

Supporting Information

for

Glycosylated Coumarins, Flavonoids, Lignans and Phenylpropanoids from *Wikstroemia nutans* and Their Biological Activities

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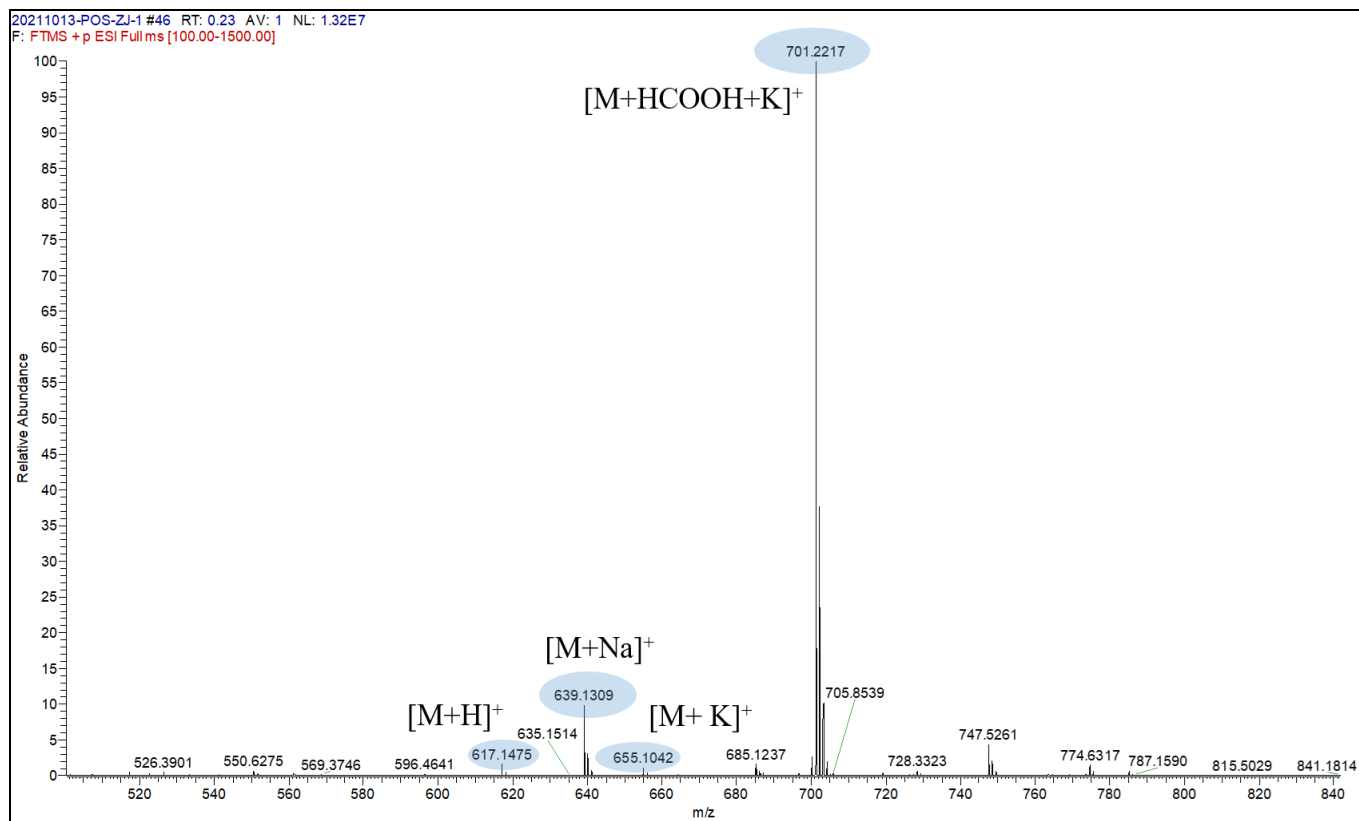
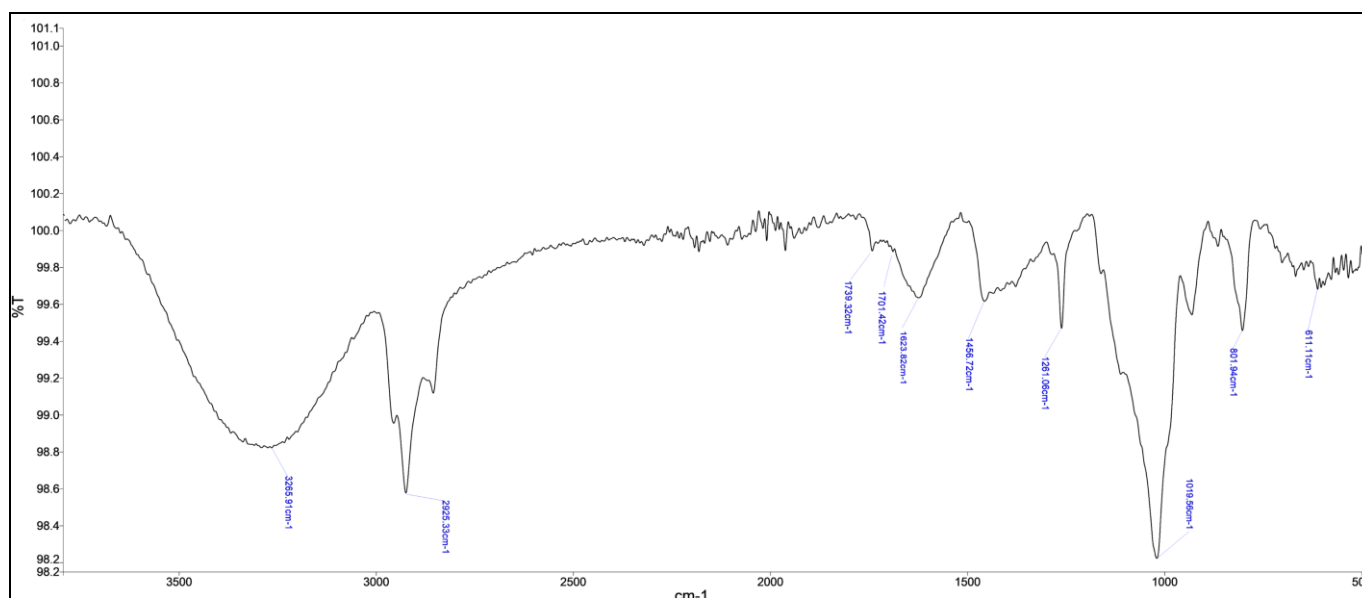


