

Article

Ten new dammarane-type saponins with hypolipidemia activity from a functional herbal tea-*Gynostemma pentaphyllum*

Maojing Yin^{1,2,†}, Jingjing Zhang^{1,2,†}, Lizhi Wang³, Fangyi Li^{1,2}, Zhenfa Li^{1,2}, Wei Xiang^{1,2}, Songtao Bie^{1,2}, Chunhua Wang^{1,2,*}, Zheng Li^{1,2,*}

- ¹ College of Pharmaceutical Engineering of Traditional Chinese Medicine, Tianjin University of Traditional Chinese Medicine, Tianjin 301617, China; yinmaojing11@163.com (M.Y.); zjj20190924@163.com (J.Z.); li_fangyi@hotmail.com (F.L.); li-zhenfa@hotmail.com (Z.L.); 15922162979@163.com (W.X.); biesongtao@126.com (S.B.)
 - ² Tianjin Key Laboratory of Modern Chinese Medicine, Tianjin University of Traditional Chinese Medicine, Tianjin 301617, China;
 - ³ School of Chinese Materia Medicine, Tianjin University of Traditional Chinese Medicine, Tianjin 301617, China; lzhuwang_2009@126.com (L.W.)
- * Correspondence: pharmwch@126.com (C.W.) or lizheng@tjutcm.edu.cn (Z.L.); Tel.: +86-22-5976-1813 (C.W.)
- † These authors contributed equally to this work.

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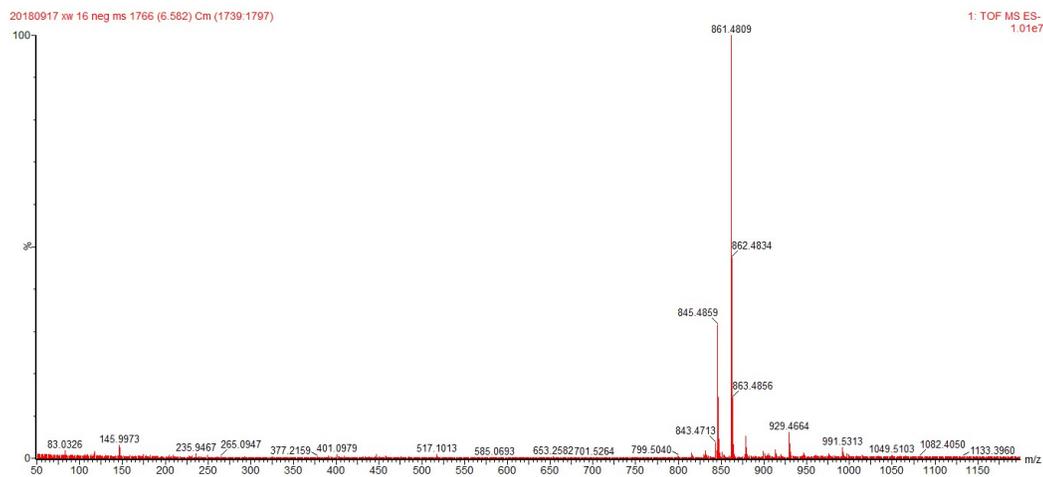
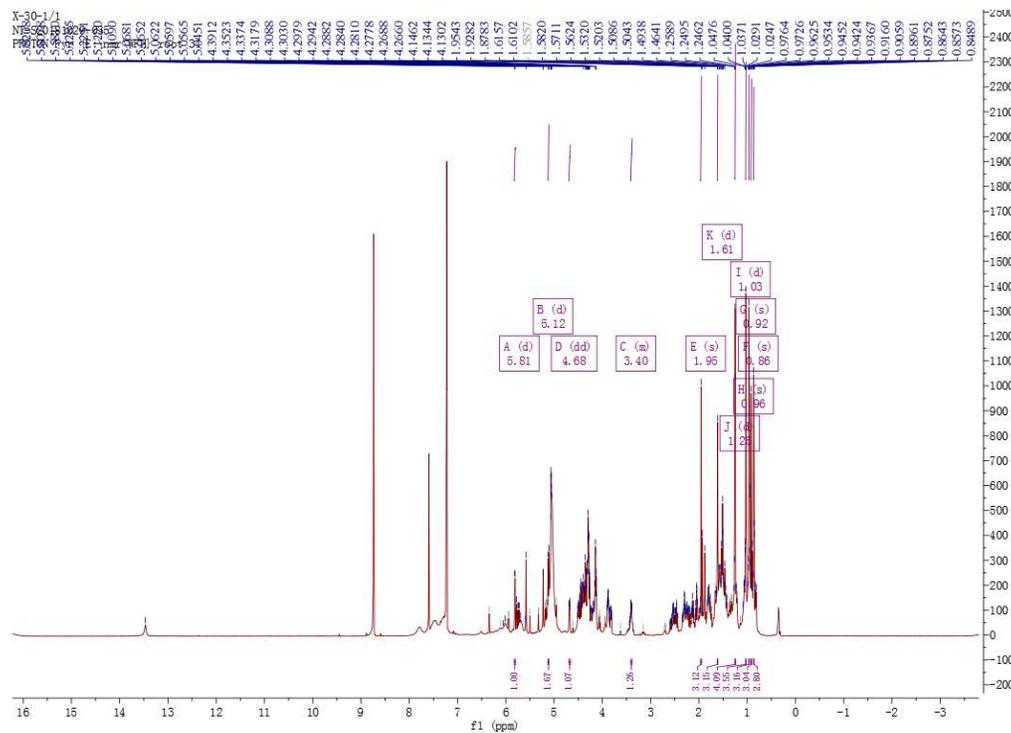


Figure S1. High-resolution electrospray ionization mass spectrum of compound **1**



