

Supplementary Material

Aromatic Polyketides from the Deep-Sea Cold-Seep Mussel Associated Endozoic Fungus *Talaromyces minioluteus* CS-138

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

20210412-CS138-71_210412110711 #56-60 RT: 0.88-0.94 AV: 5 NL: 2.64E6
T: FTMS - p ESI: sid=40.00 Full ms [150.00-1000.00]

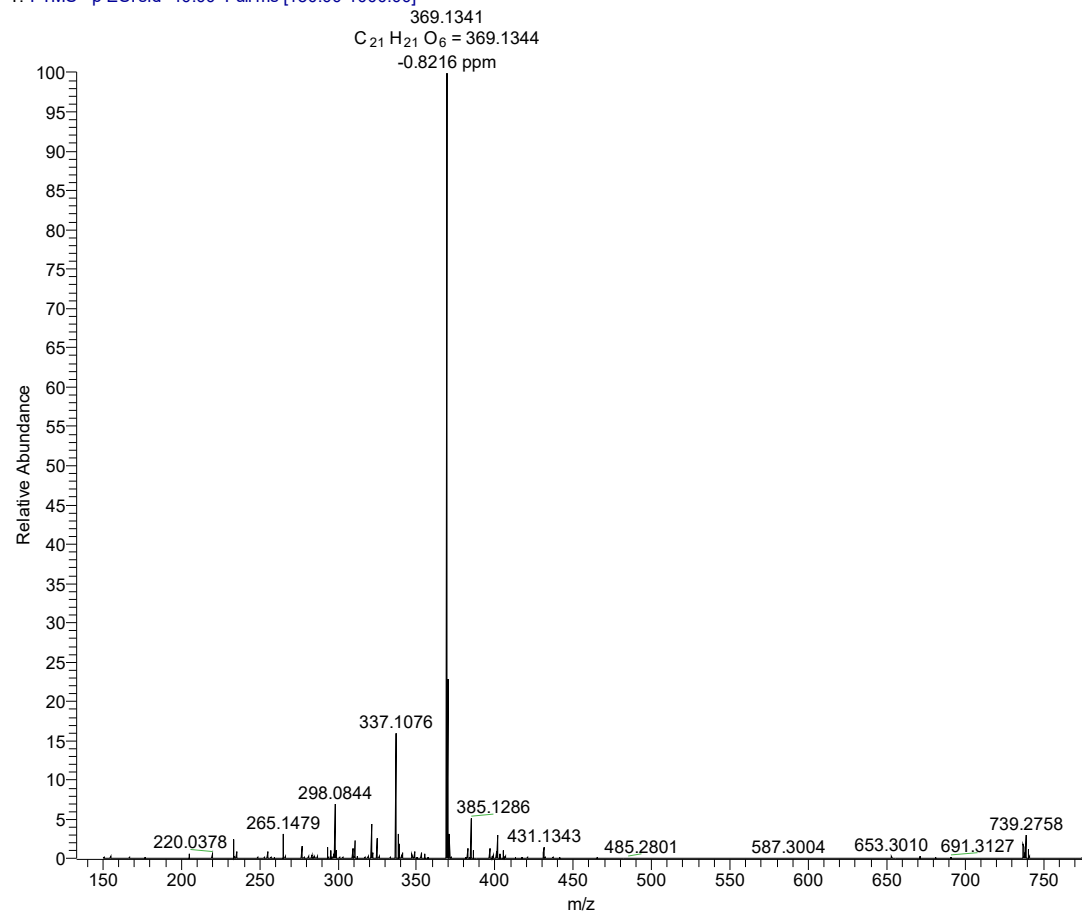


Figure S2. ^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of compound **1**.

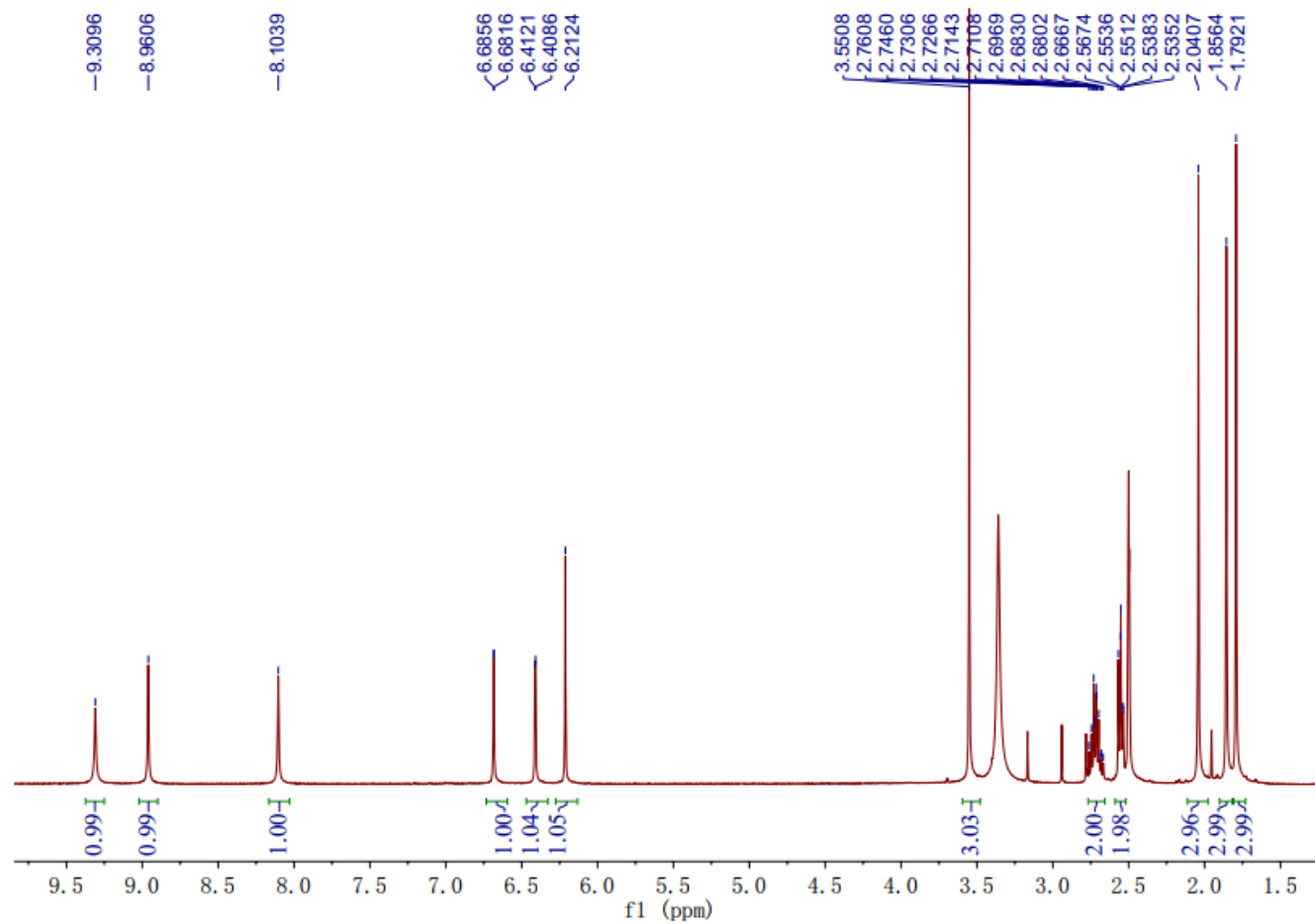


Figure S3. ^{13}C NMR (125 MHz, $\text{DMSO-}d_6$) and DEPT spectra of compound **1**.

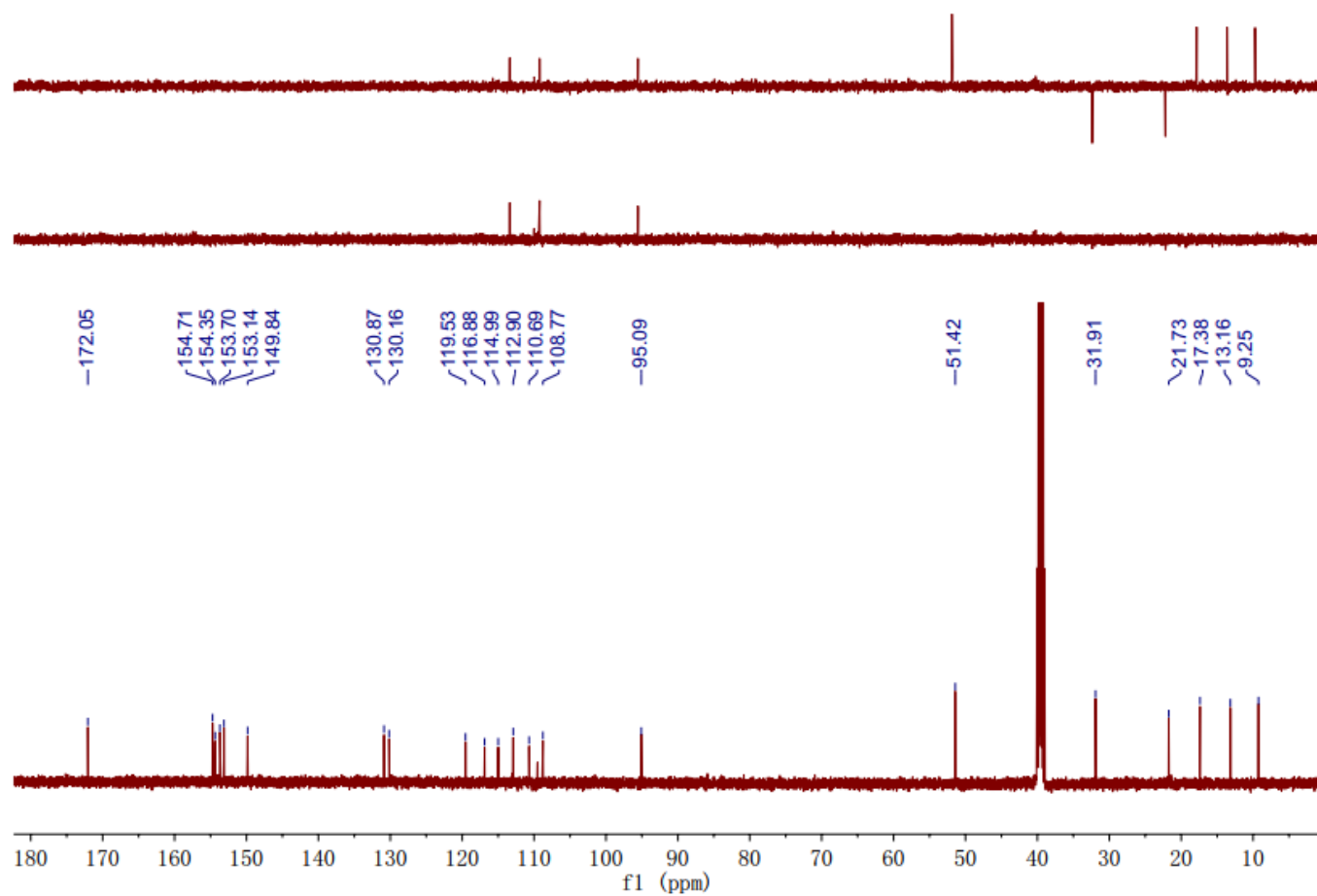


Figure S4. COSY spectrum of compound **1**.

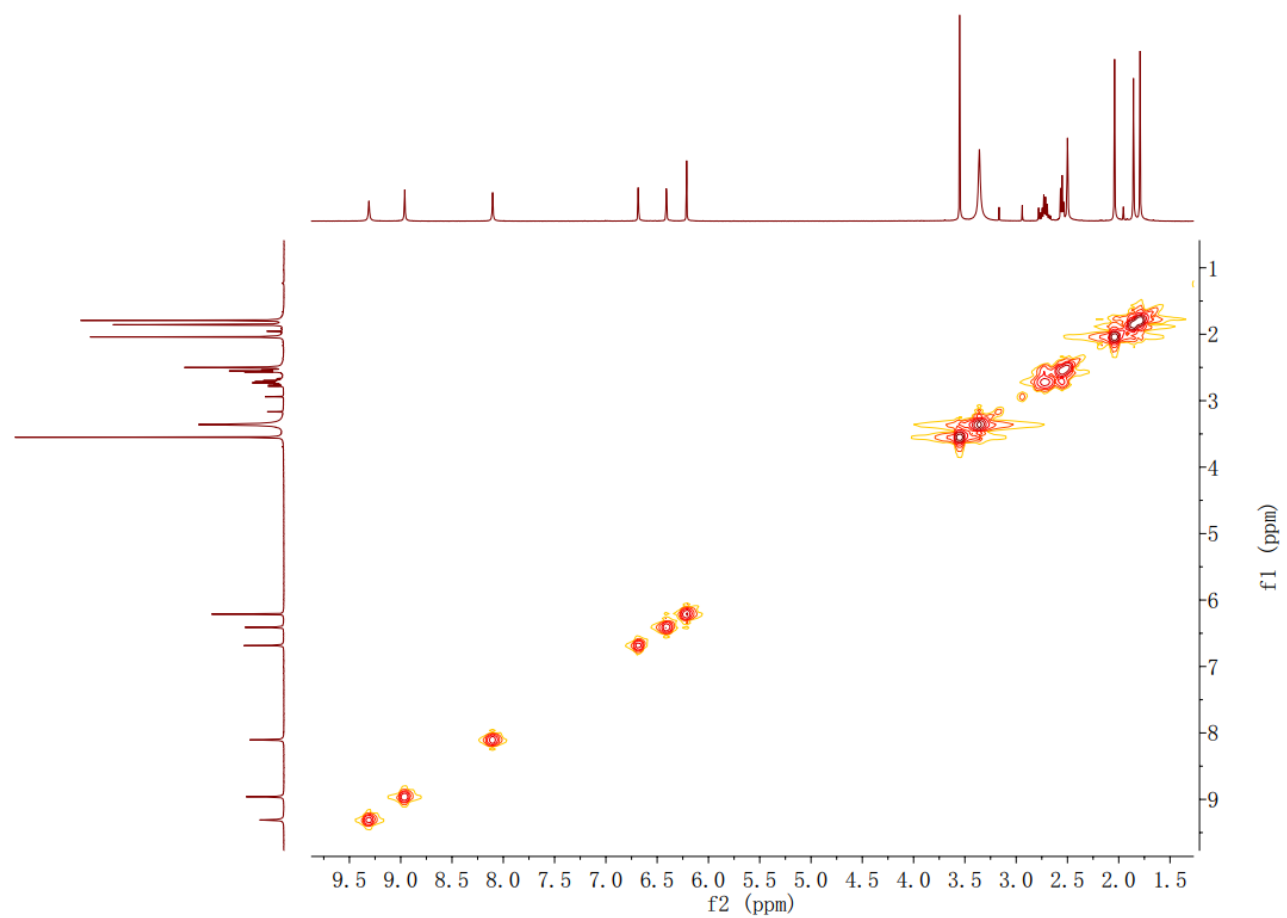


Figure S5. HSQC spectrum of compound **1**.