Figure S1. HR-ESI-MS spectrum of compound **1**



IR spectra were obtained on PerkinElmer FT-IR C106150 and Bruker Tensor 37 infrared spectrophotometers.

Figure S2. IR spectrum of compound **1** in MeOH

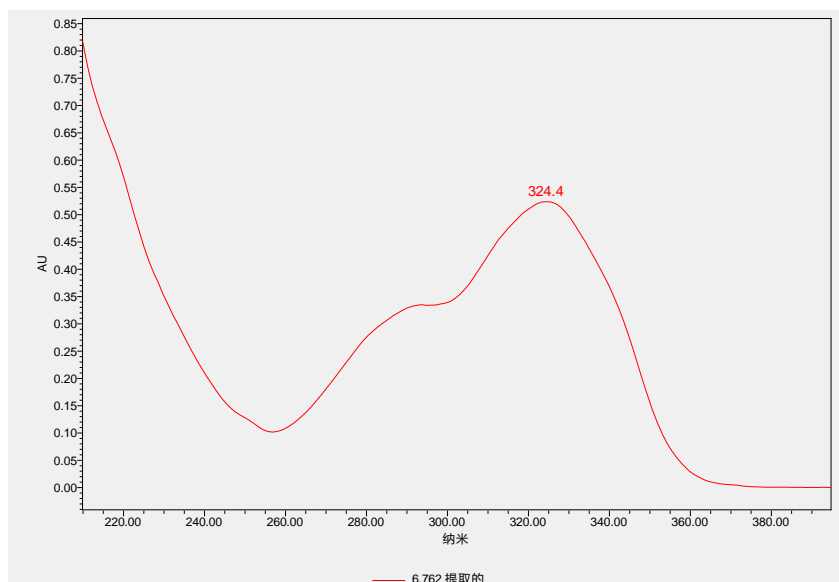


Figure S3. UV spectrum of compound 1 in MeOH

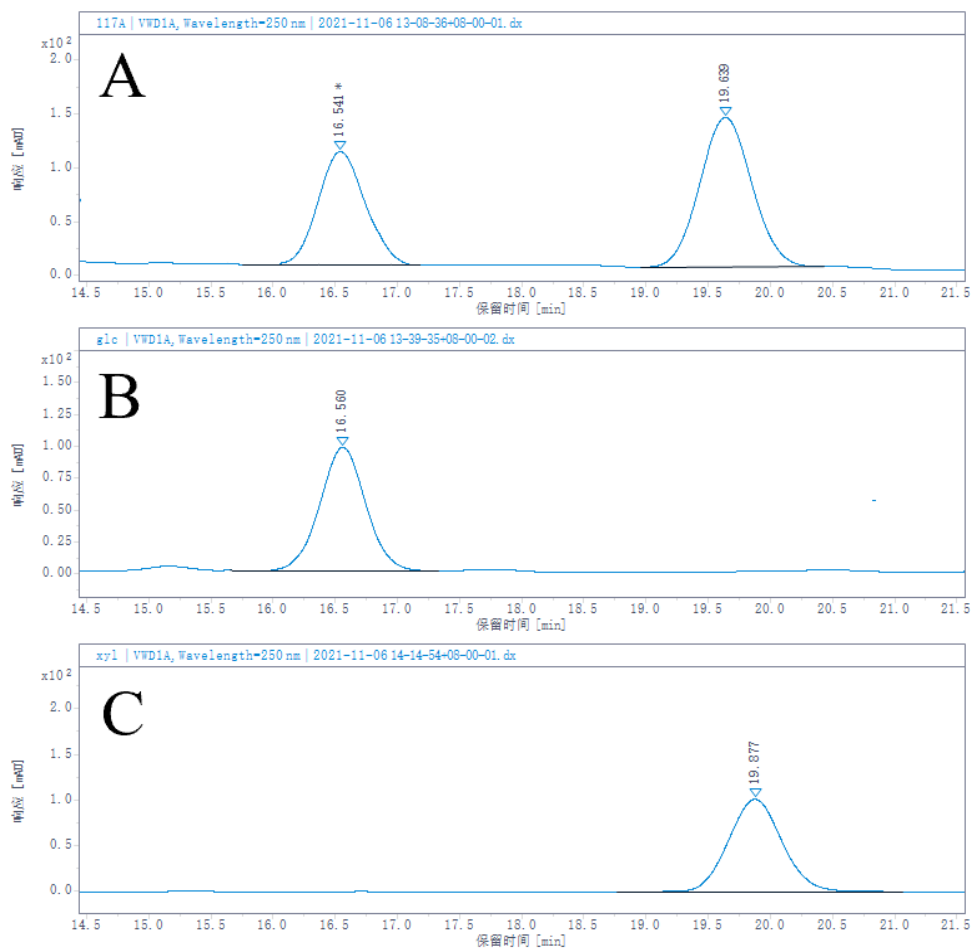


Figure S4. HPLC chromatogram of the wikstronutin (1) derivatives. Retention Times: (A) wikstronutin (1) (B) D-glucose (C) D-xylsoe.