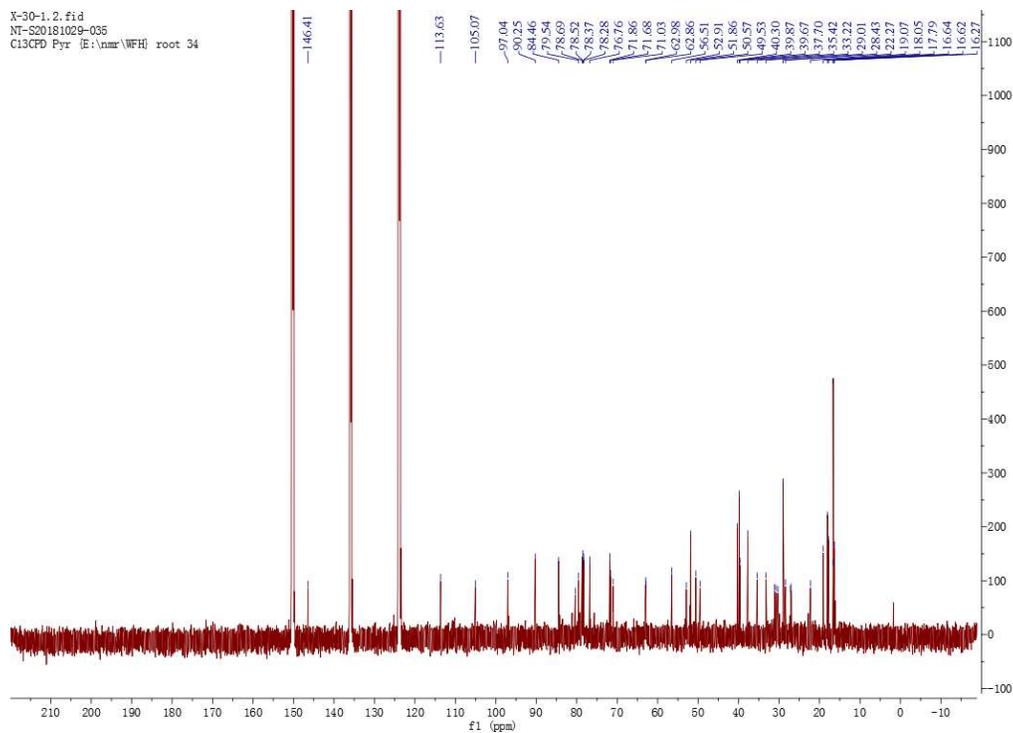


Figure S3. ^{13}C NMR spectrum of compound 1

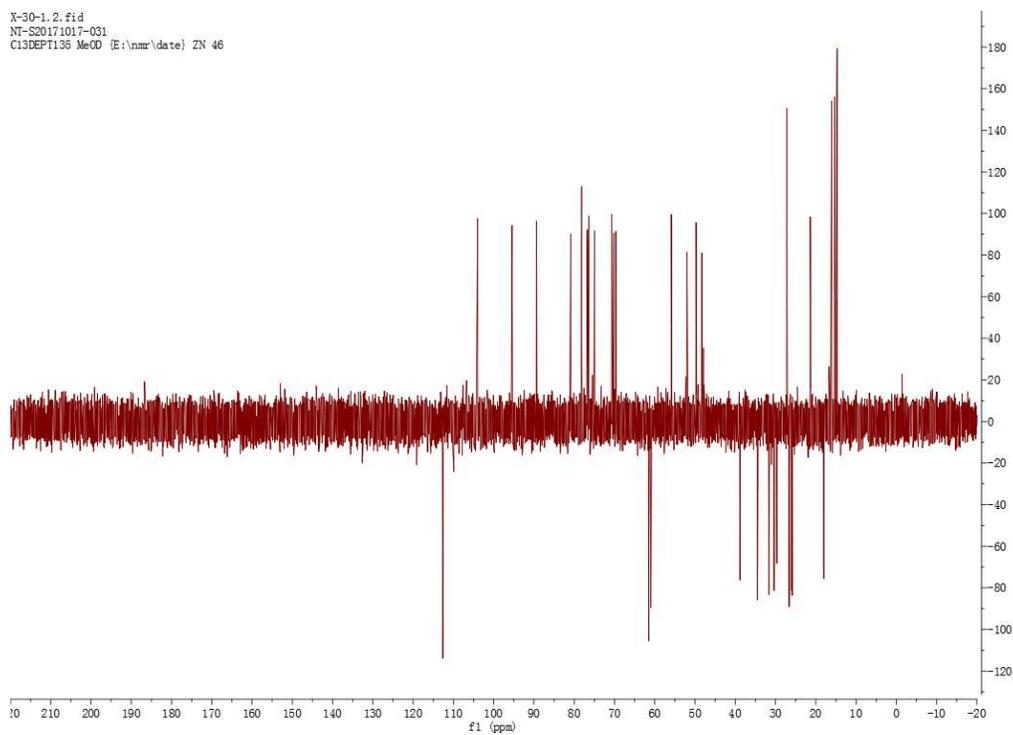


Figure S4. DEPT-135 spectrum of compound 1

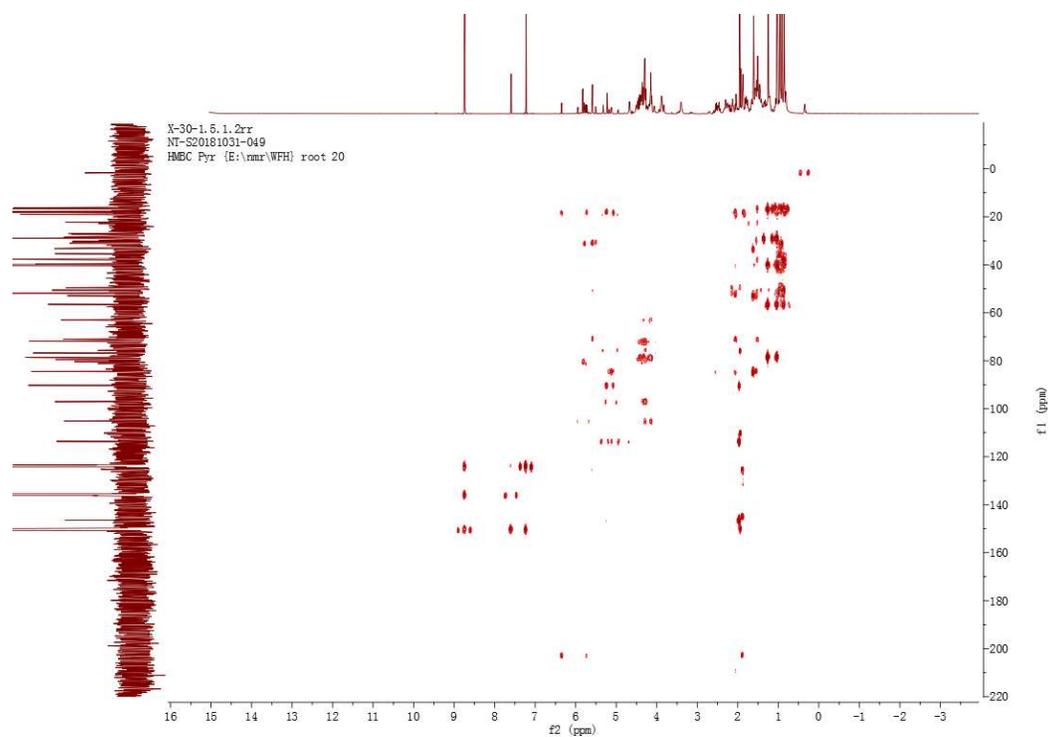


Figure S5. HMBC spectrum of compound 1

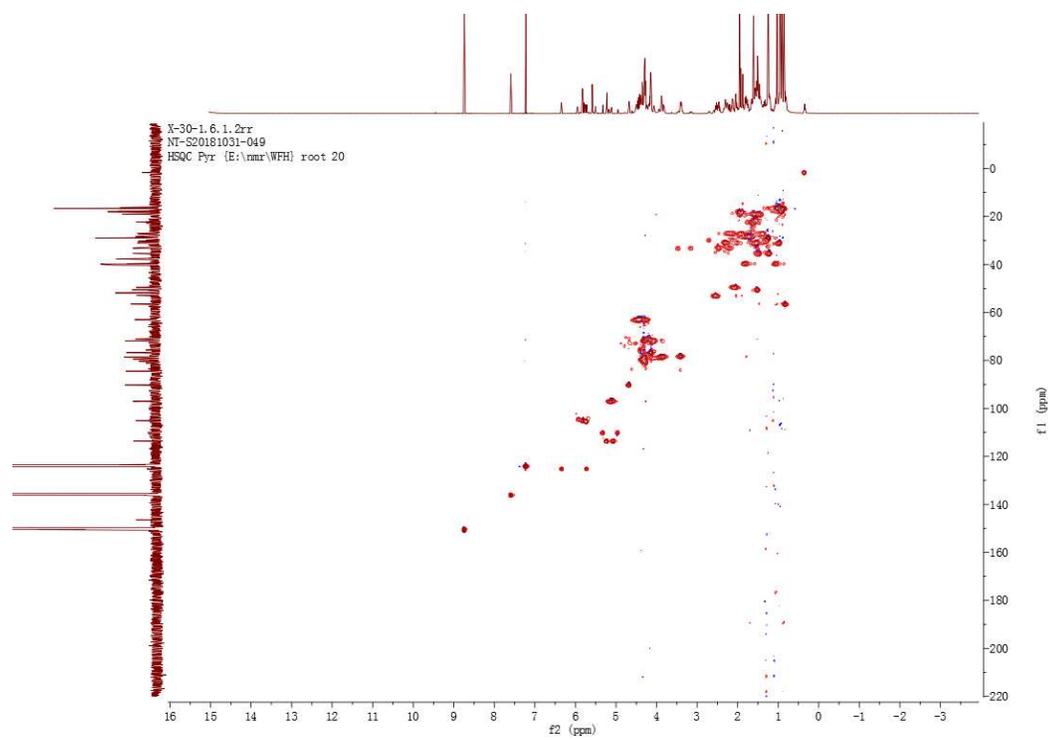


Figure S6. HSQC spectrum of compound 1

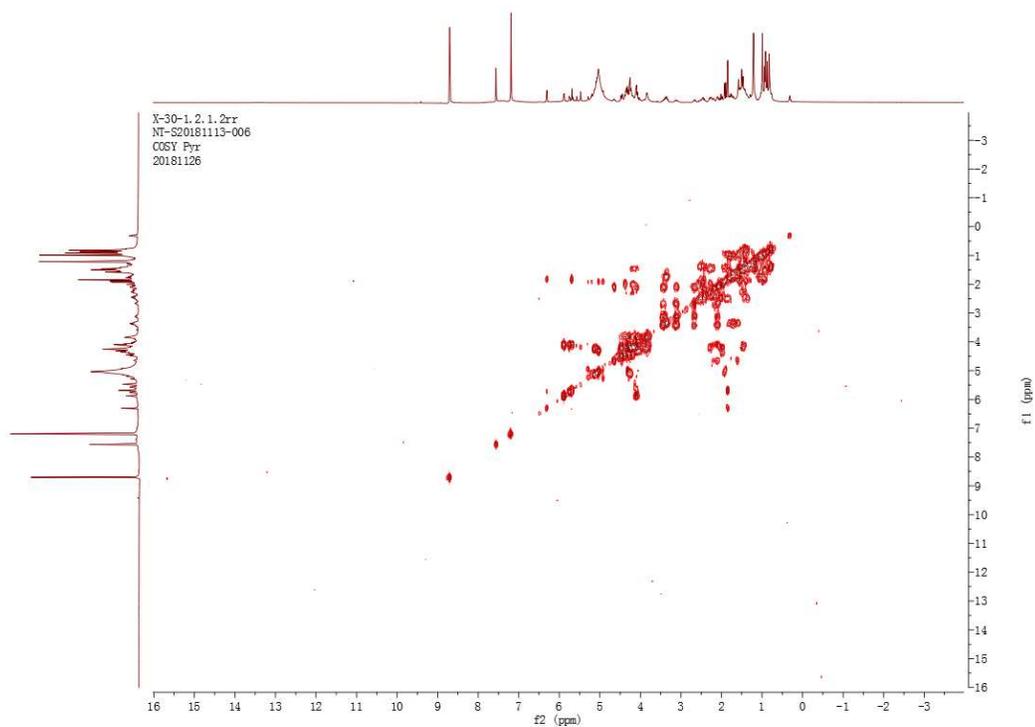


Figure S7. ^1H - ^1H COSY spectrum of compound 1

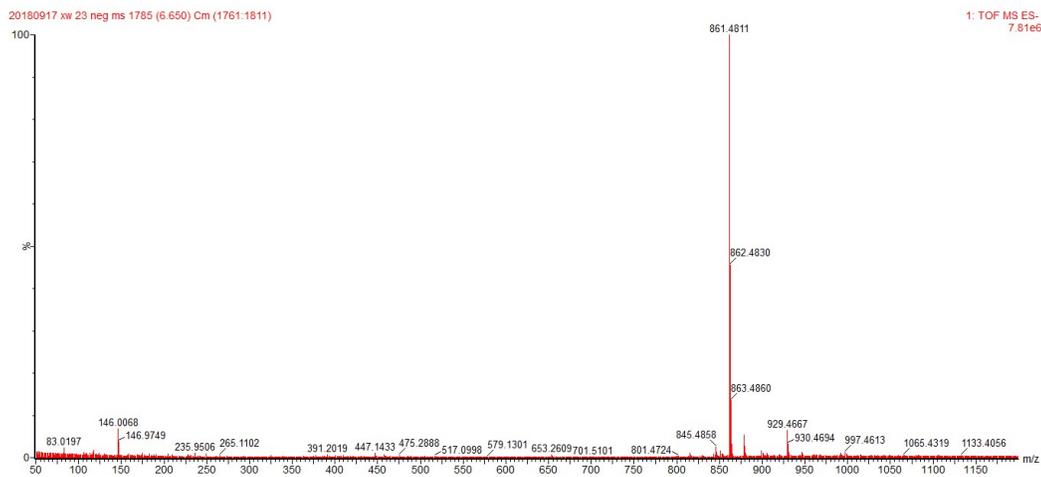


Figure S8. High-resolution electrospray ionization mass spectrum of compound 2