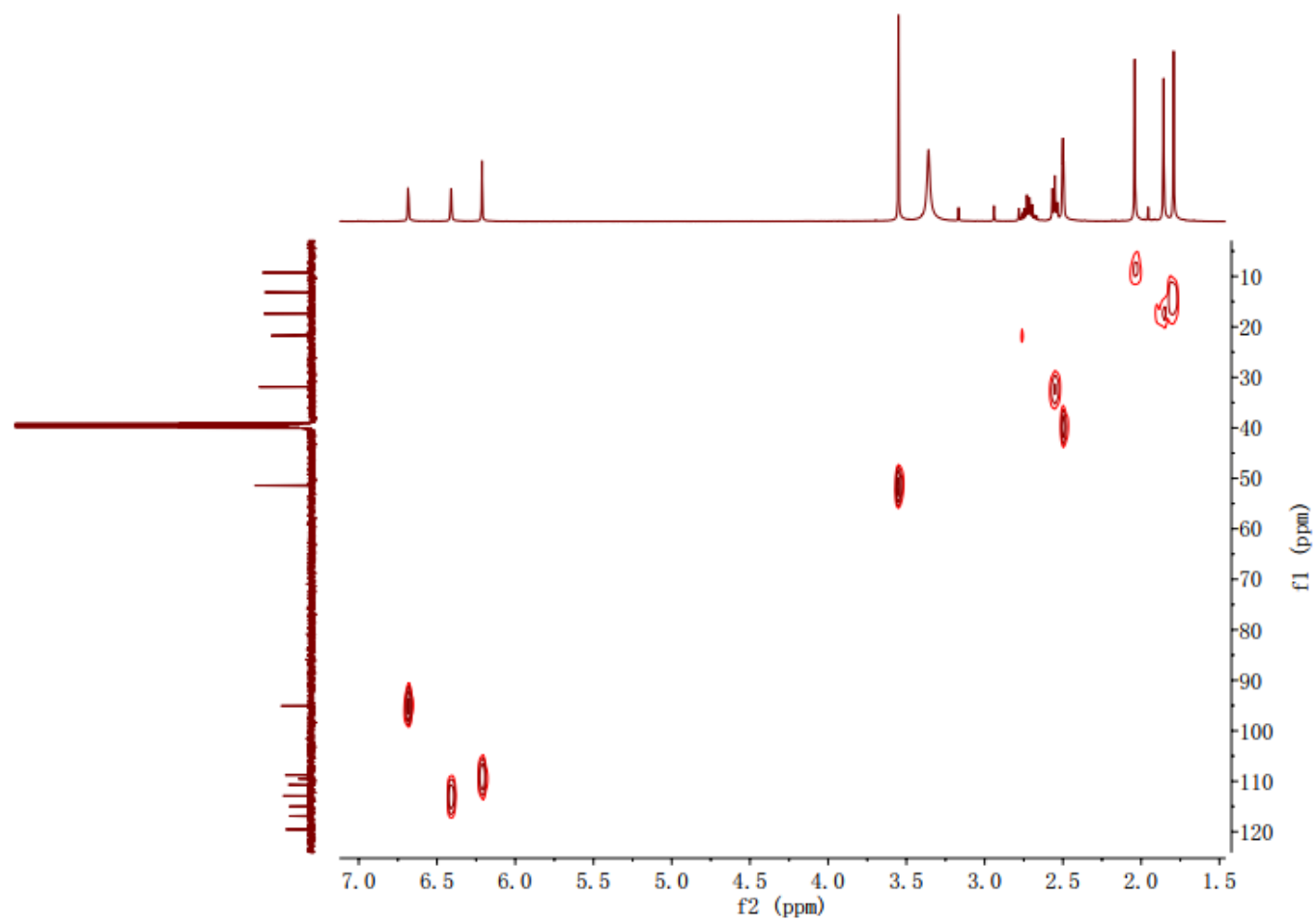


Figure S6. HMBC spectrum of compound **1**.

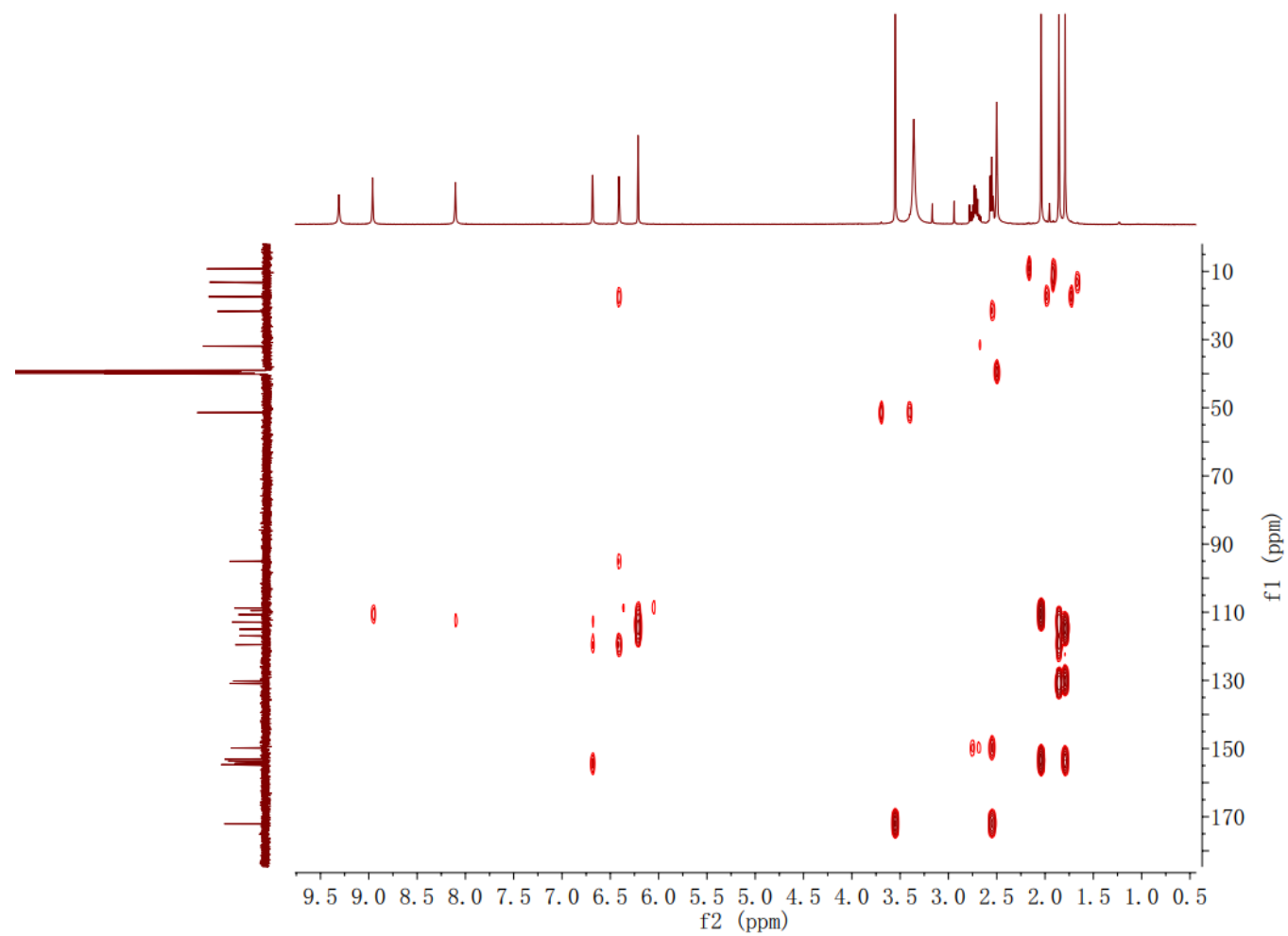


Figure S7. HRESIMS spectrum of compound 2.

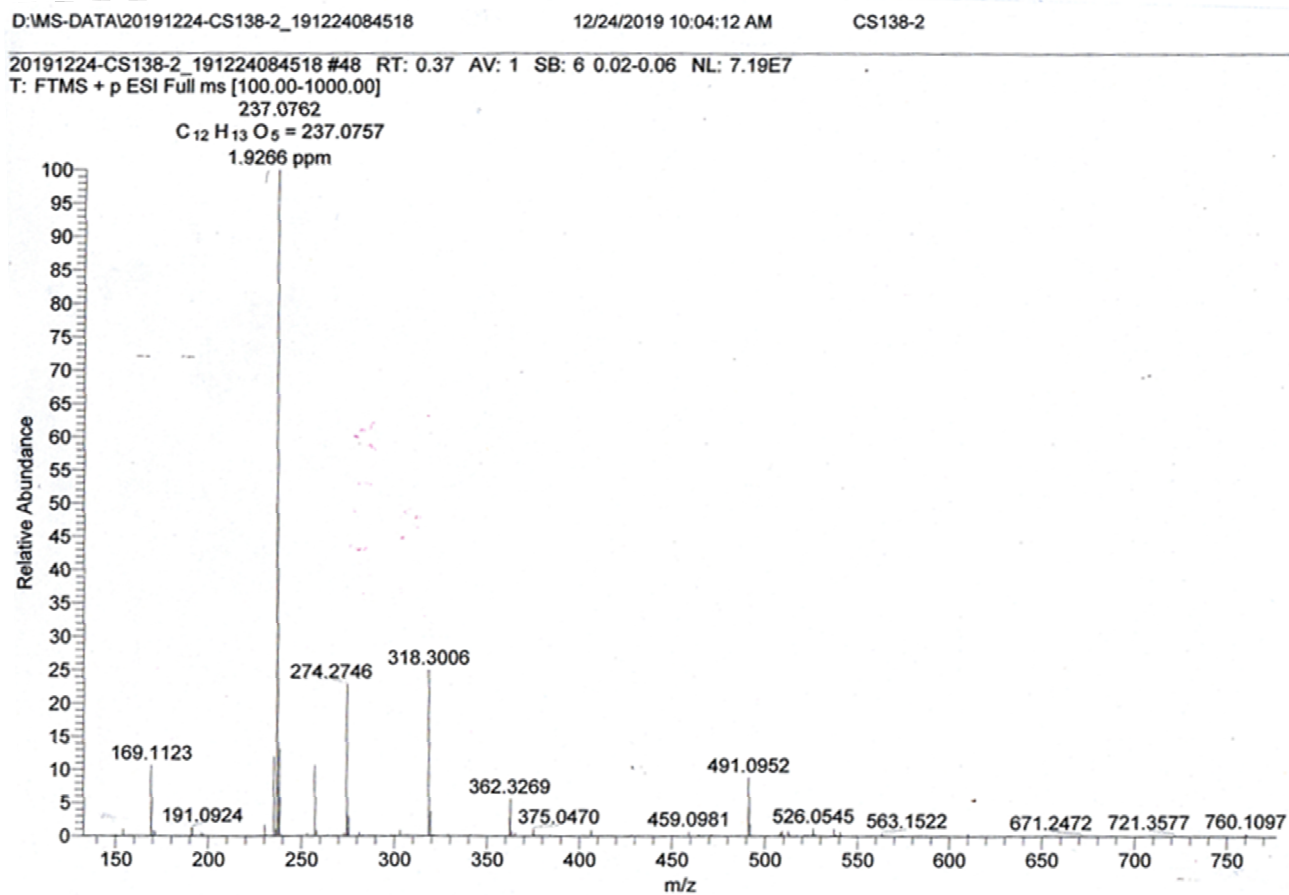


Figure S8. ^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of compound **2**.

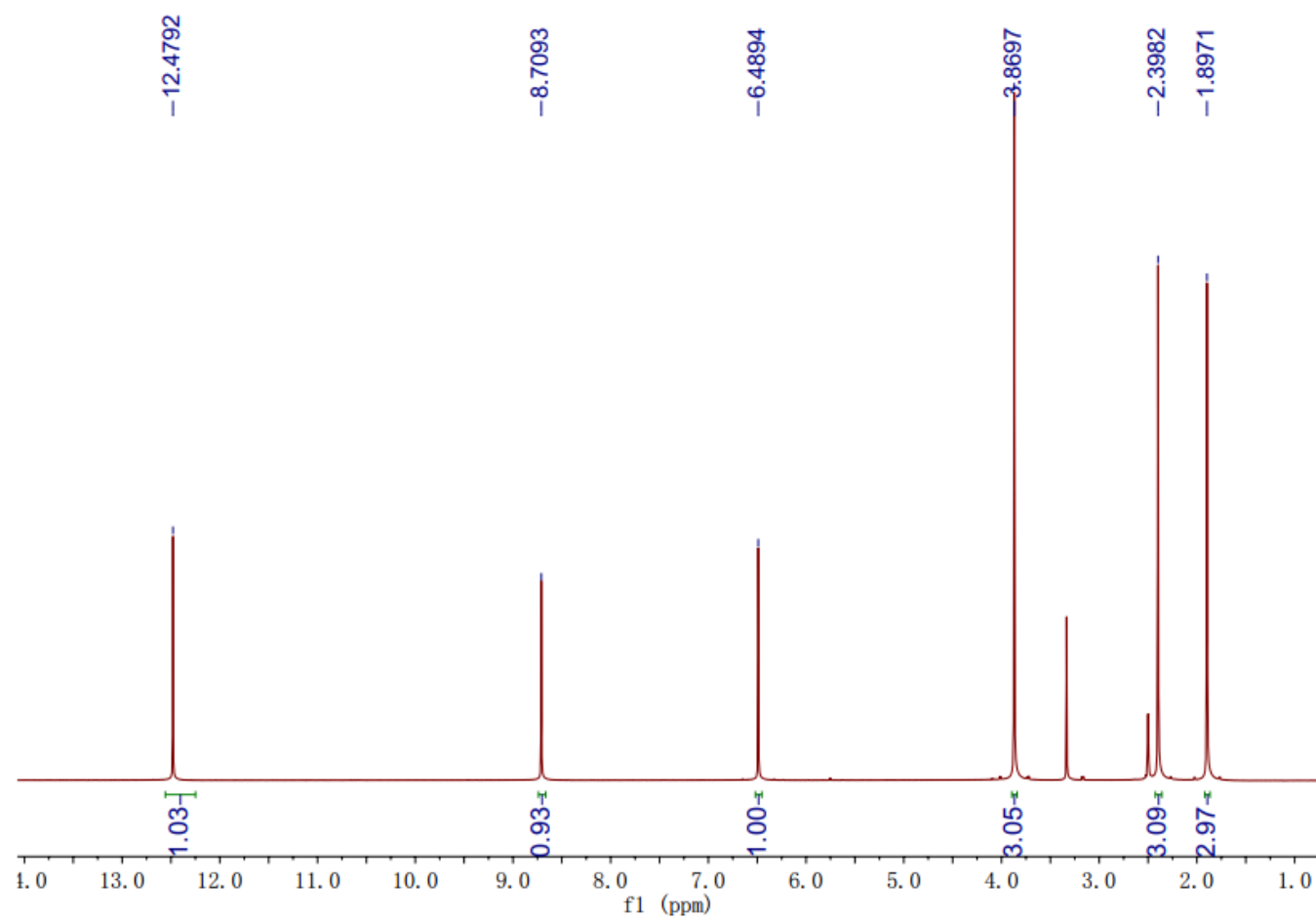


Figure S9. ^{13}C NMR (125 MHz, $\text{DMSO-}d_6$) and DEPT spectra of compound **2**.