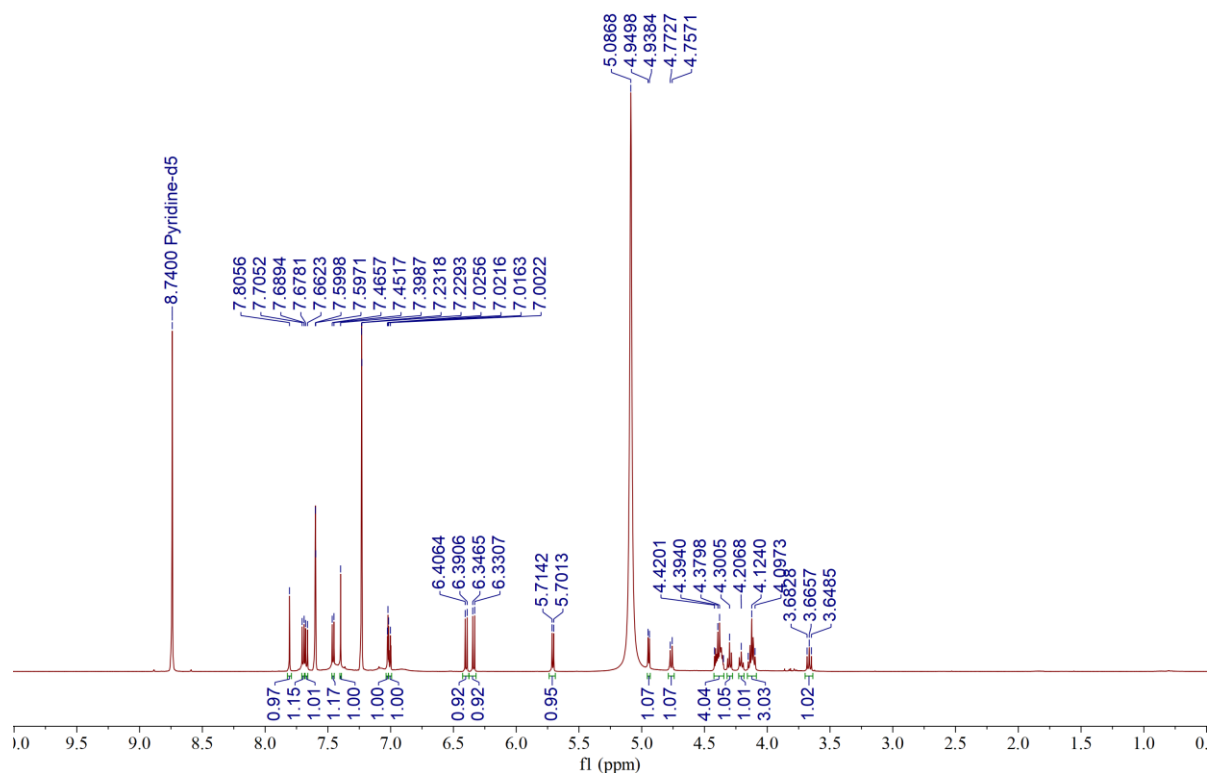


Figure S5. ^1H NMR spectrum of compound **1** (600 MHz, Pyridine- d_5).

