

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

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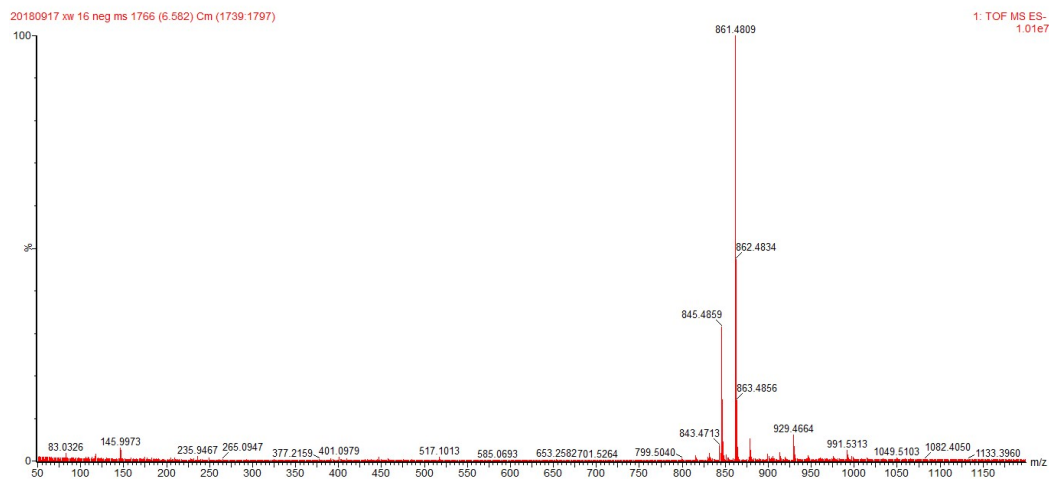


Figure S1. High-resolution electrospray ionization mass spectrum of compound **1**

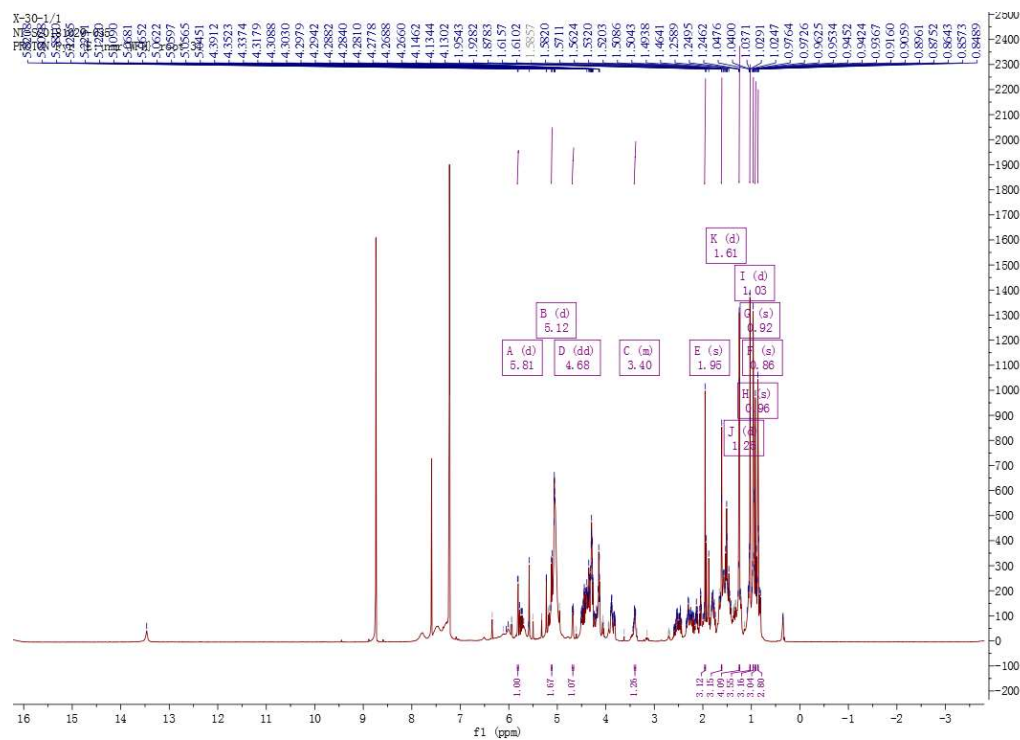


Figure S2. ¹H NMR spectrum of compound **1**

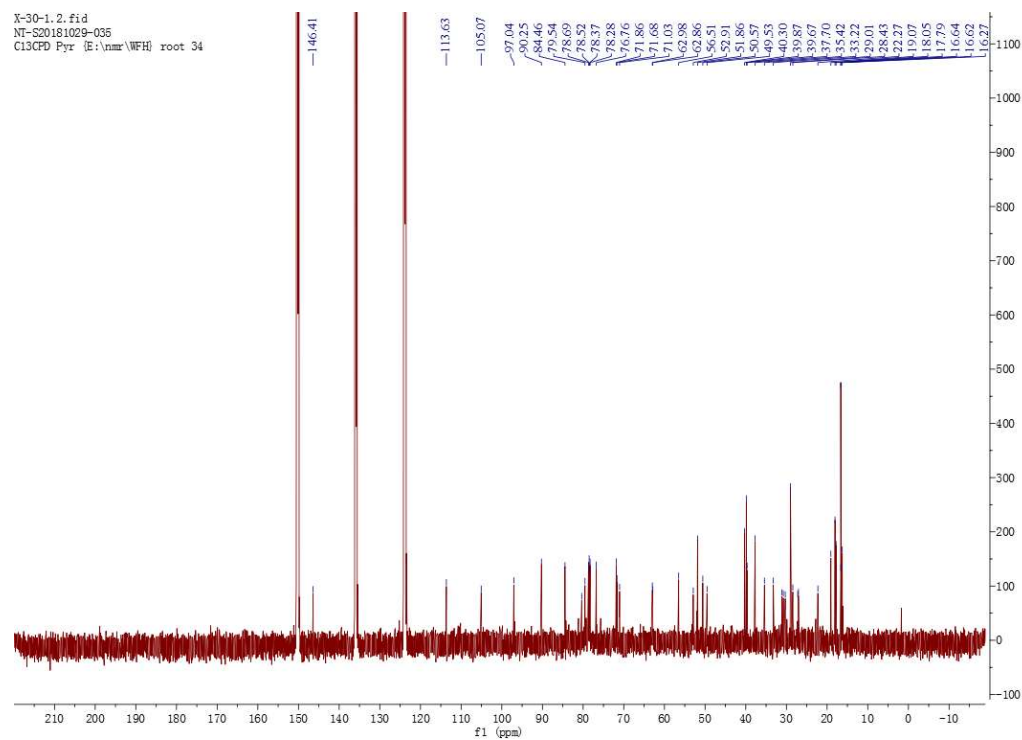


Figure S3. ^{13}C NMR spectrum of compound **1**

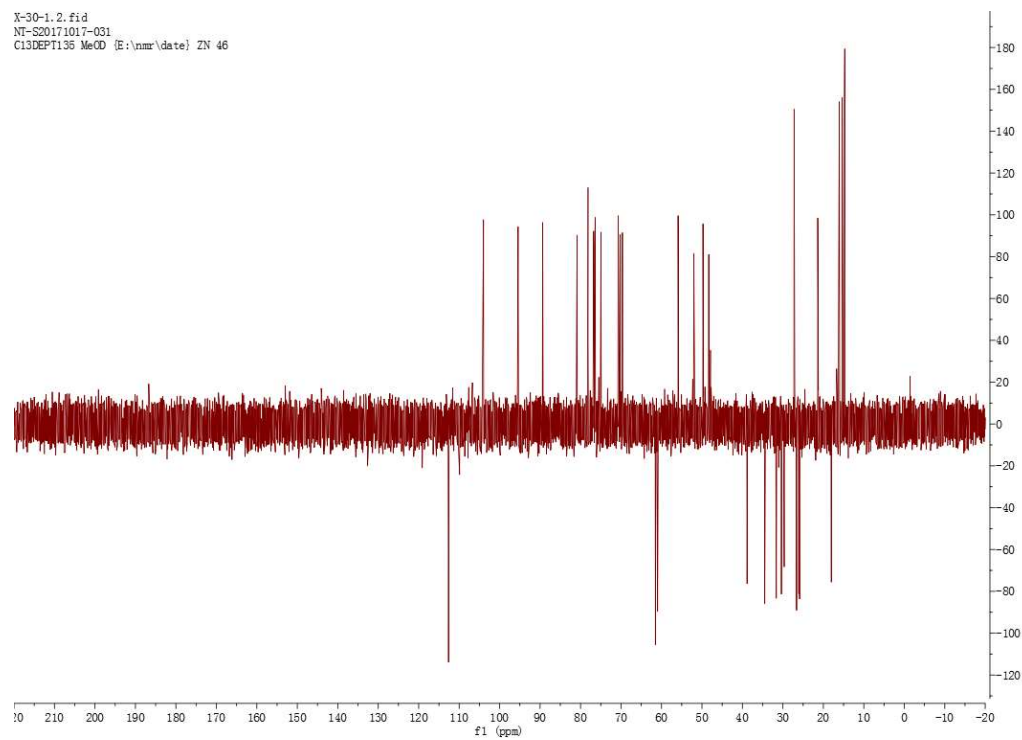


Figure S4. DEPT-135 spectrum of compound **1**

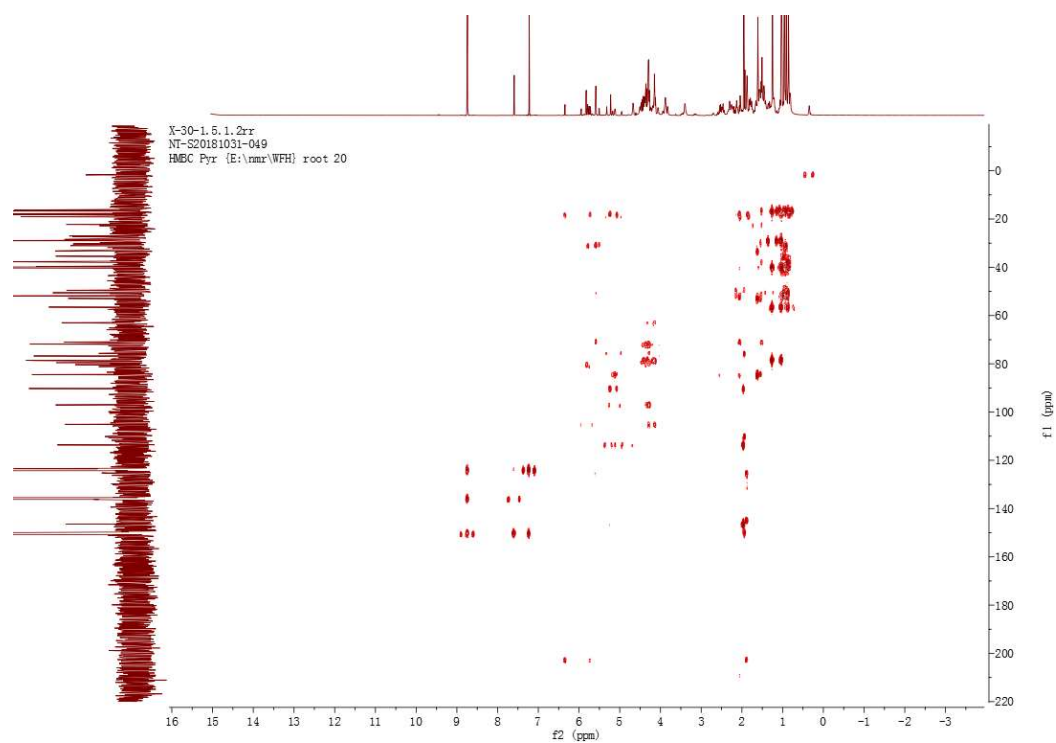


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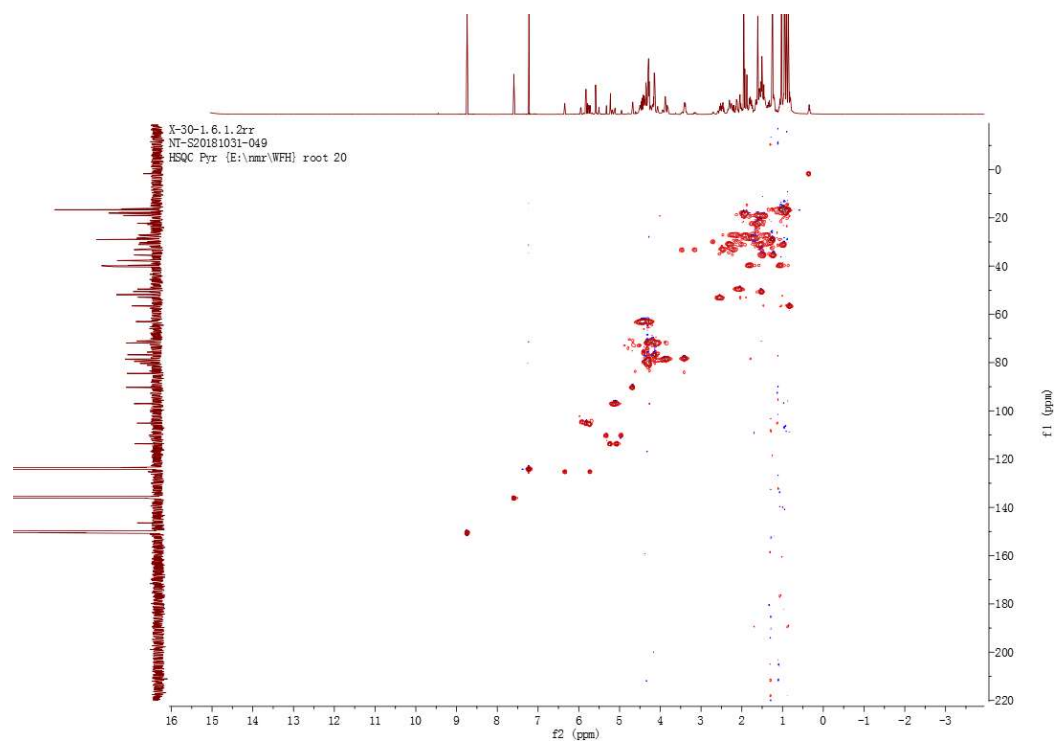


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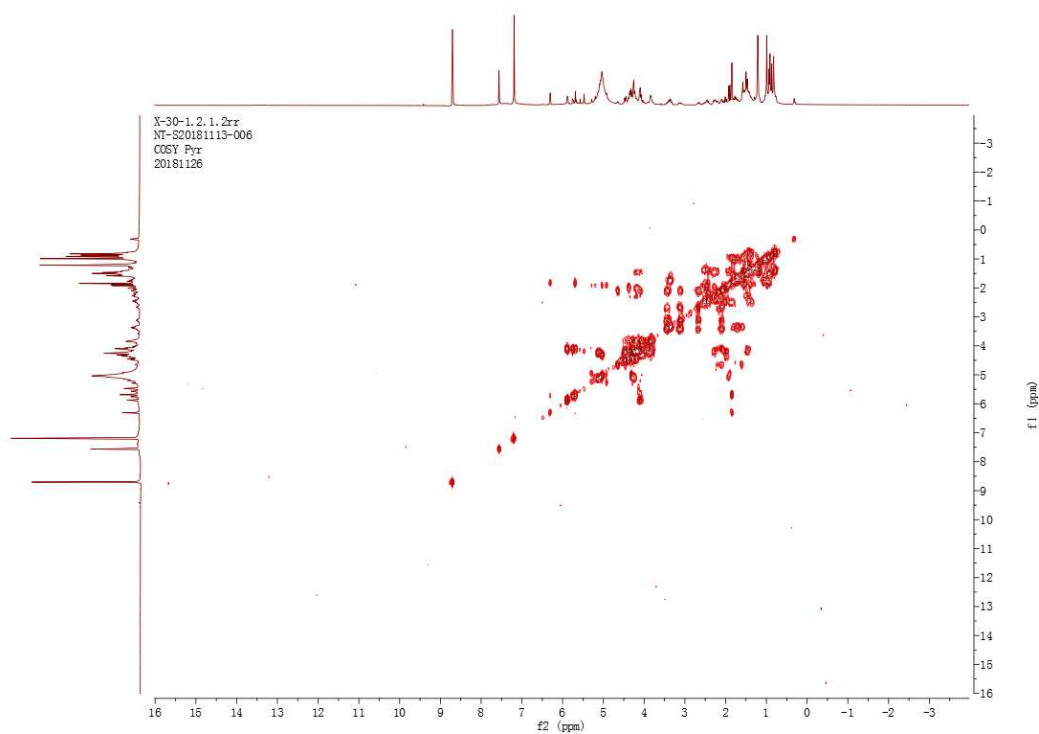


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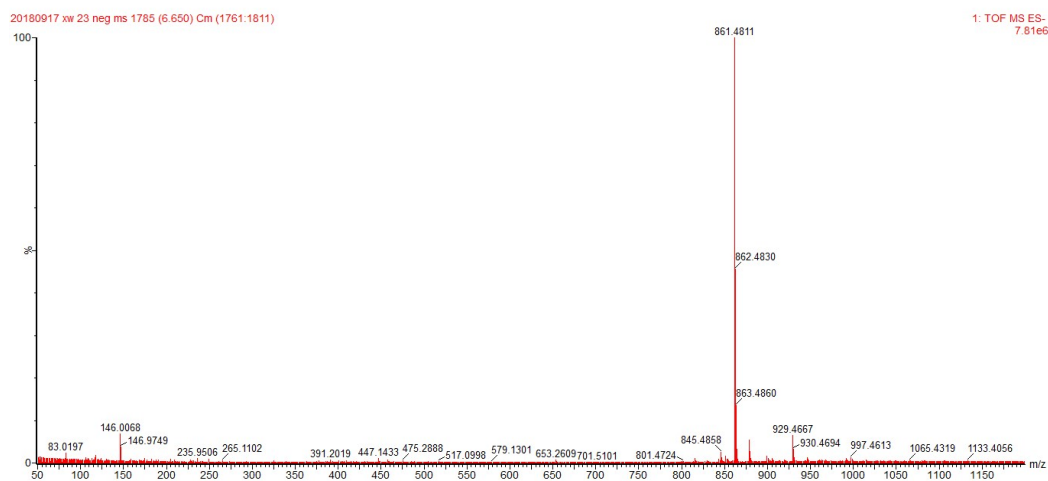