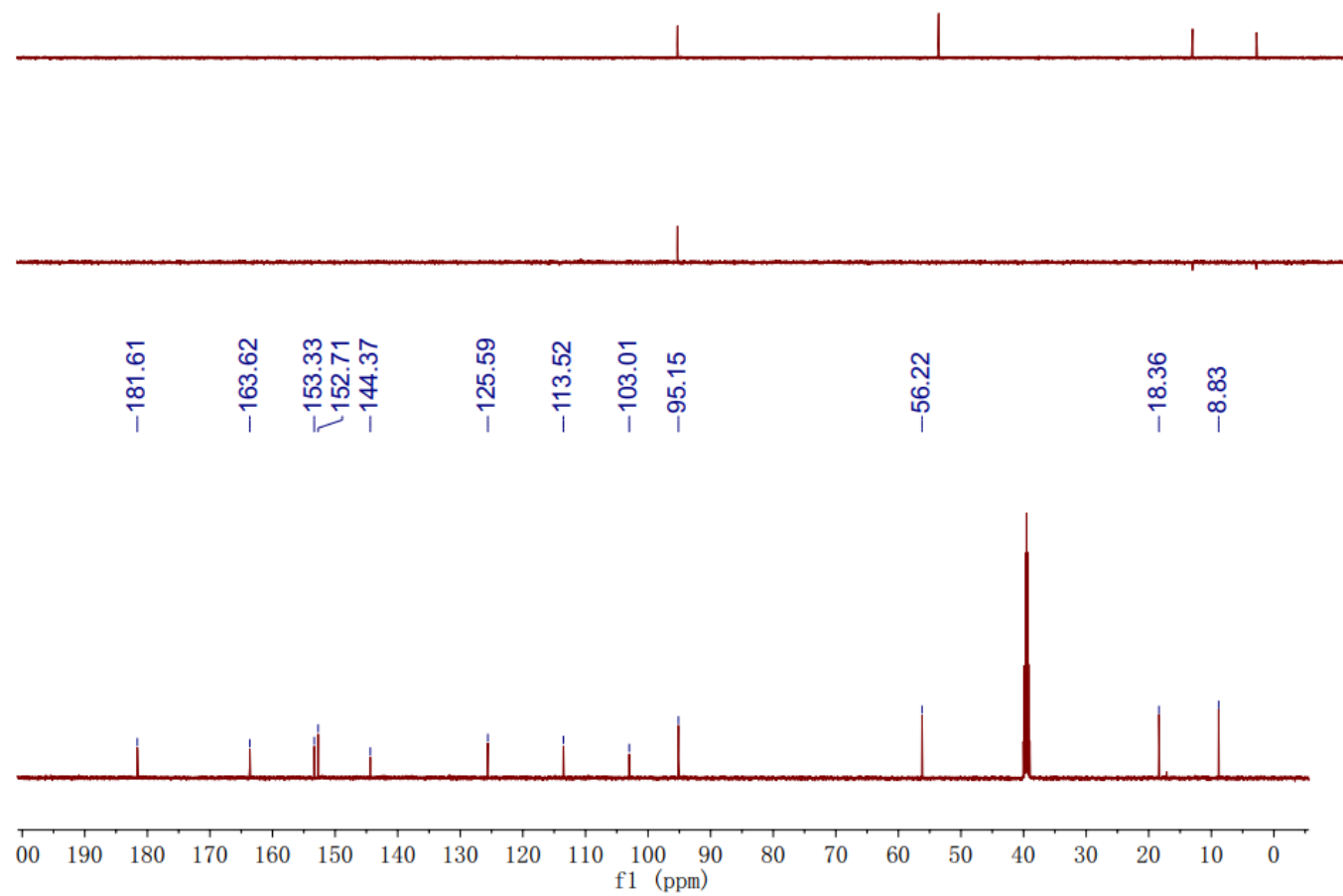


Figure S10. HSQC spectrum of compound 2.

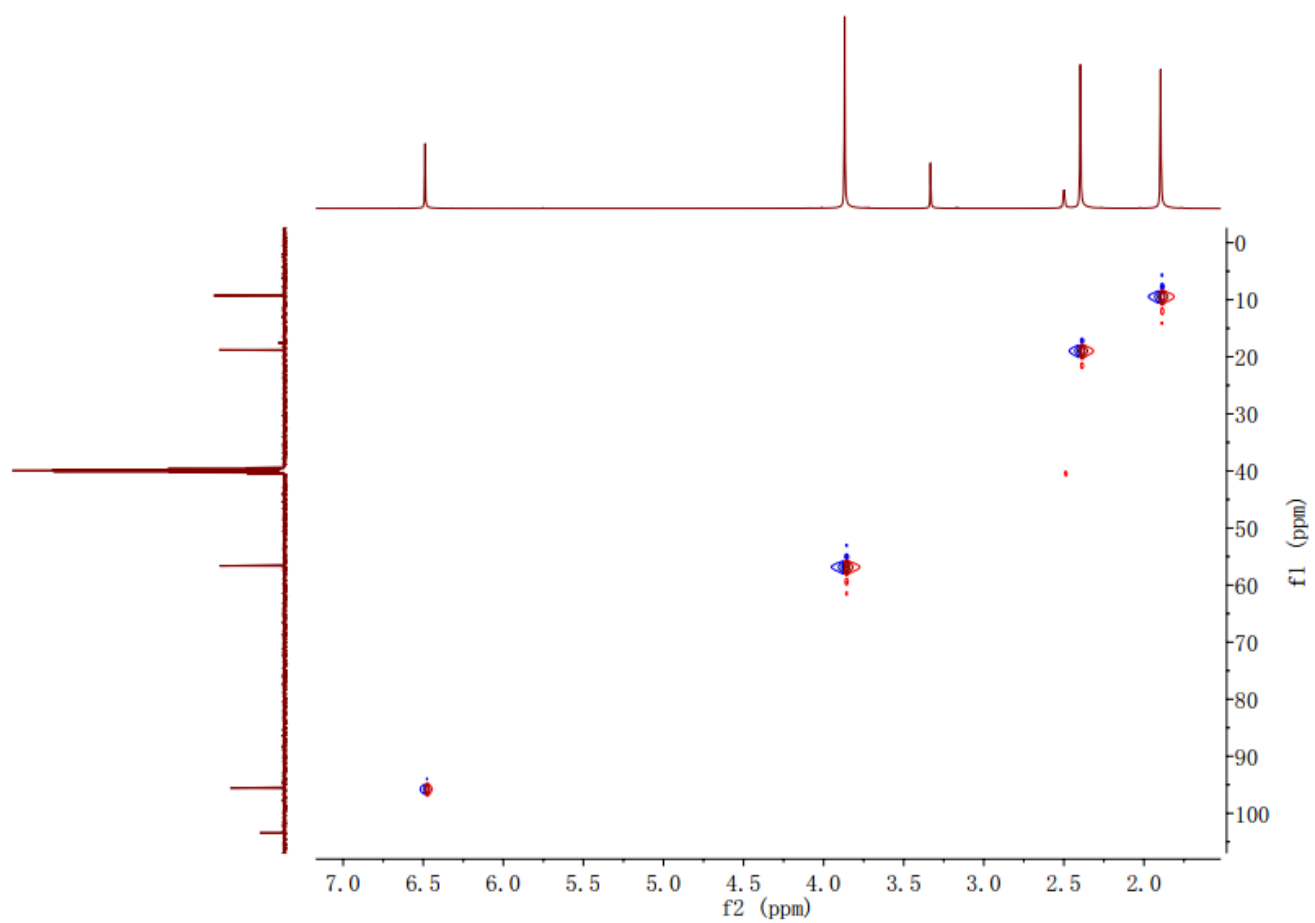


Figure S11. HMBC spectrum of compound **2**.

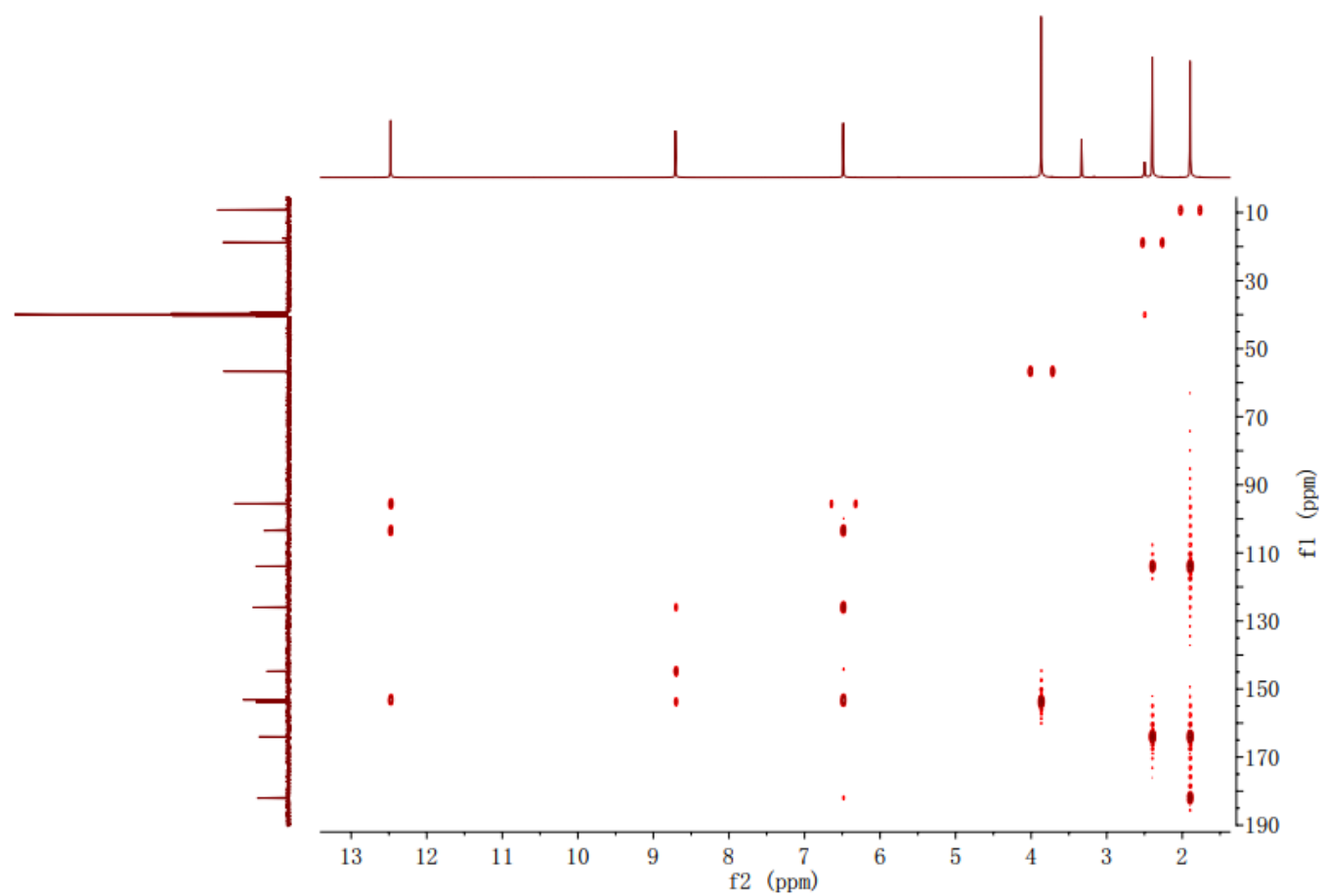


Figure S12. Crystal packing of compound **2** at 293(2) K.