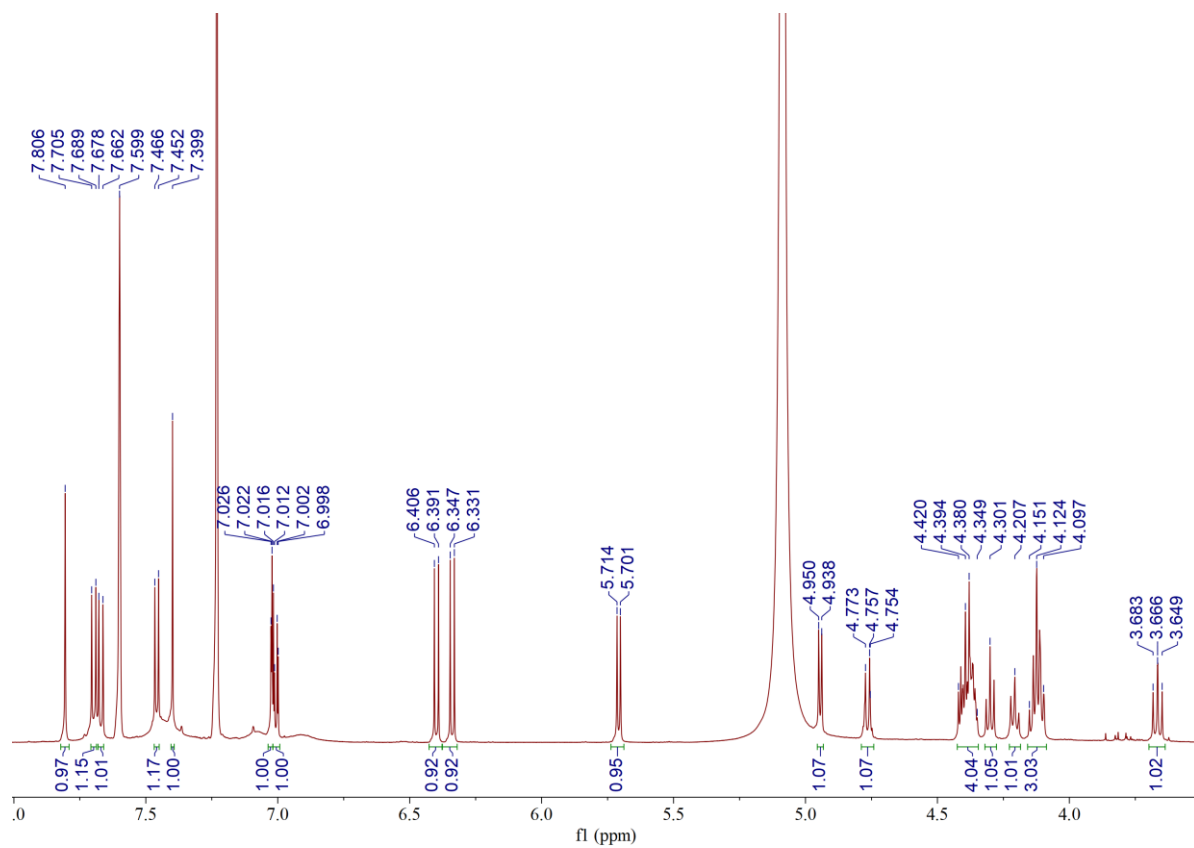


Figure S6. ^1H NMR spectrum of compound **1** (600 MHz, Pyridine- d_5) (expanded).

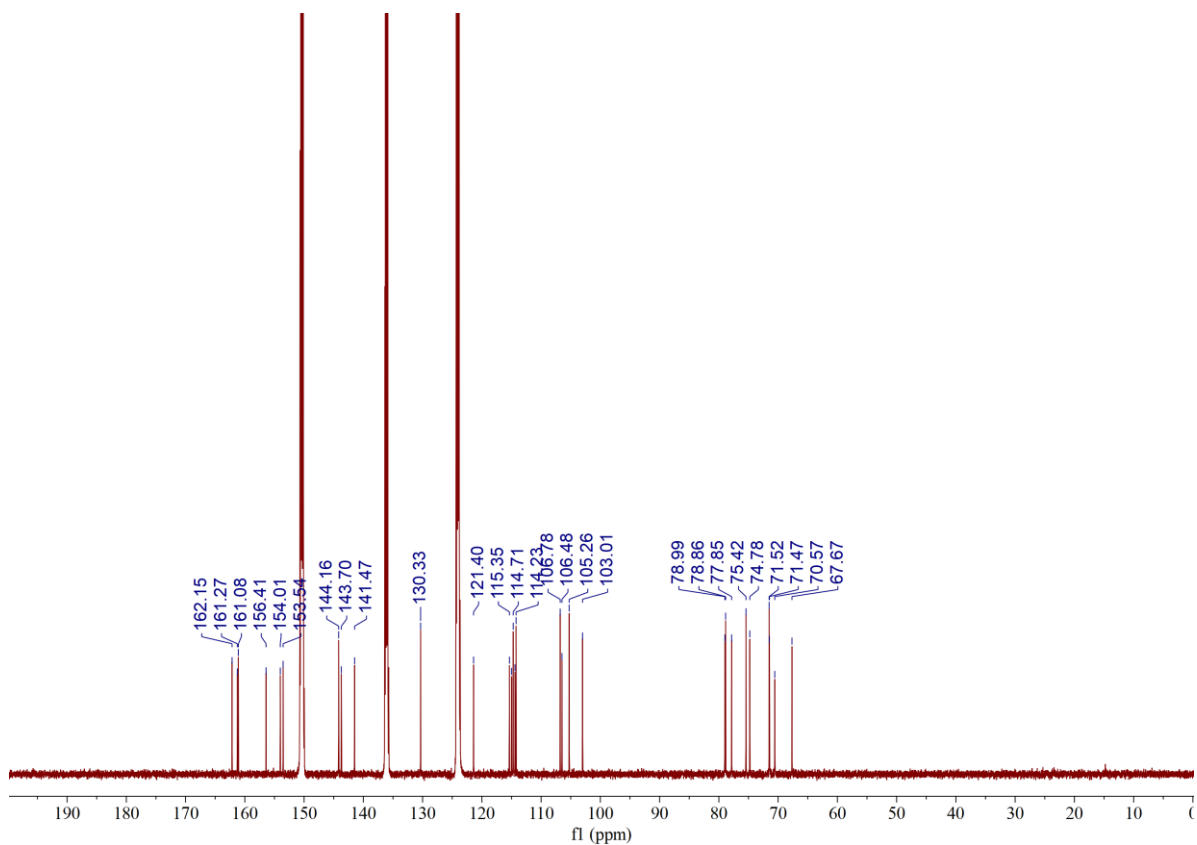


Figure S7. ^{13}C NMR spectrum of compound **1** (600 MHz, Pyridine- d_5).