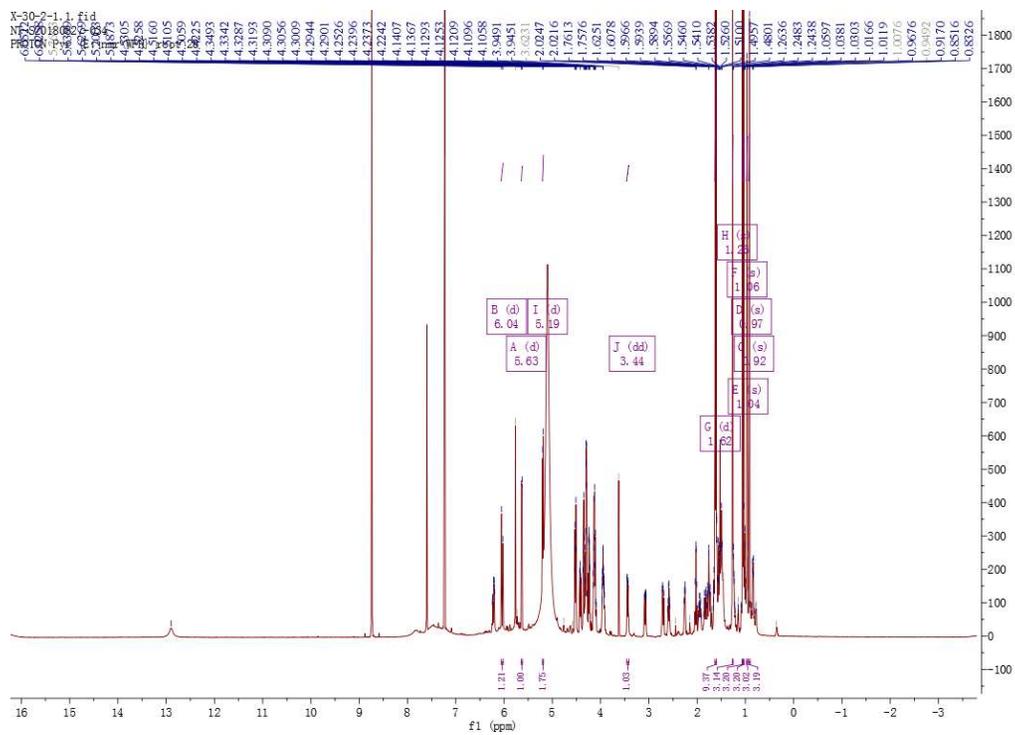


Figure S9. ¹H NMR spectrum of compound 2

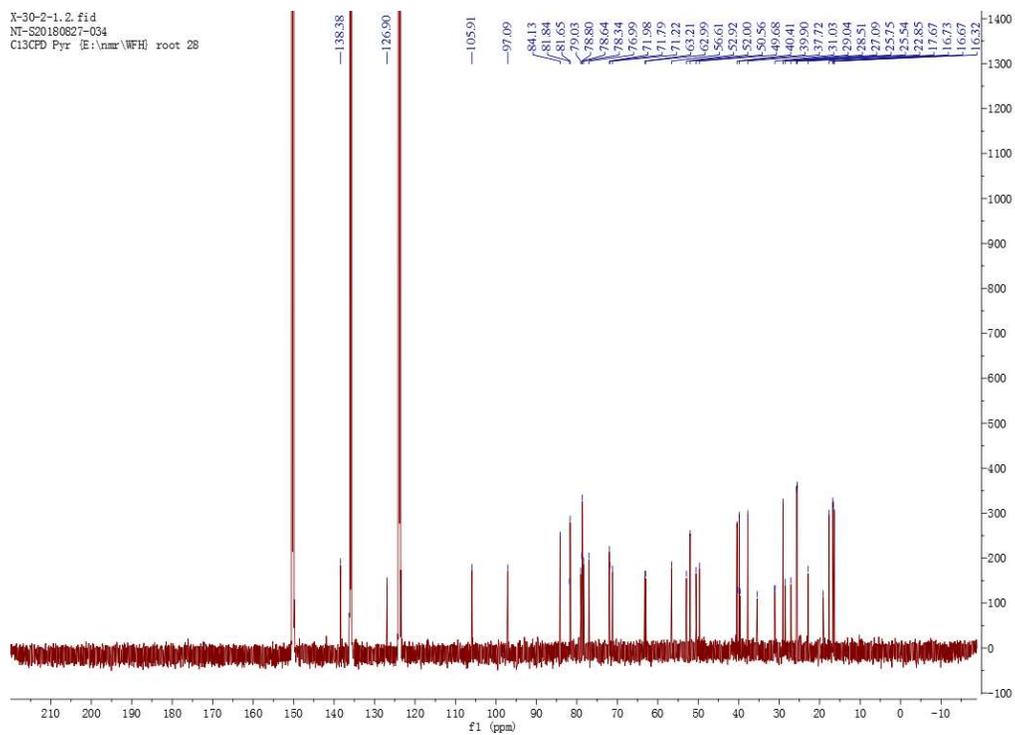


Figure S10. ¹³C NMR spectrum of compound 2

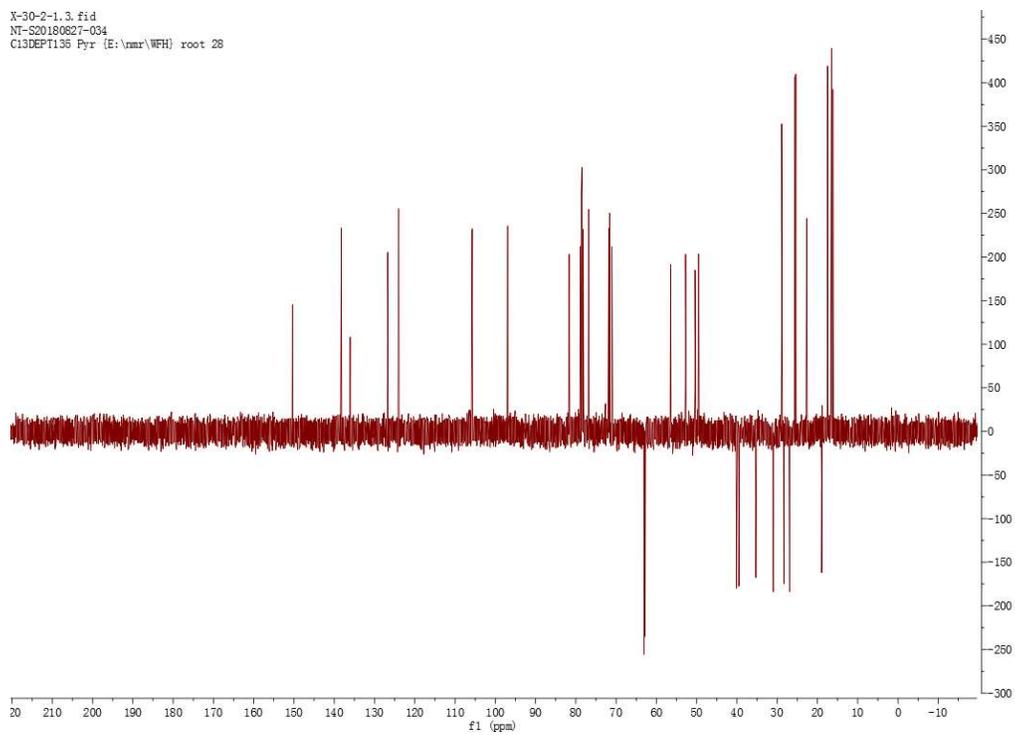


Figure S11. DEPT-135 spectrum of compound 2

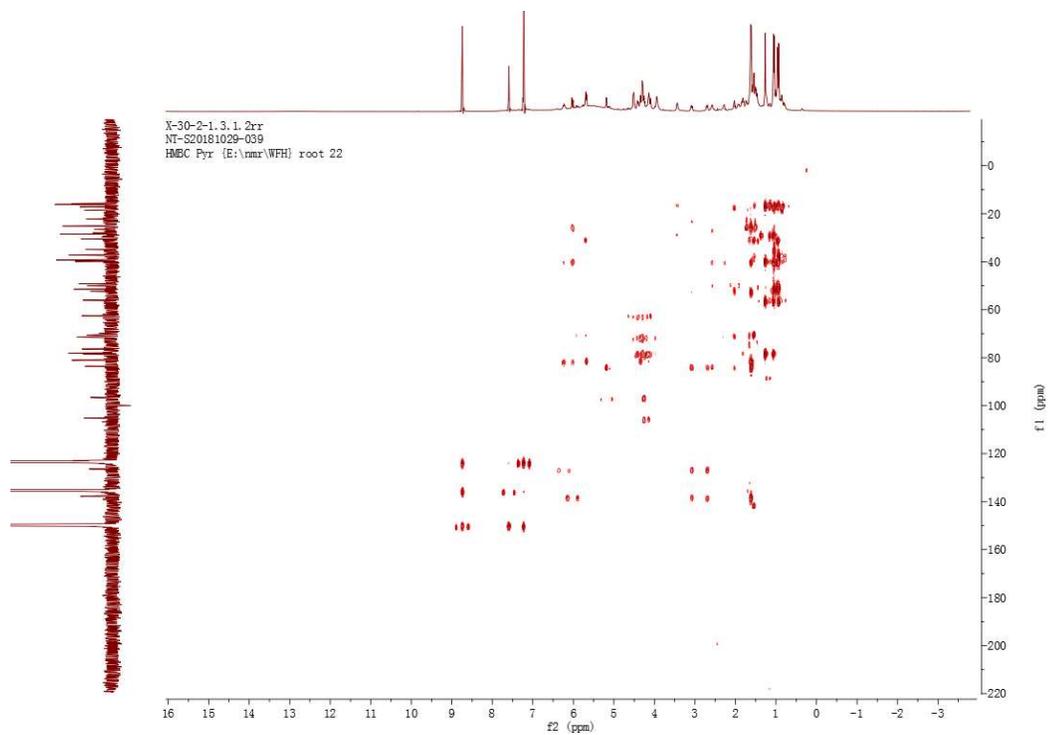


Figure S12. HMBC spectrum of compound 2

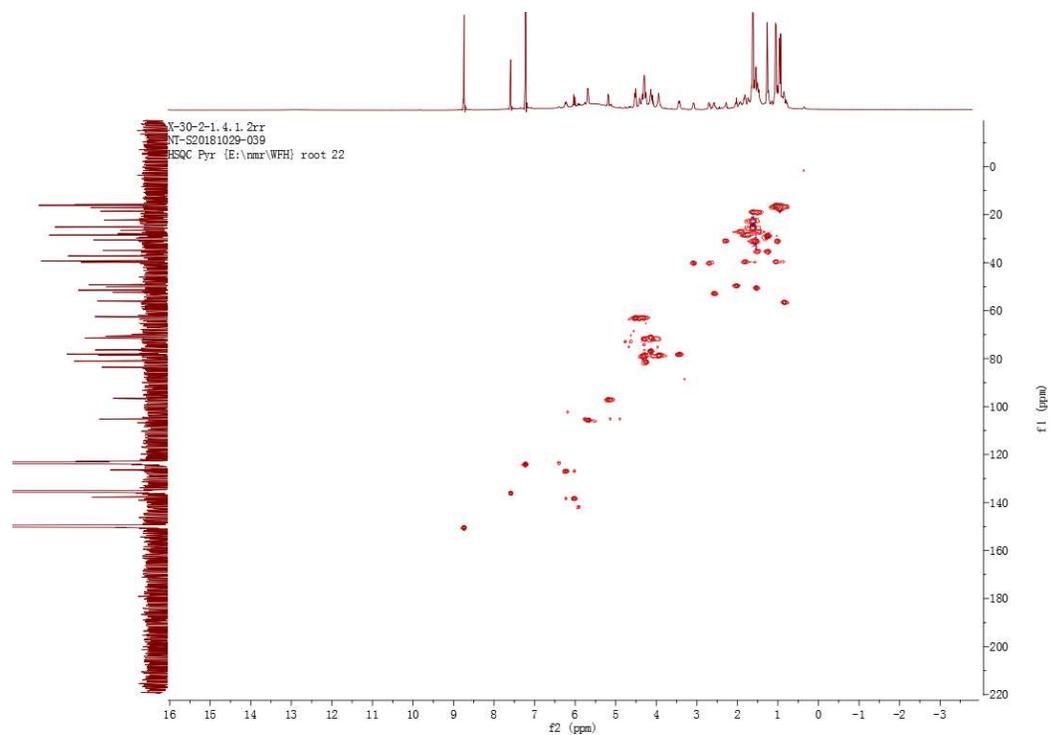


Figure S13. HSQC spectrum of compound 2

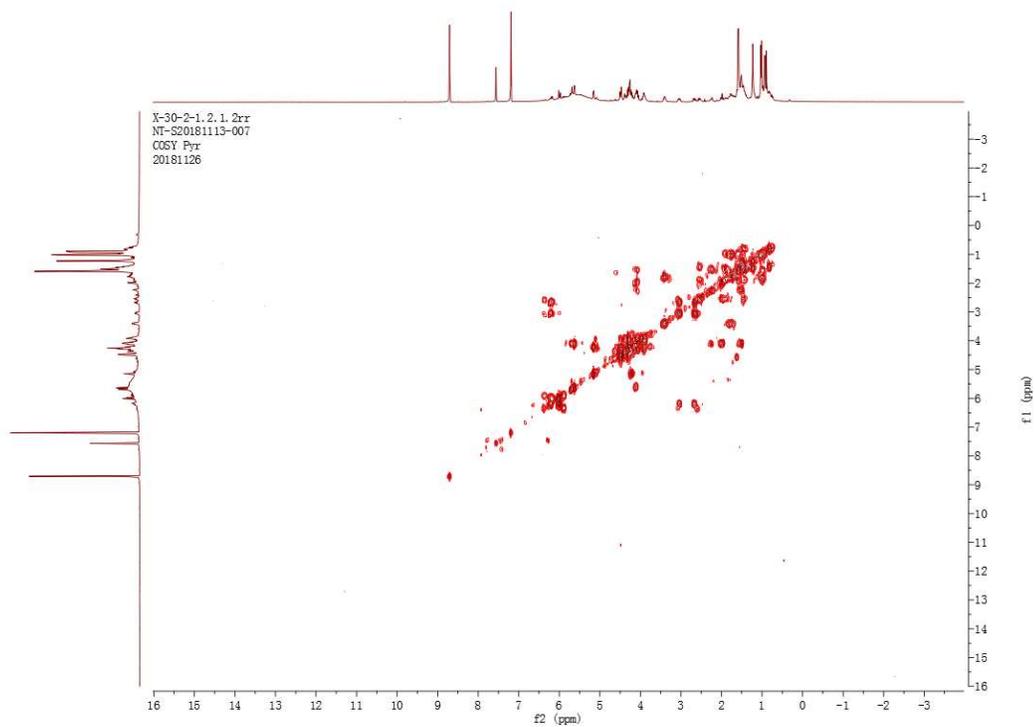


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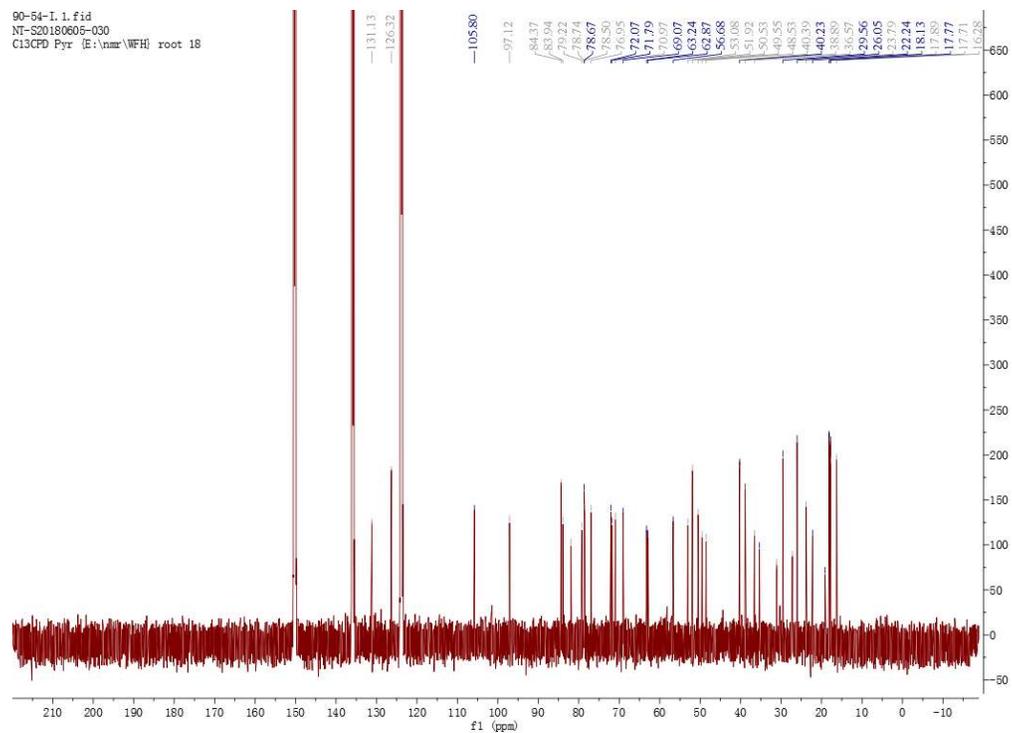