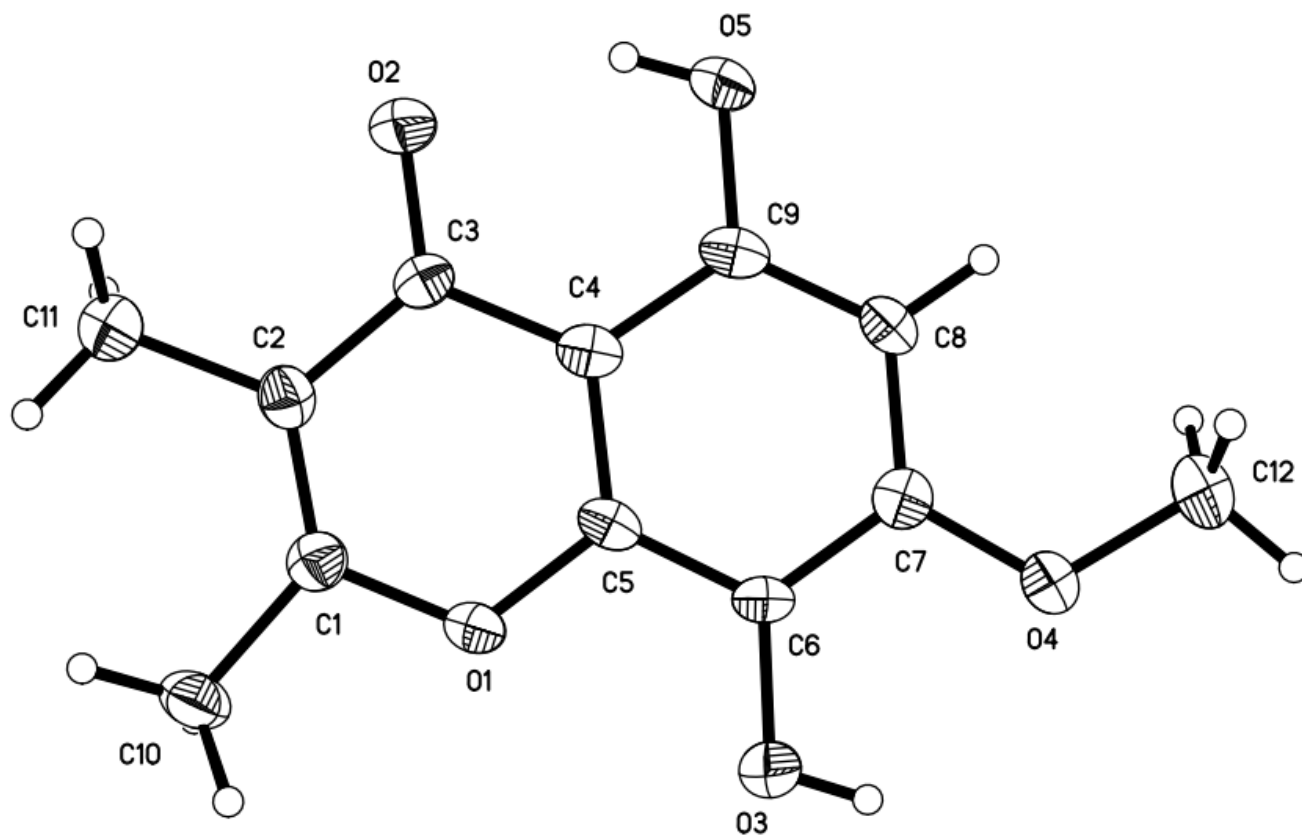


Figure S13. HRESIMS spectrum of compound 3.

D:\MS-DATA\20191129-C5138-3_191129102534

11/29/2019 10:44:36 AM

C5138-3

20191129-C5138-3_191129102534 #57 RT: 0.47 AV: 1 SB: 3 0.01-0.02 NL: 1.23E7

T: FTMS + p ESI Full ms [200.00-1000.00]

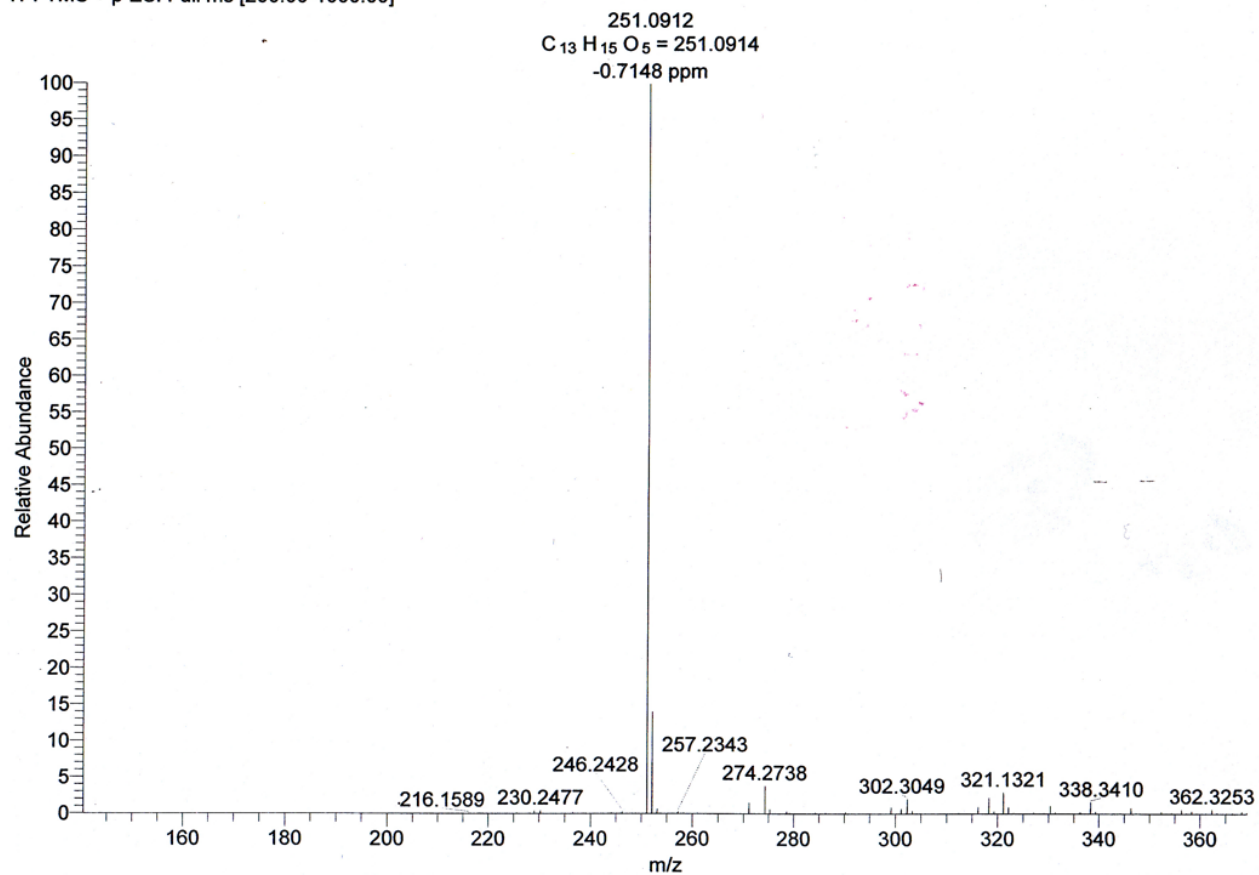


Figure S14. ^1H NMR (500 MHz, $\text{DMSO-}d_6$) spectrum of compound **3**.

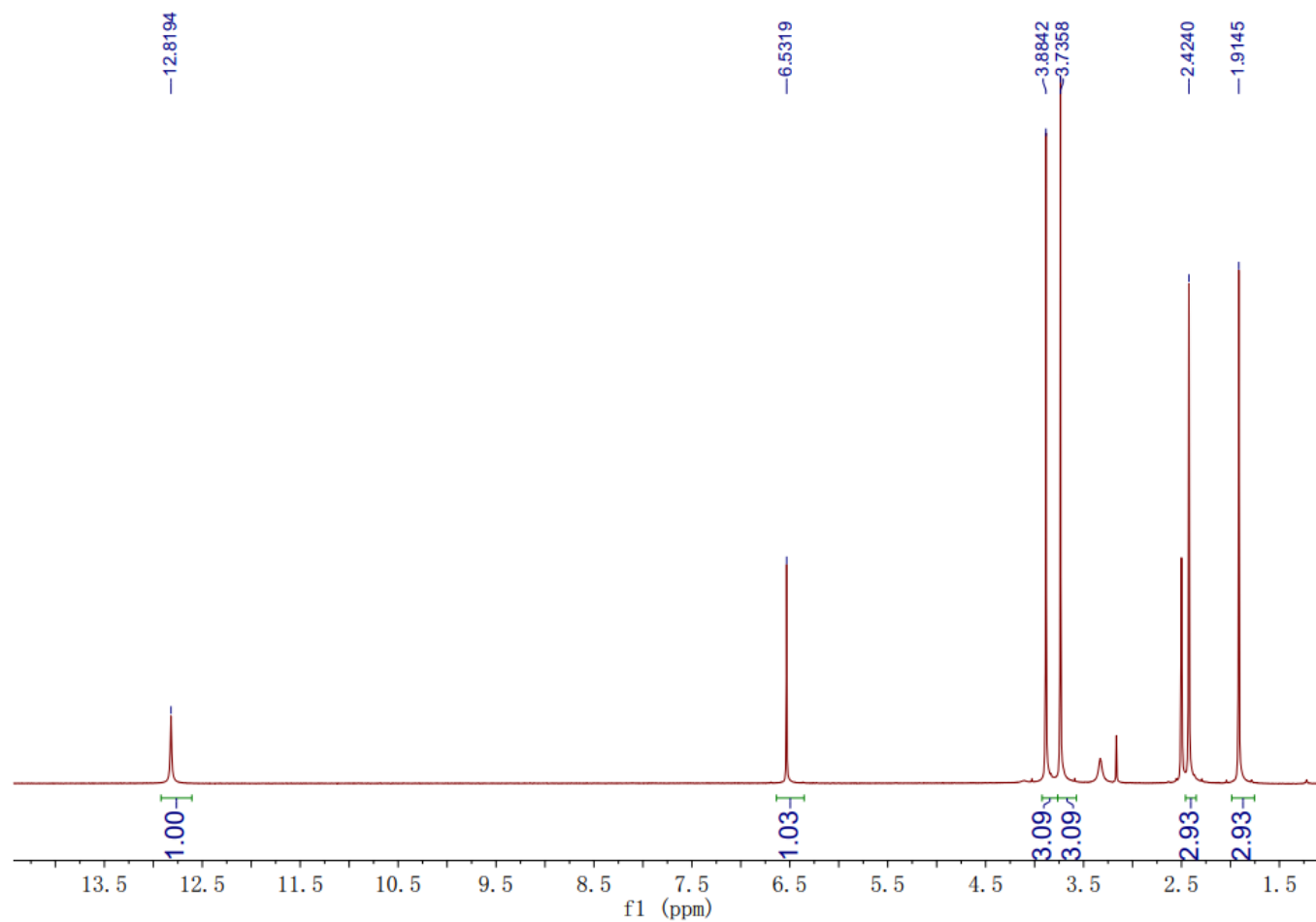


Figure S15. ^{13}C NMR (125 MHz, $\text{DMSO-}d_6$) and DEPT spectra of compound **3**.

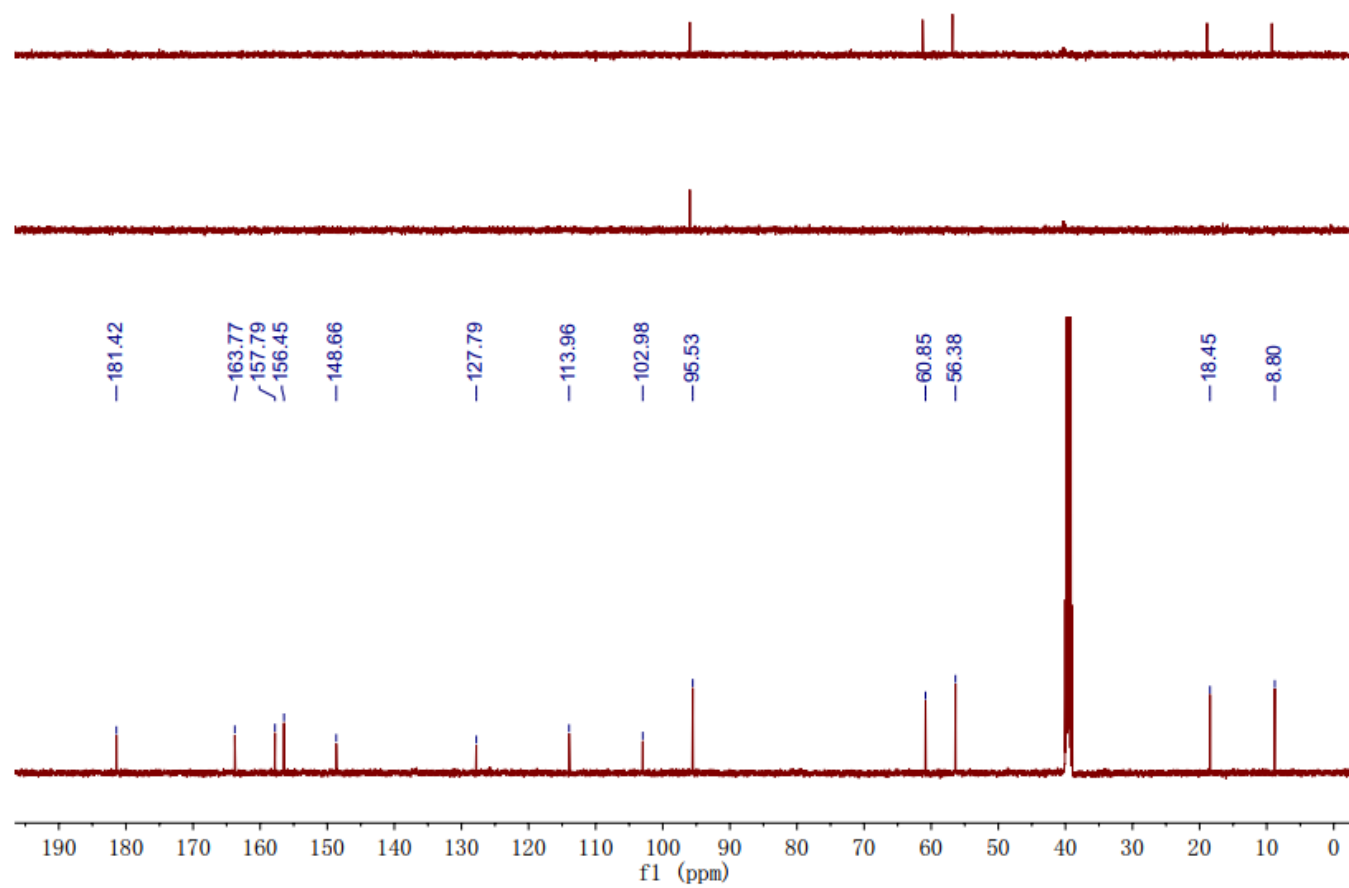


Figure S16. HSQC spectrum of compound 3.