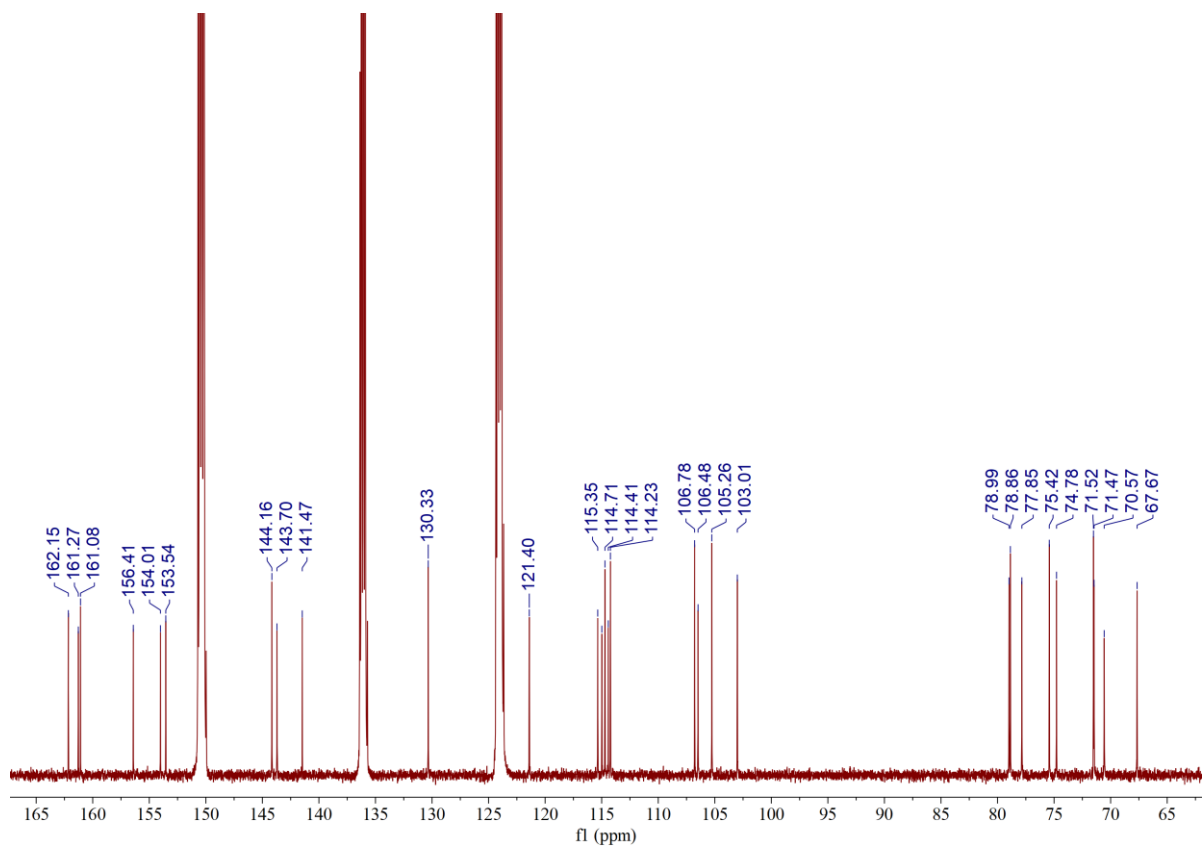


Figure S8. ^{13}C NMR spectrum of compound **1** (600 MHz, Pyridine- d_5) (expanded).

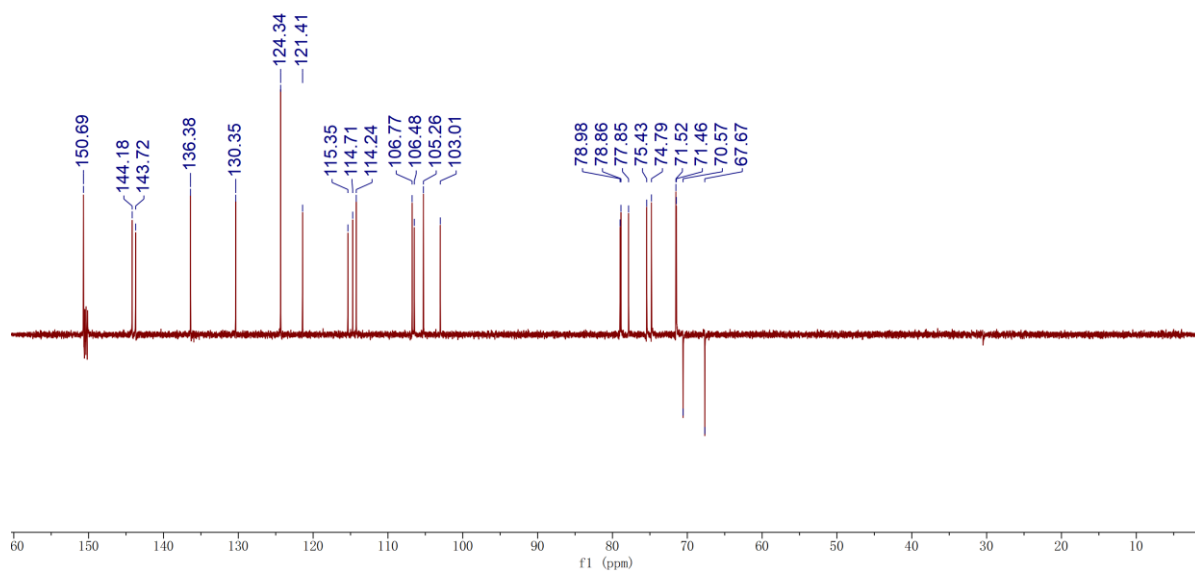


Figure S9. DEPT 135 spectrum of compound **1** (600 MHz, Pyridine- d_5).