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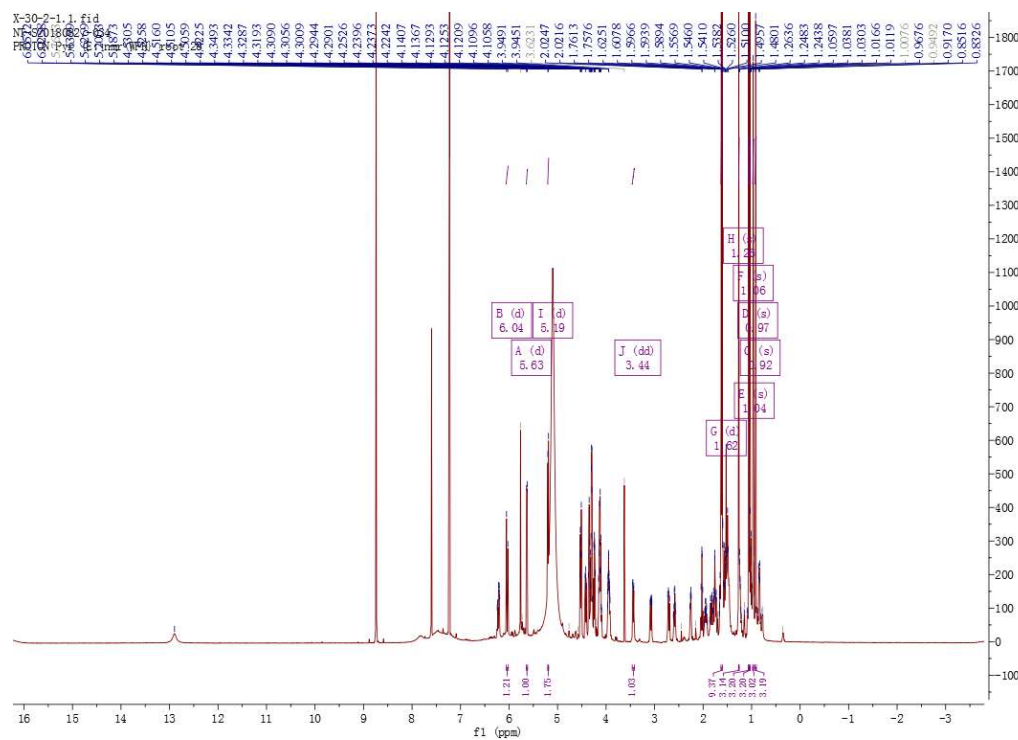


Figure S9. ^1H NMR spectrum of compound 2

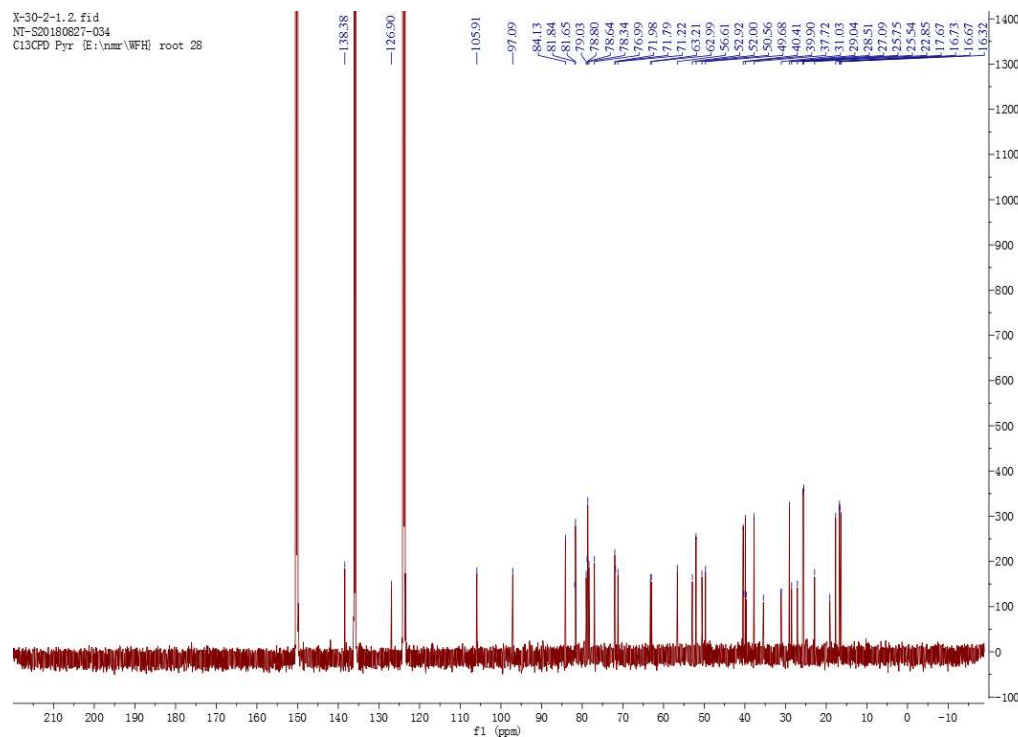


Figure S10. ^{13}C NMR spectrum of compound 2

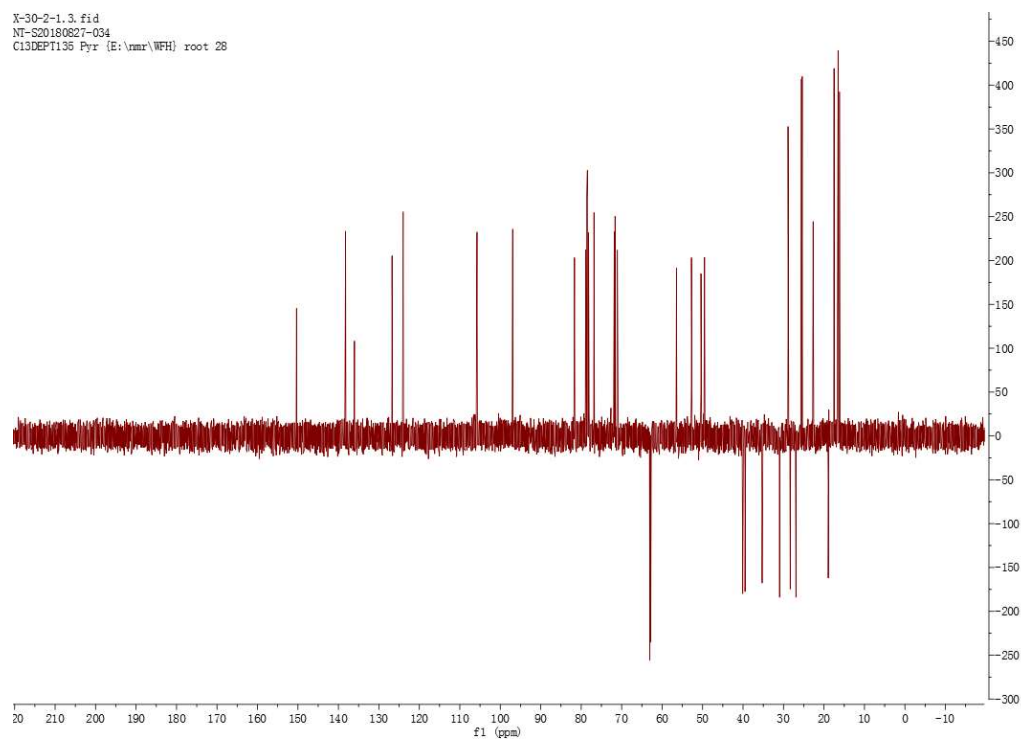


Figure S11. DEPT-135 spectrum of compound 2

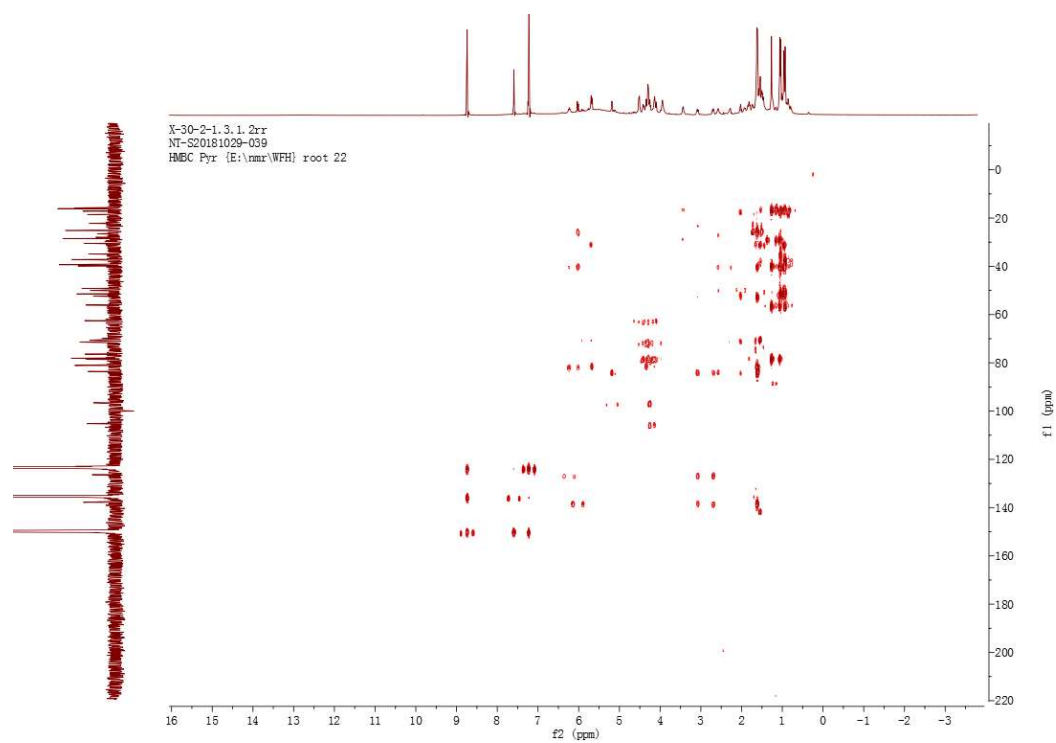


Figure S12. HMBC spectrum of compound 2

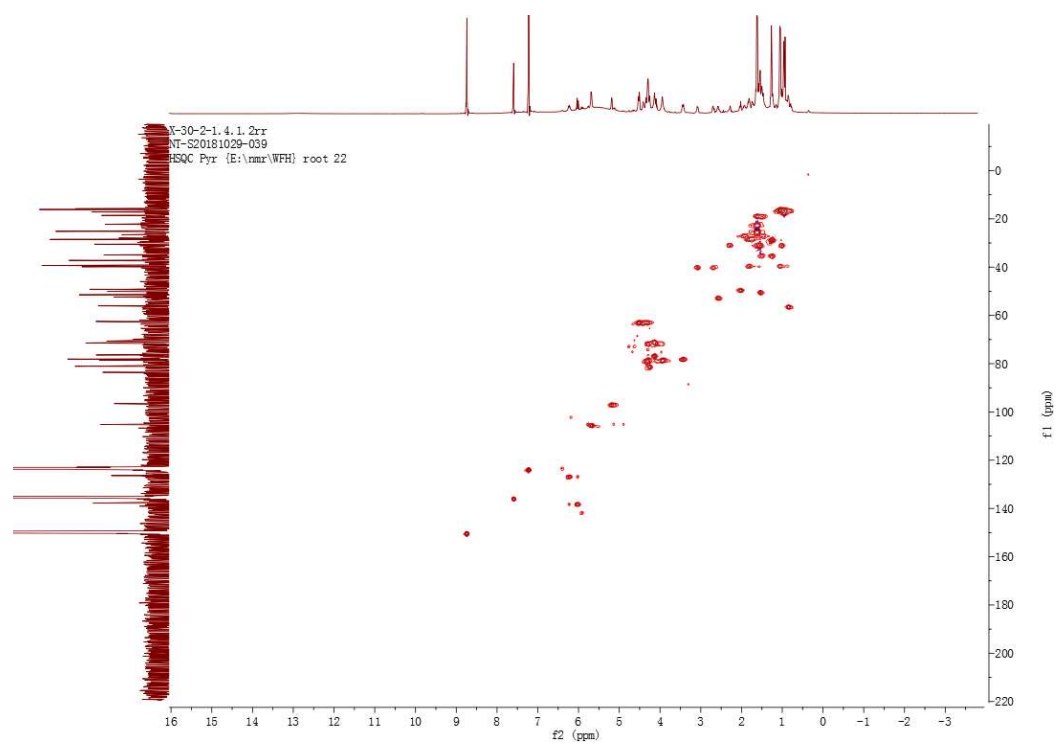


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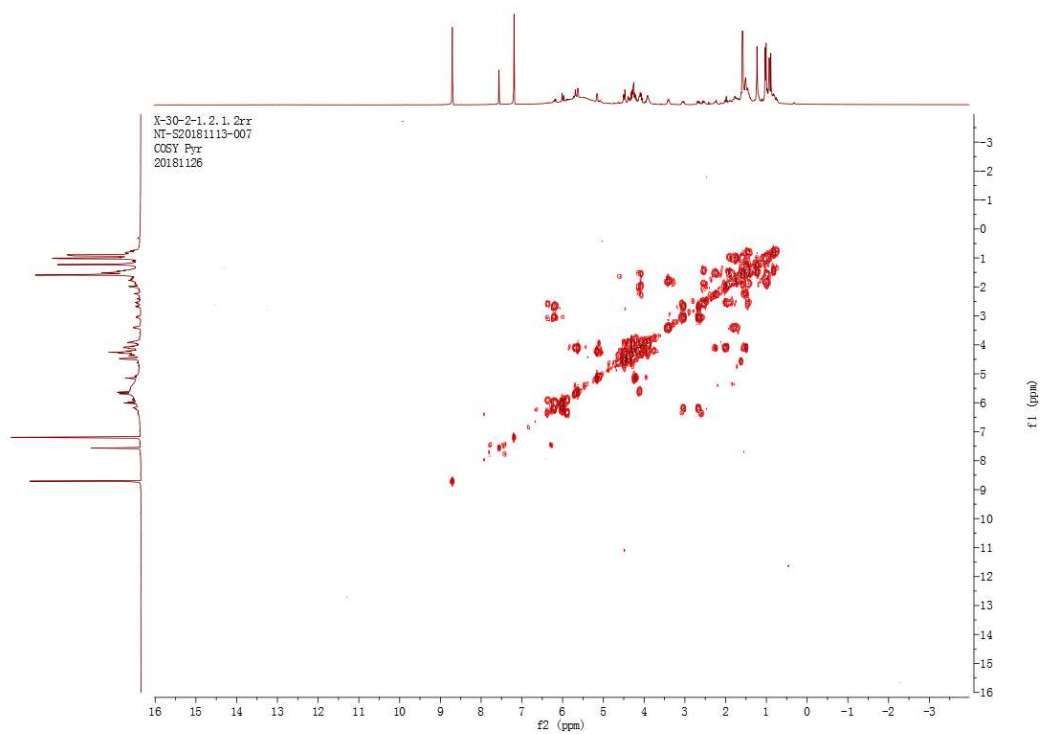


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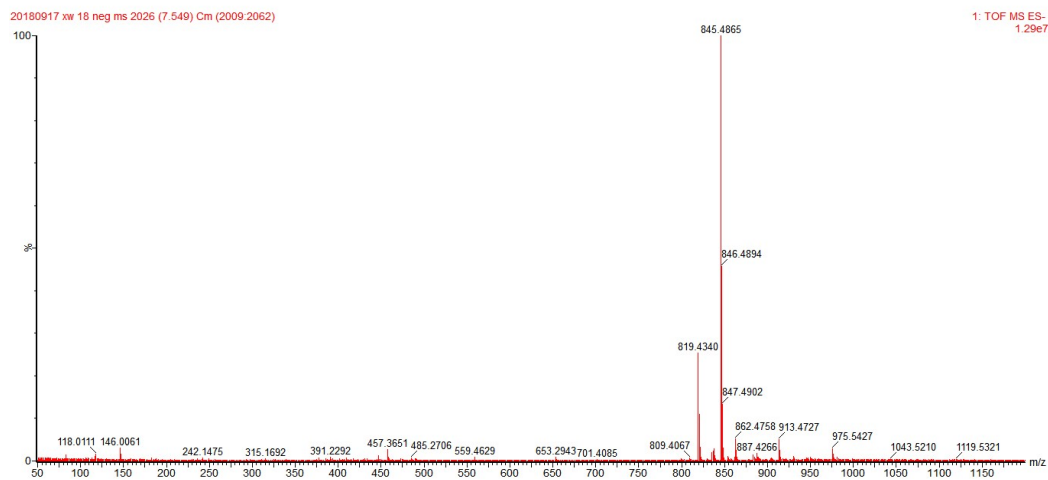


Figure S15. High-resolution electrospray ionization mass spectrum of compound 3

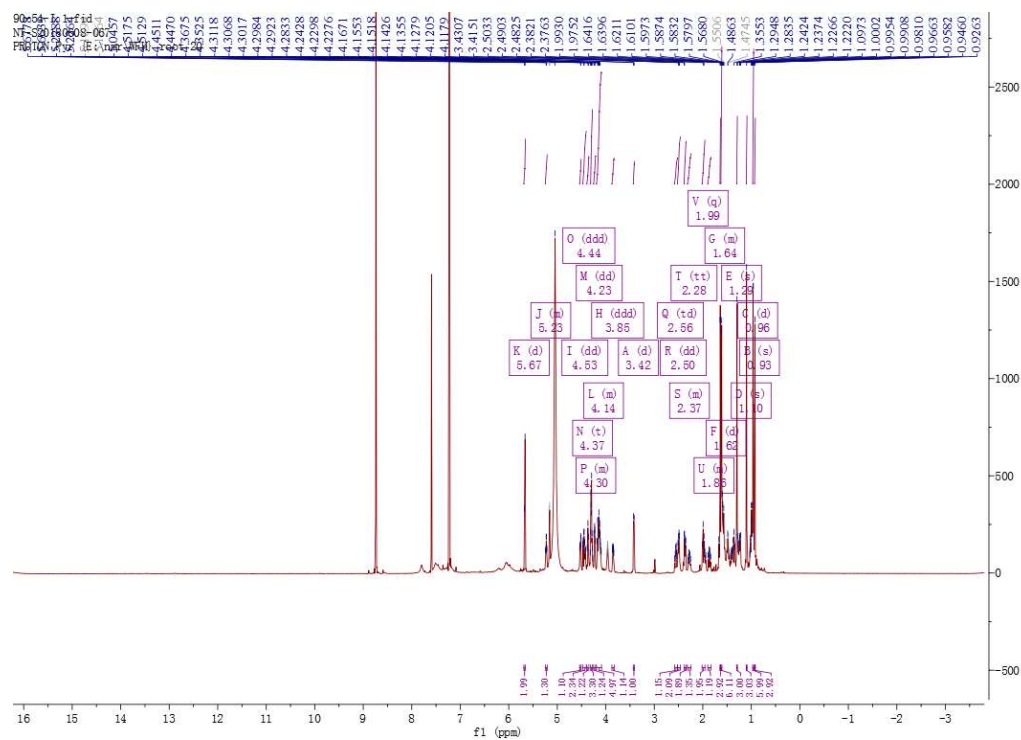


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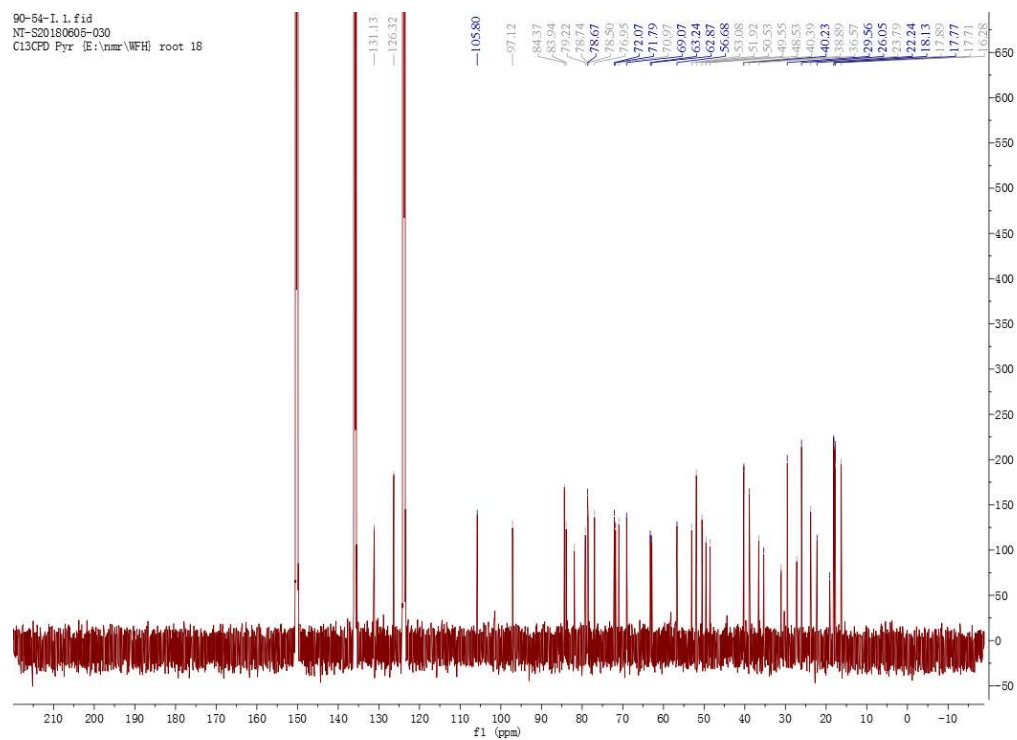