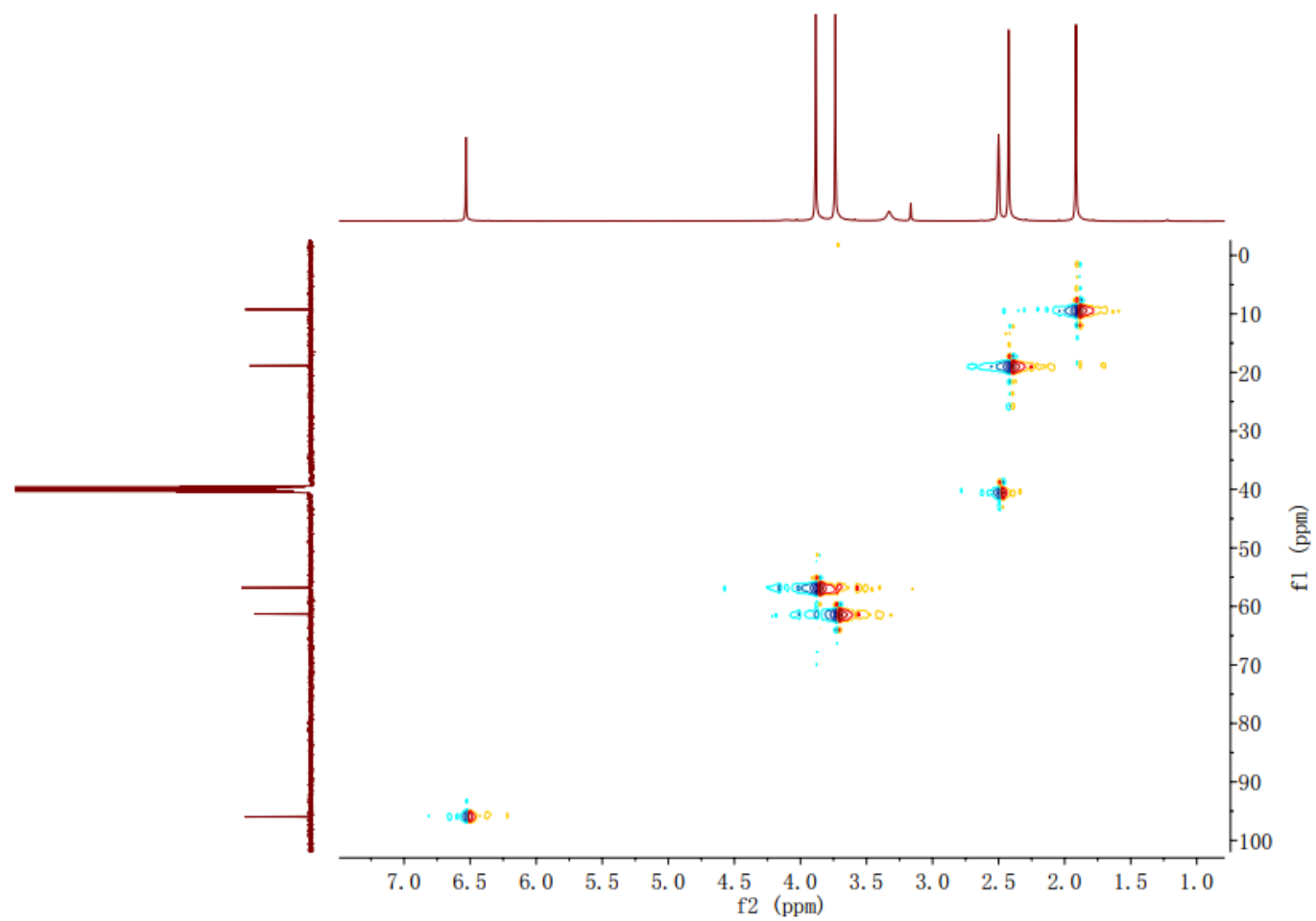


Figure S17. HMBC spectrum of compound **3**.

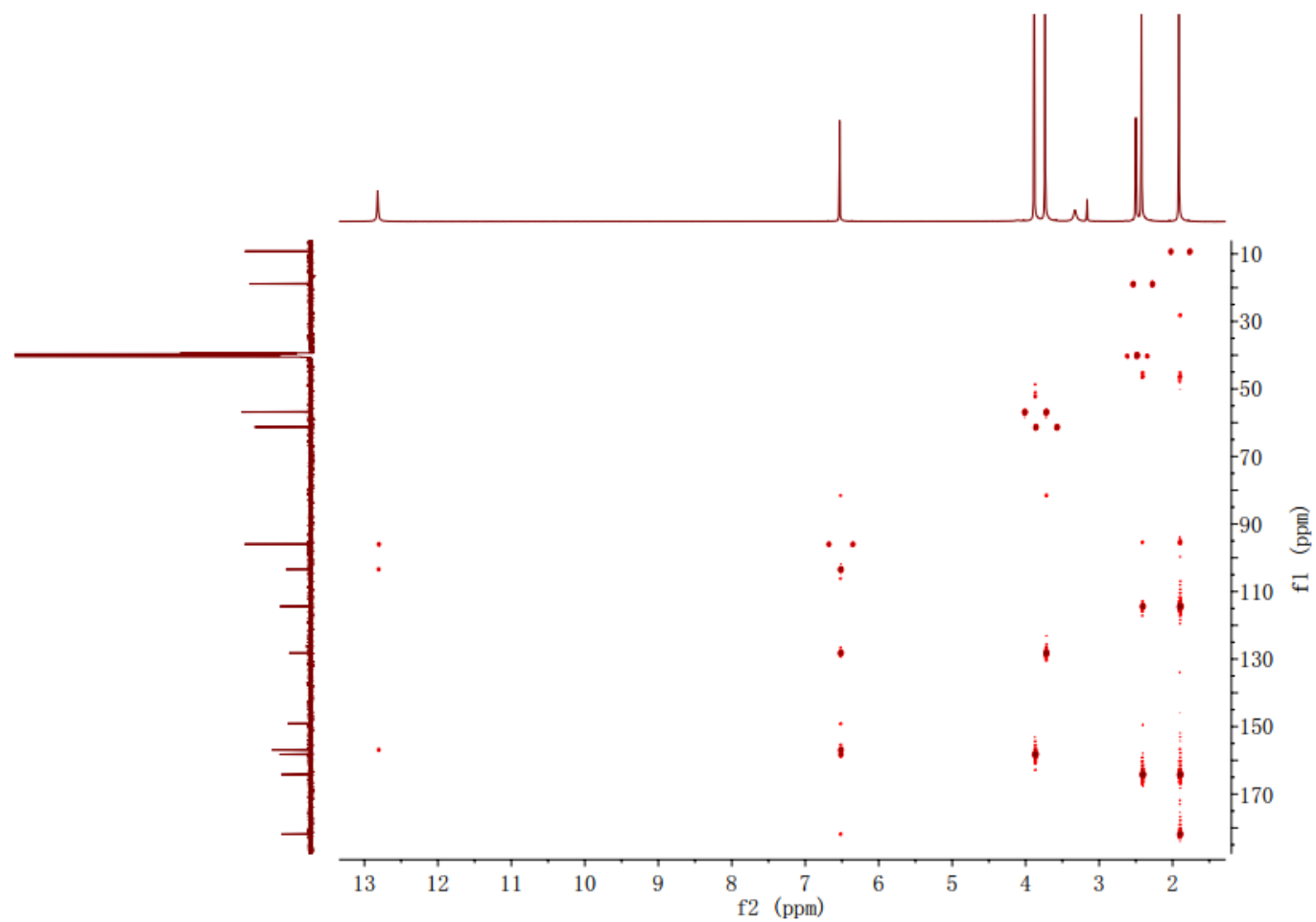


Figure S18. HRESIMS spectrum of compound **4**.

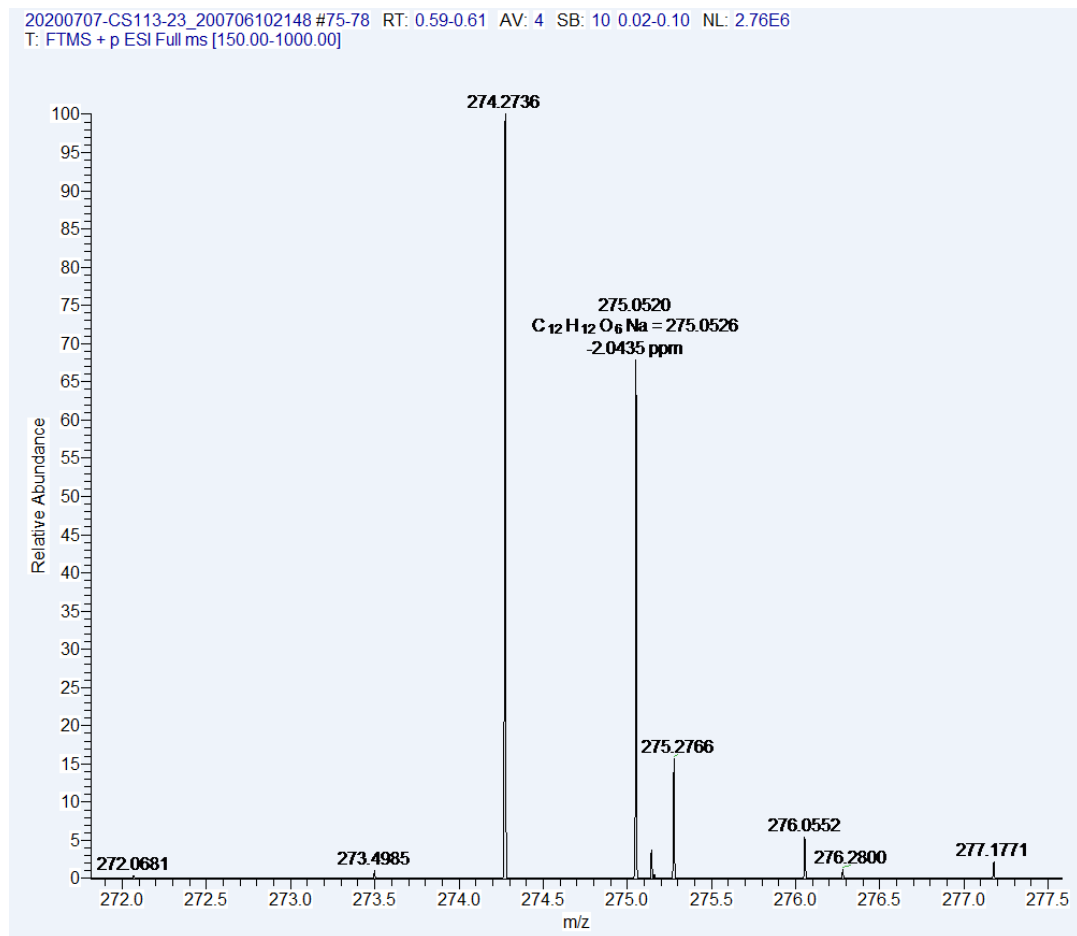


Figure S19. ^1H NMR (500 MHz, $\text{DMSO-}d_6$) spectrum of compound **4**.

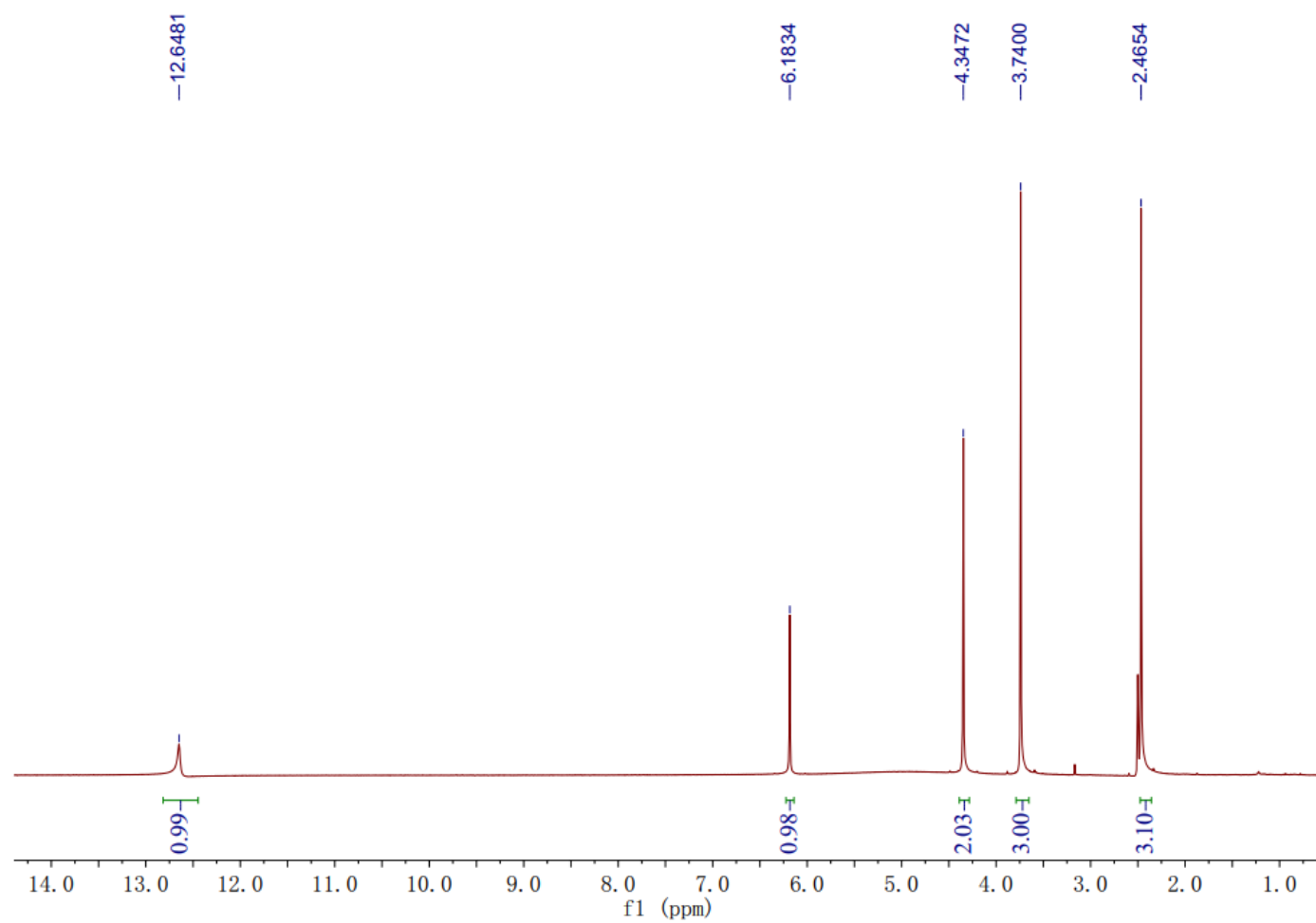


Figure S20. ^{13}C NMR (125 MHz, $\text{DMSO-}d_6$) and DEPT spectra of compound **4**.