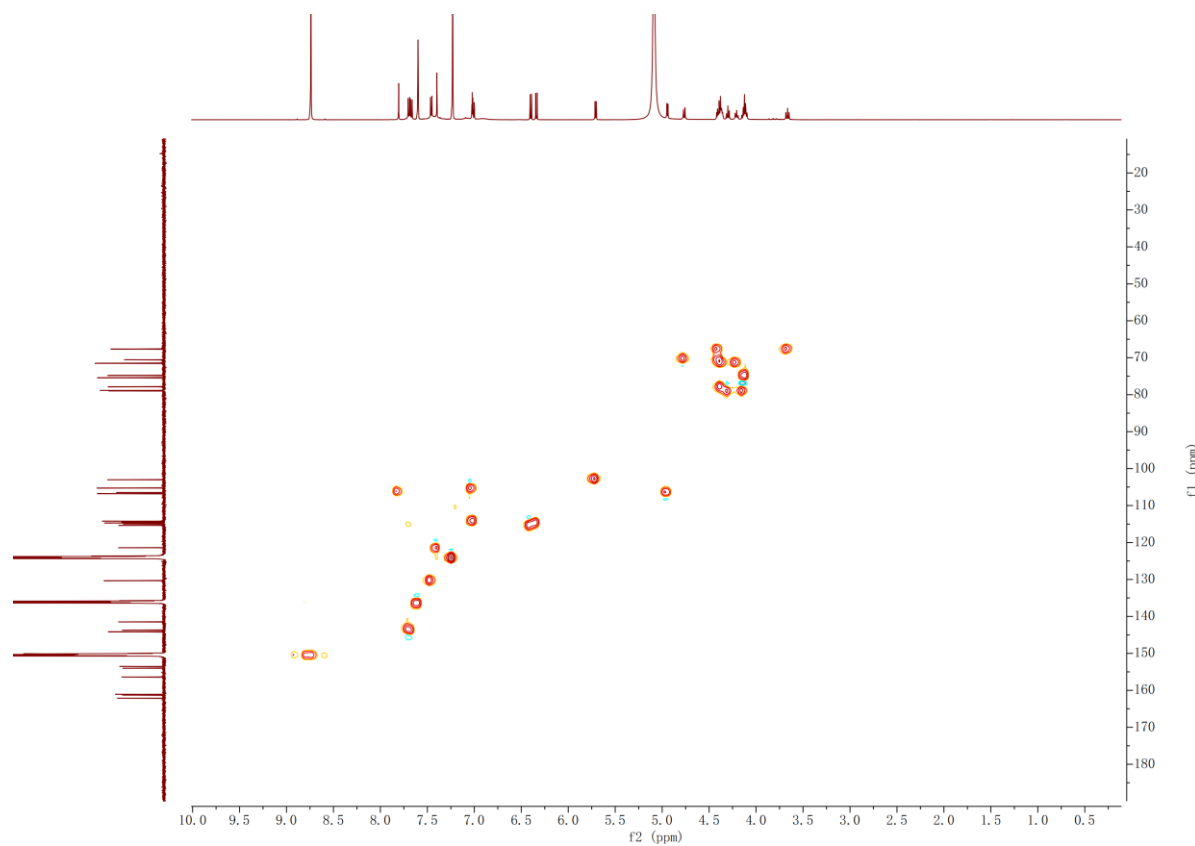


Figure S10. ^1H - ^1H COSY spectrum of compound **1** (600 MHz, Pyridine- d_5).