Figure S17. ^{13}C NMR spectrum of compound 3

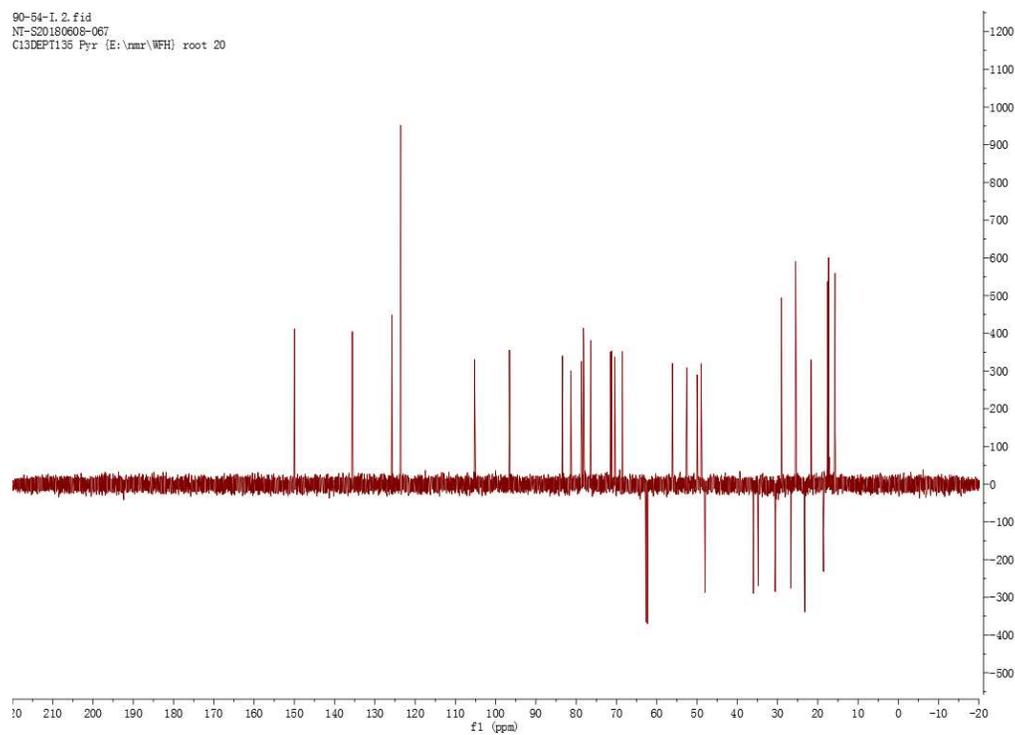


Figure S18. DEPT-135 spectrum of compound 3

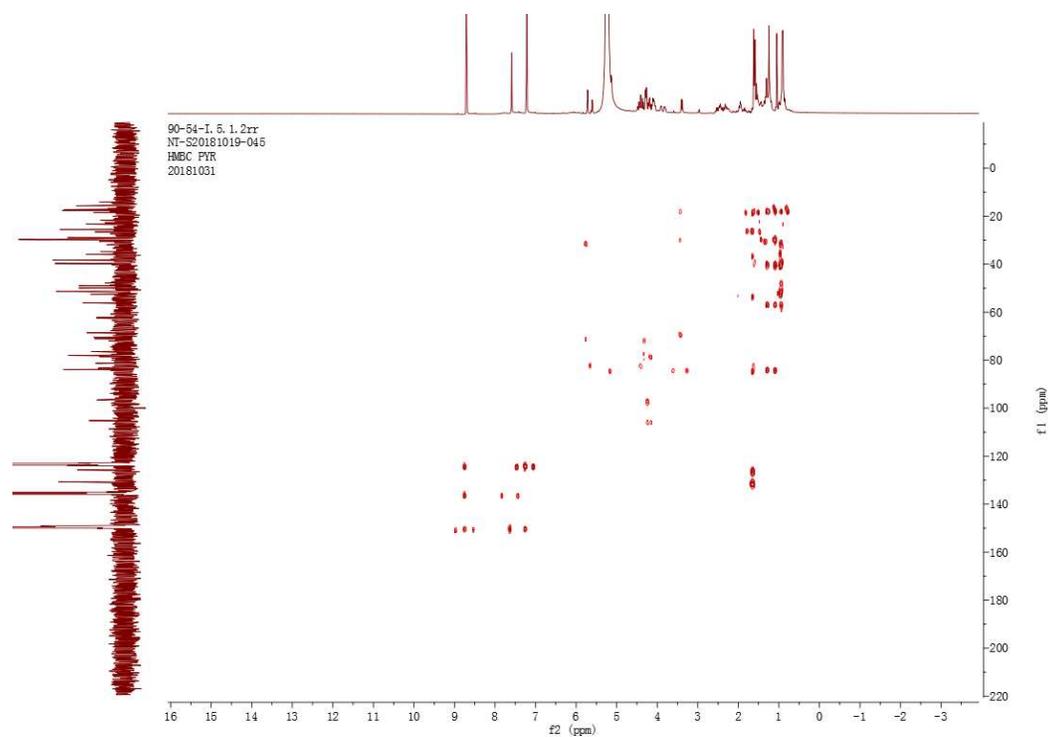


Figure S19. HMBC spectrum of compound 3

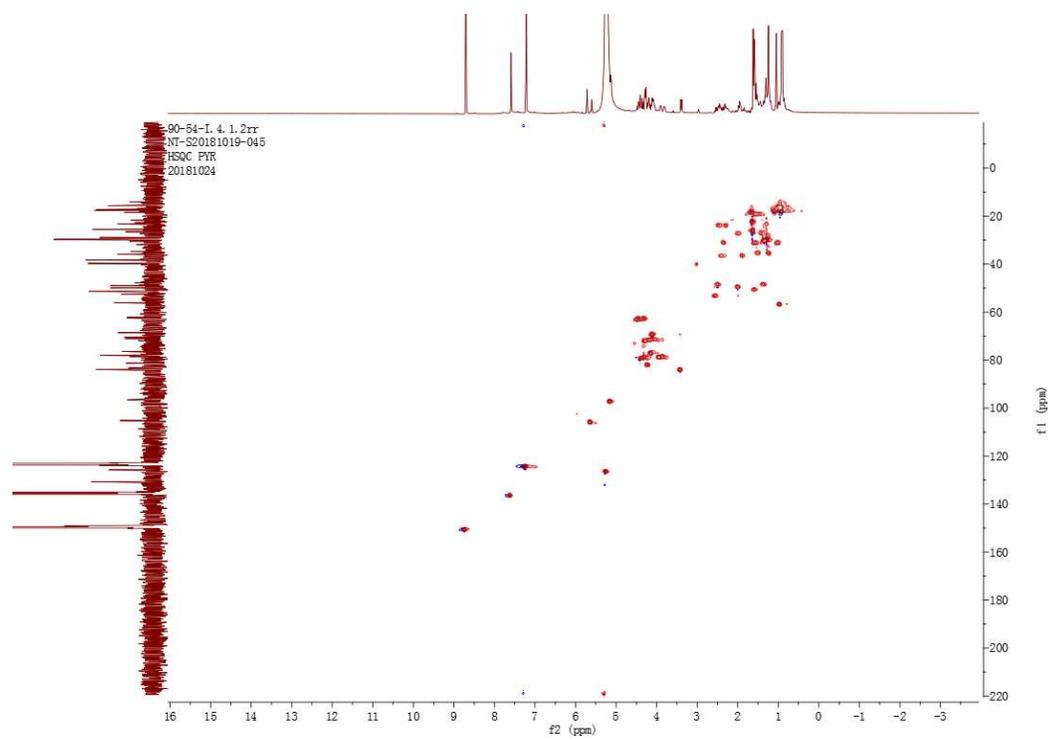


Figure S20. HSQC spectrum of compound 3

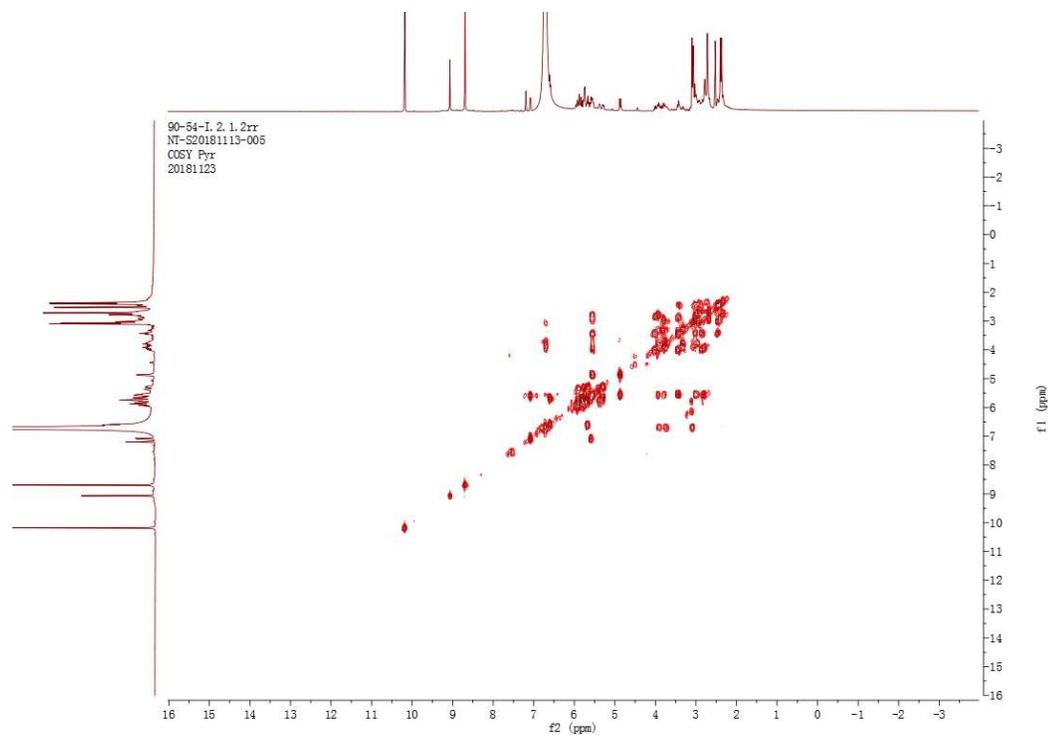


Figure S21. ^1H - ^1H COSY spectrum of compound 3

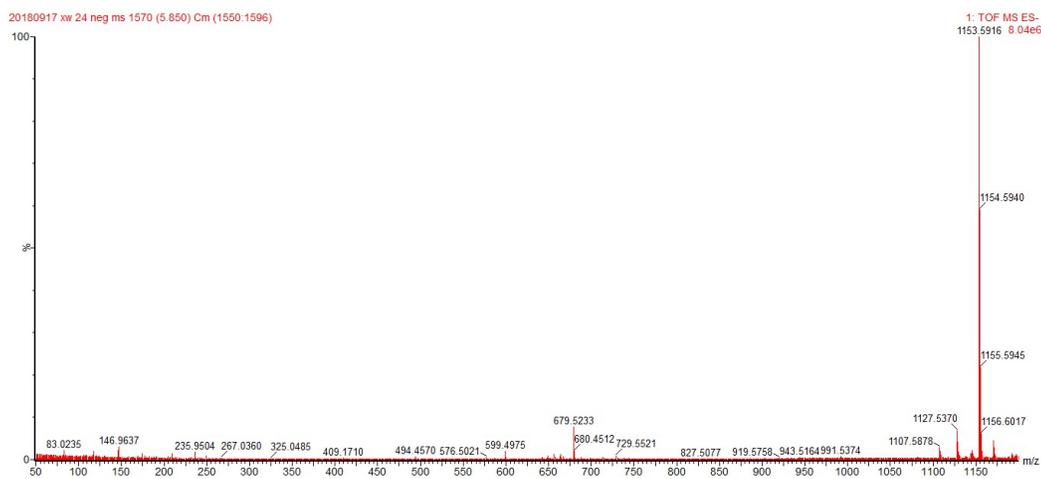


Figure S22. High-resolution electrospray ionization mass spectrum of compound 4

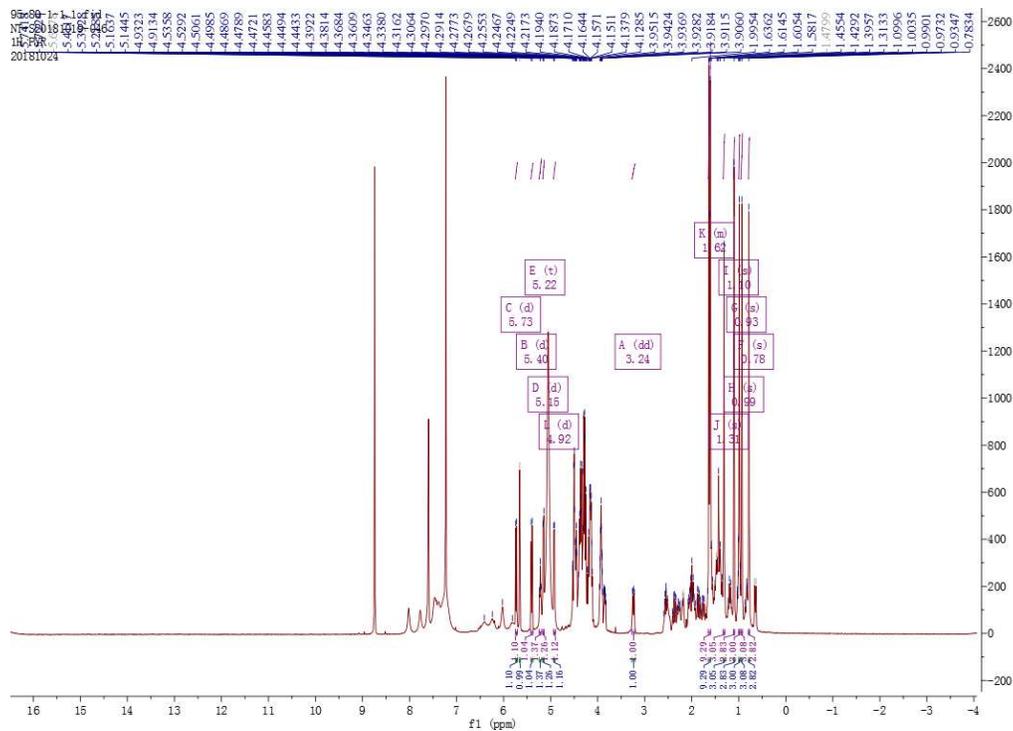


Figure S23. ¹H NMR spectrum of compound 4

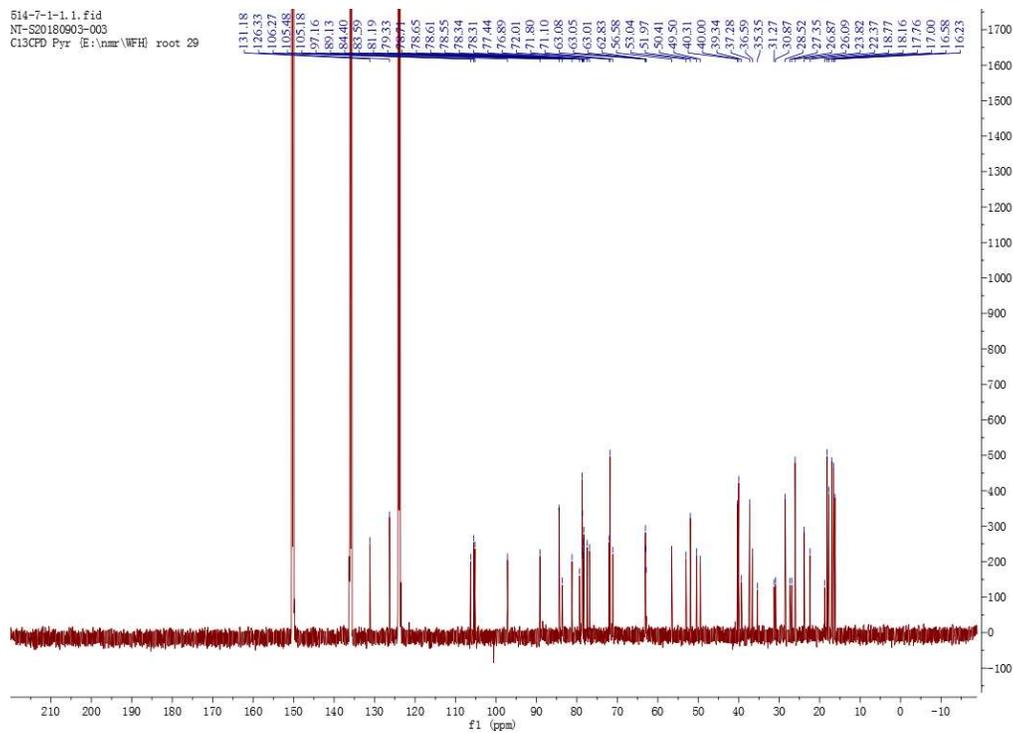


Figure S24. ¹³C NMR spectrum of compound 4

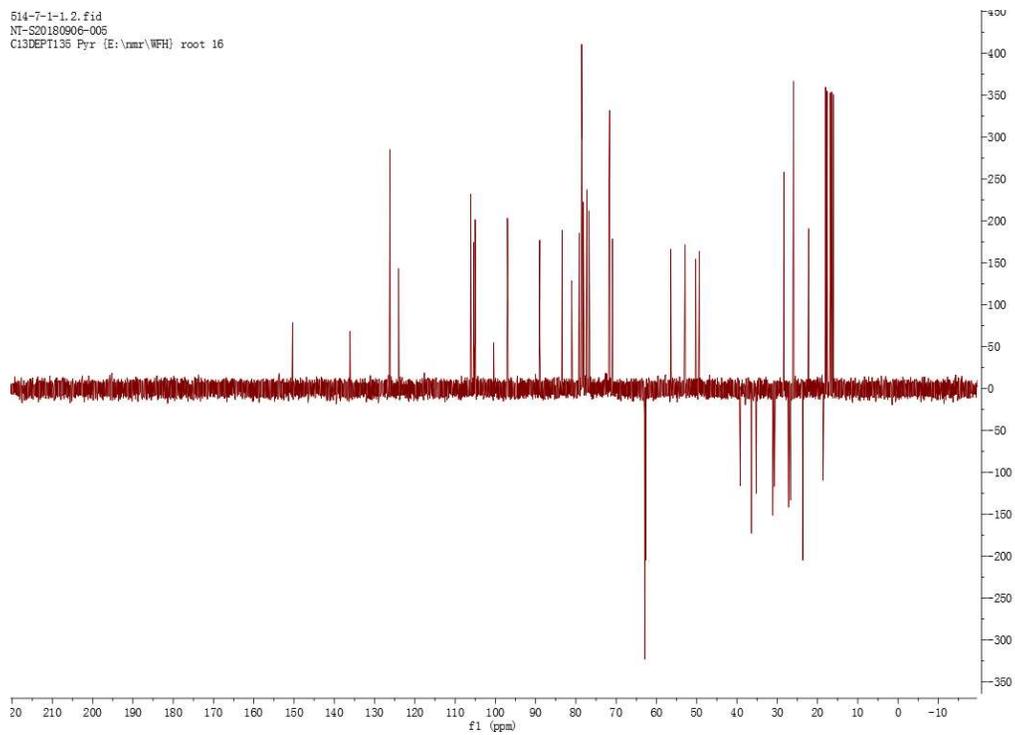