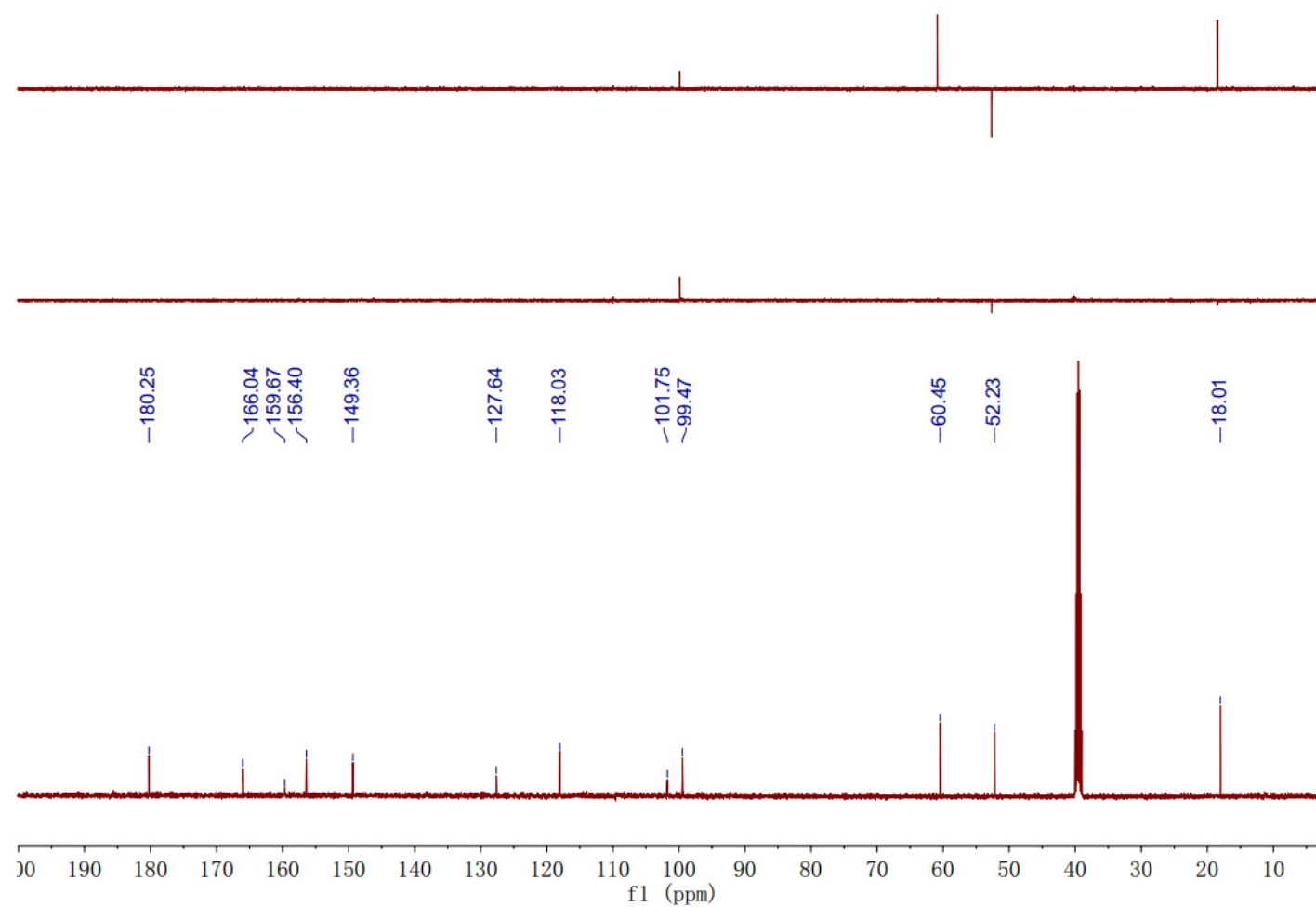


Figure S21. HSQC spectrum of compound **4**.

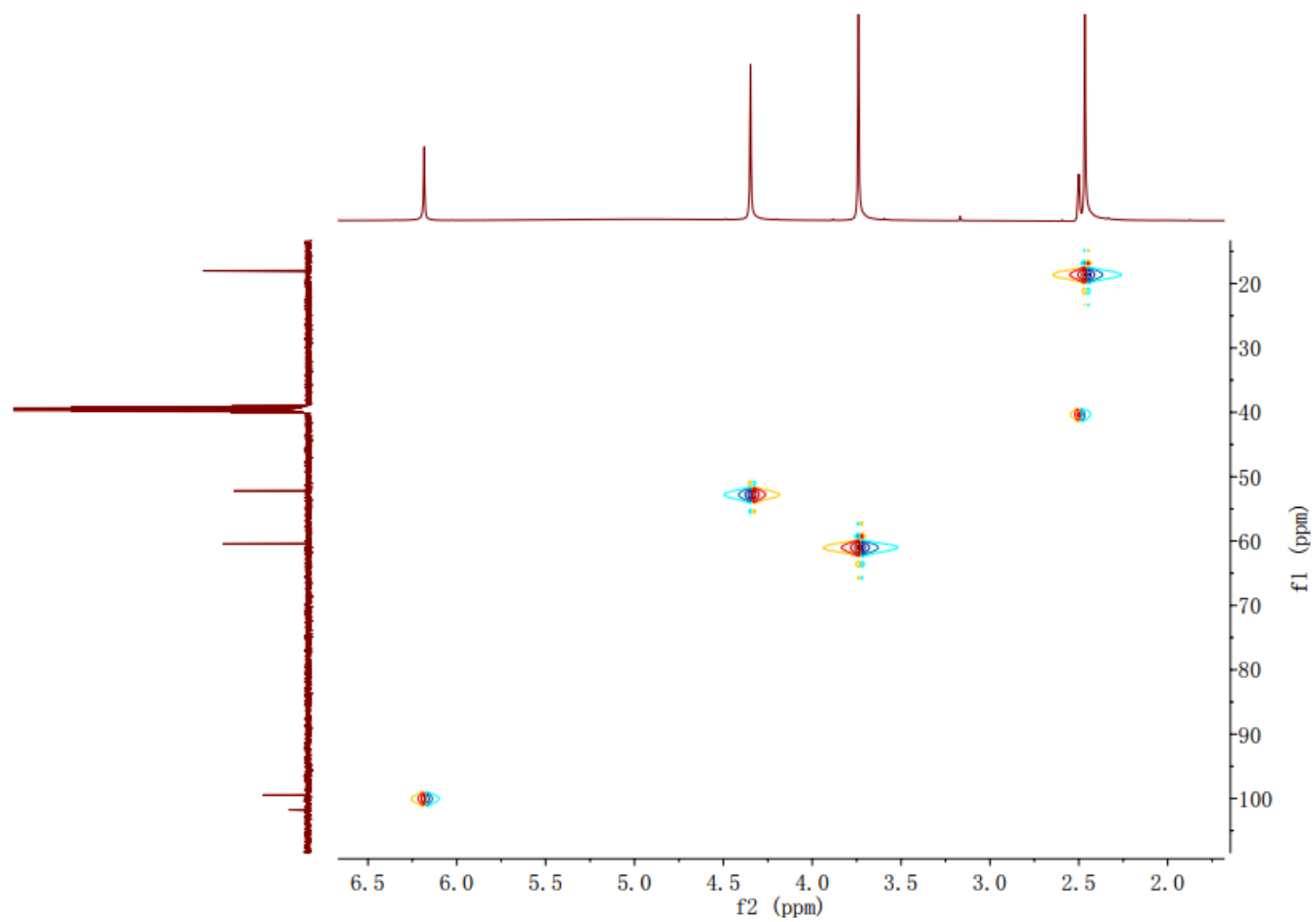


Figure S22. HMBC spectrum of compound **4**.

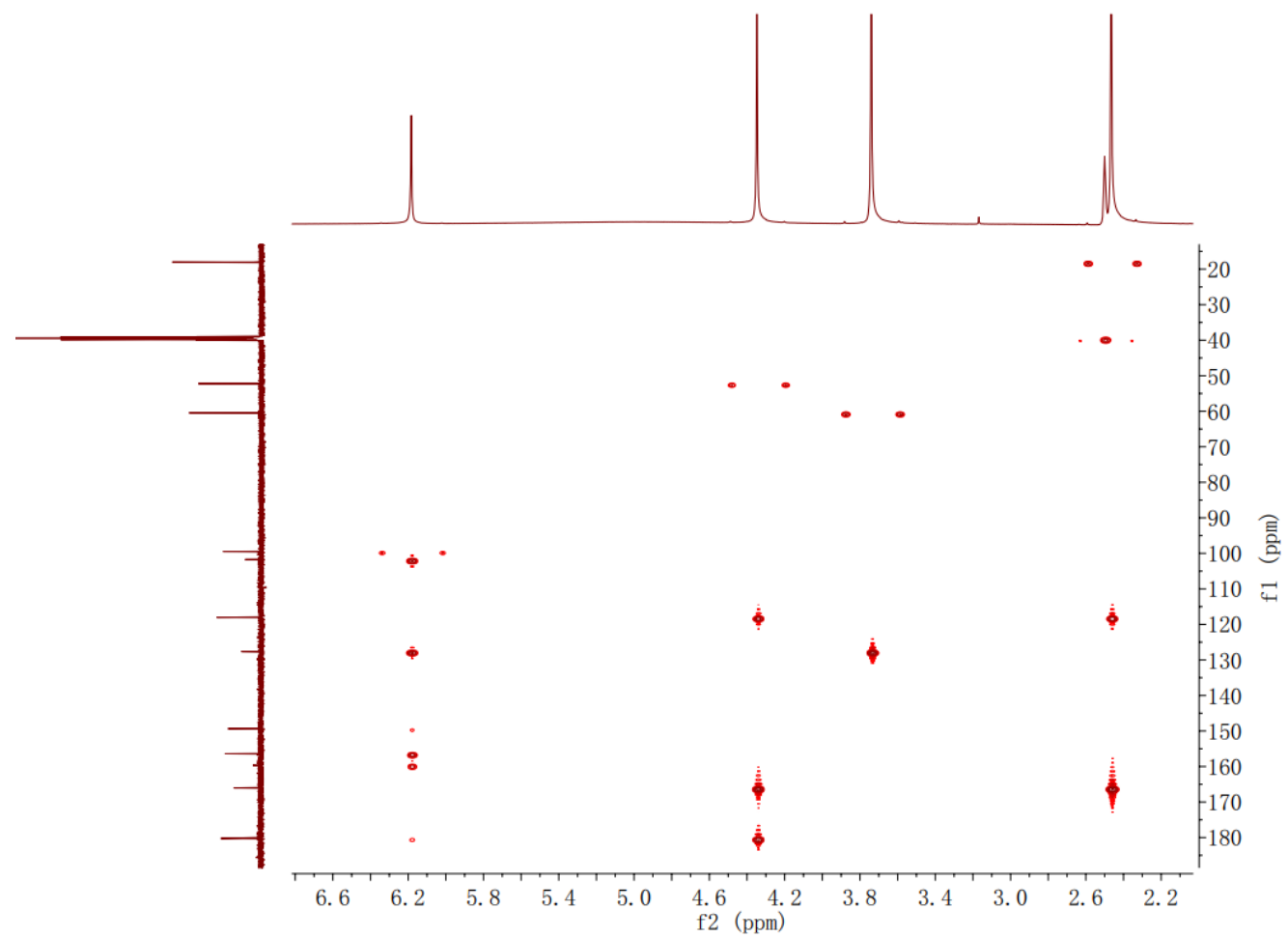


Figure S23. Crystal packing of compound **4** at 296(2) K.

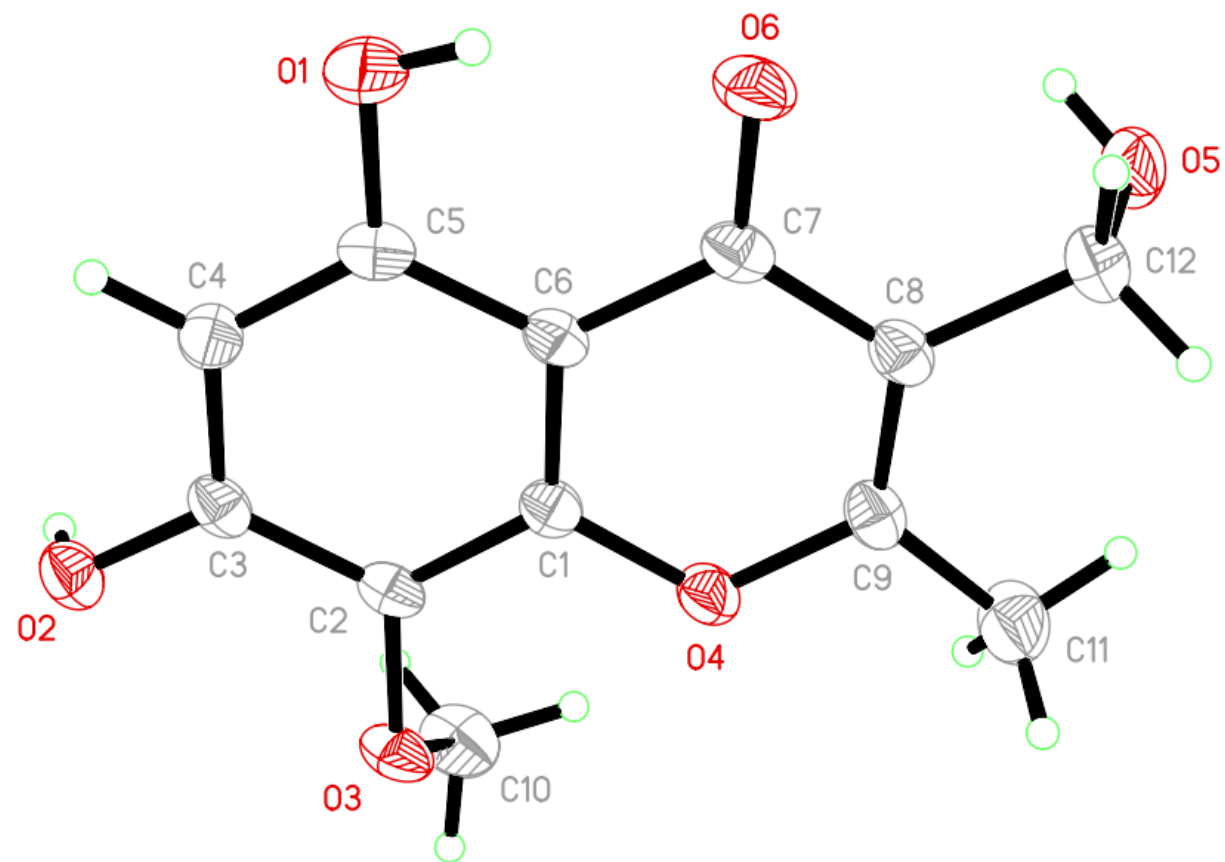


Figure S24. HRESIMS spectrum of compound 5.