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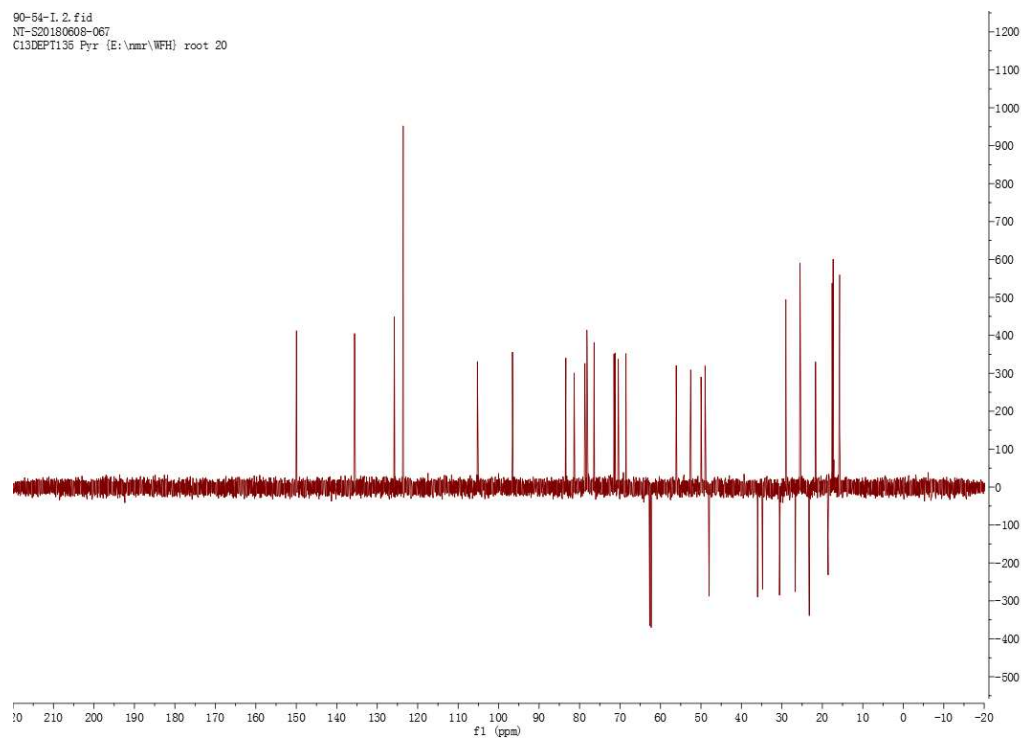


Figure S18. DEPT-135 spectrum of compound 3

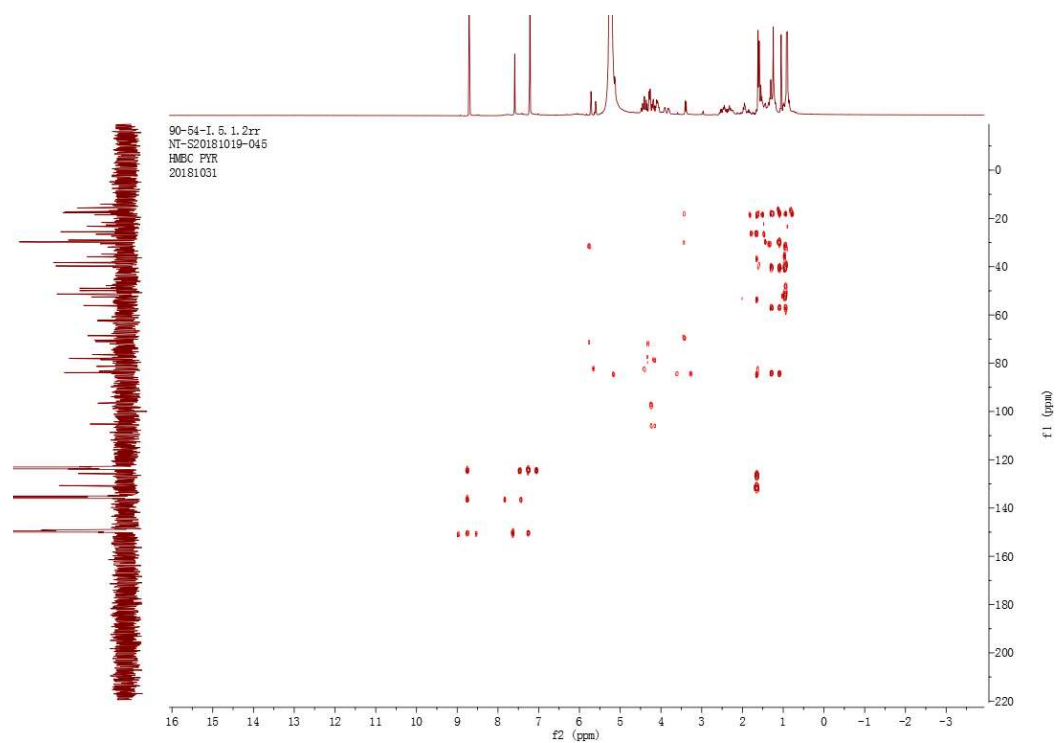


Figure S19. HMBC spectrum of compound 3

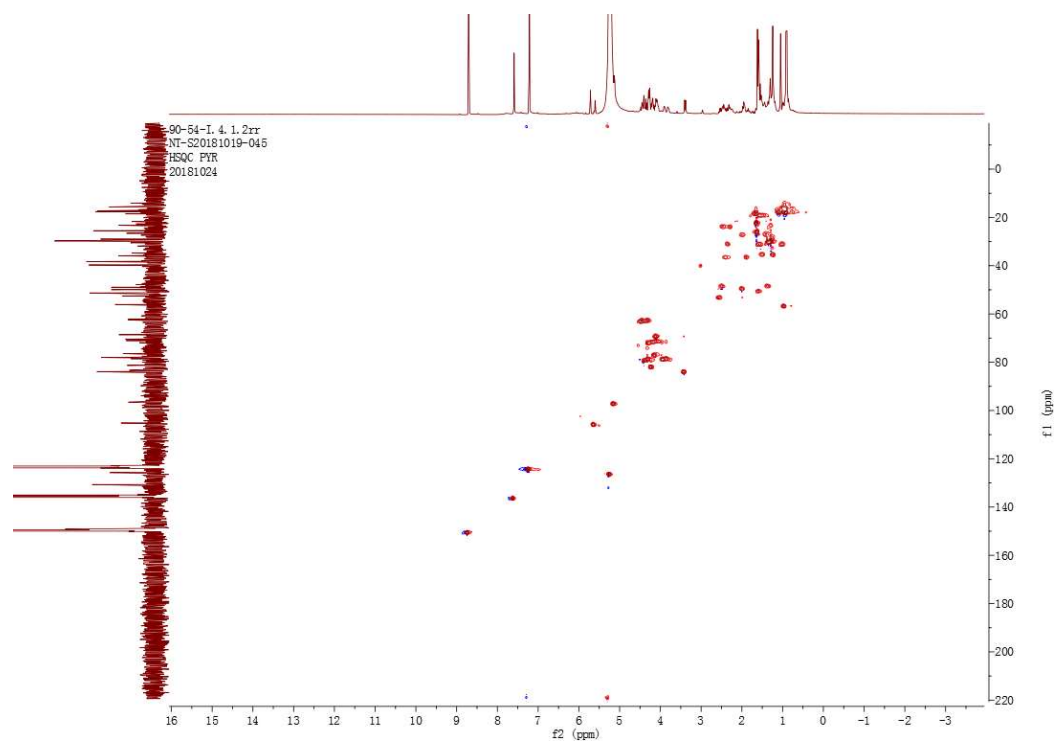


Figure S20. HSQC spectrum of compound 3

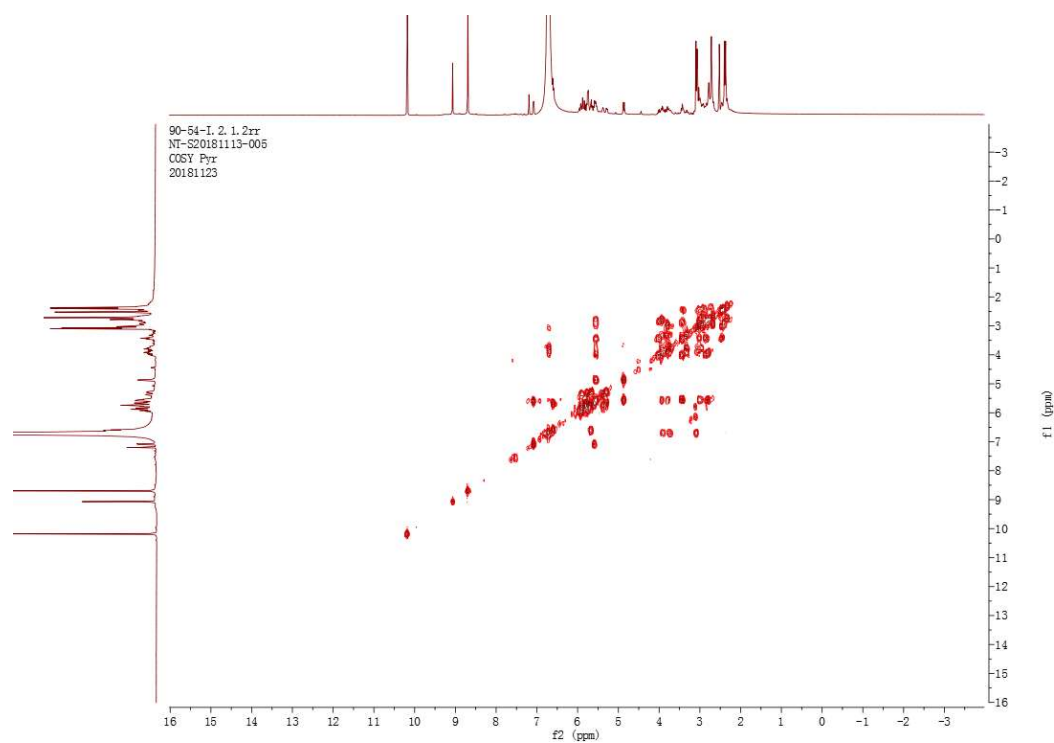


Figure S21. ^1H - ^1H COSY spectrum of compound **3**

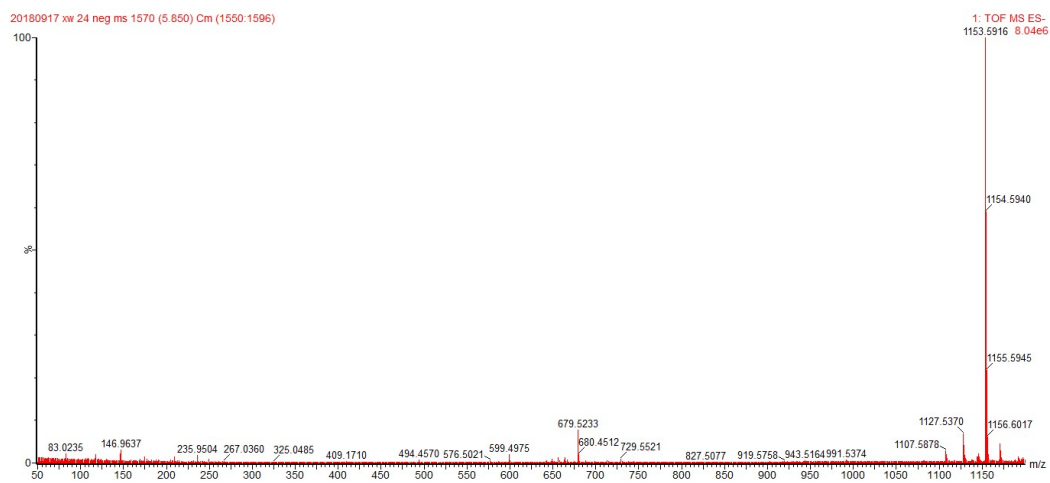


Figure S22. High-resolution electrospray ionization mass spectrum of compound **4**

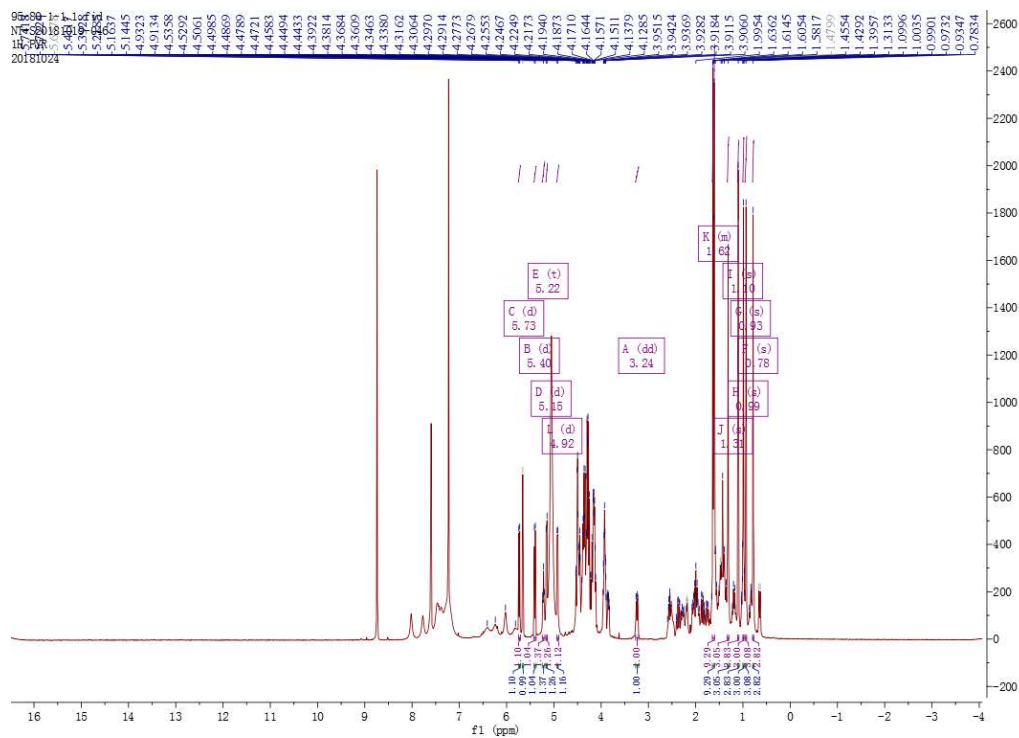


Figure S23. ^1H NMR spectrum of compound **4**

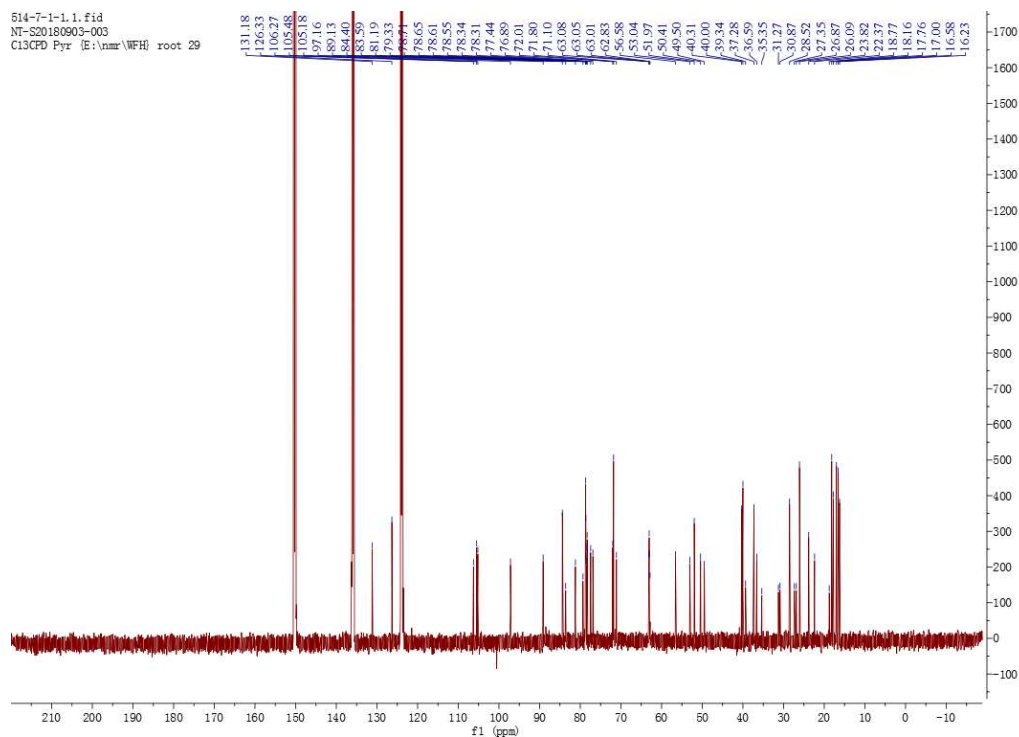


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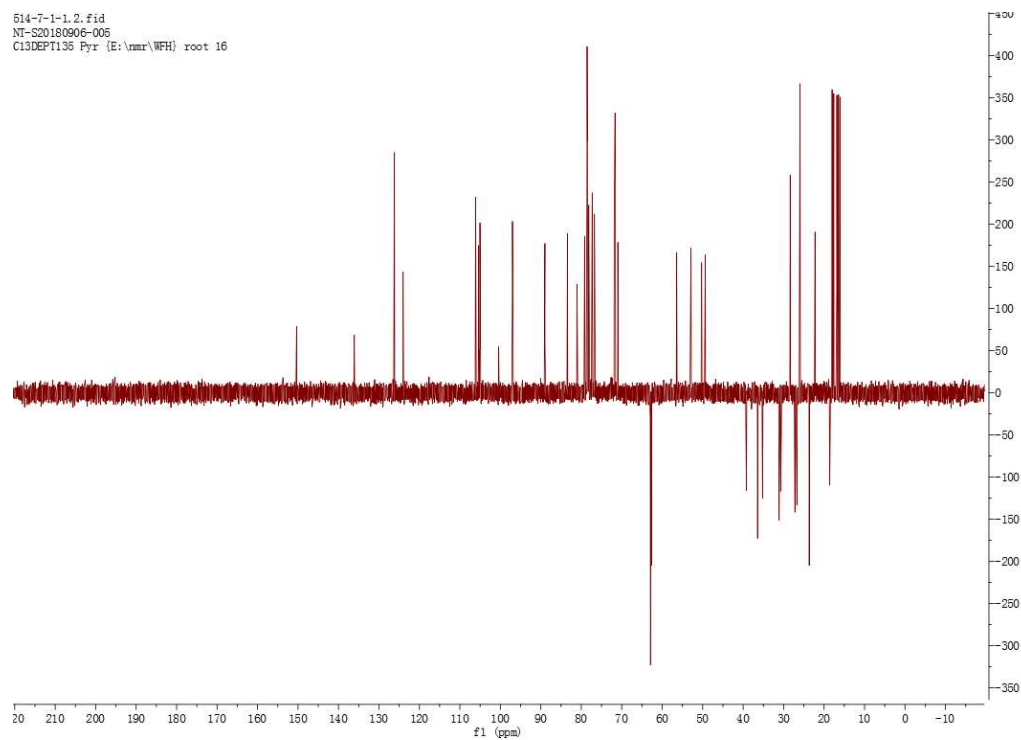