Figure S25. DEPT-135 spectrum of compound 4

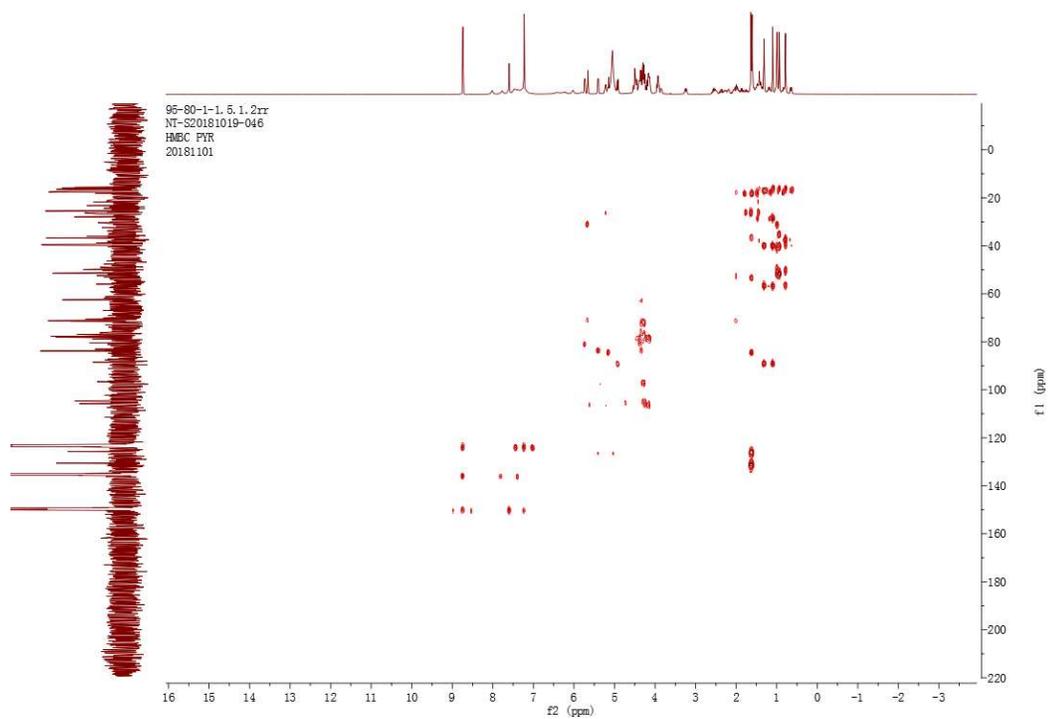


Figure S26. HMBC spectrum of compound 4

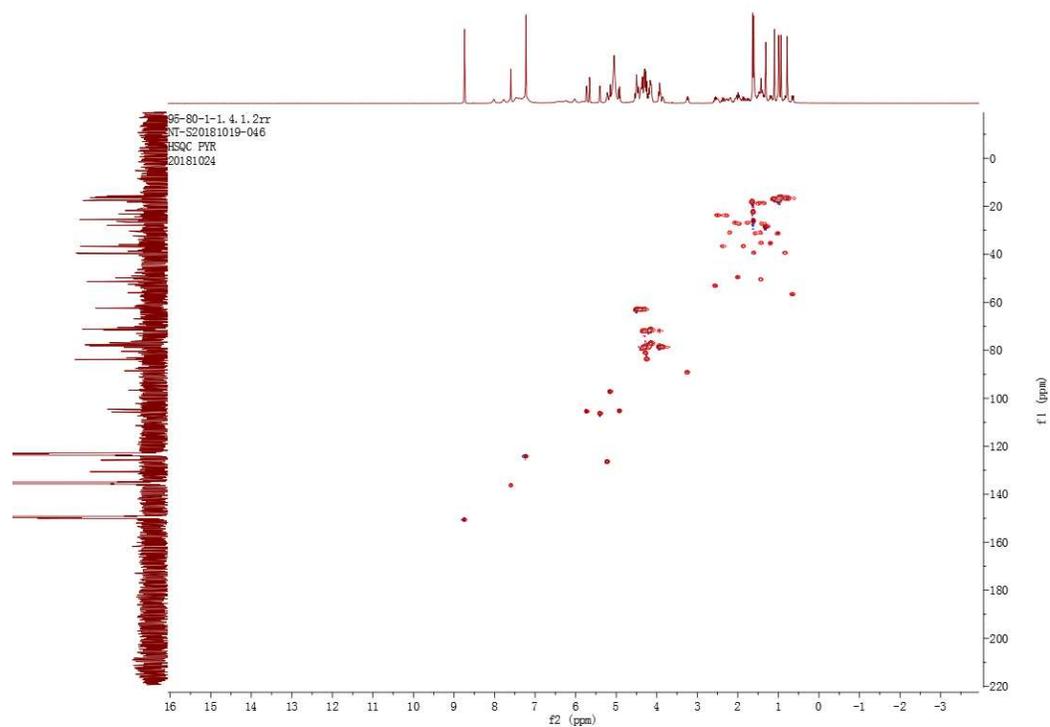


Figure S27. HSQC spectrum of compound 4

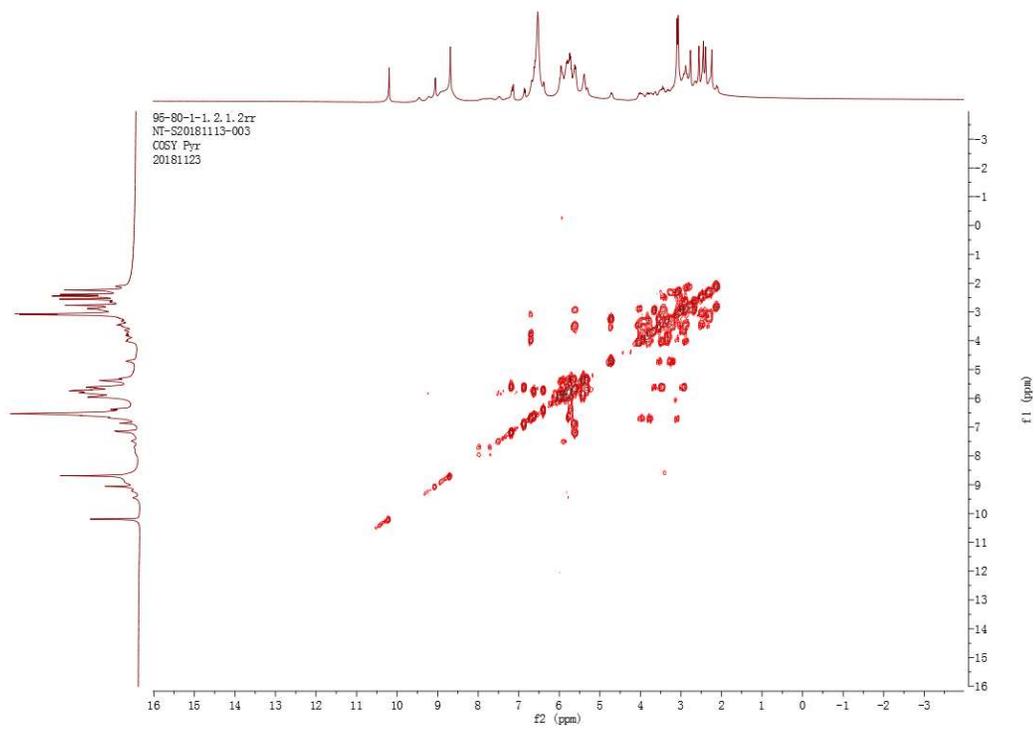


Figure S28. ^1H - ^1H COSY spectrum of compound 4

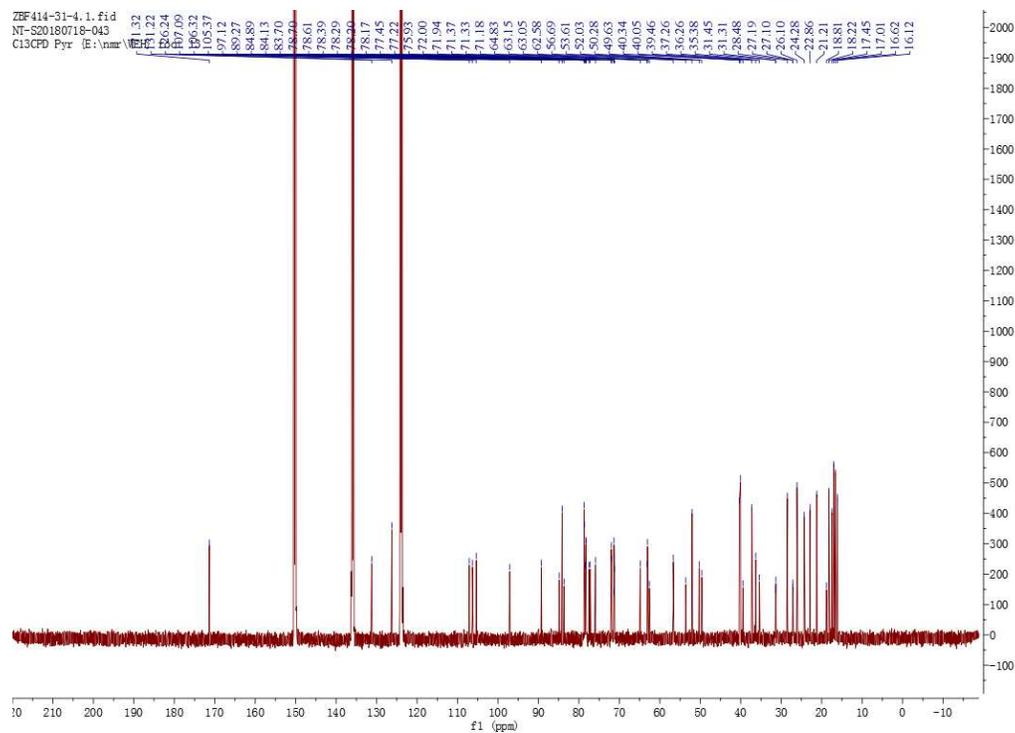


Figure S31. ^{13}C NMR spectrum of compound 5

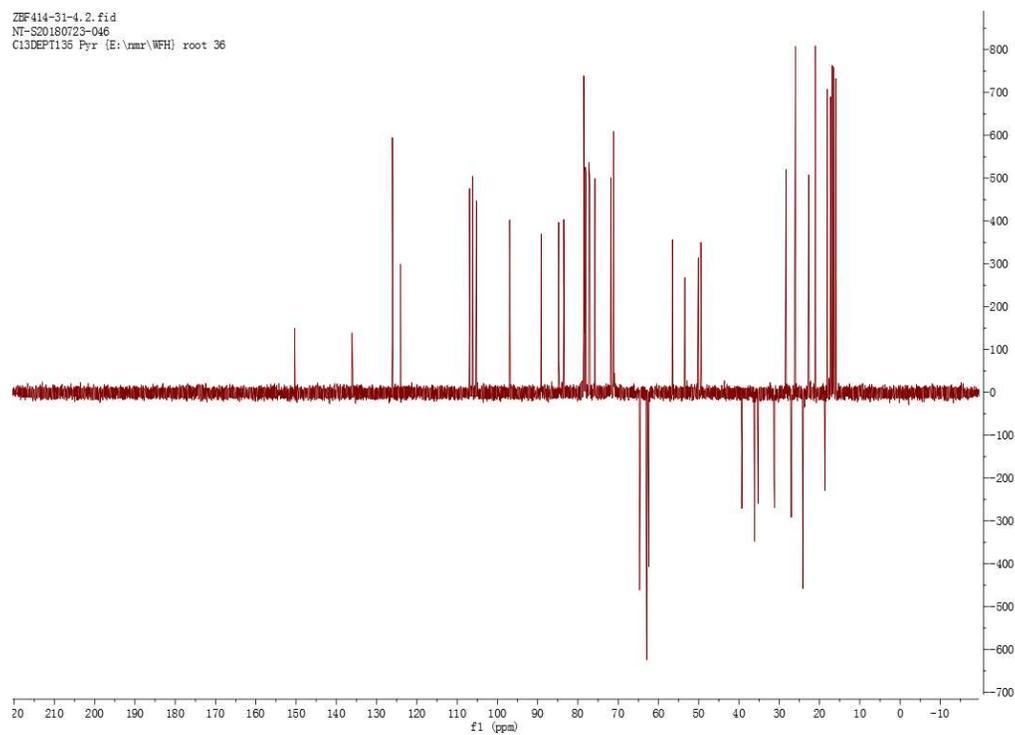


Figure S32 DEPT-135 spectrum of compound 5

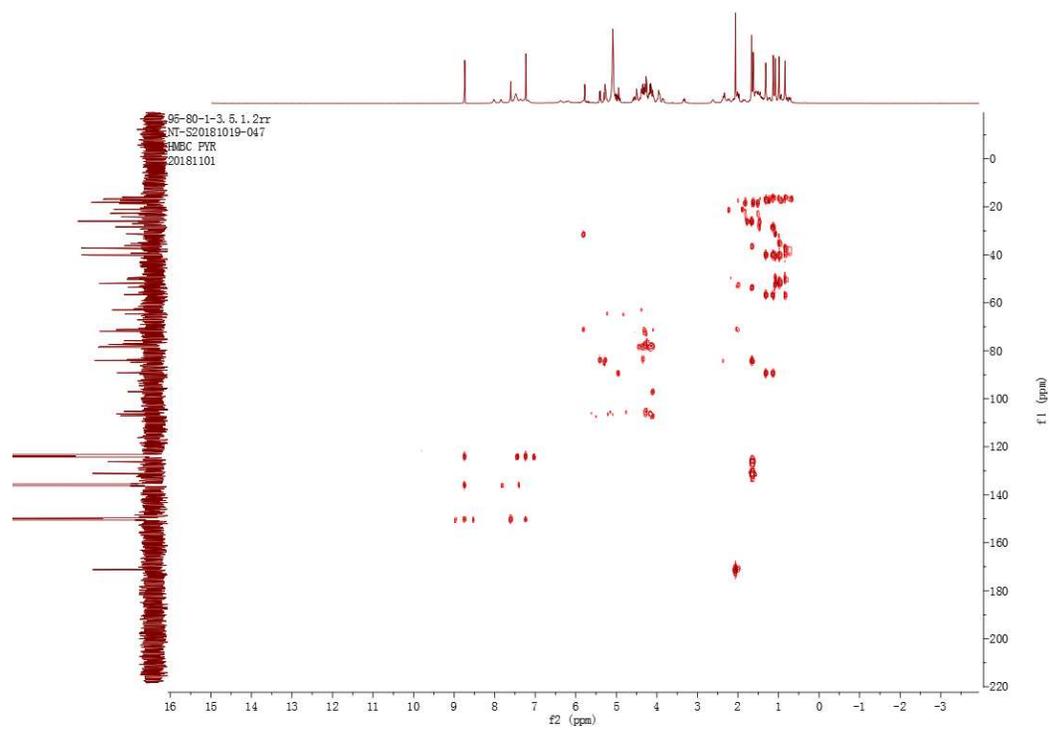


Figure S33. HMBC spectrum of compound 5

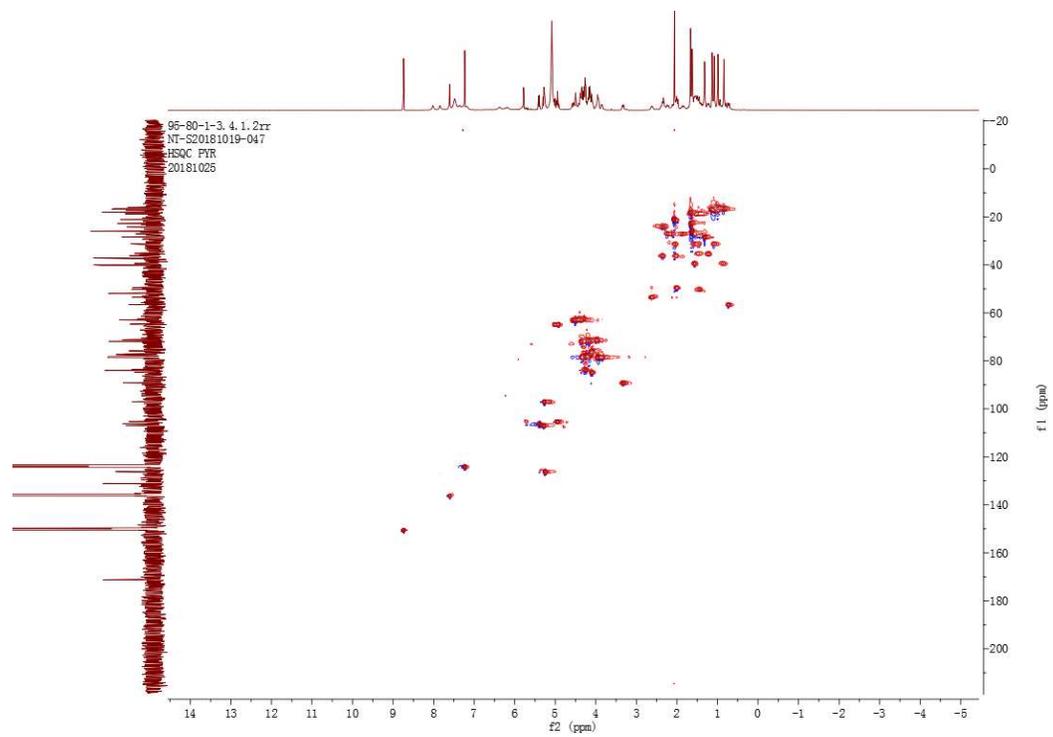


Figure S34. HSQC spectrum of compound 5

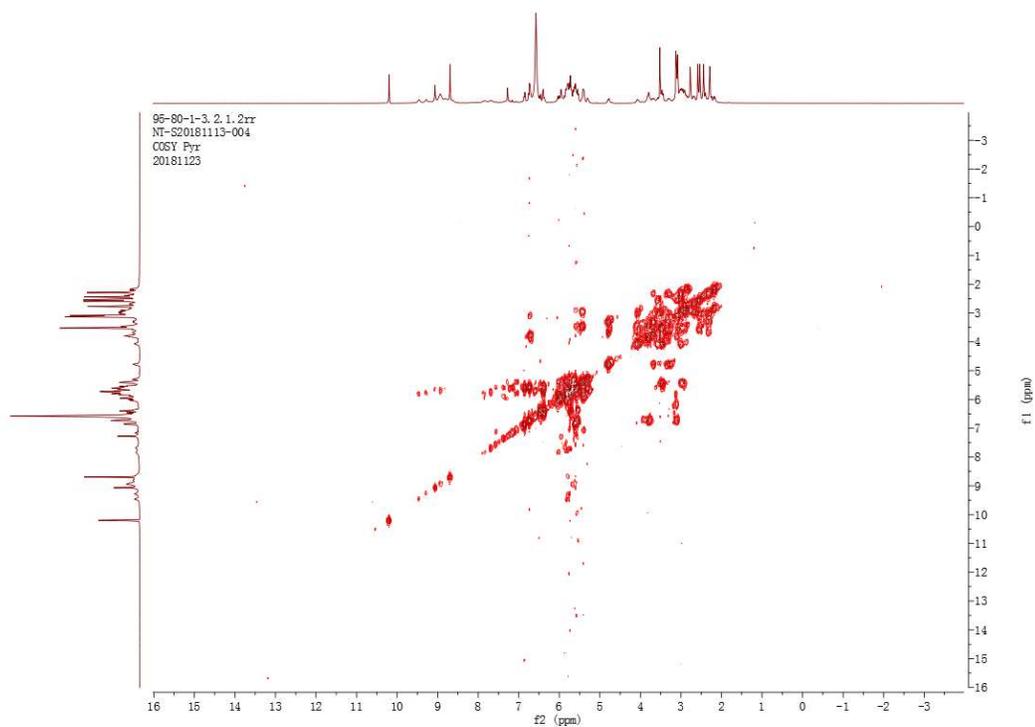


Figure S35. ^1H - ^1H COSY spectrum of compound 5