20210412-CS138-50_210412103730 #31-32 RT: 0.49-0.50 AV: 2 NL: 3.22E5
T: FTMS - p ESI Full ms [150.00-1000.00]

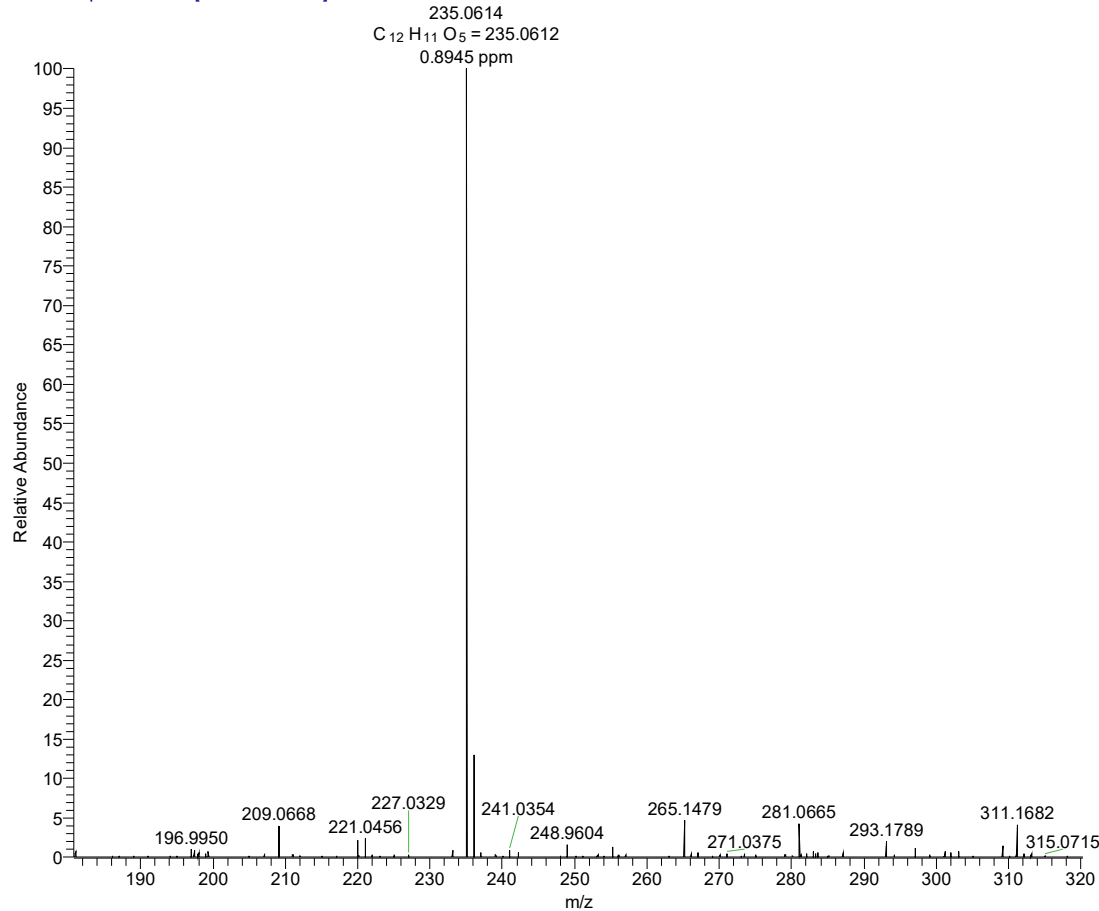


Figure S25. ^1H NMR (500 MHz, $\text{DMSO-}d_6$) spectrum of compound 5.

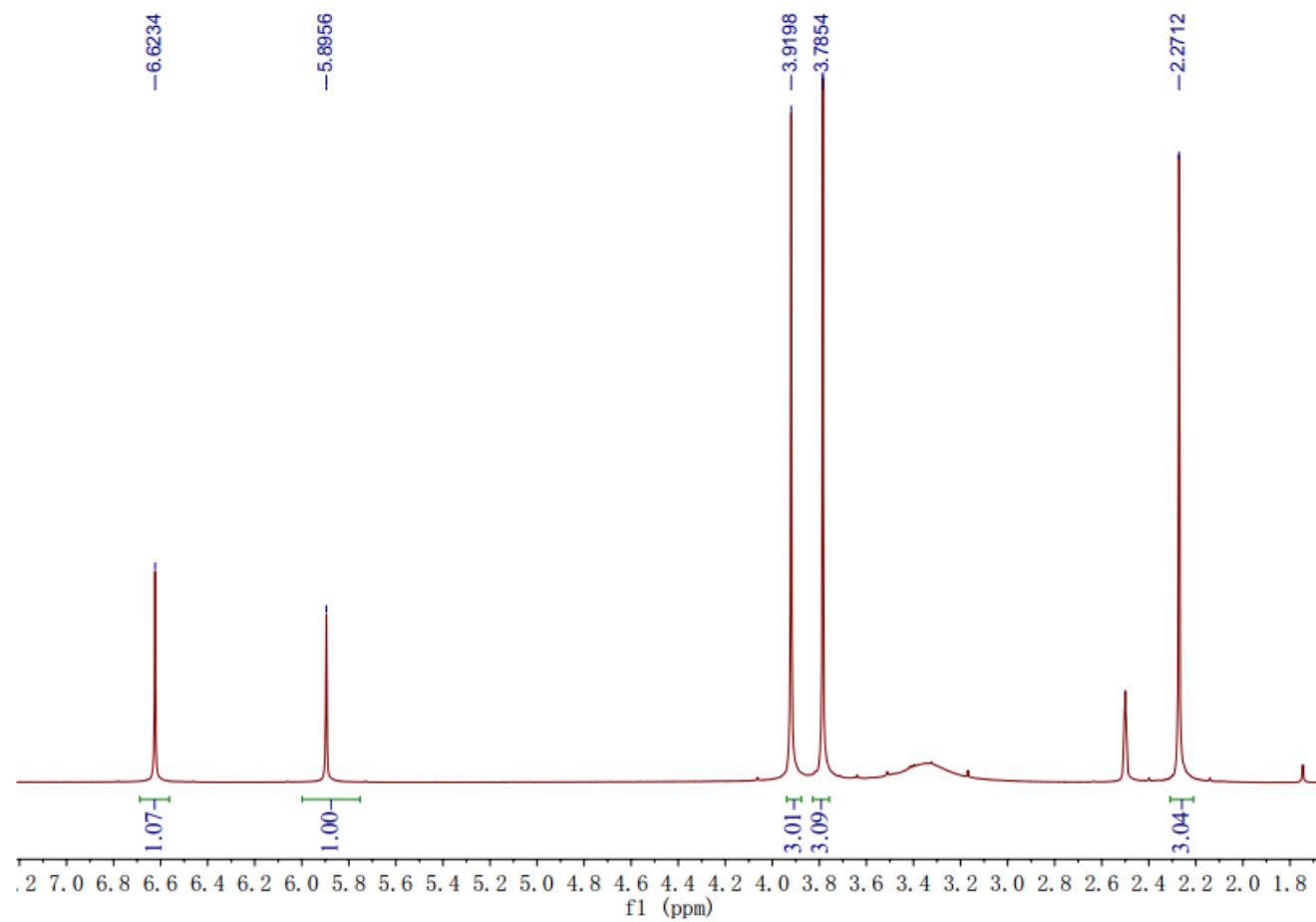


Figure S26. ^{13}C NMR (125 MHz, $\text{DMSO-}d_6$) and DEPT spectra of compound 5.

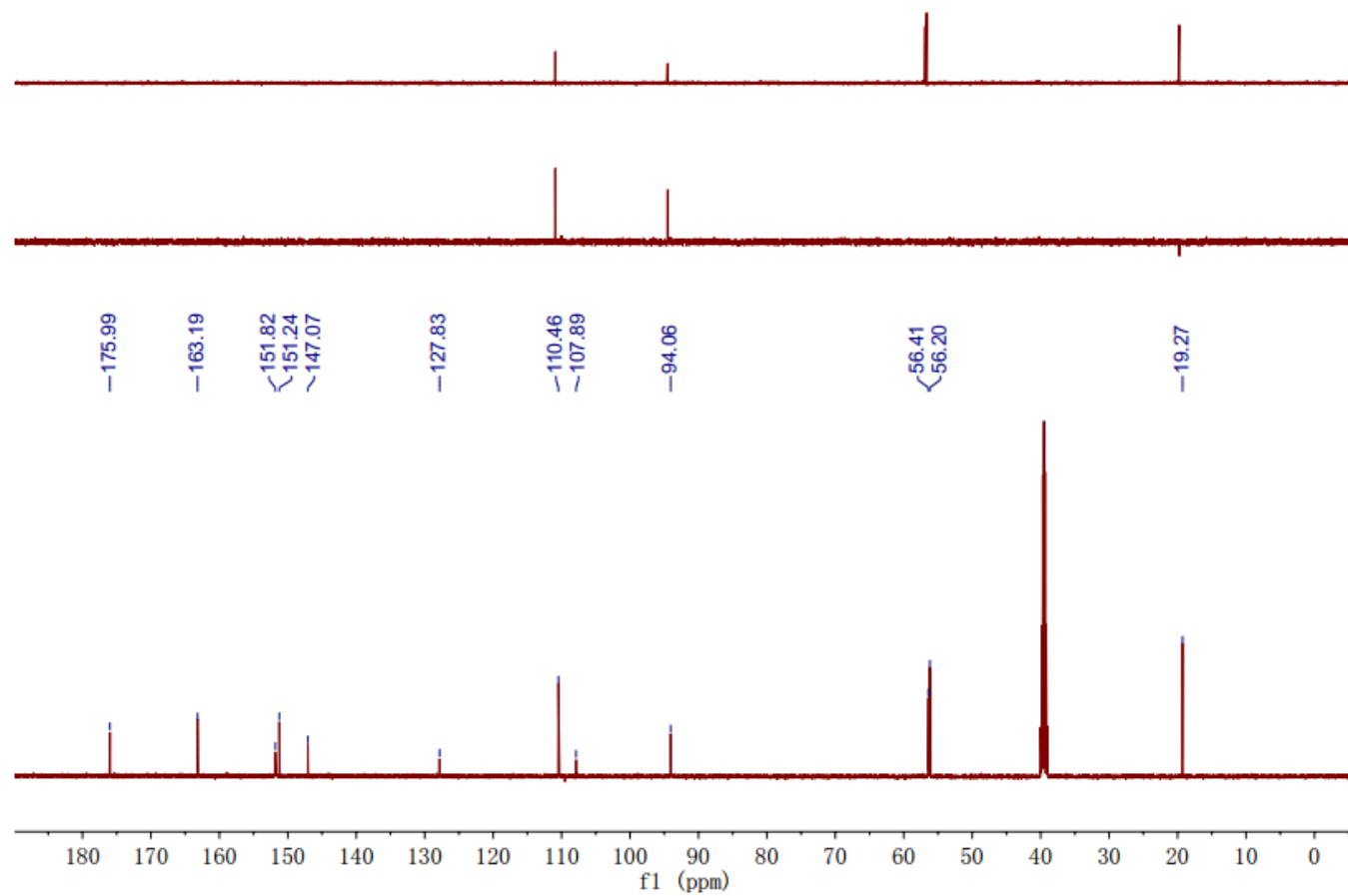


Figure S27. HSQC spectrum of compound 5.

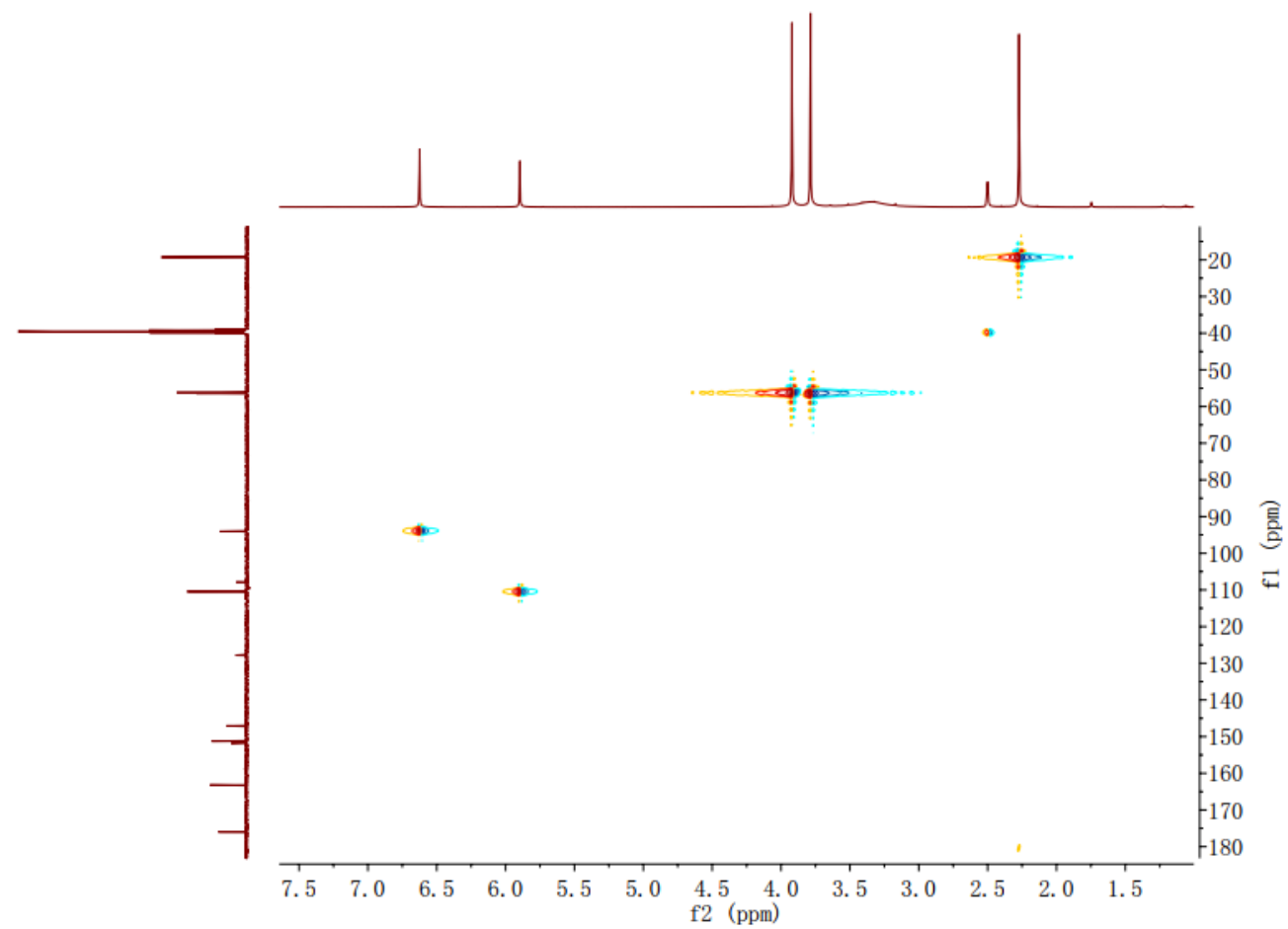


Figure S28. HMBC spectrum of compound **5**.