Figure S25. DEPT-135 spectrum of compound 4

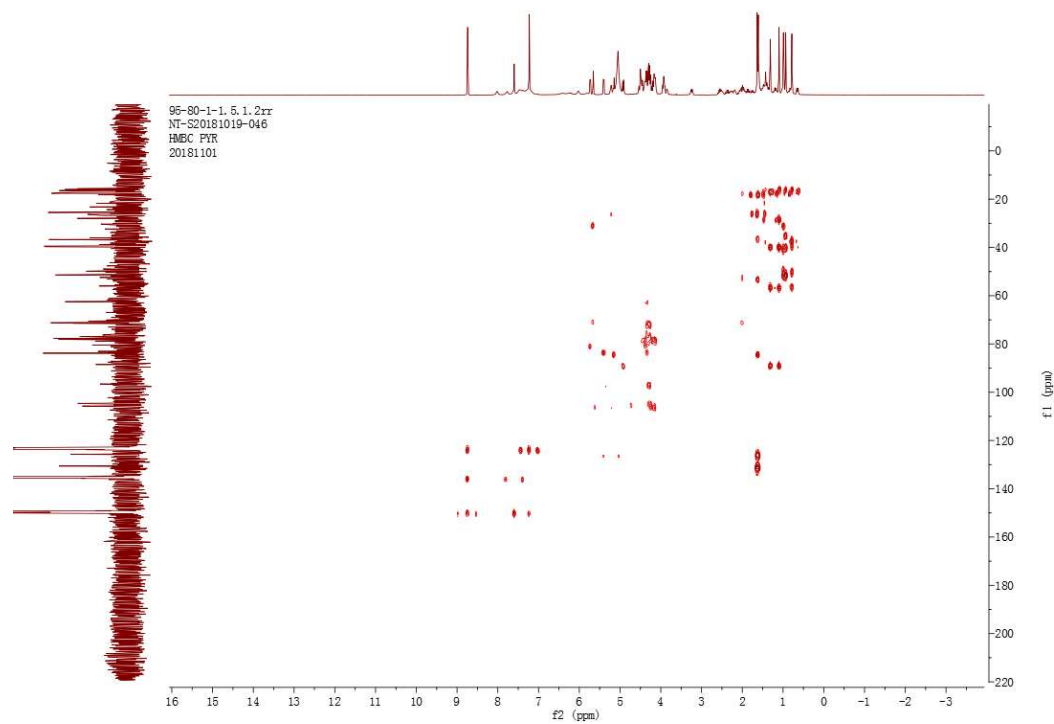


Figure S26. HMBC spectrum of compound 4

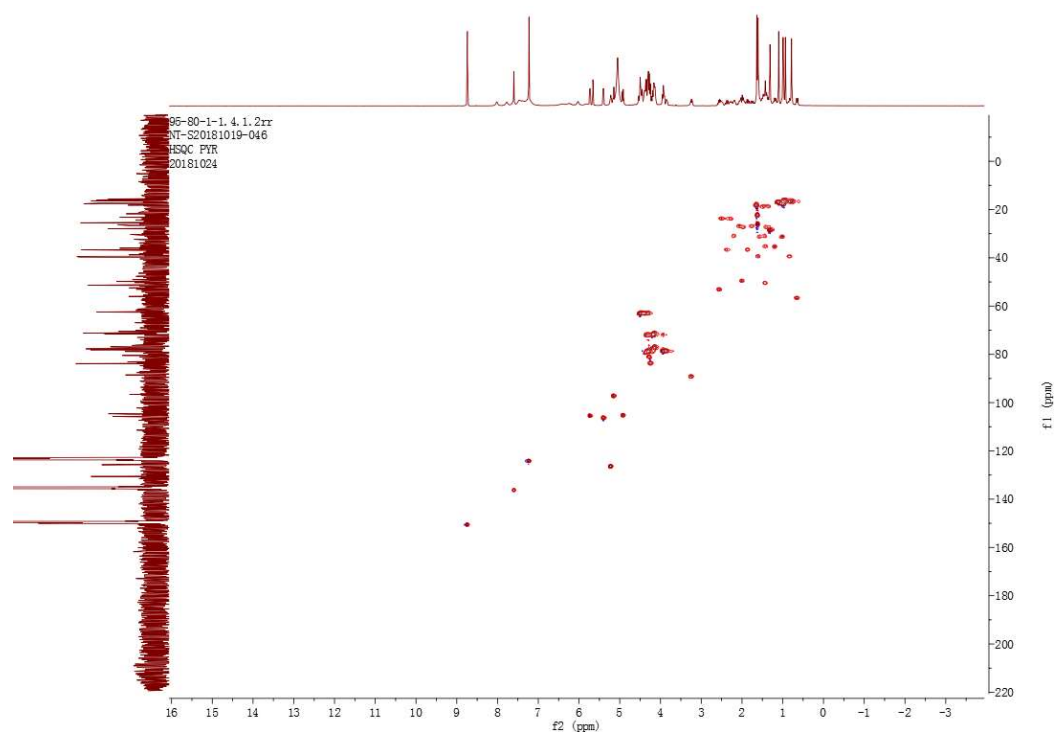


Figure S27. HSQC spectrum of compound 4

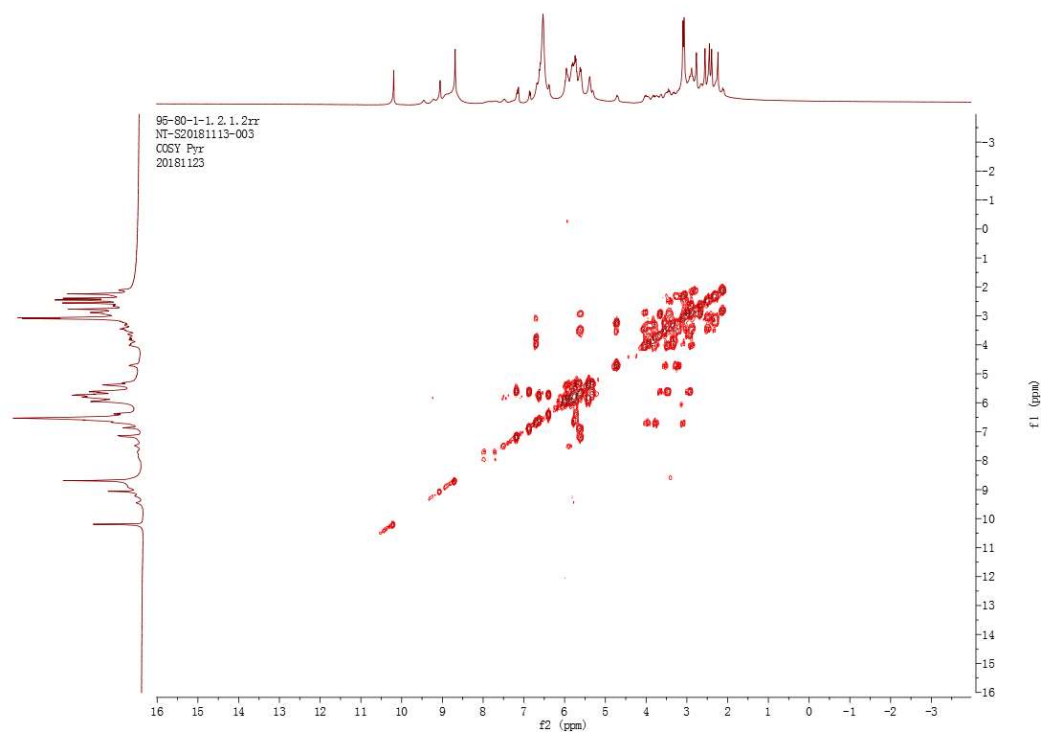
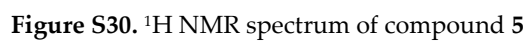
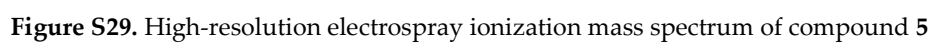


Figure S28. ^1H - ^1H COSY spectrum of compound 4



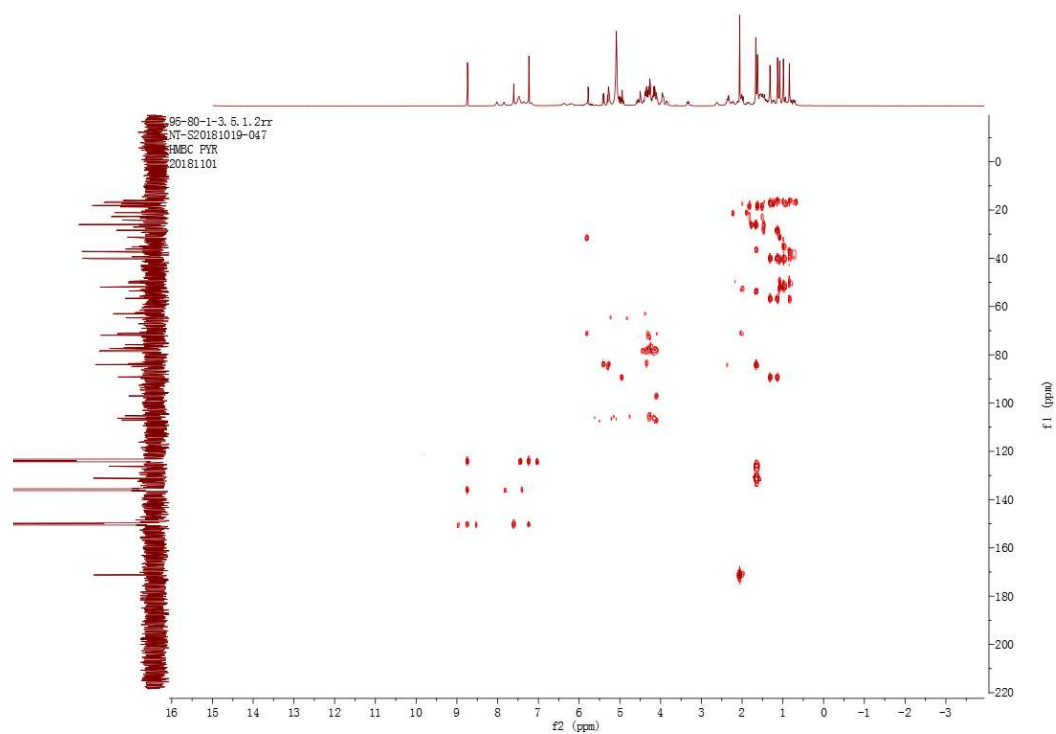


Figure S33. HMBC spectrum of compound 5

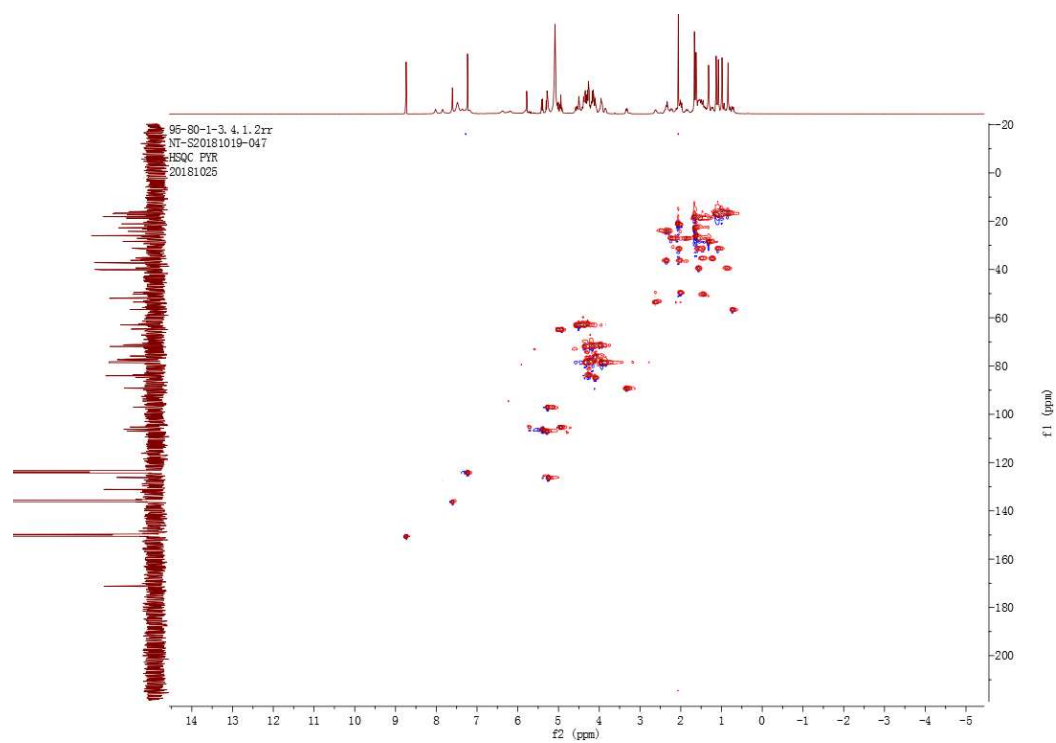


Figure S34. HSQC spectrum of compound 5

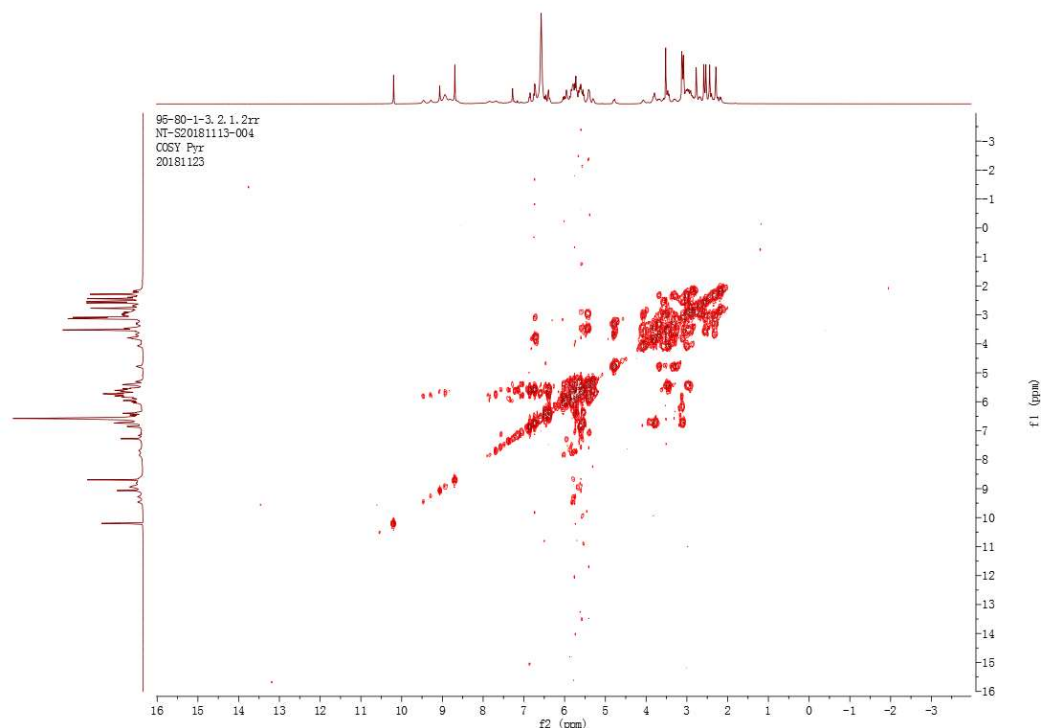


Figure S35. ^1H - ^1H COSY spectrum of compound **5**

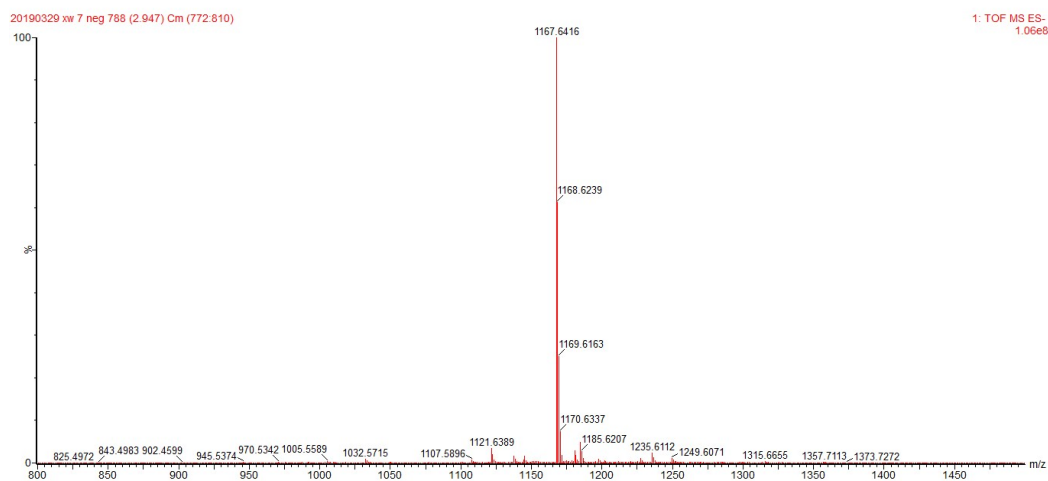


Figure S36. High-resolution electrospray ionization mass spectrum of compound **6**