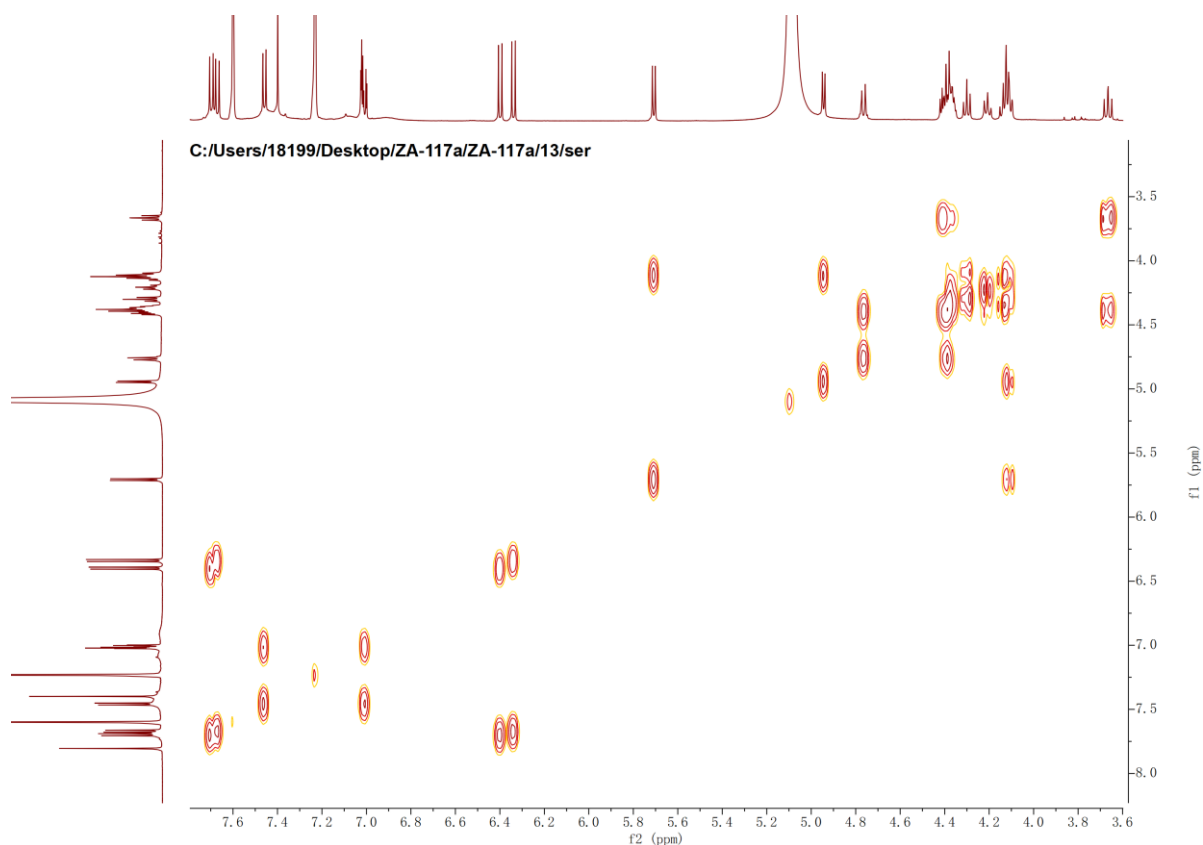


Figure S11. ^1H - ^1H COSY spectrum of compound **1** (600 MHz, Pyridine- d_5) (expanded).

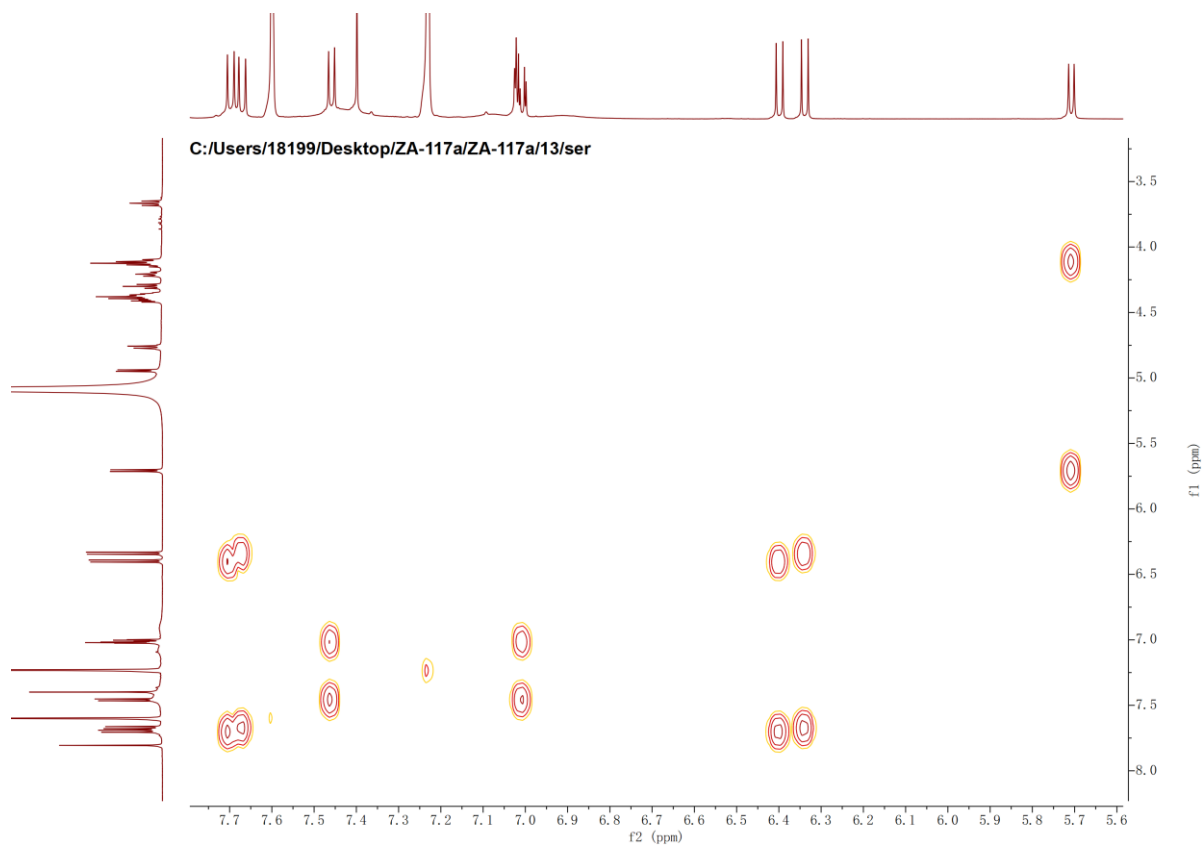


Figure S12. ^1H - ^1H COSY spectrum of compound **1** (600 MHz, Pyridine- d_5) (expanded).