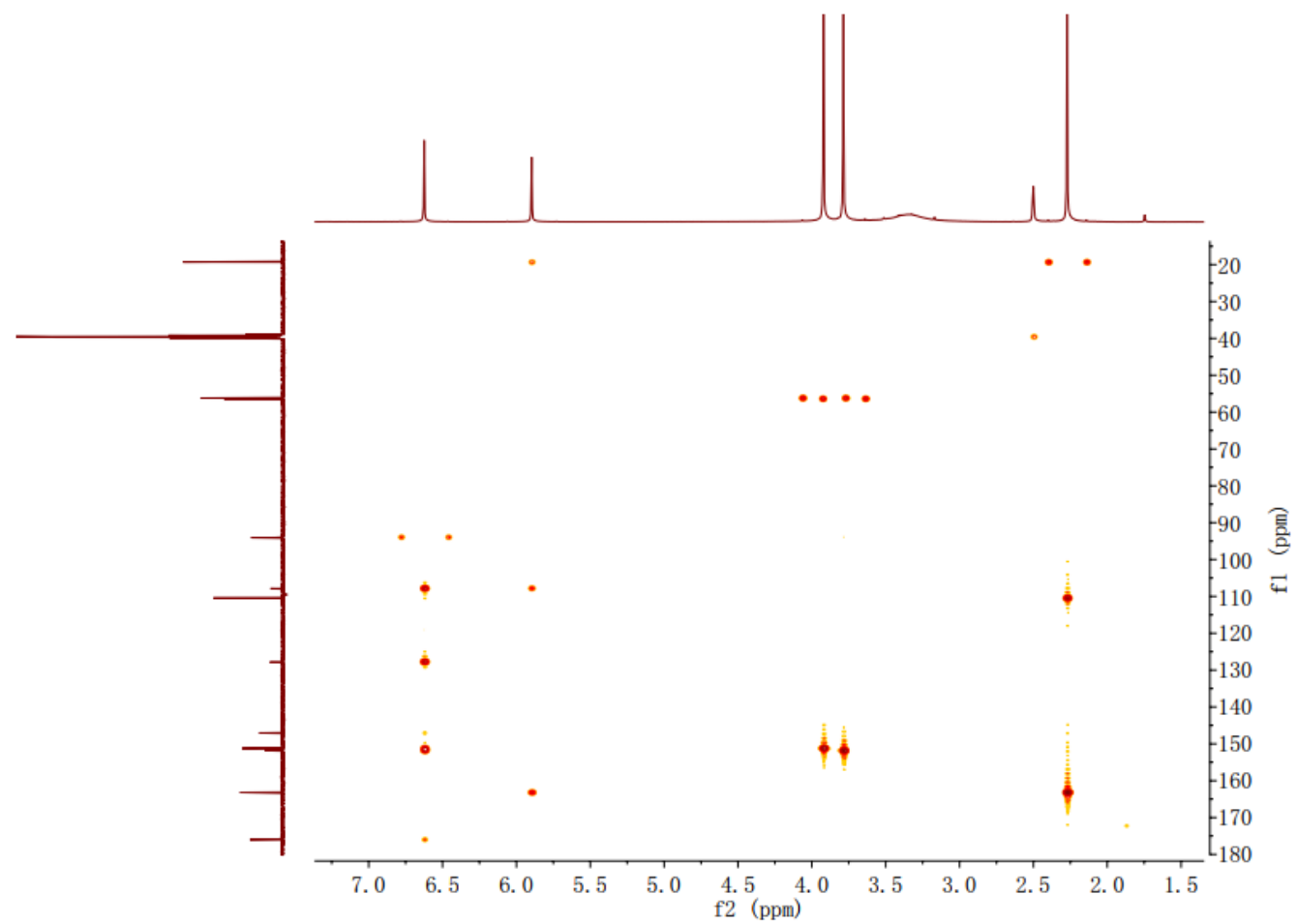


Figure S29. Crystal packing of compound **5** at 298(2) K.

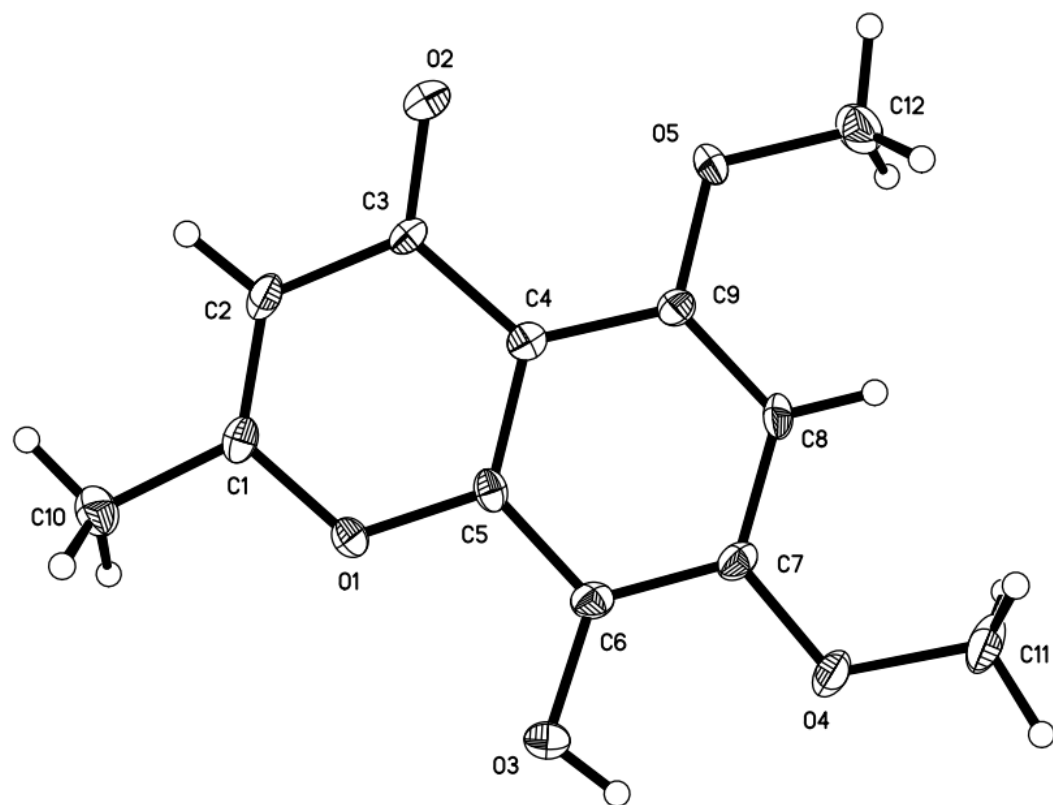


Figure S30. HRESIMS spectrum of compound **6**.

20201208-CS138-65_201208091241 #19 RT: 0.42 AV: 1 NL: 3.52E2
T: FTMS - p ESI Full ms [50.00-1000.00]

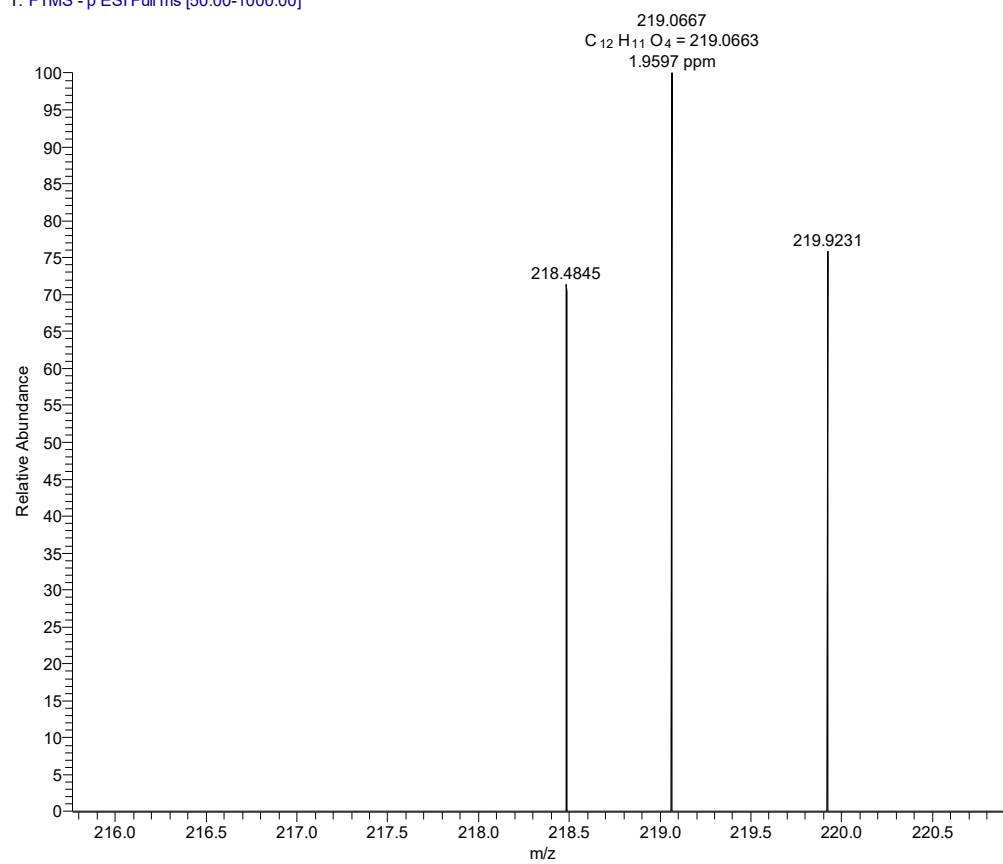


Figure S31. ^1H NMR (500 MHz, $\text{DMSO}-d_6$) spectrum of compound **6**.

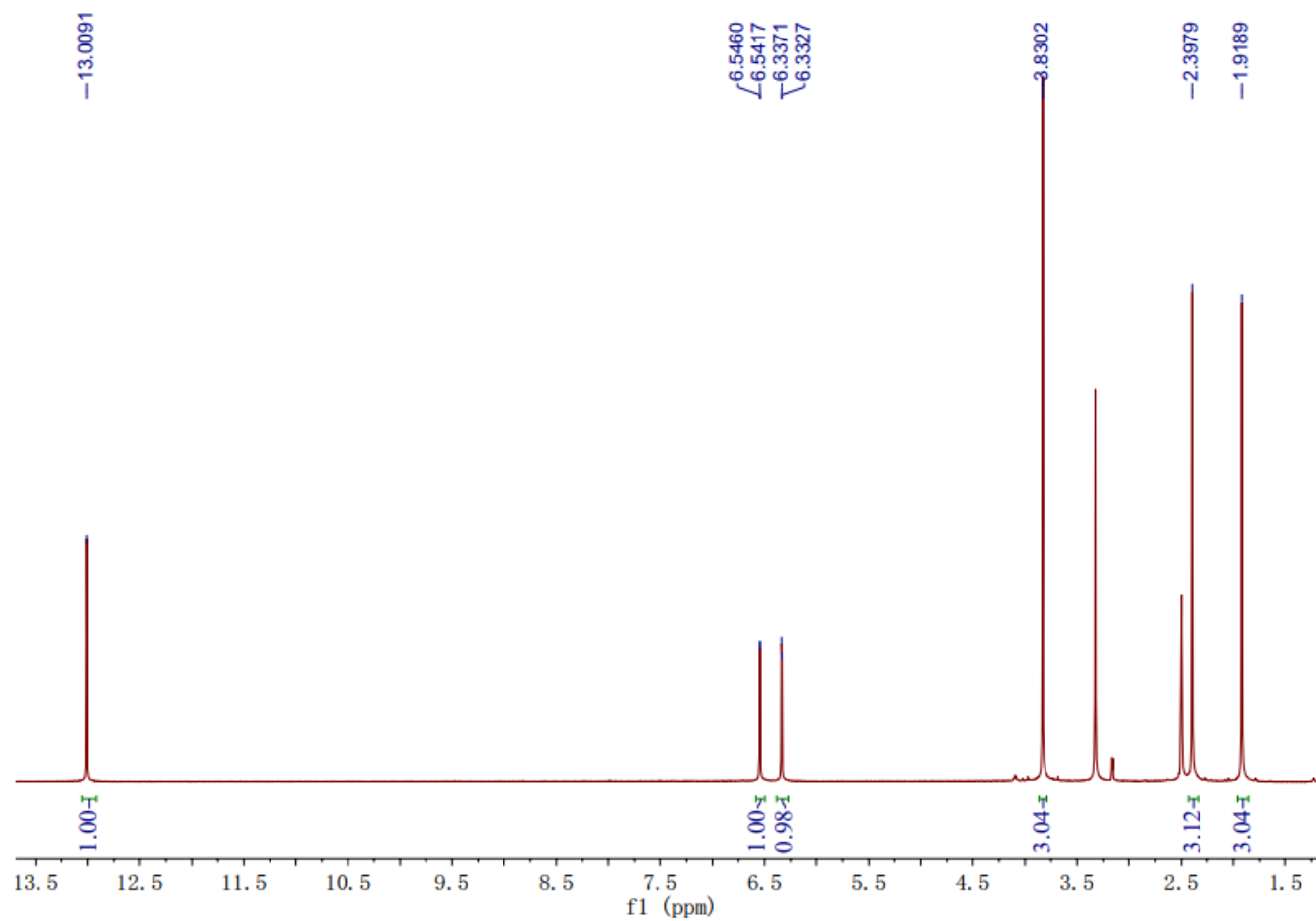


Figure S32. ^{13}C NMR (125 MHz, $\text{DMSO-}d_6$) and DEPT spectra of compound **6**.