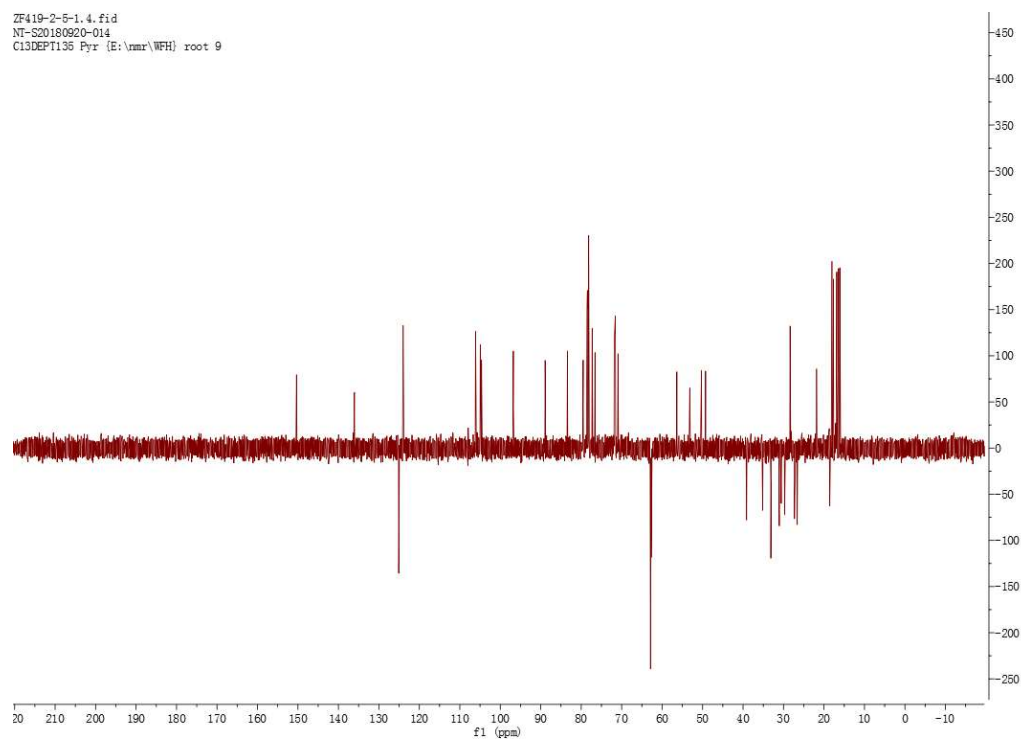


Figure S39. DEPT-135 spectrum of compound 6

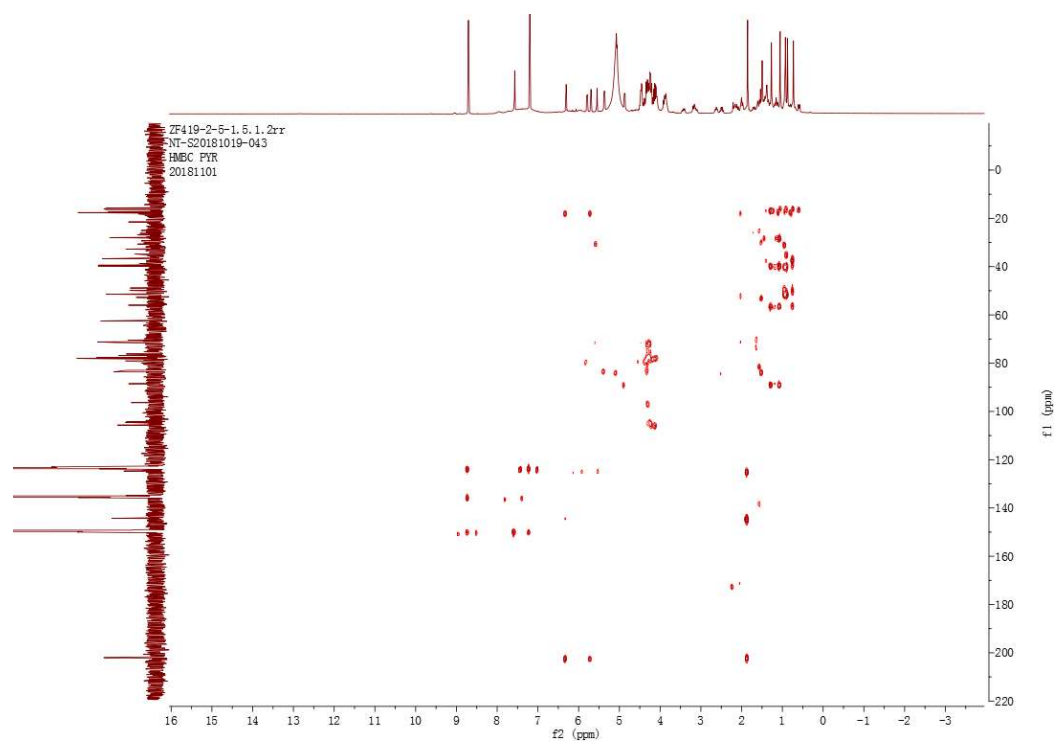


Figure S40. HMBC spectrum of compound 6

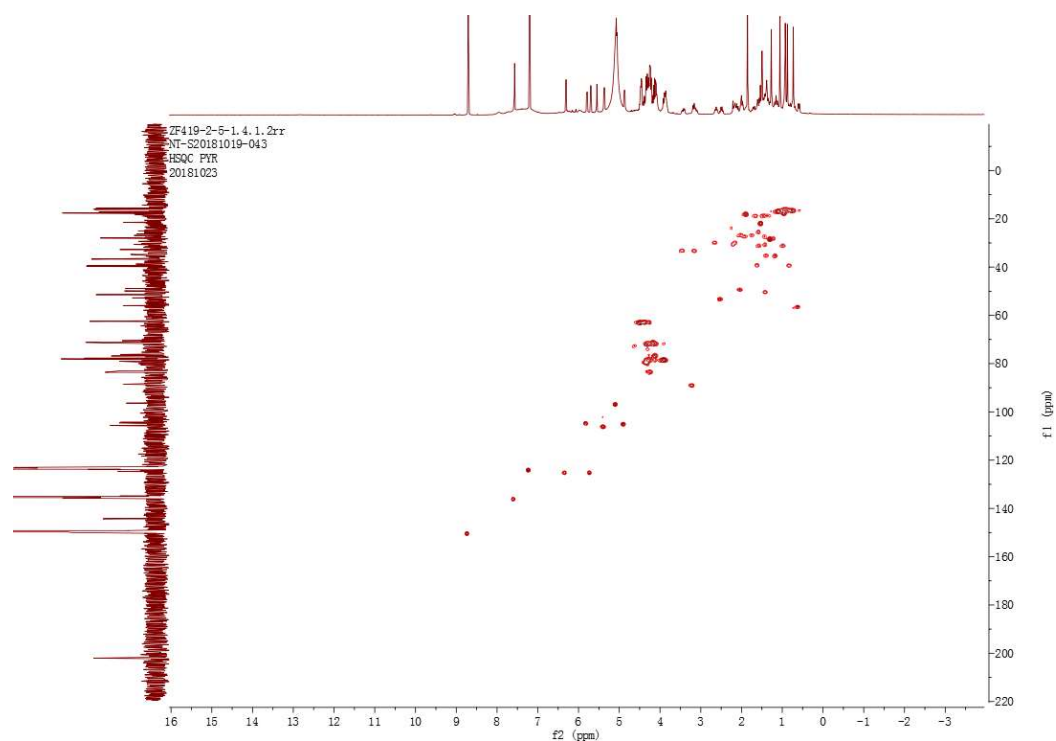


Figure S41. HSQC spectrum of compound 6

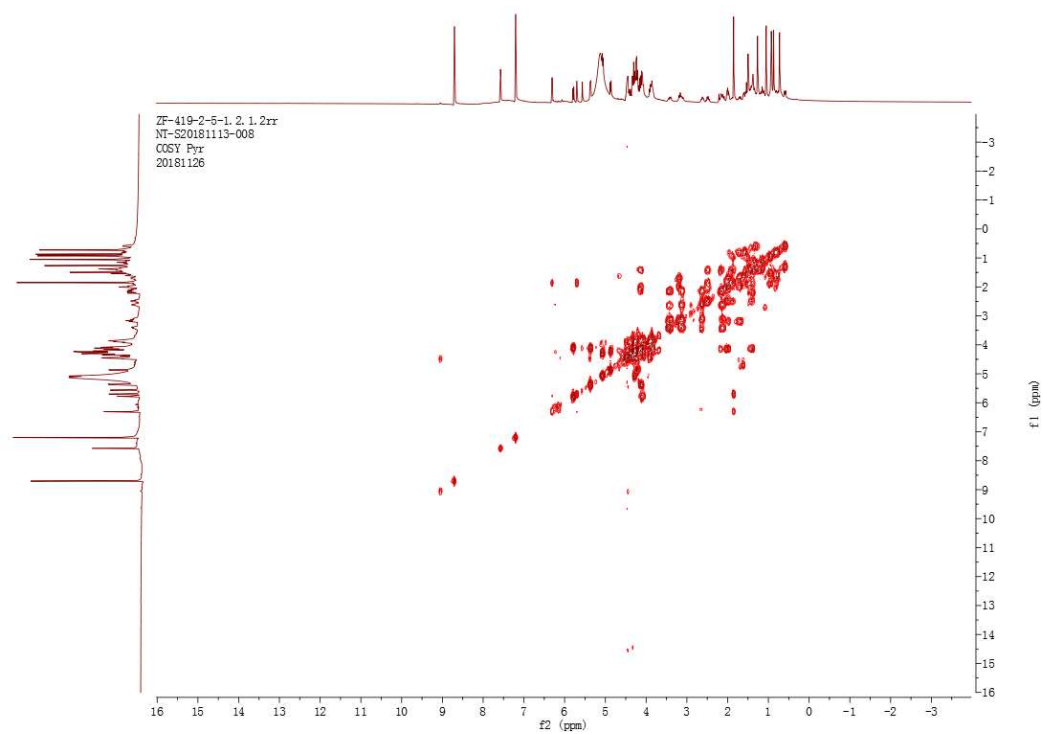


Figure S42. ^1H - ^1H COSY spectrum of compound 6

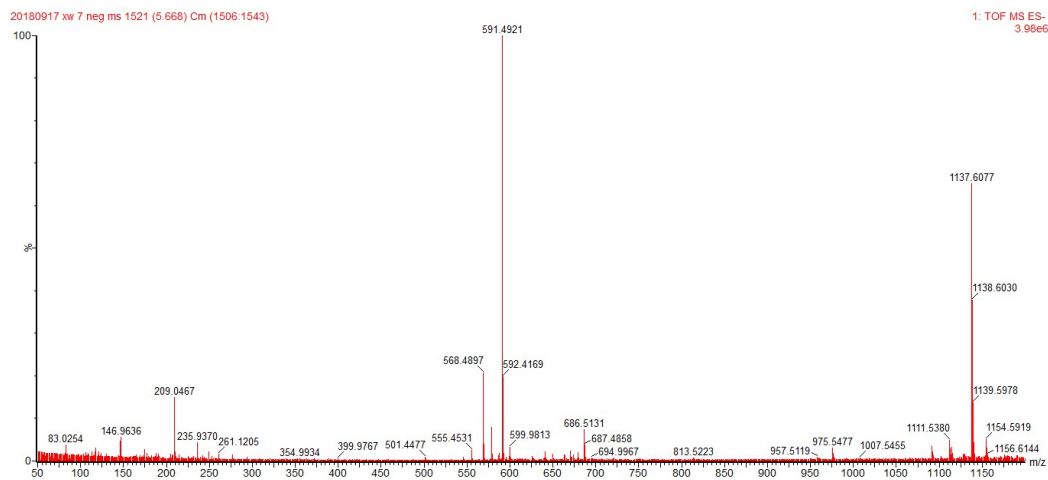
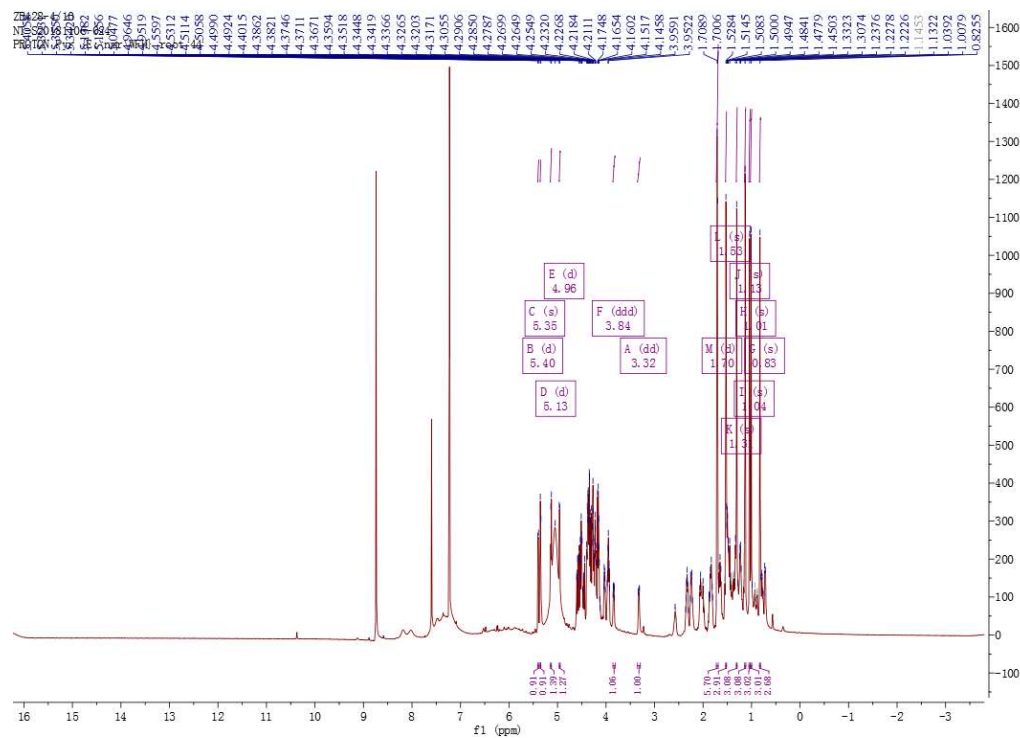