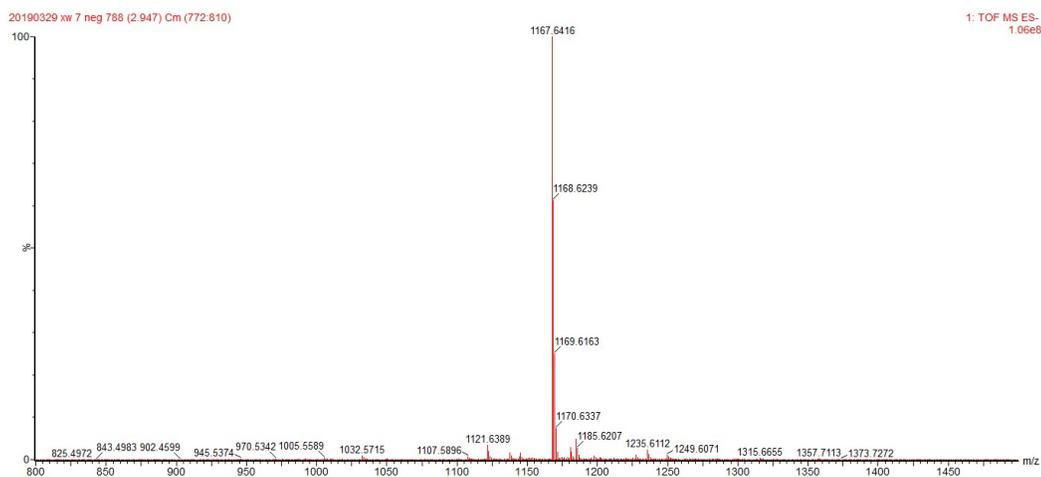


Figure S36. High-resolution electrospray ionization mass spectrum of compound 6

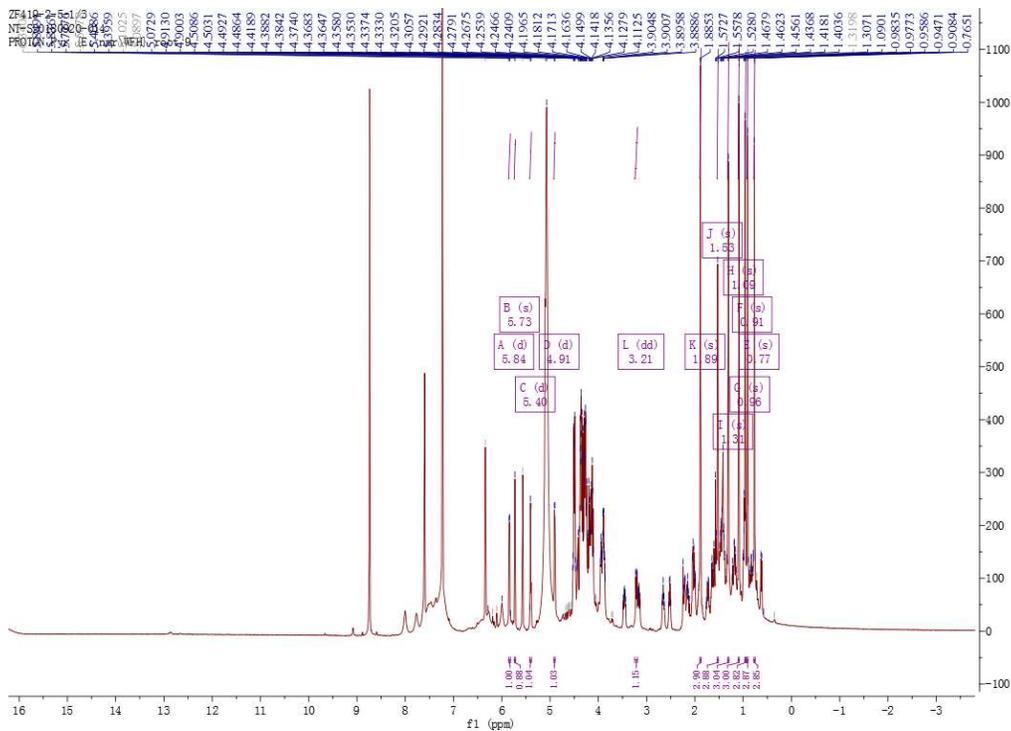


Figure S37. ^1H NMR spectrum of compound 6

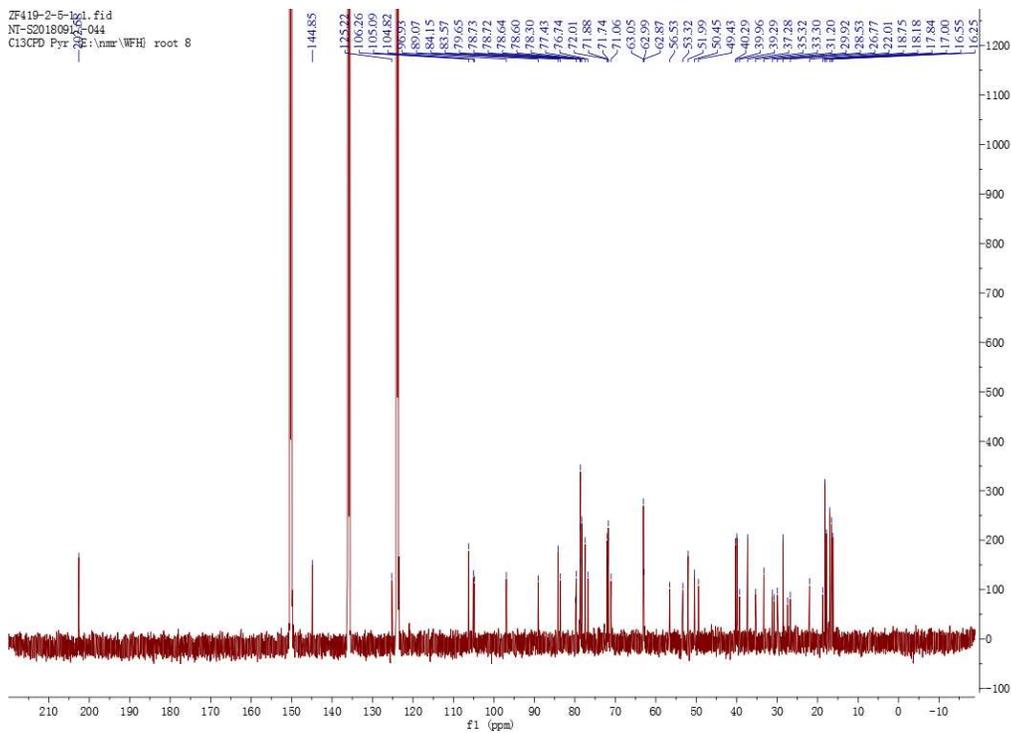


Figure S38. ^{13}C NMR spectrum of compound 6

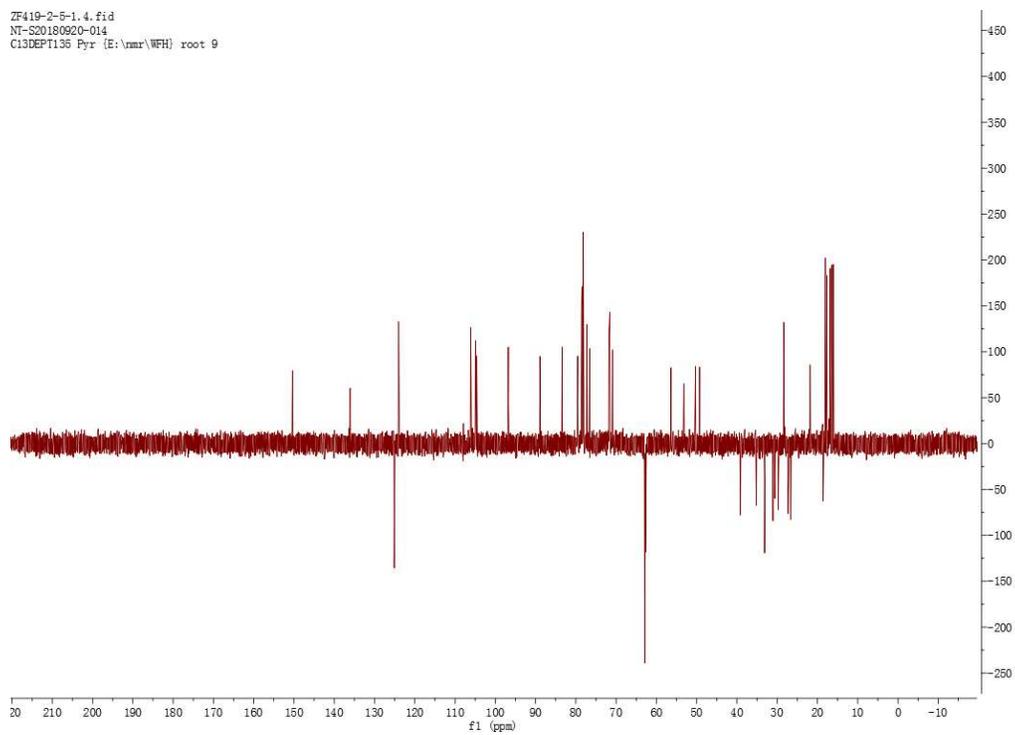


Figure S39. DEPT-135 spectrum of compound 6

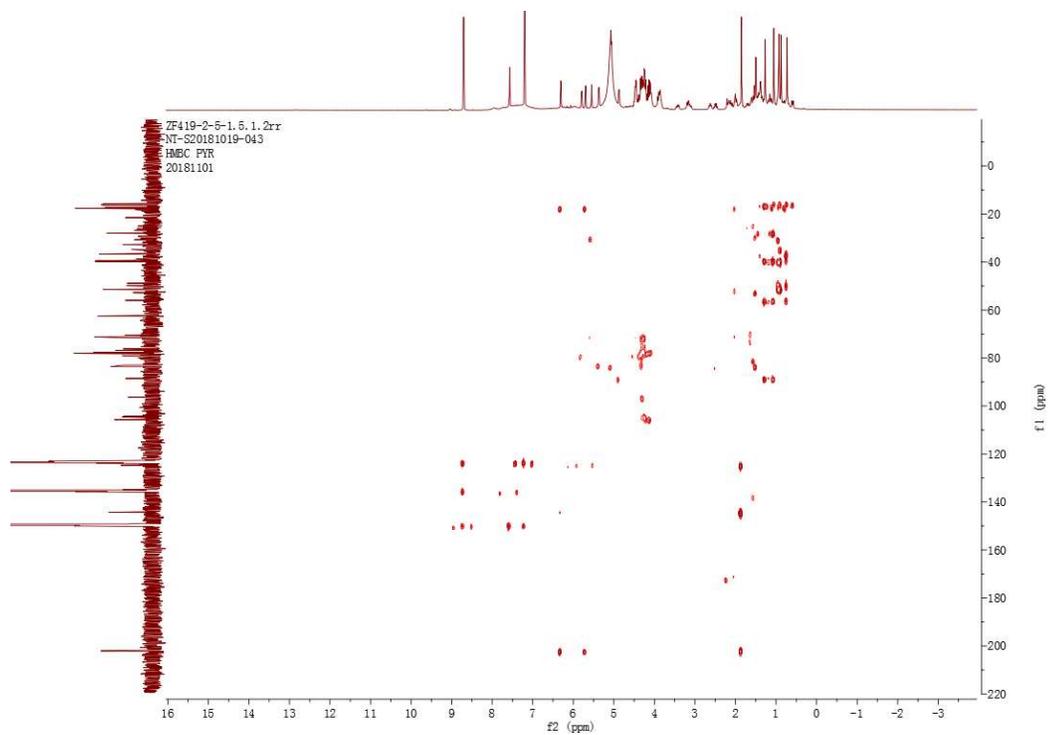


Figure S40. HMBC spectrum of compound 6

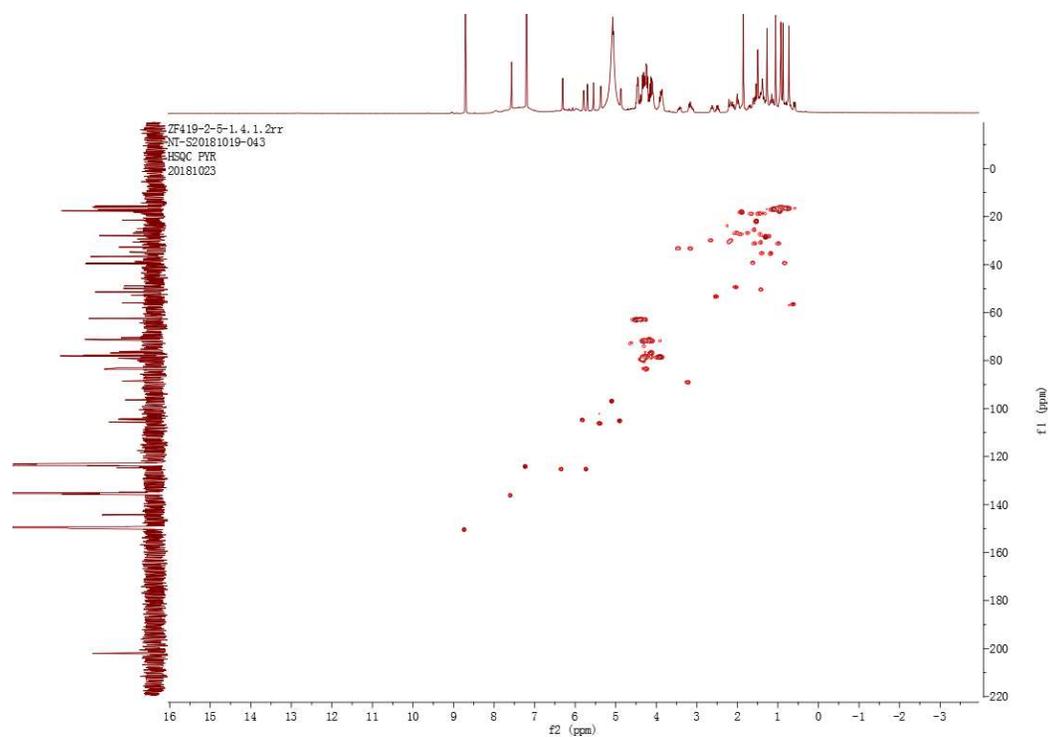


Figure S41. HSQC spectrum of compound 6

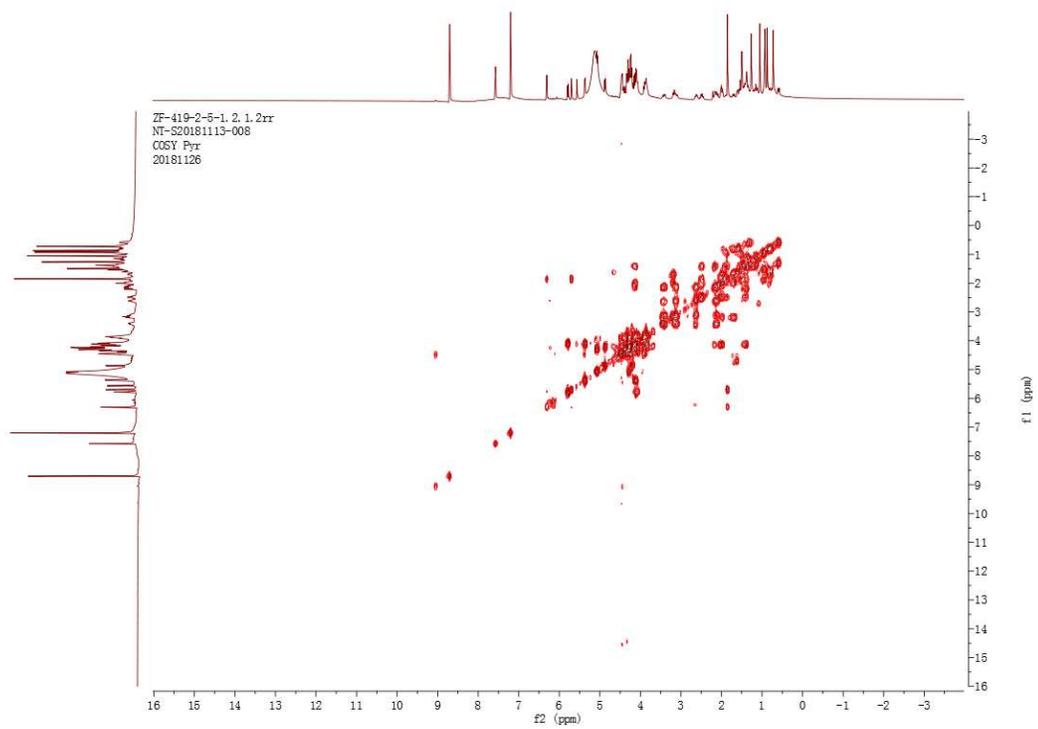


Figure S42. ^1H - ^1H COSY spectrum of compound 6

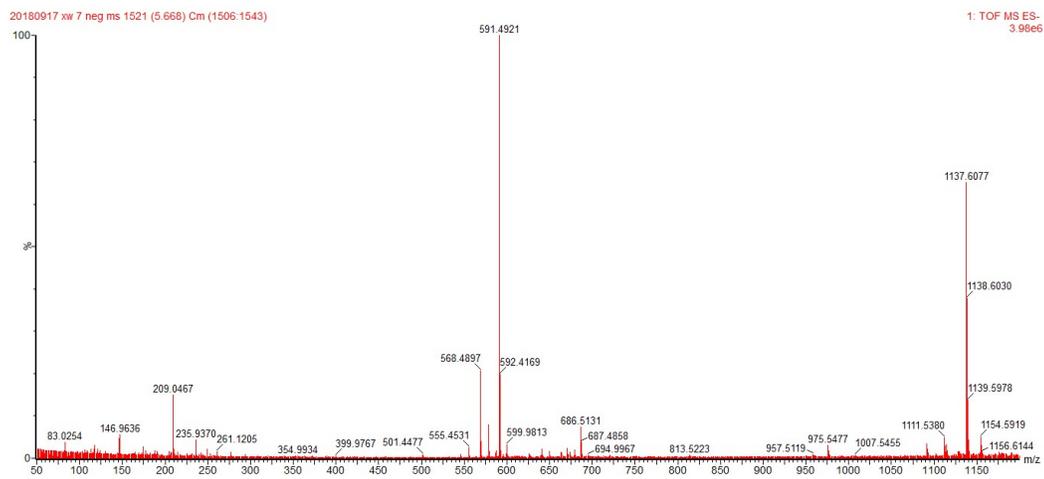
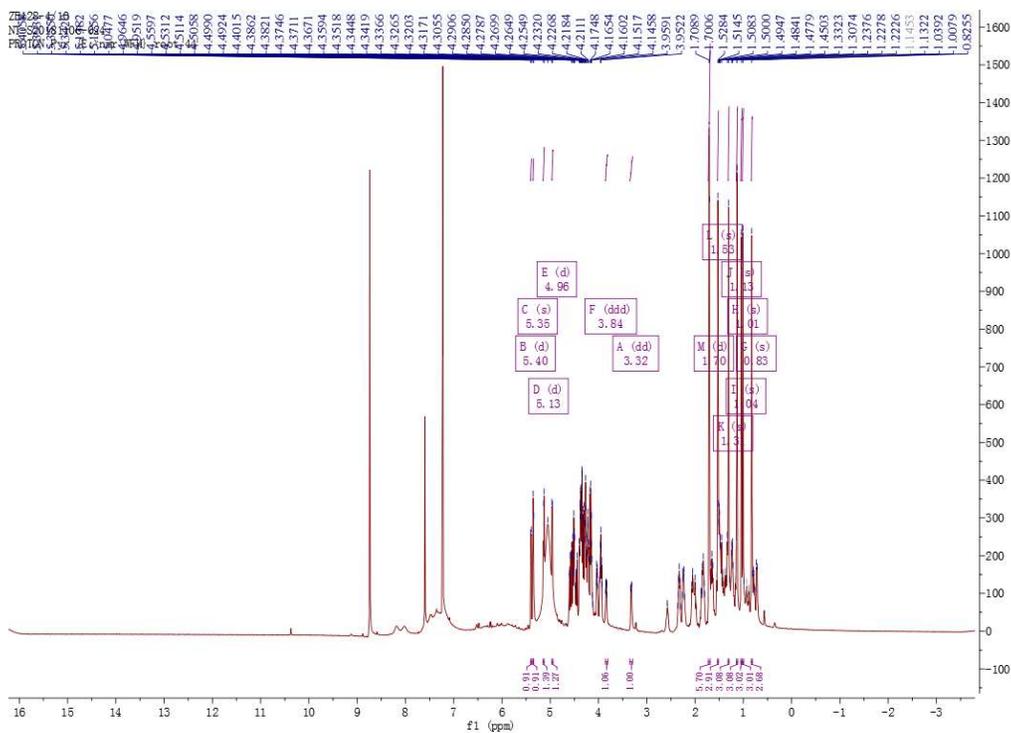


