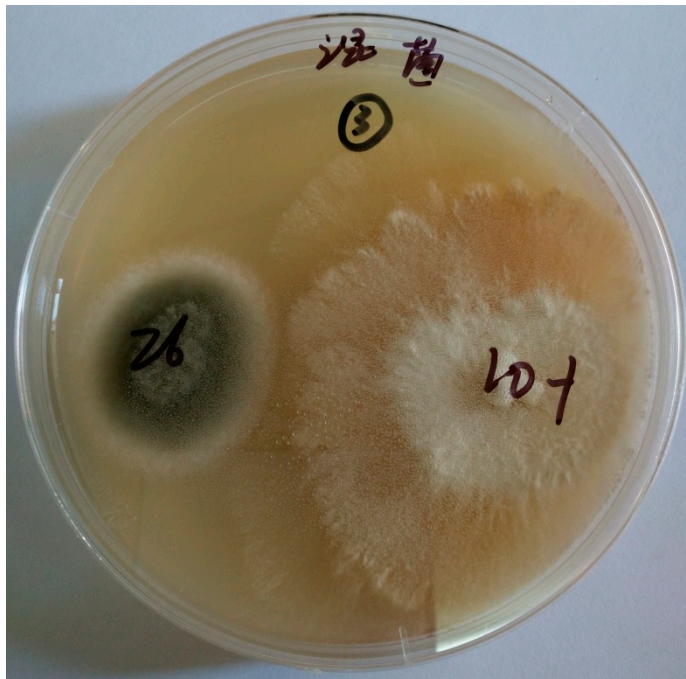


Figure S32. The plate culture of *Beauveria bassiana*, and *Nigrospora oryzae* in 3 days (Sequenced as the left to right).