Figure S43. High-resolution electrospray ionization mass spectrum of compound 7



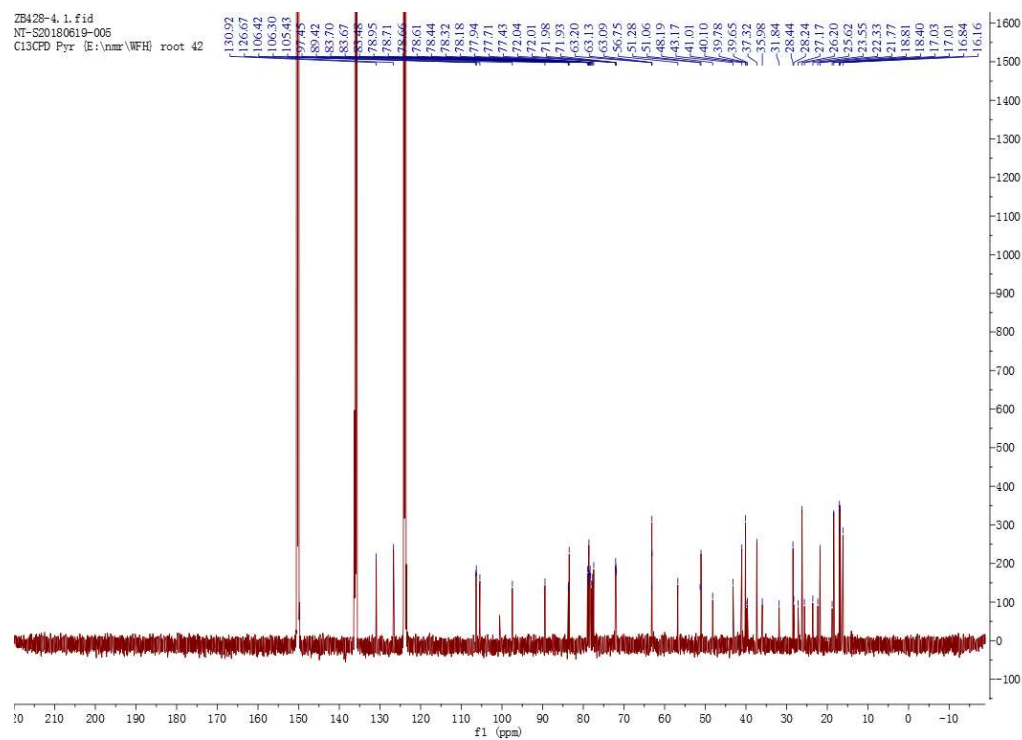


Figure S45. ^{13}C NMR spectrum of compound 7

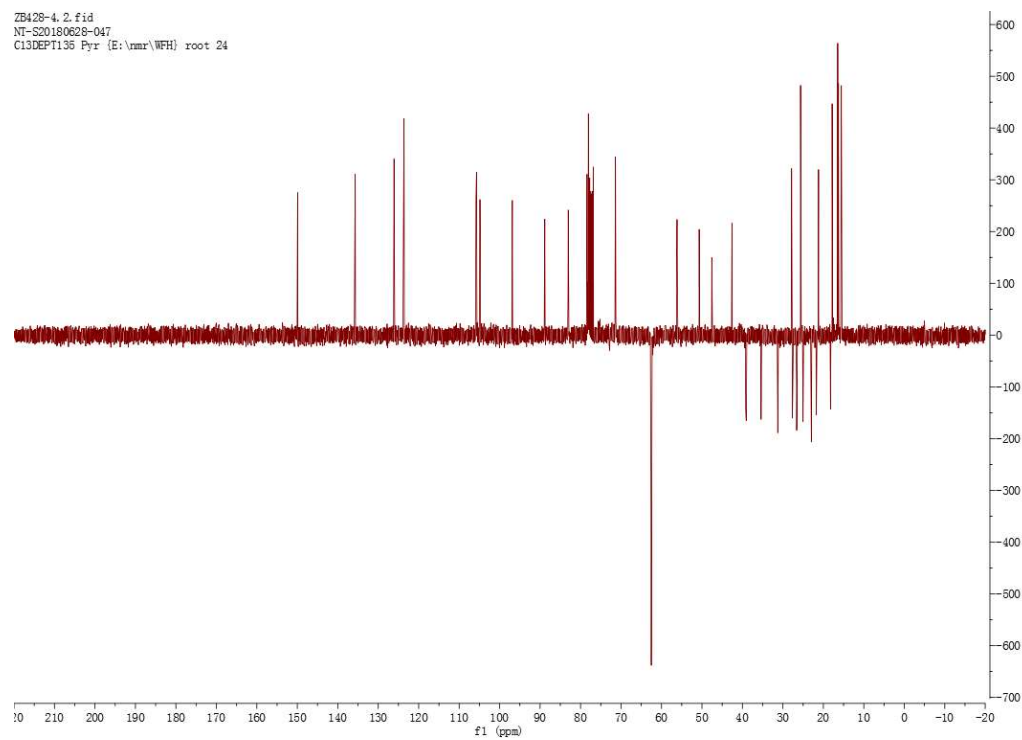


Figure S46. DEPT-135 spectrum of compound 7

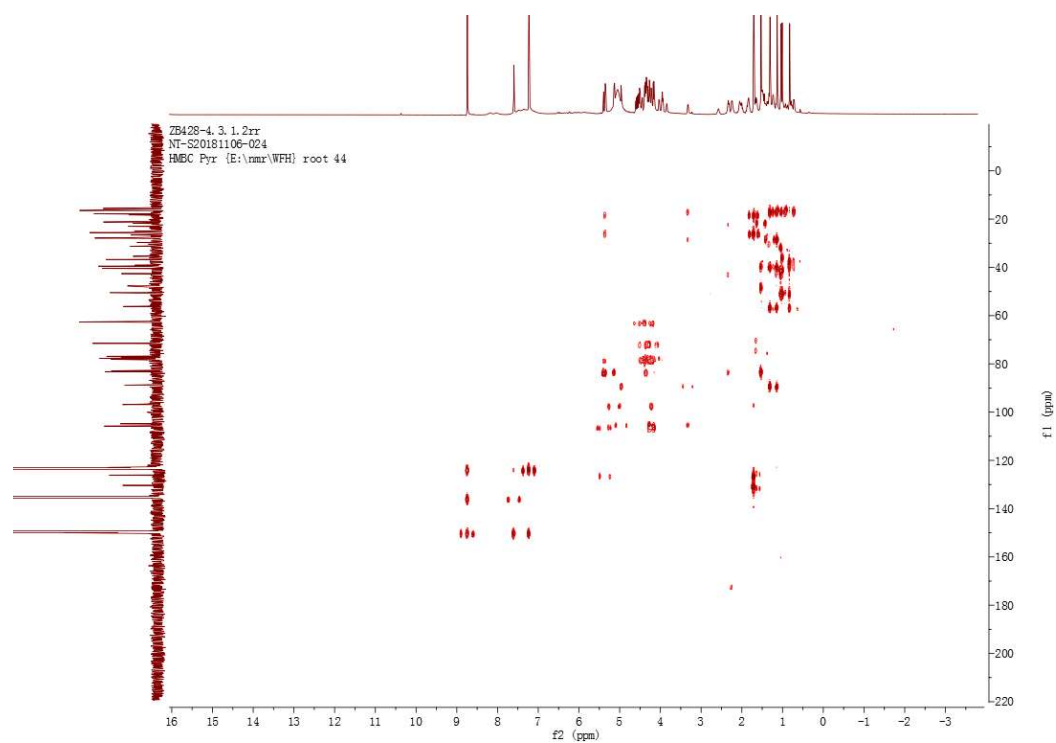


Figure S47. HMQC spectrum of compound 7

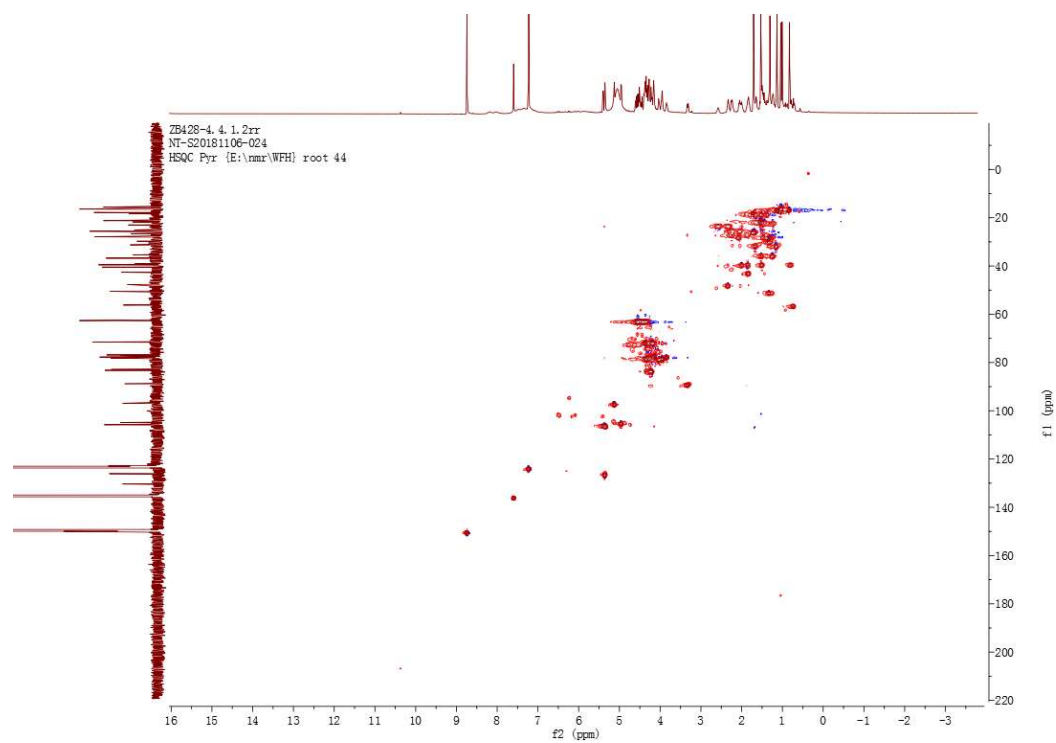


Figure S48. HSQC spectrum of compound 7

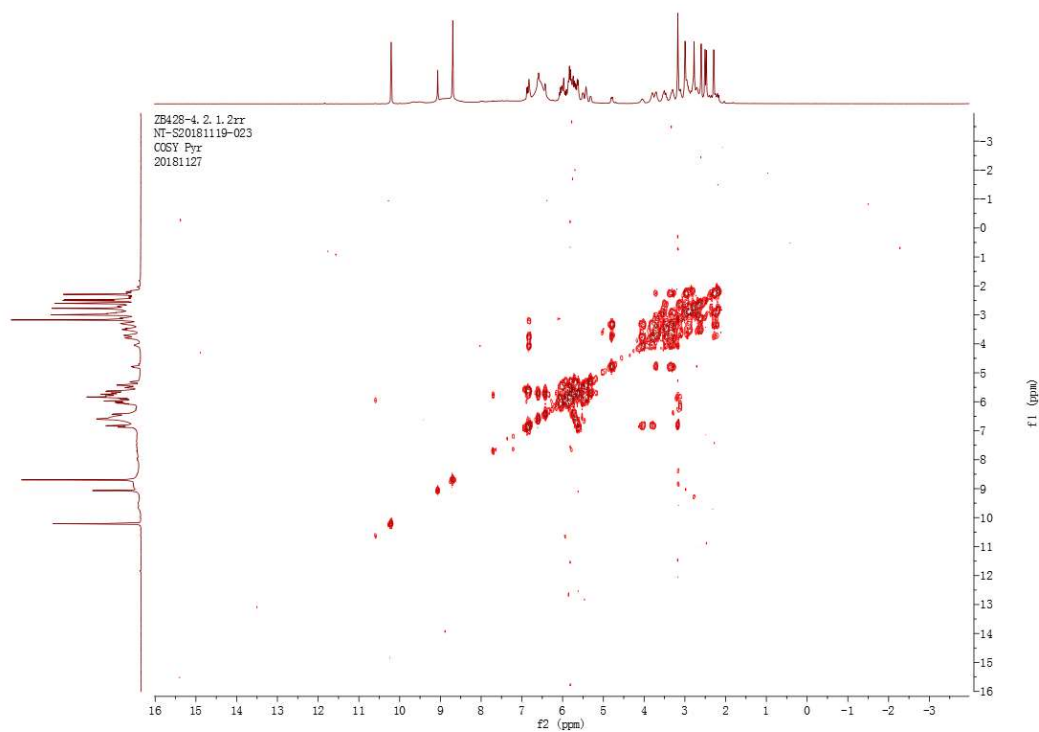


Figure S49. ^1H - ^1H COSY spectrum of compound **7**

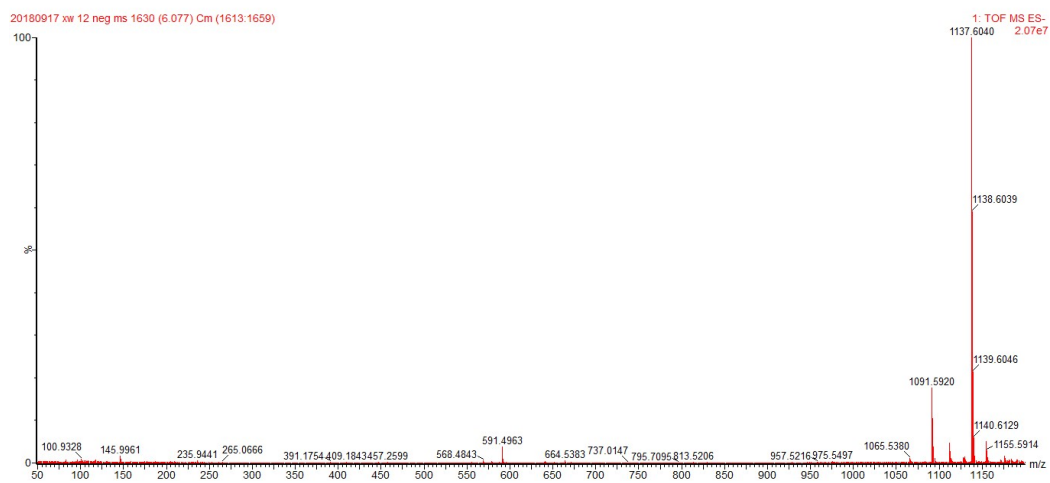
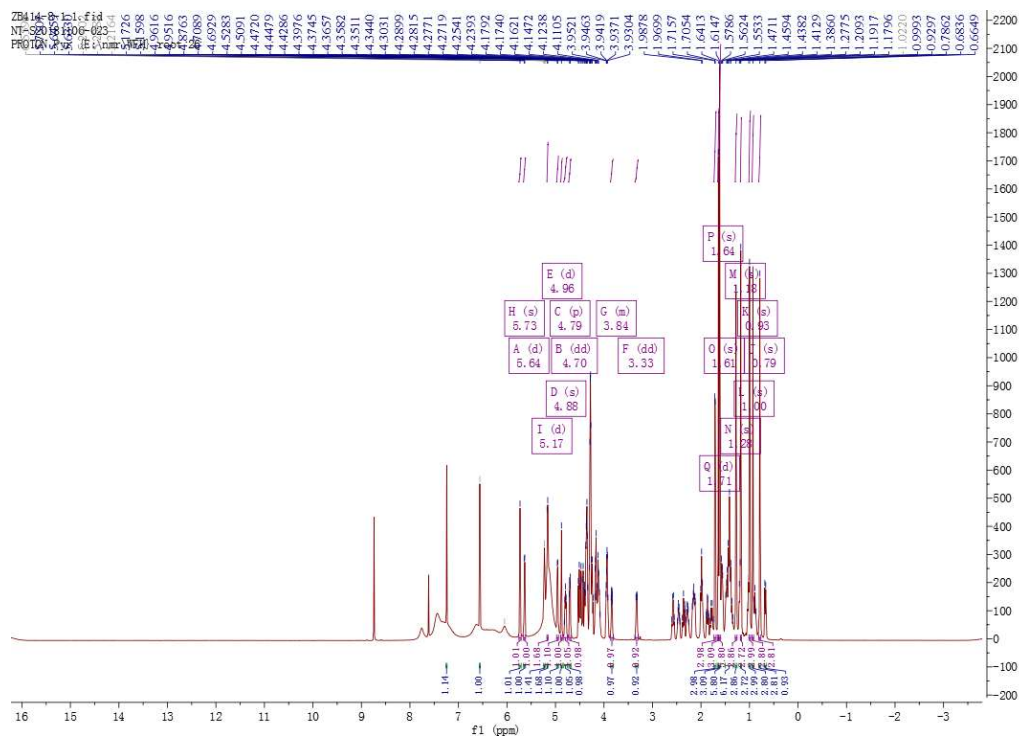


Figure S50. High-resolution electrospray ionization mass spectrum of compound **8**



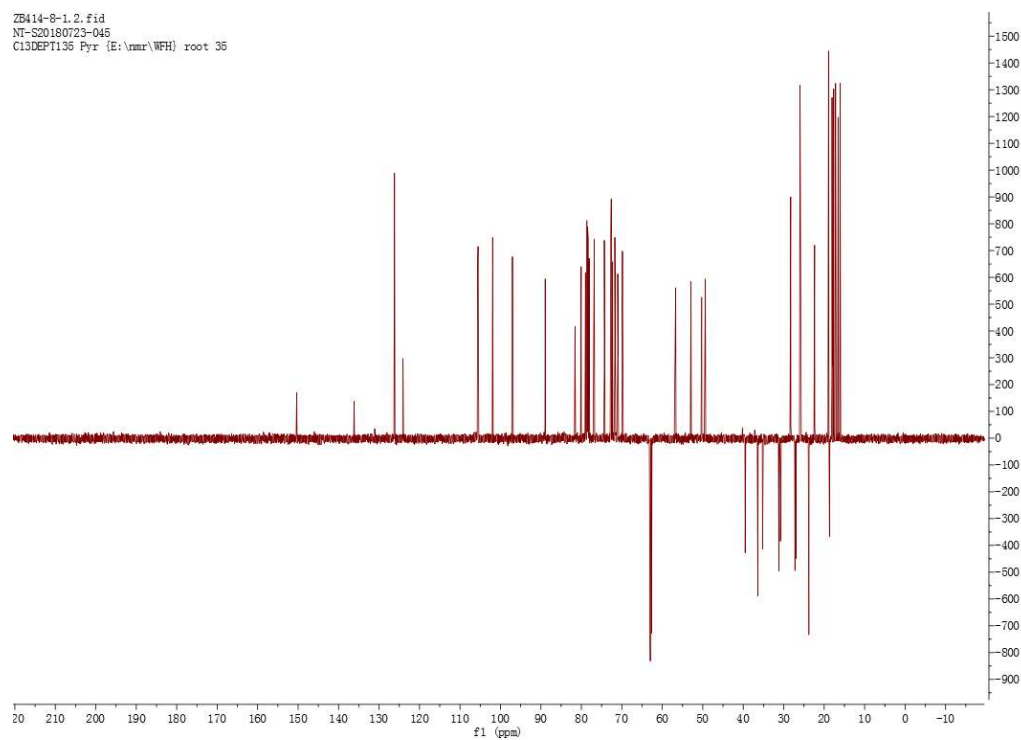


Figure S53. DEPT-135 spectrum of compound 8

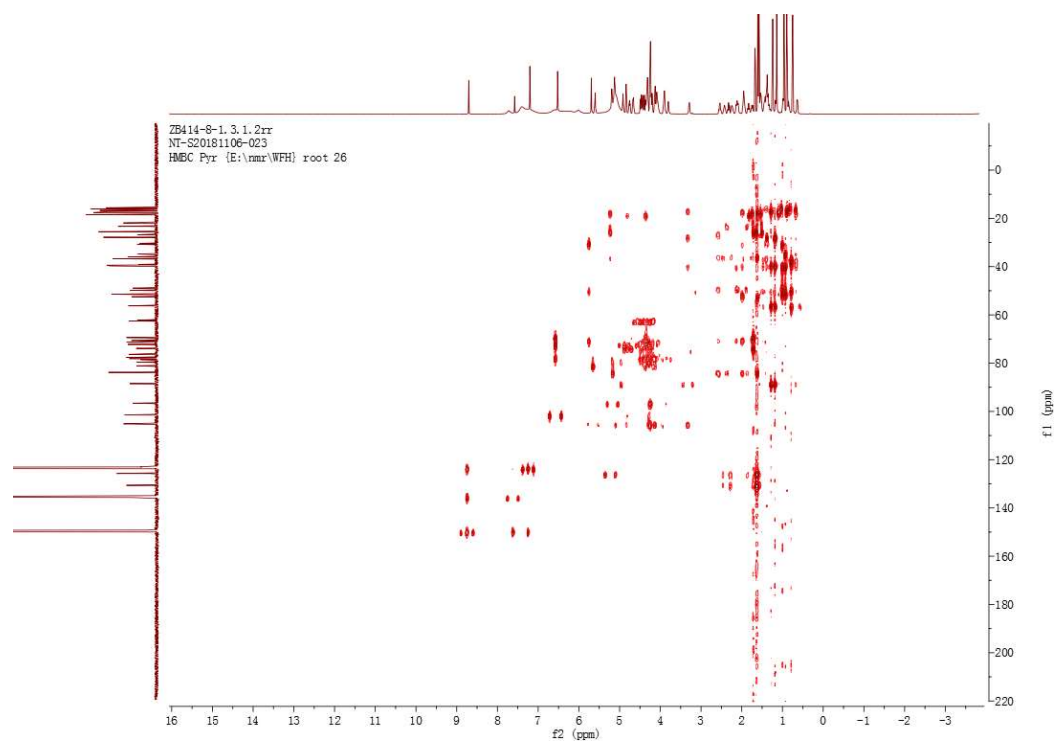


Figure S54. HMBC spectrum of compound 8

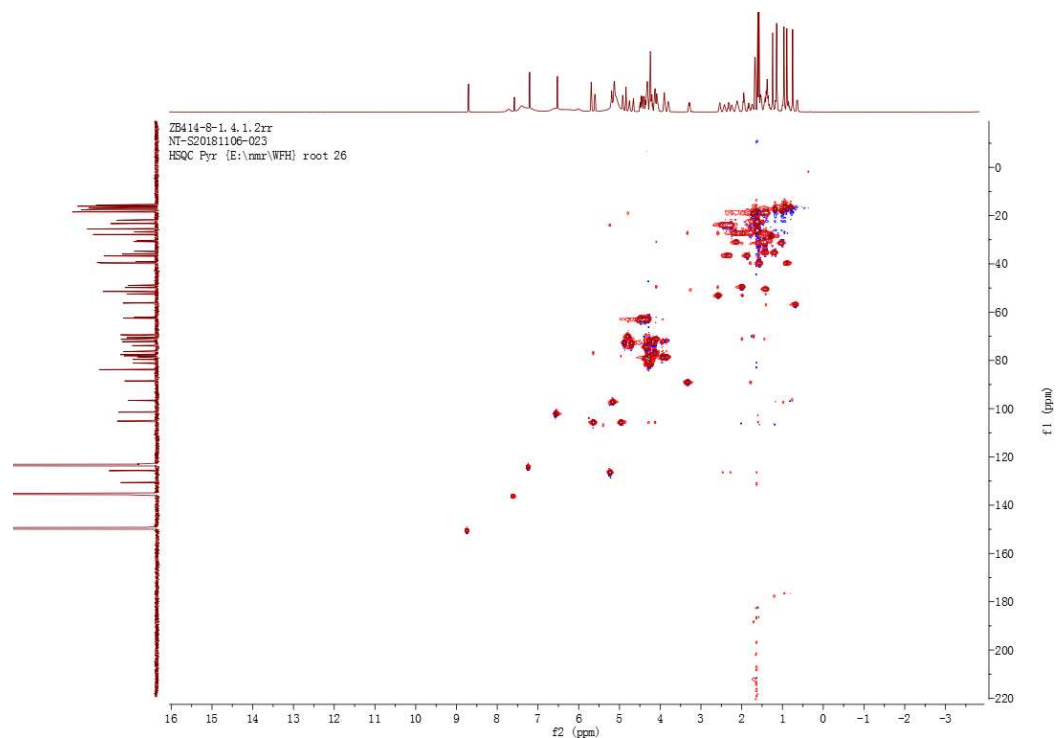


Figure S55. HSQC spectrum of compound 8

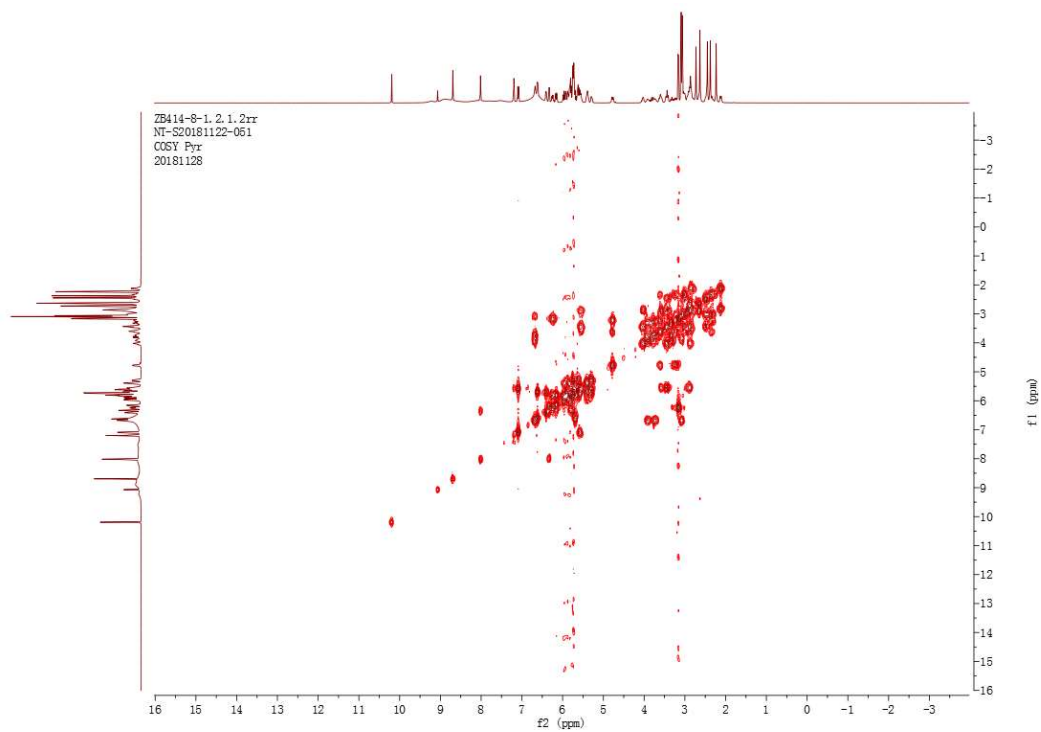


Figure S56. ^1H - ^1H COSY spectrum of compound 8

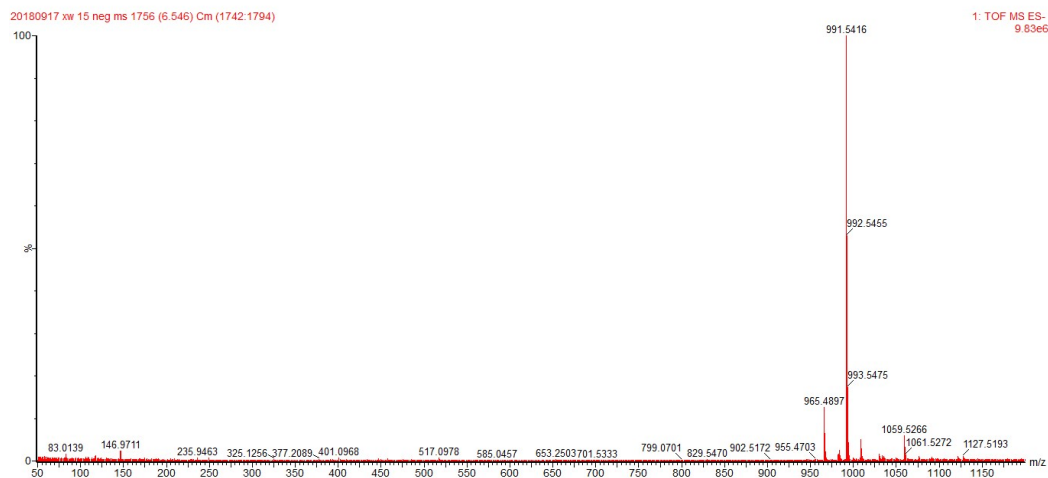


Figure S57. High-resolution electrospray ionization mass spectrum of compound **9**