Figure S43. High-resolution electrospray ionization mass spectrum of compound 7



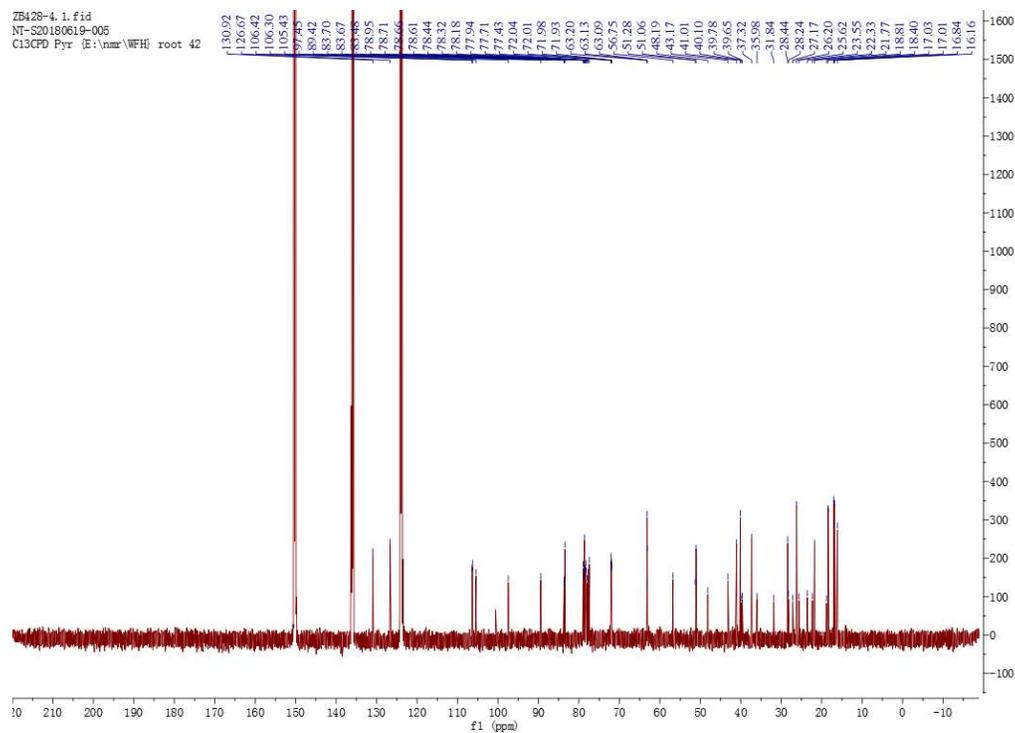


Figure S45. ^{13}C NMR spectrum of compound 7

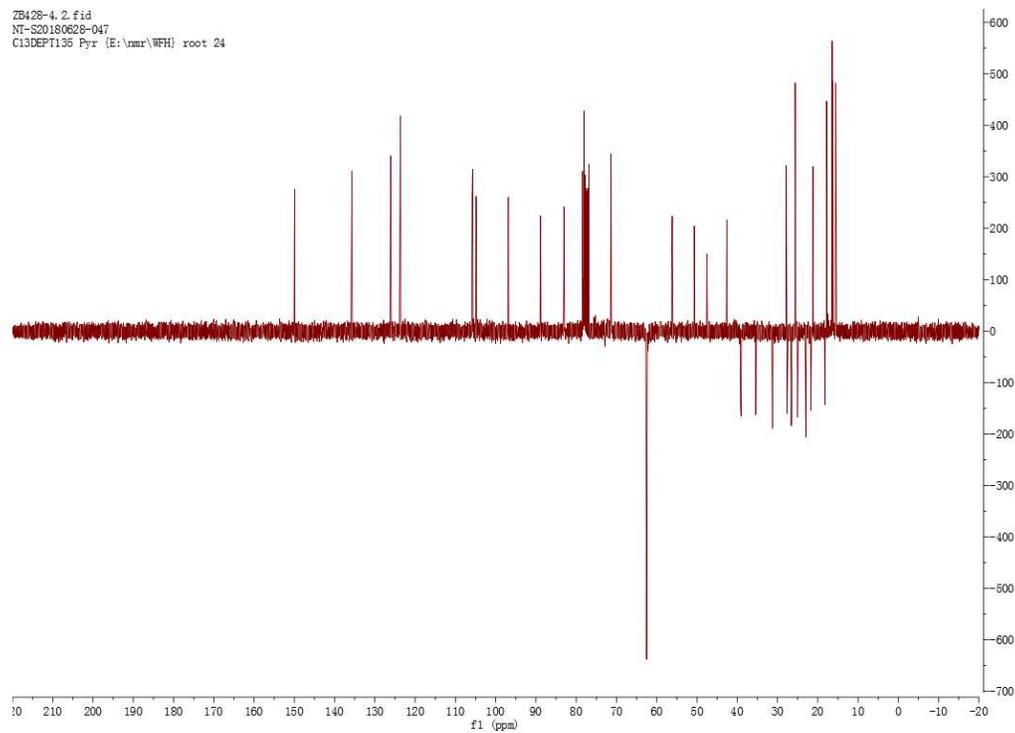


Figure S46. DEPT-135 spectrum of compound 7

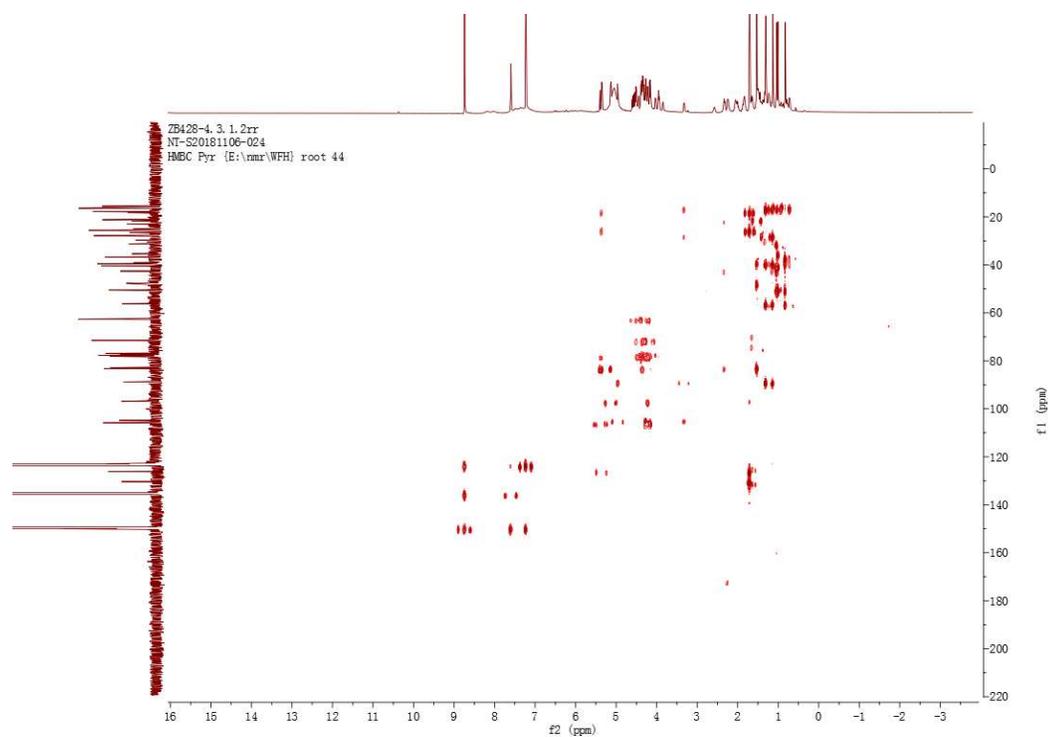


Figure S47. HMBC spectrum of compound 7

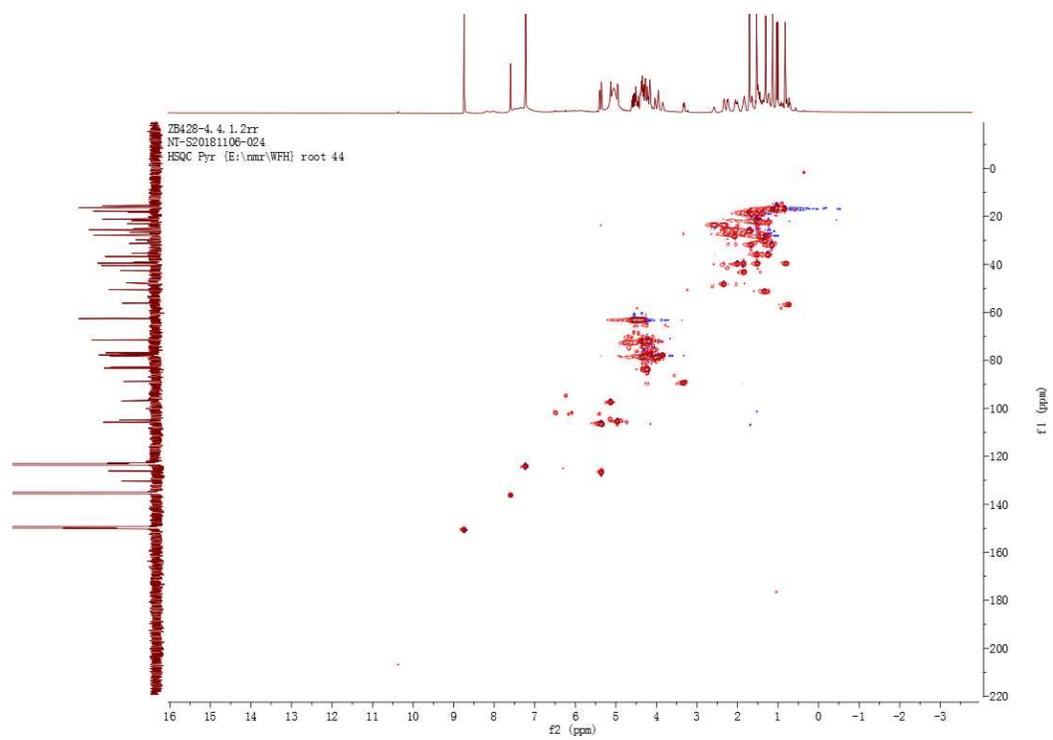


Figure S48. HSQC spectrum of compound 7

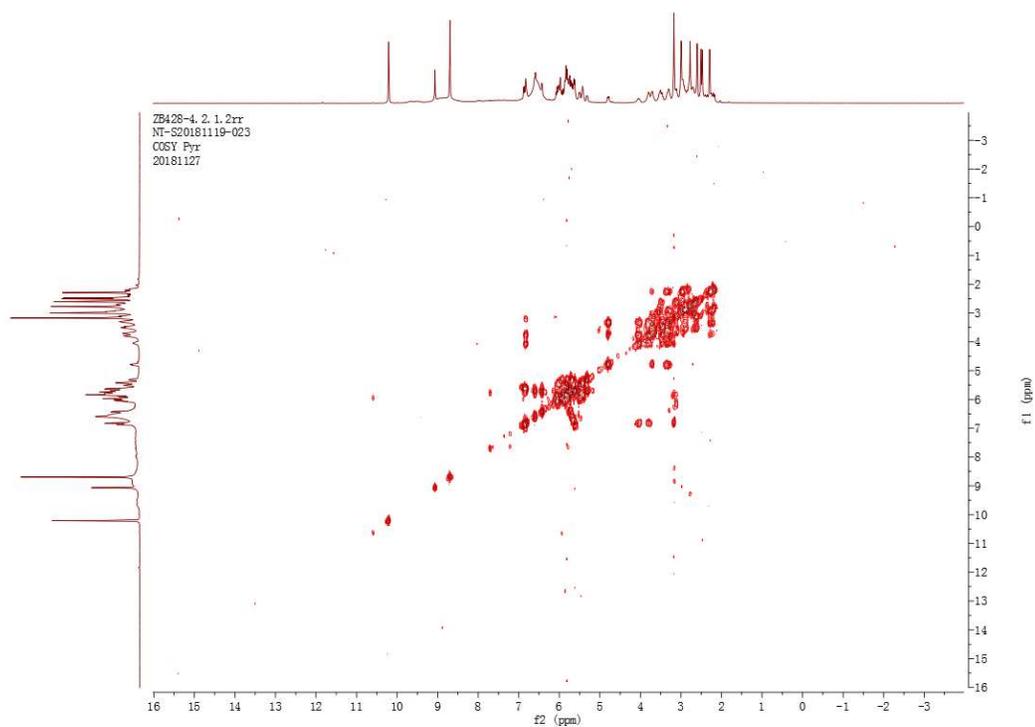


Figure S49. ^1H - ^1H COSY spectrum of compound 7

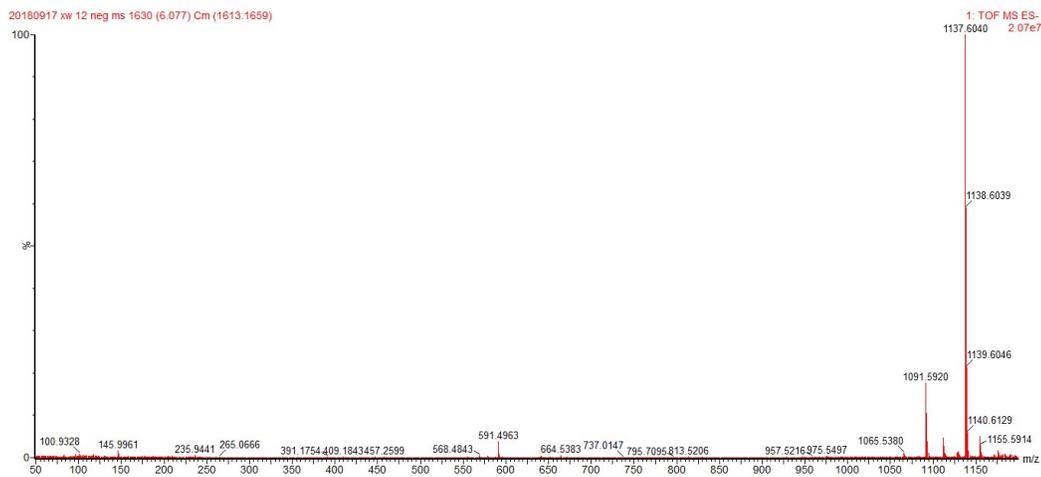


Figure S50. High-resolution electrospray ionization mass spectrum of compound 8

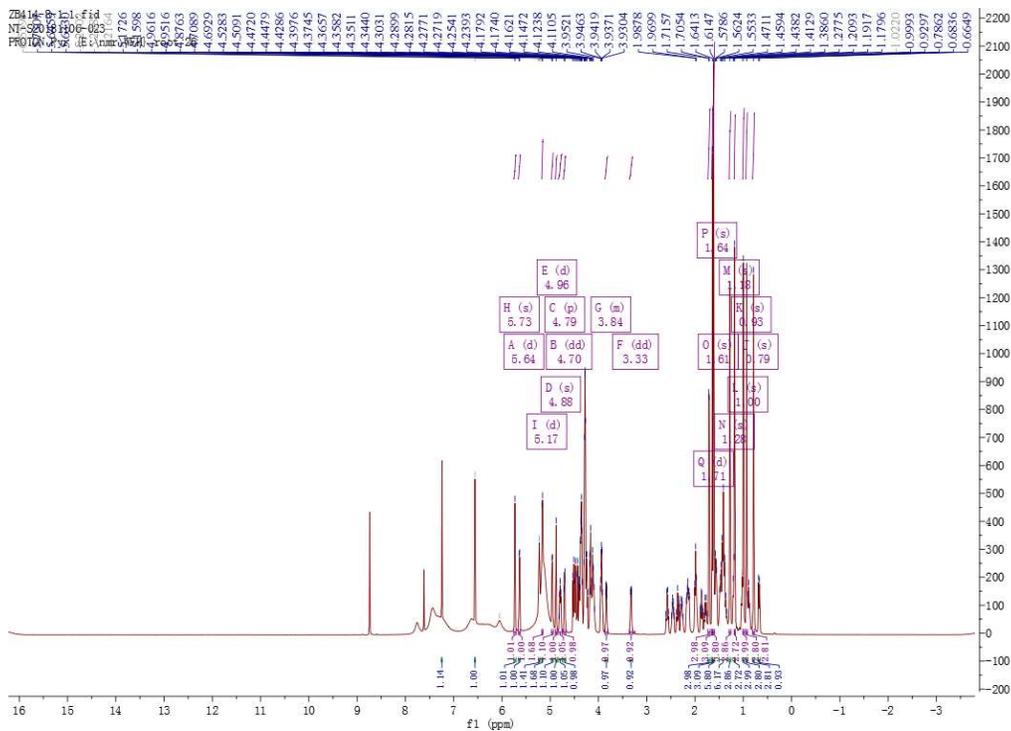


Figure S51. ¹H NMR spectrum of compound 8

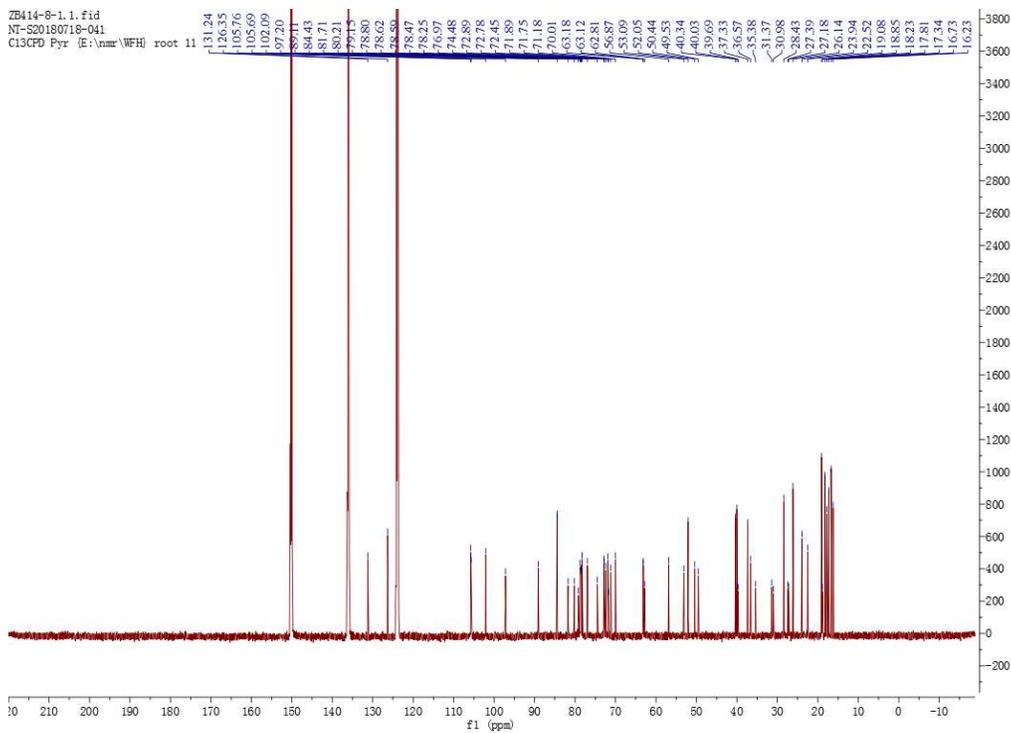
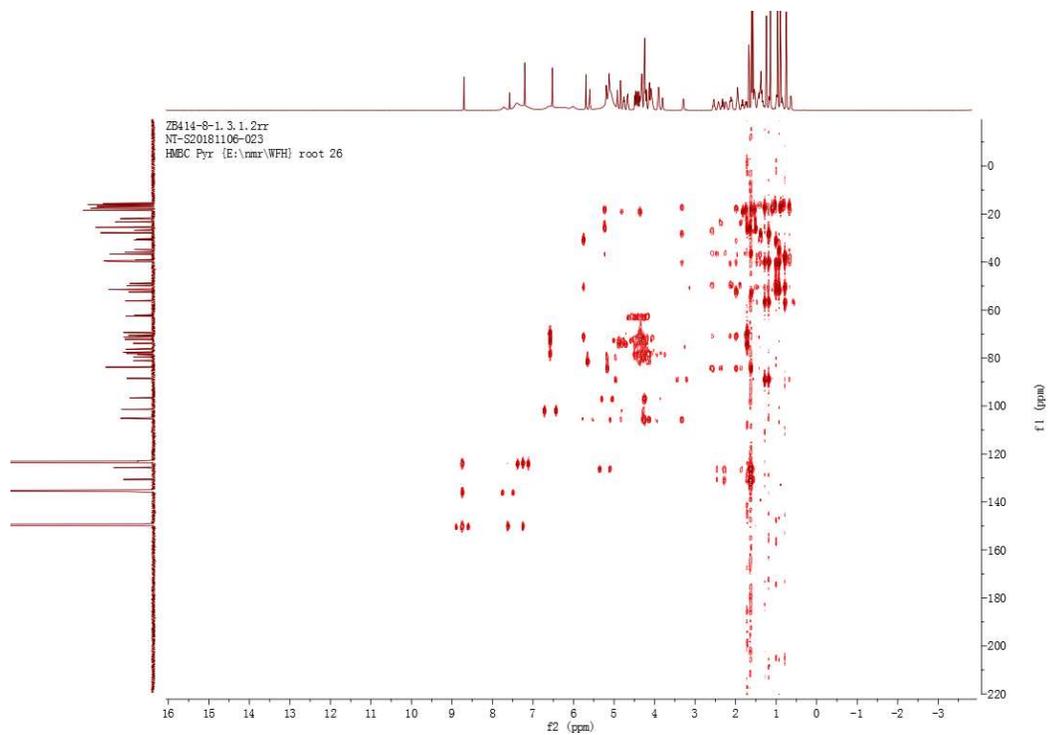
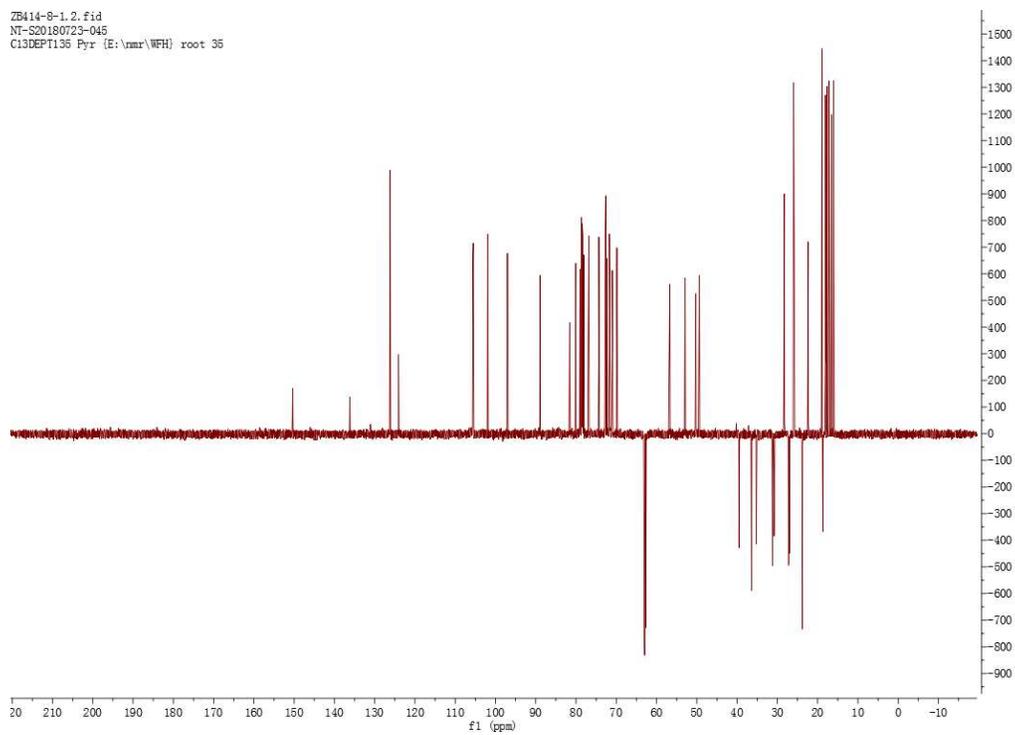