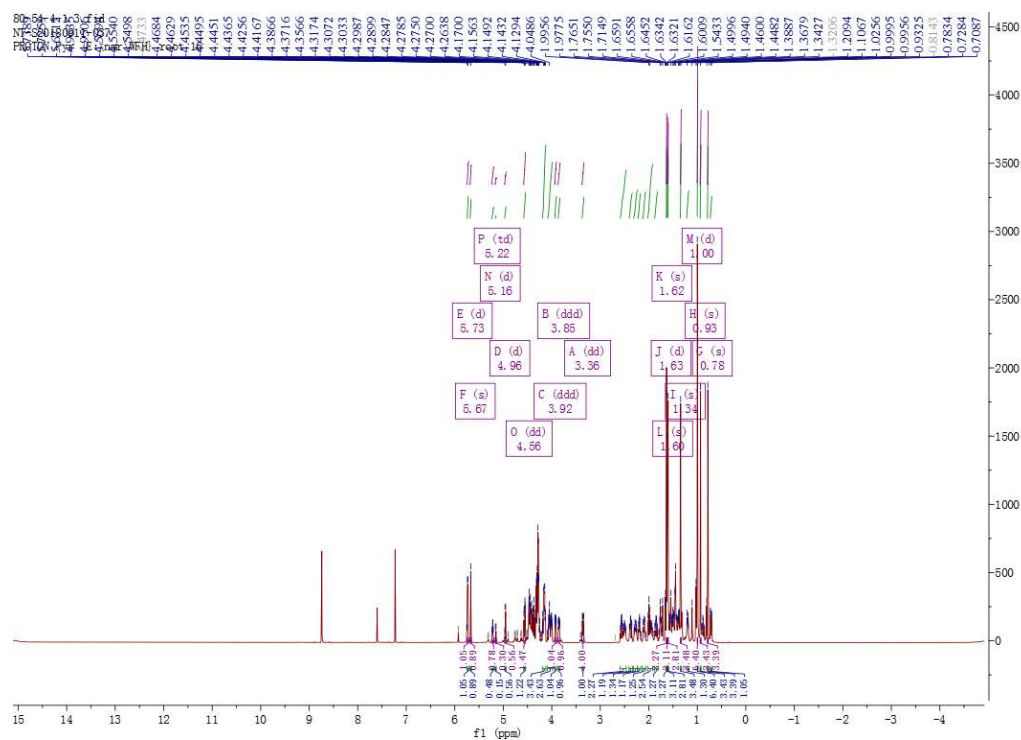


Figure S58. ¹H NMR spectrum of compound **9**

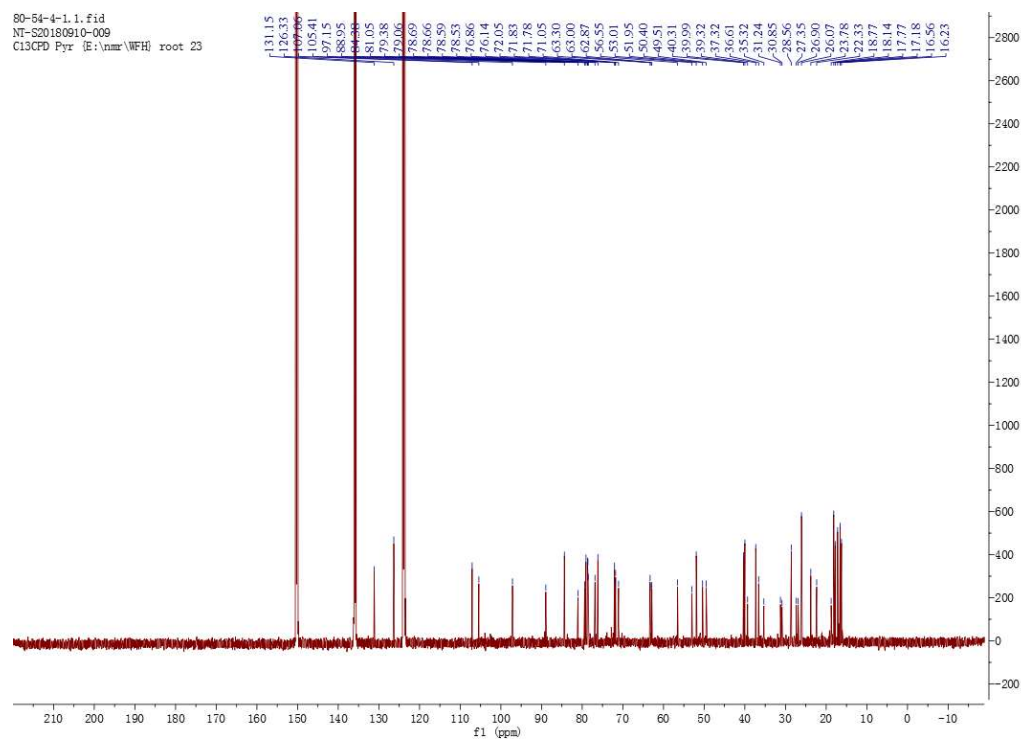


Figure S59. ^{13}C NMR spectrum of compound 9

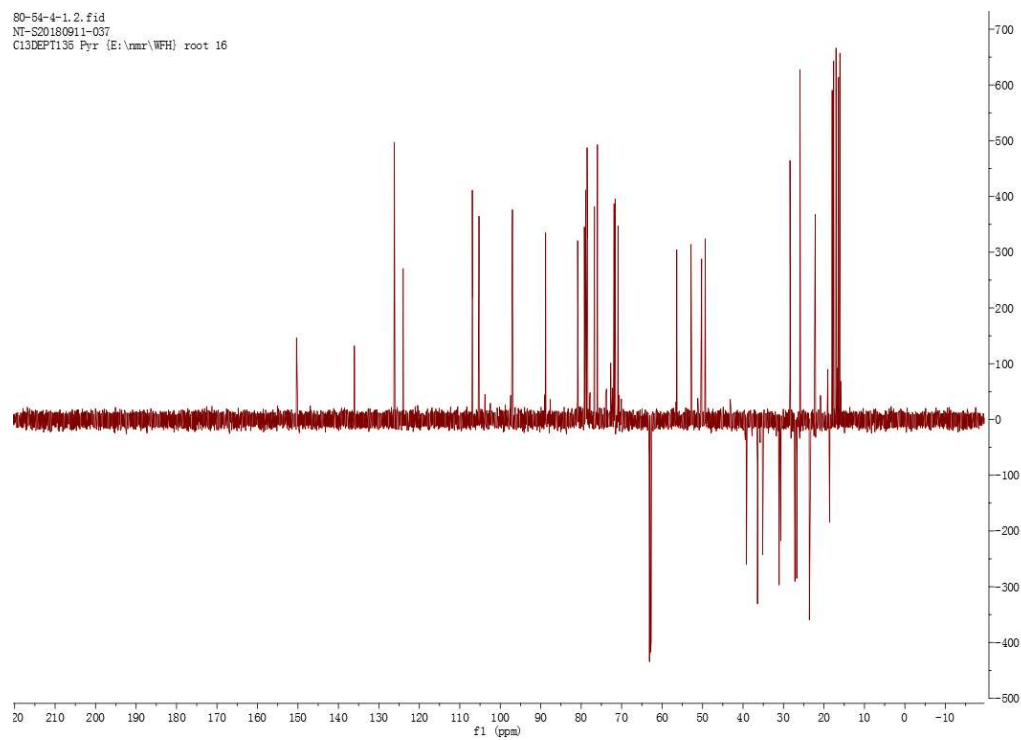


Figure S60. DEPT-135 spectrum of compound 9

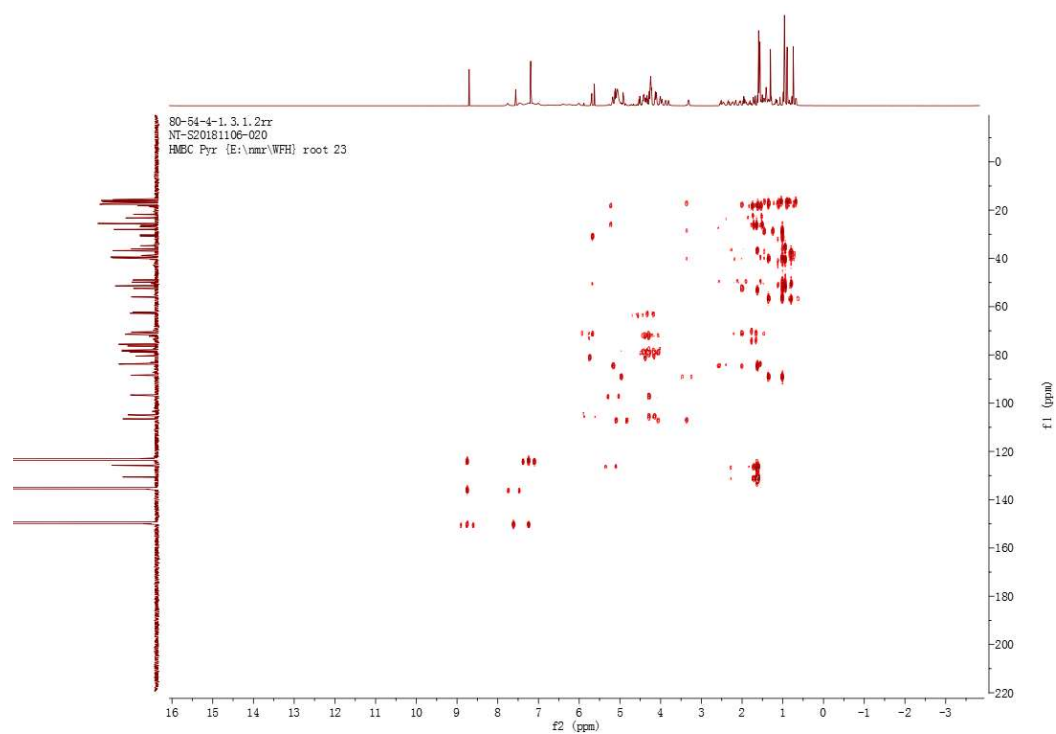


Figure S61. HMBC spectrum of compound 9

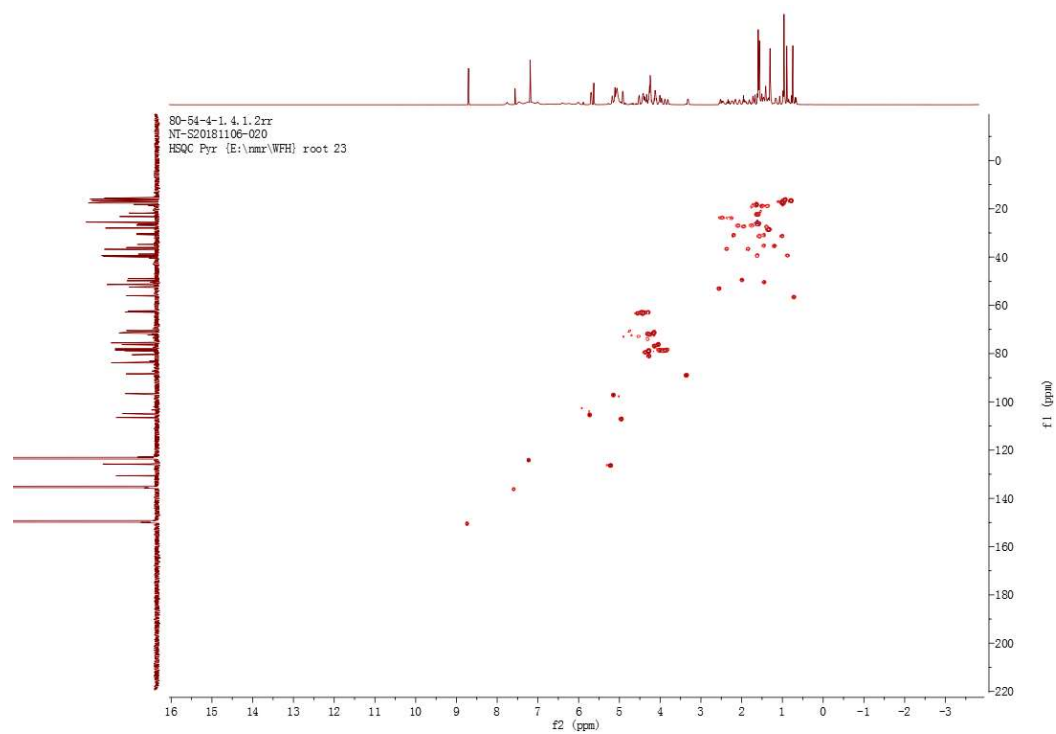


Figure S62. HSQC spectrum of compound 9

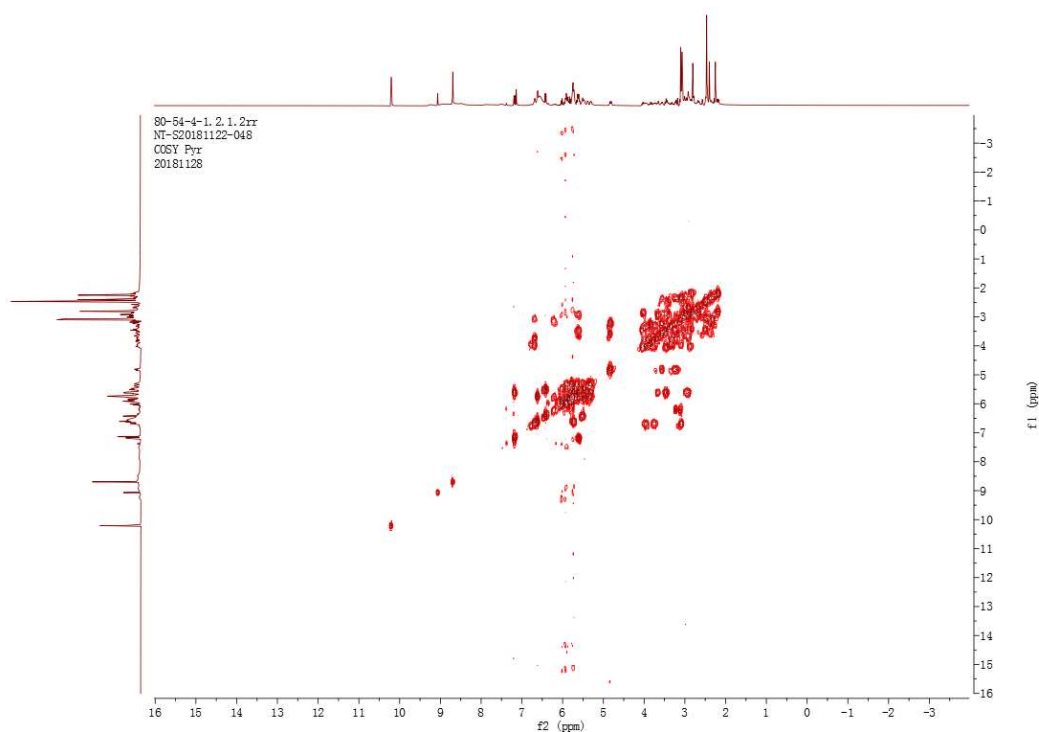


Figure S63. ^1H - ^1H COSY spectrum of compound **9**

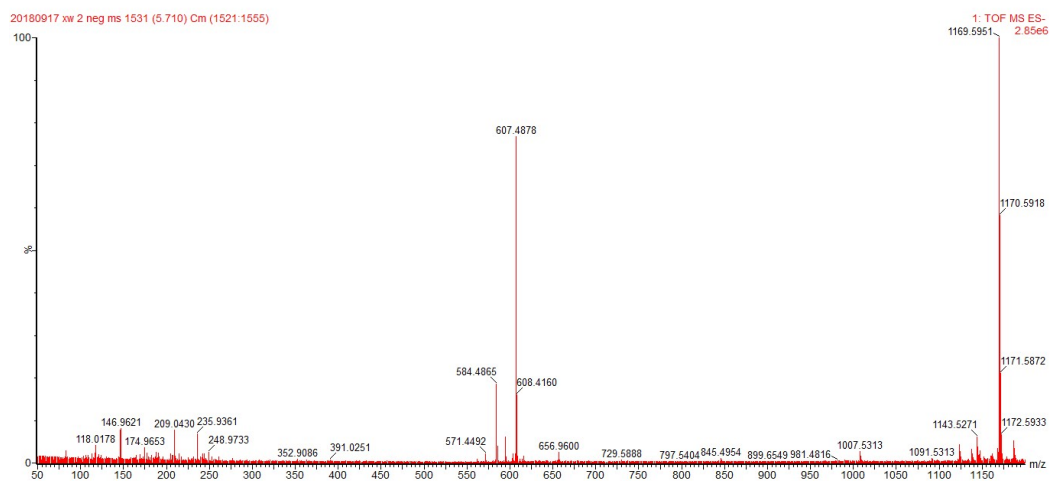


Figure S64. High-resolution electrospray ionization mass spectrum of compound **10**

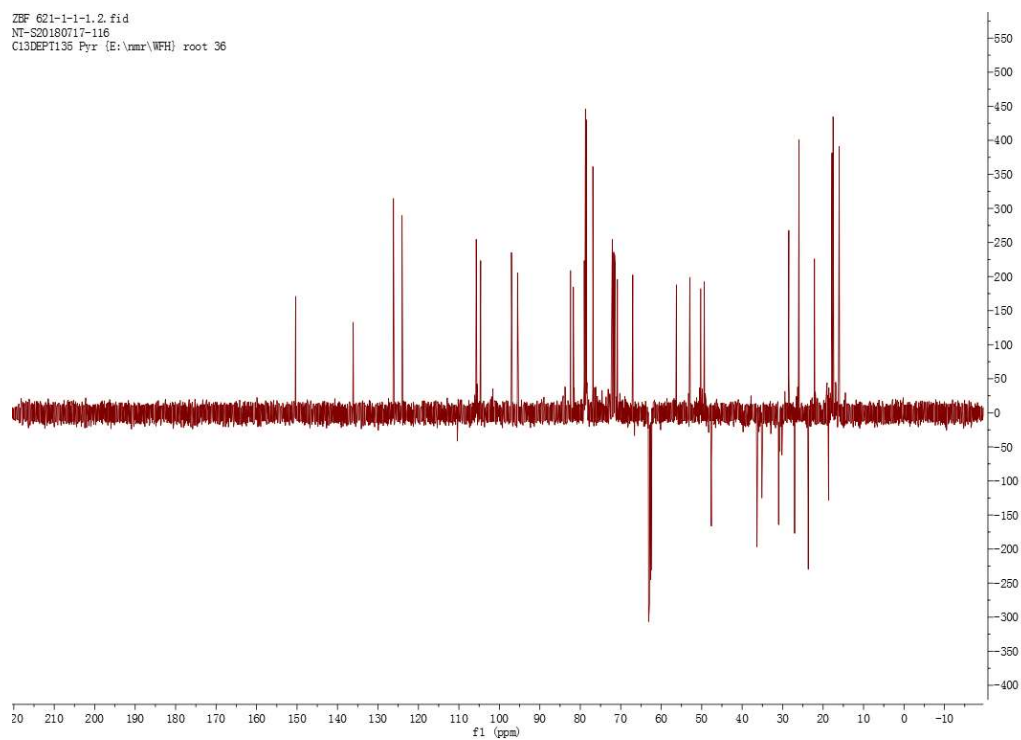


Figure S67. DEPT-135 spectrum of compound 10

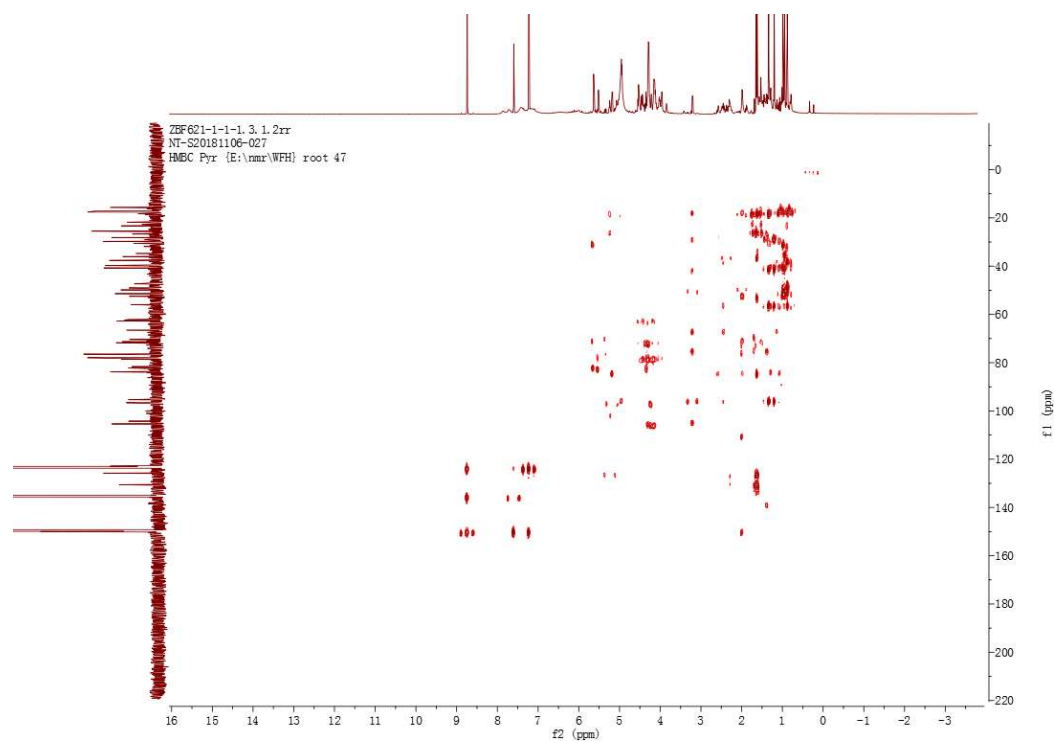


Figure S68. HMBC spectrum of compound 10

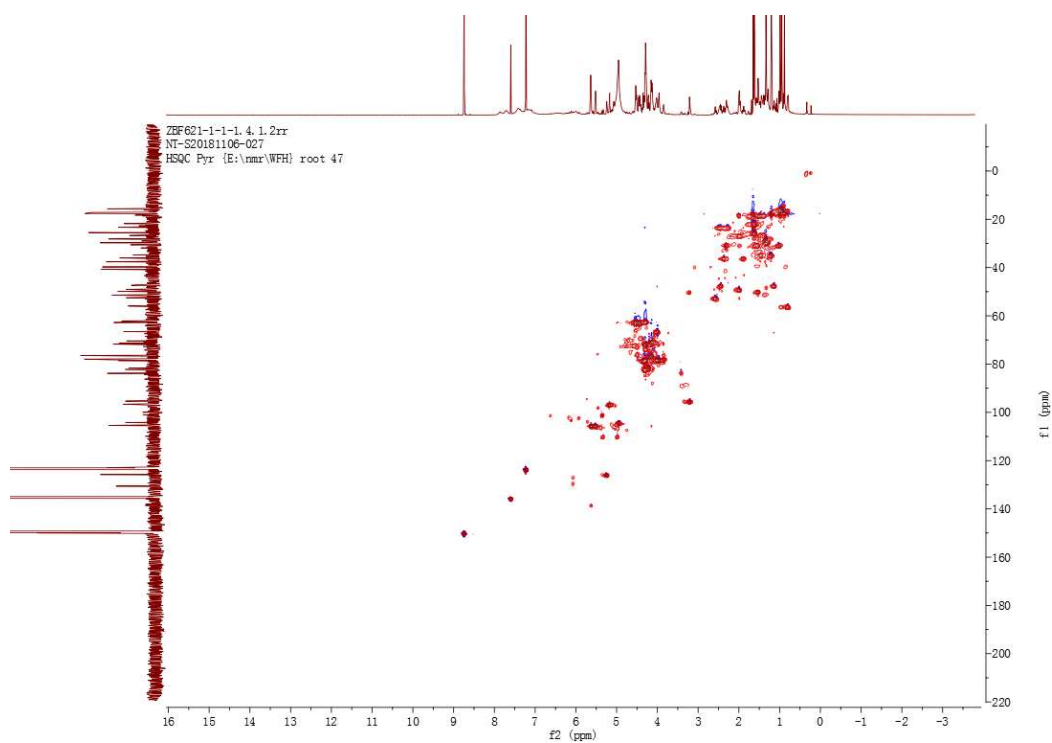


Figure S69. HSQC spectrum of compound 10

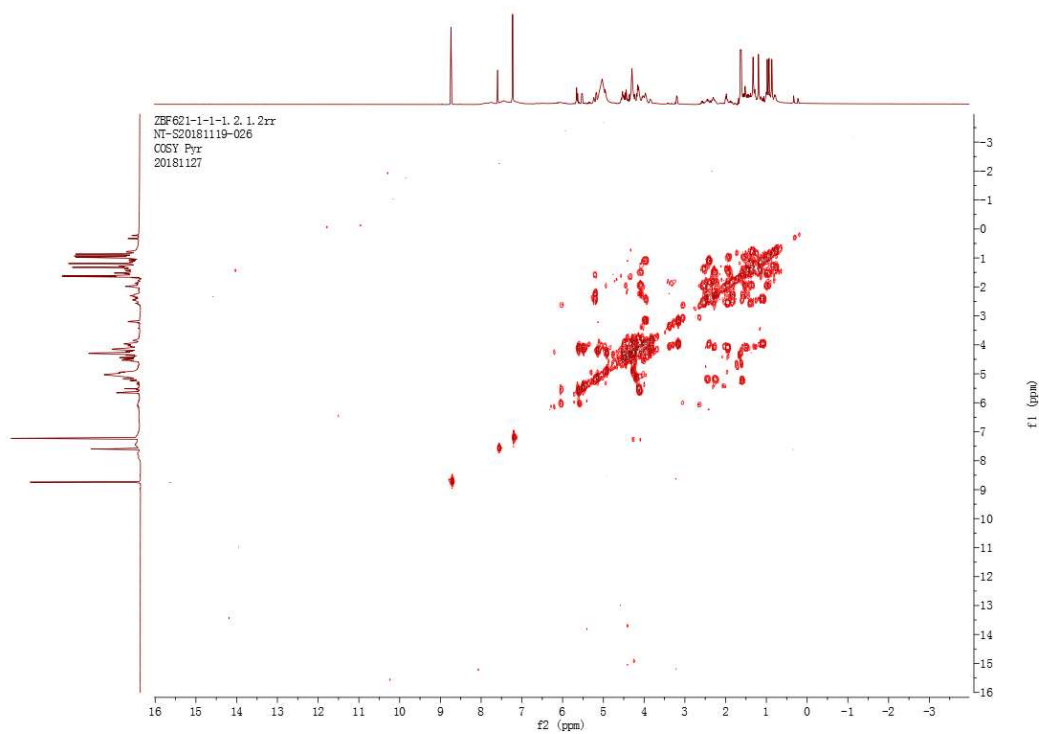


Figure S70. ^1H - ^1H COSY spectrum of compound 10

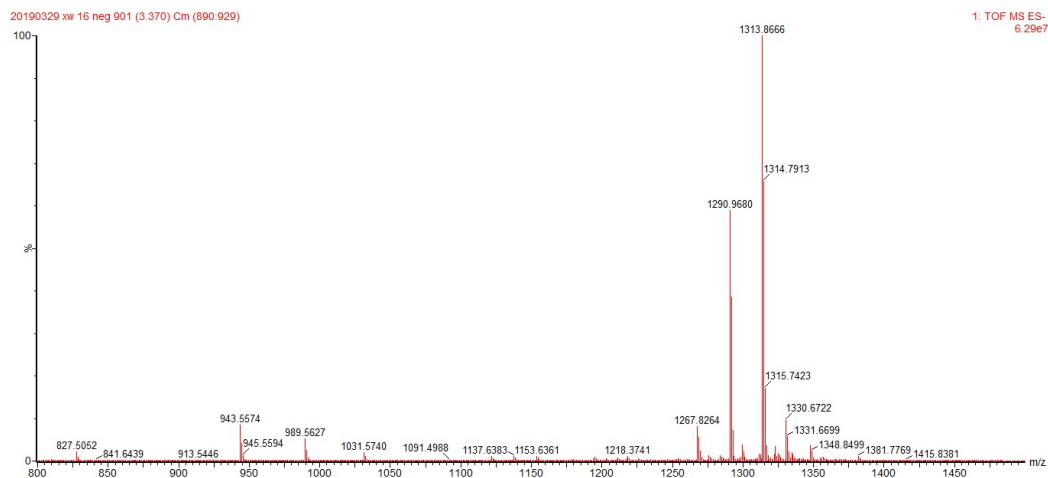


Figure S71. High-resolution electrospray ionization mass spectrum of compound 11

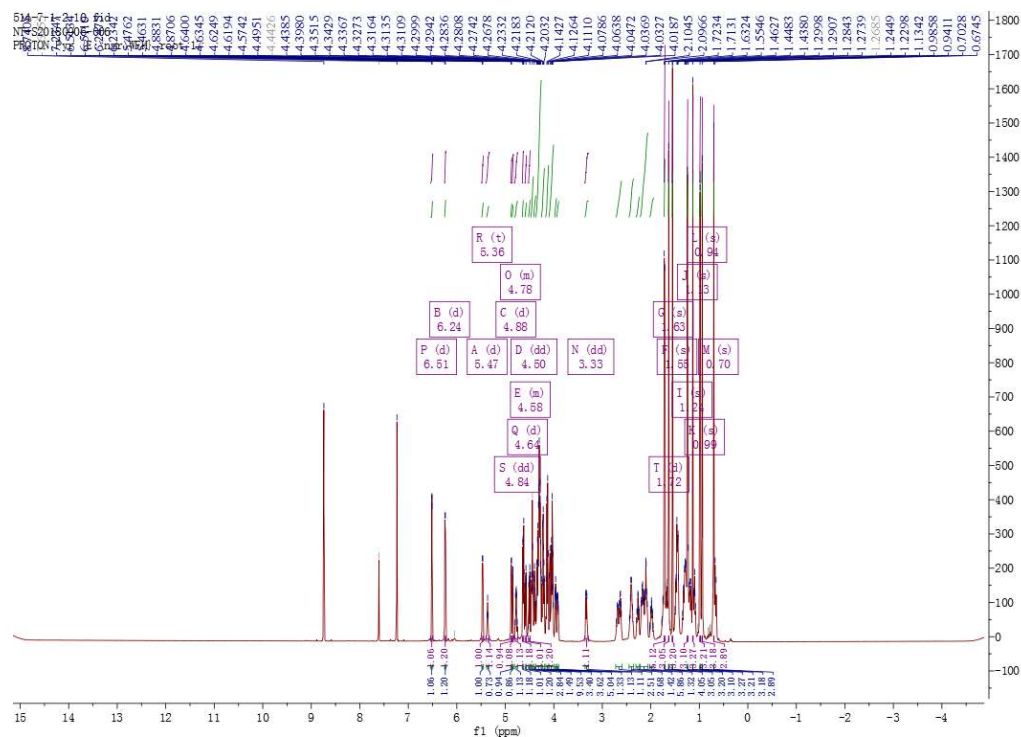


Figure S72. ¹H NMR spectrum of compound 11

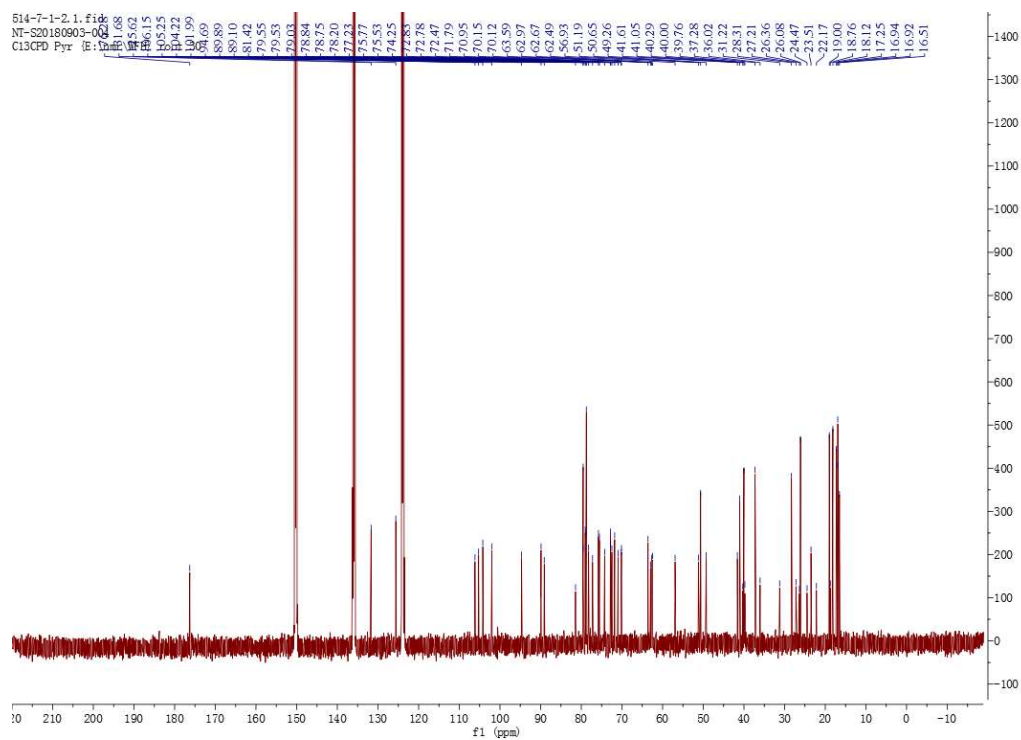


Figure S73. ^{13}C NMR spectrum of compound **11**

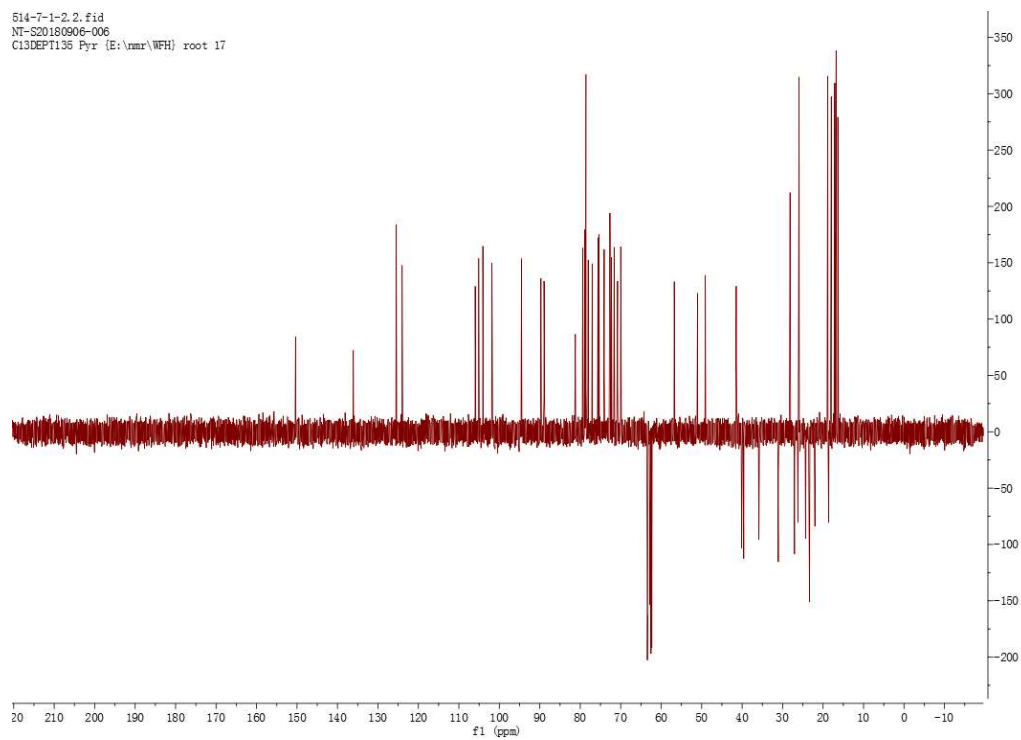


Figure S74. DEPT-135 spectrum of compound **11**