Figure S52. ¹³C NMR spectrum of compound 8



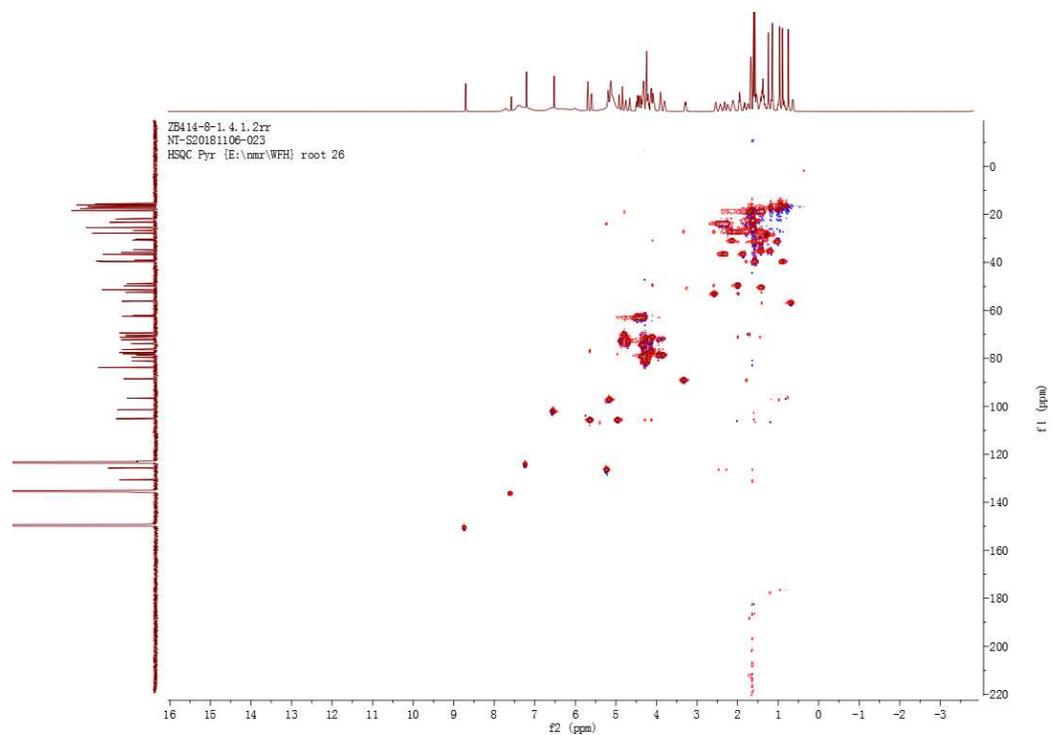


Figure S55. HSQC spectrum of compound 8

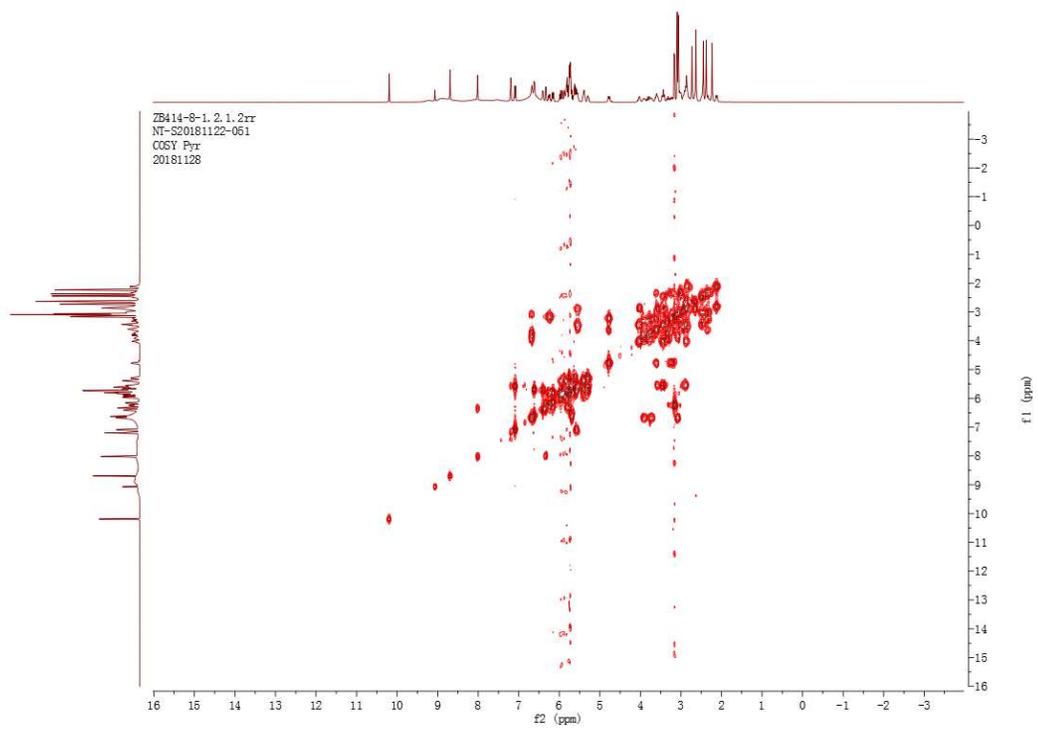


Figure S56. ¹H-¹H COSY spectrum of compound 8

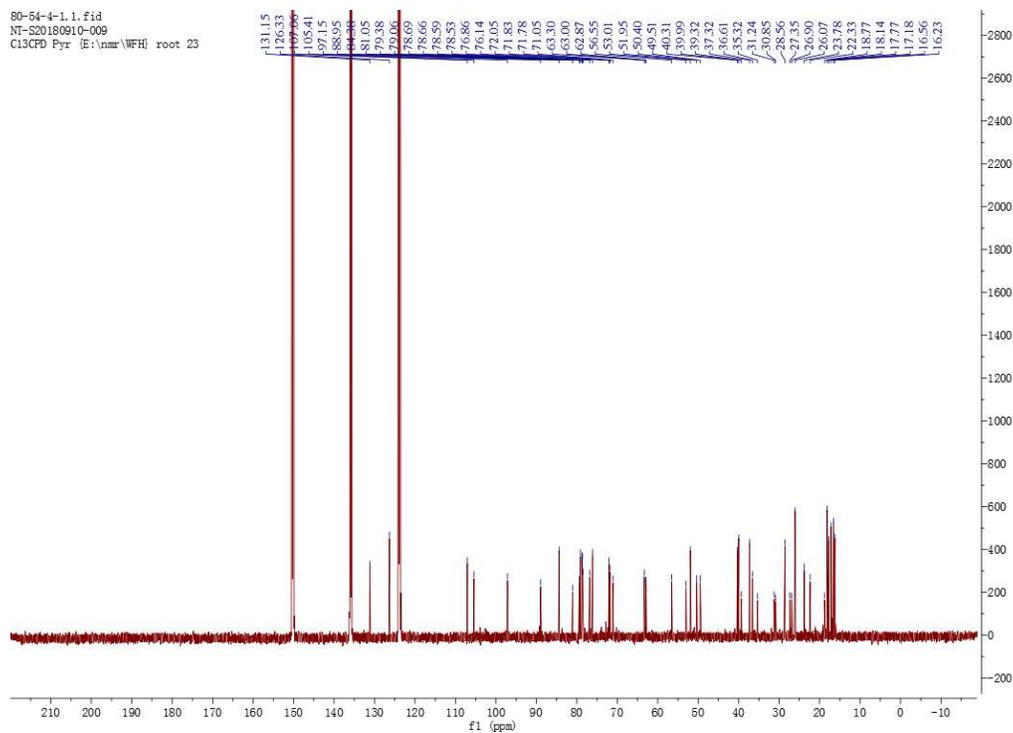


Figure S59. ^{13}C NMR spectrum of compound 9

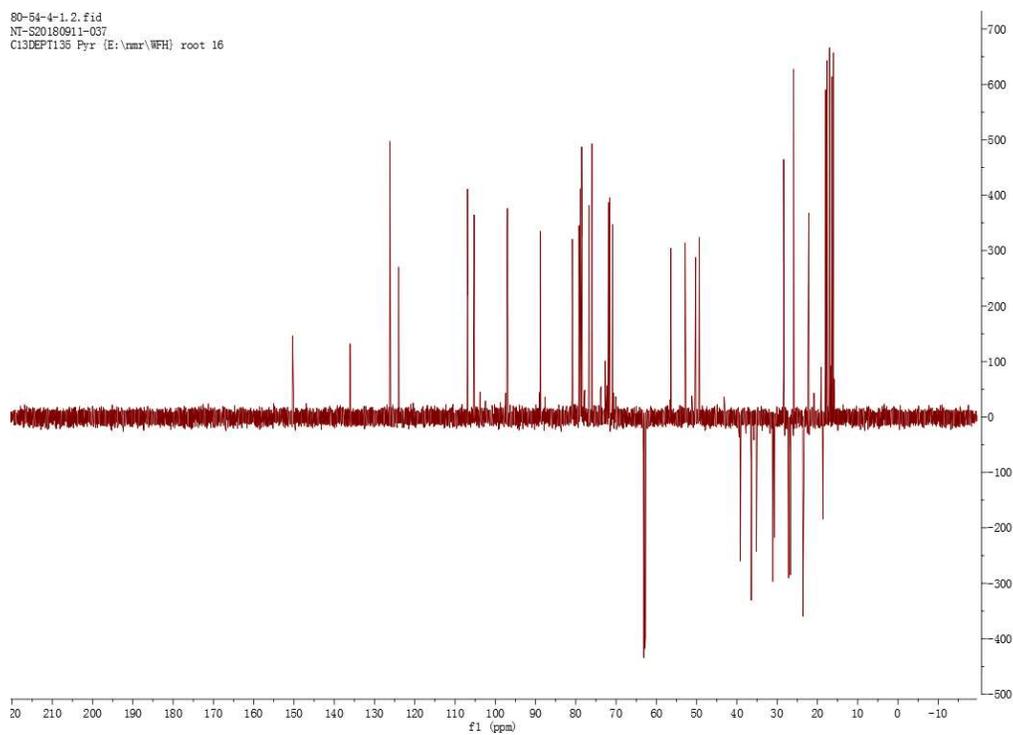


Figure S60. DEPT-135 spectrum of compound 9

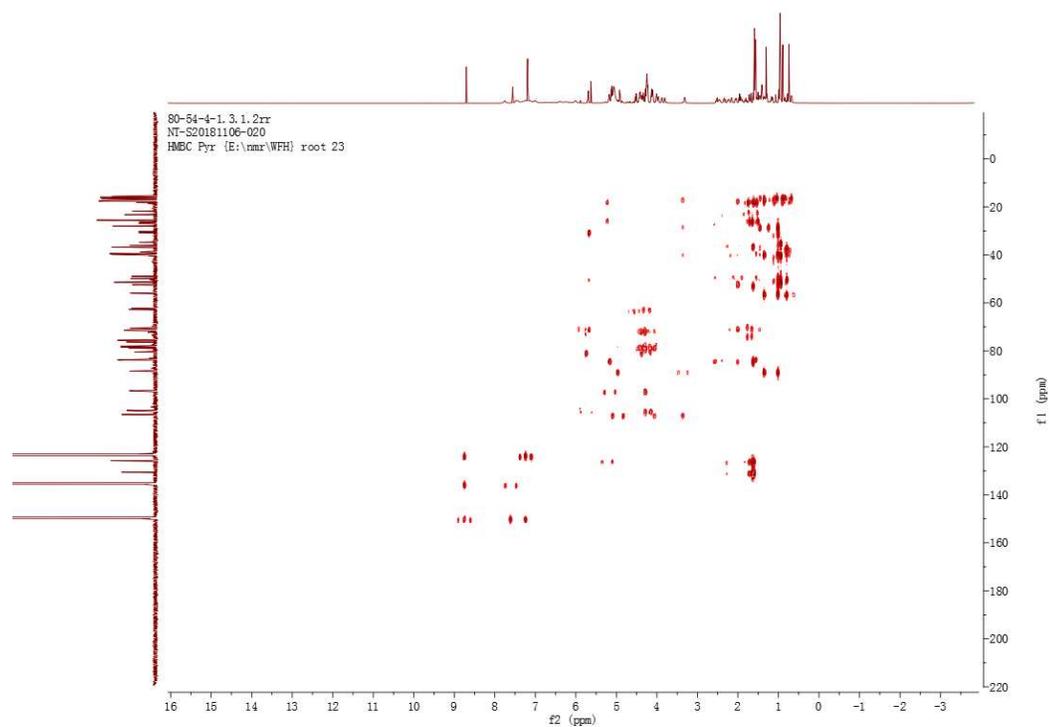


Figure S61. HMBC spectrum of compound 9

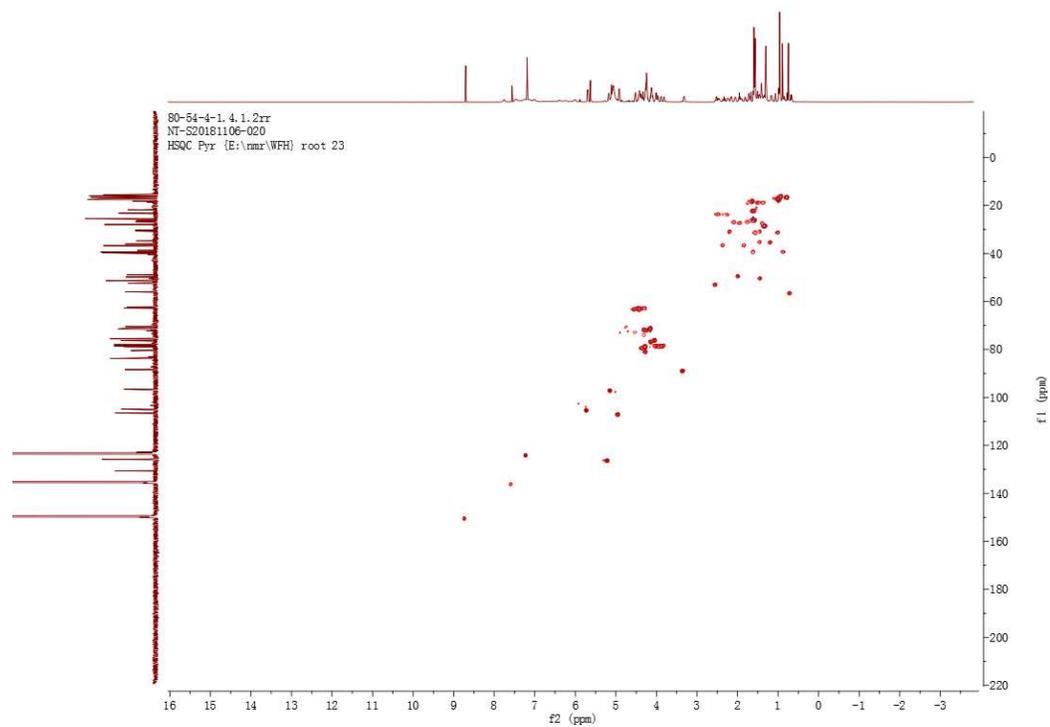


Figure S62. HSQC spectrum of compound 9

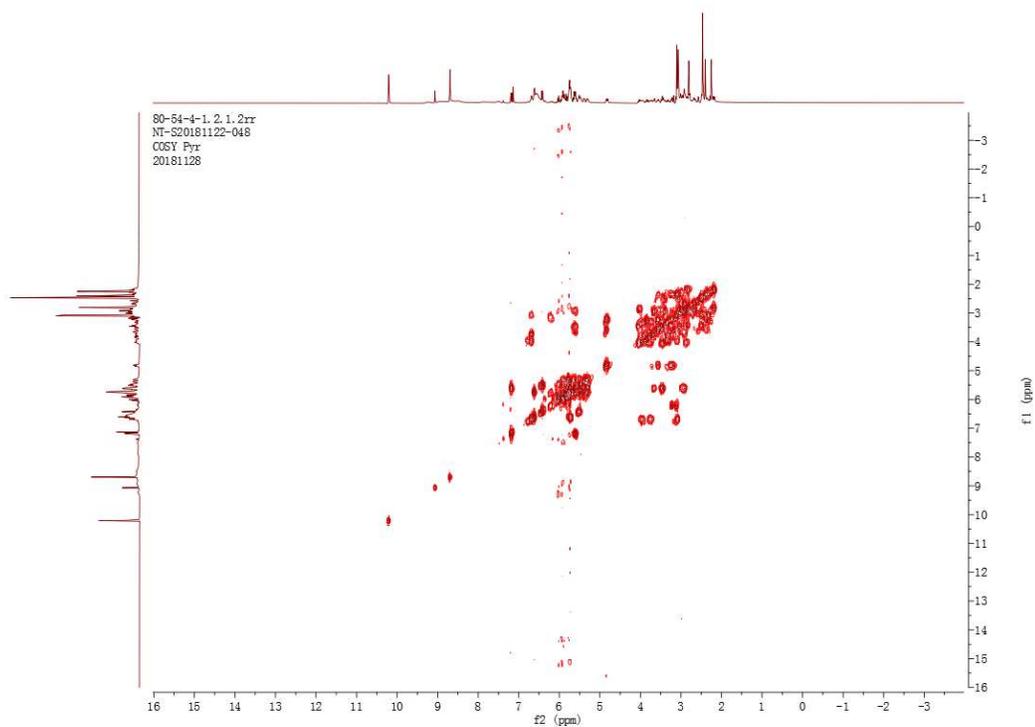


Figure S63. ^1H - ^1H COSY spectrum of compound **9**

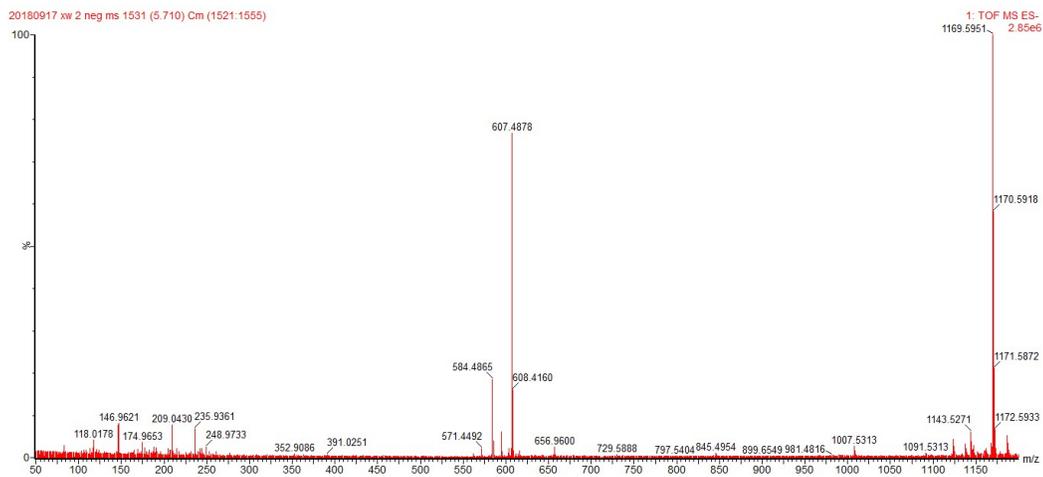


Figure S64. High-resolution electrospray ionization mass spectrum of compound **10**

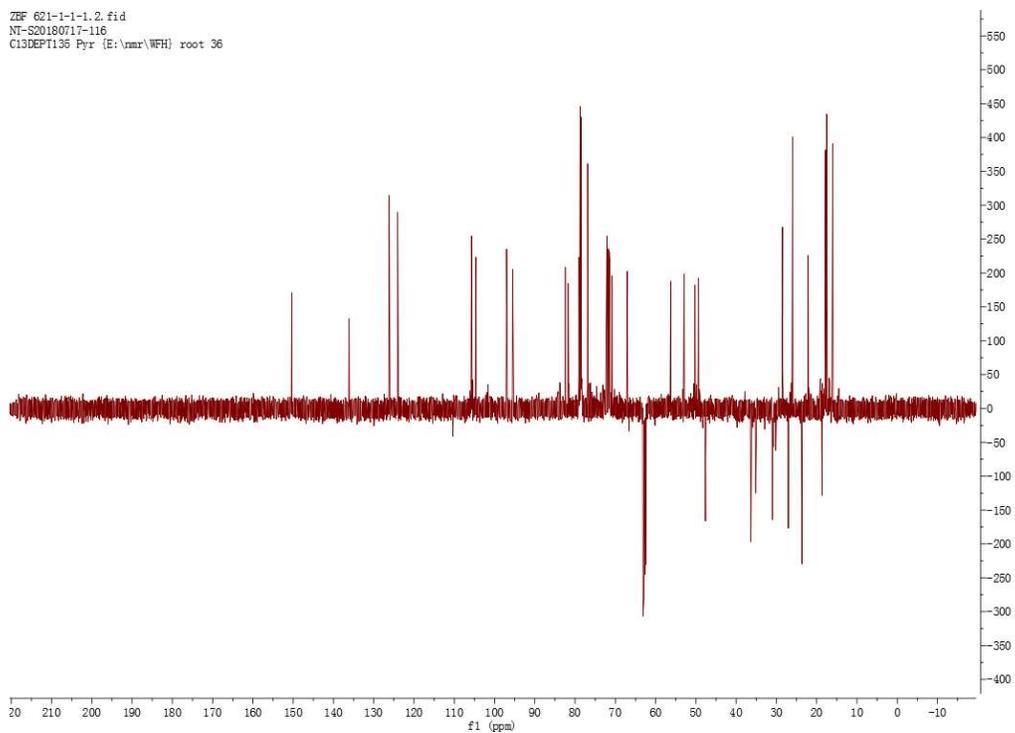


Figure S67. DEPT-135 spectrum of compound 10

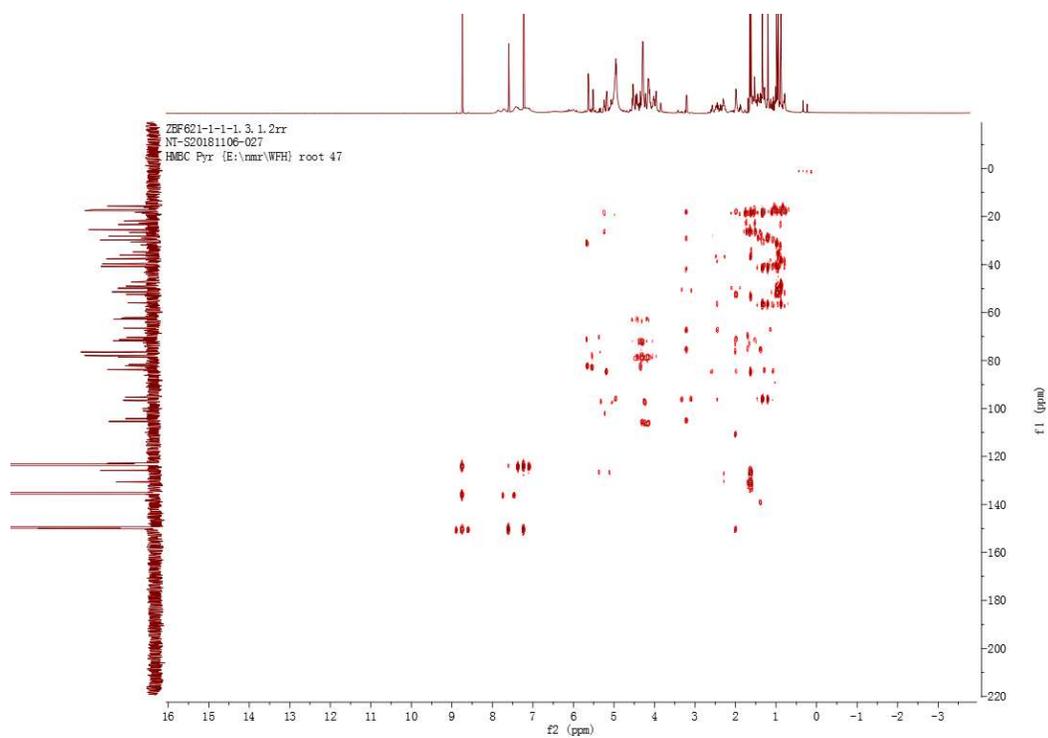


Figure S68. HMBC spectrum of compound 10

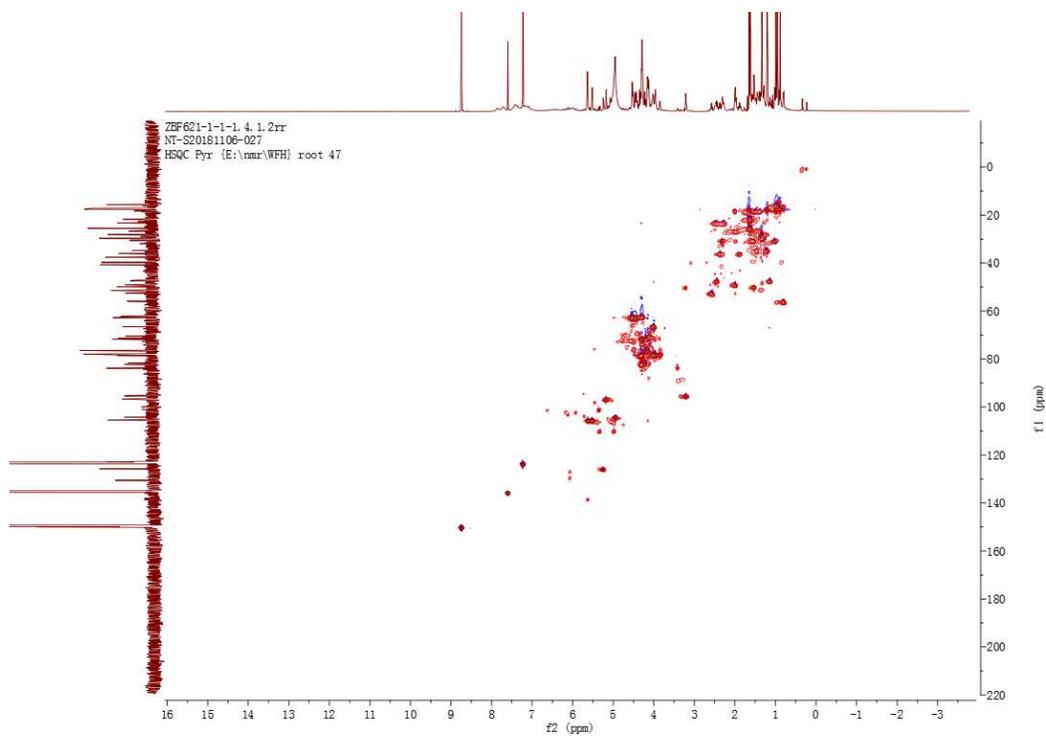


Figure S69. HSQC spectrum of compound 10

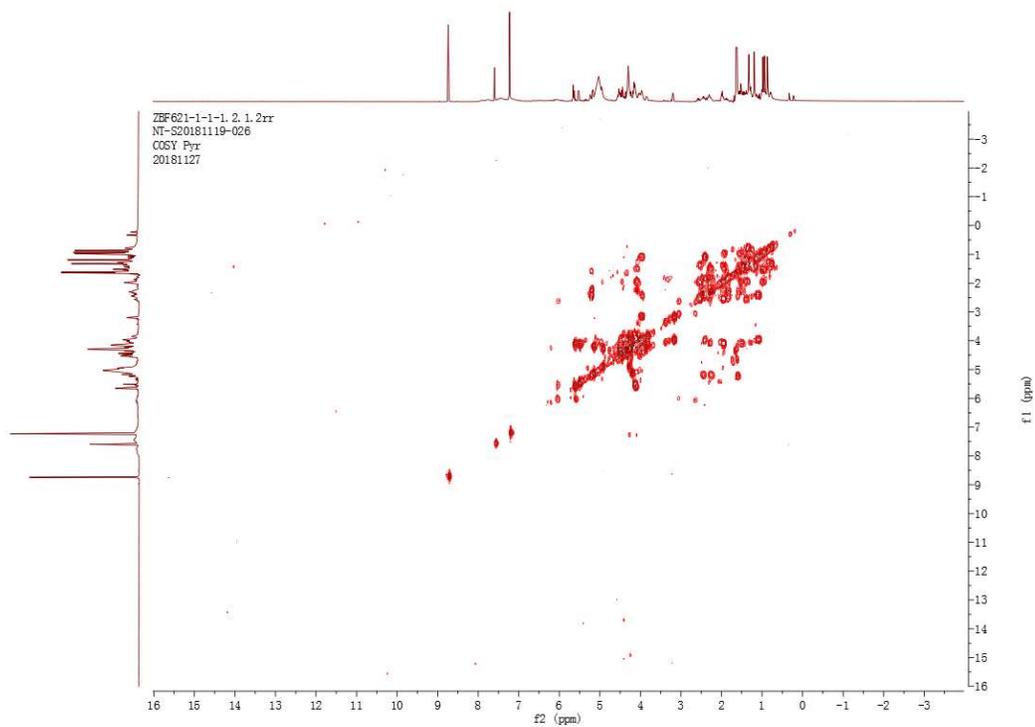


Figure S70. ^1H - ^1H COSY spectrum of compound 10