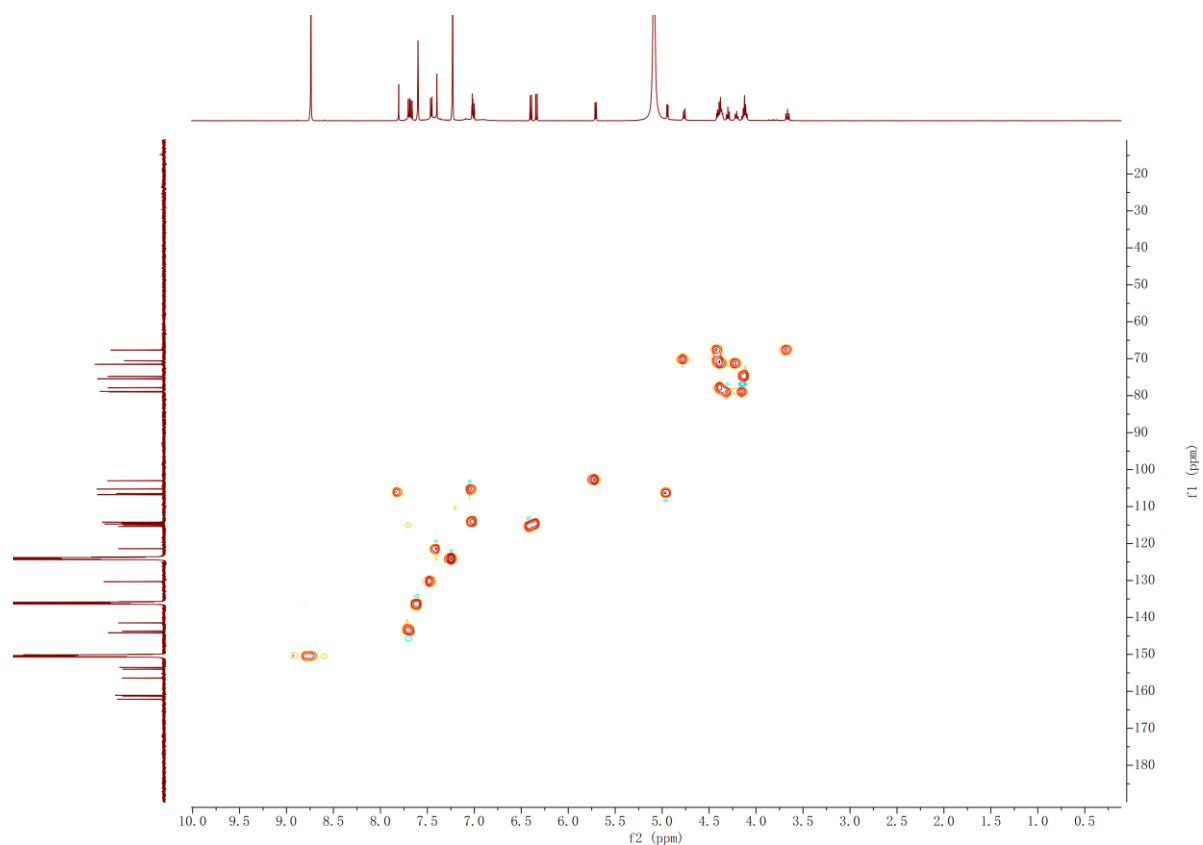


Figure S13. HSQC spectrum of compound **1** (600 MHz, Pyridine- d_5).

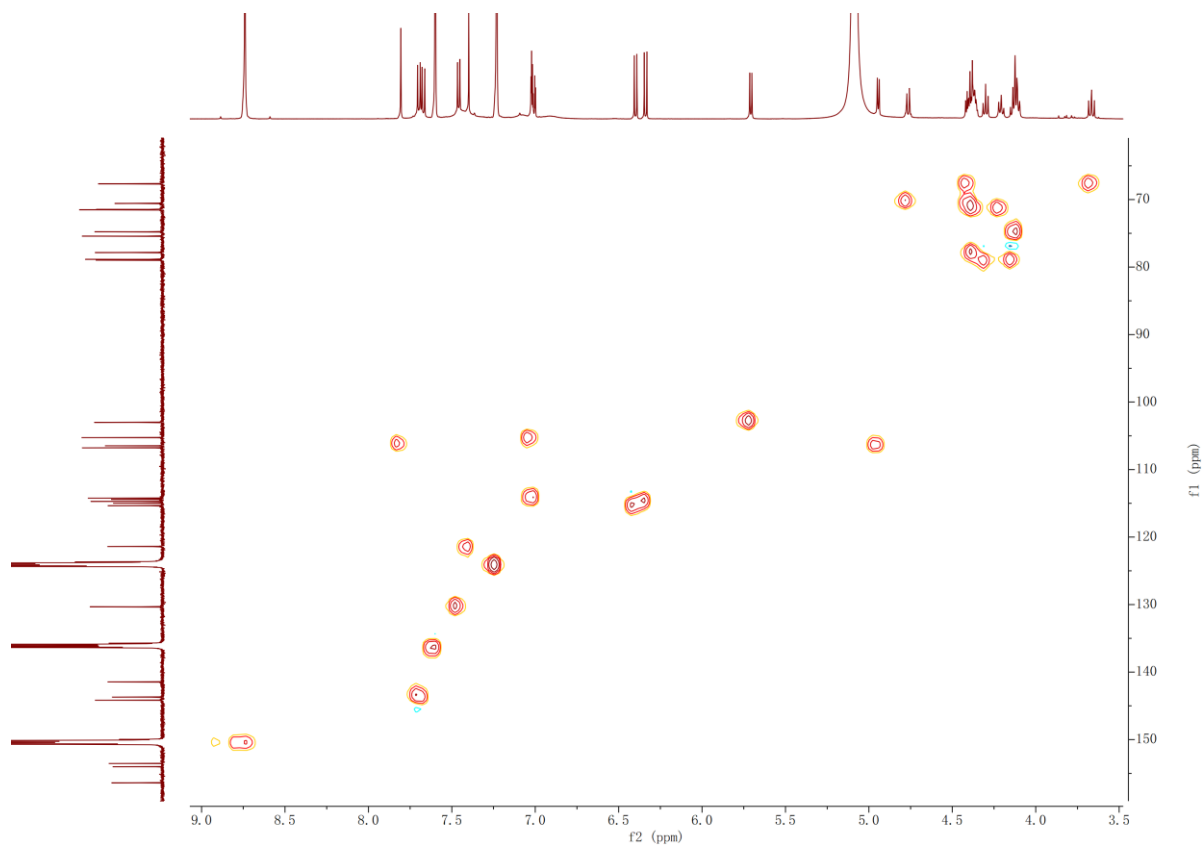


Figure S14. HSQC spectrum of compound **1** (600 MHz, Pyridine- d_5) (expanded).

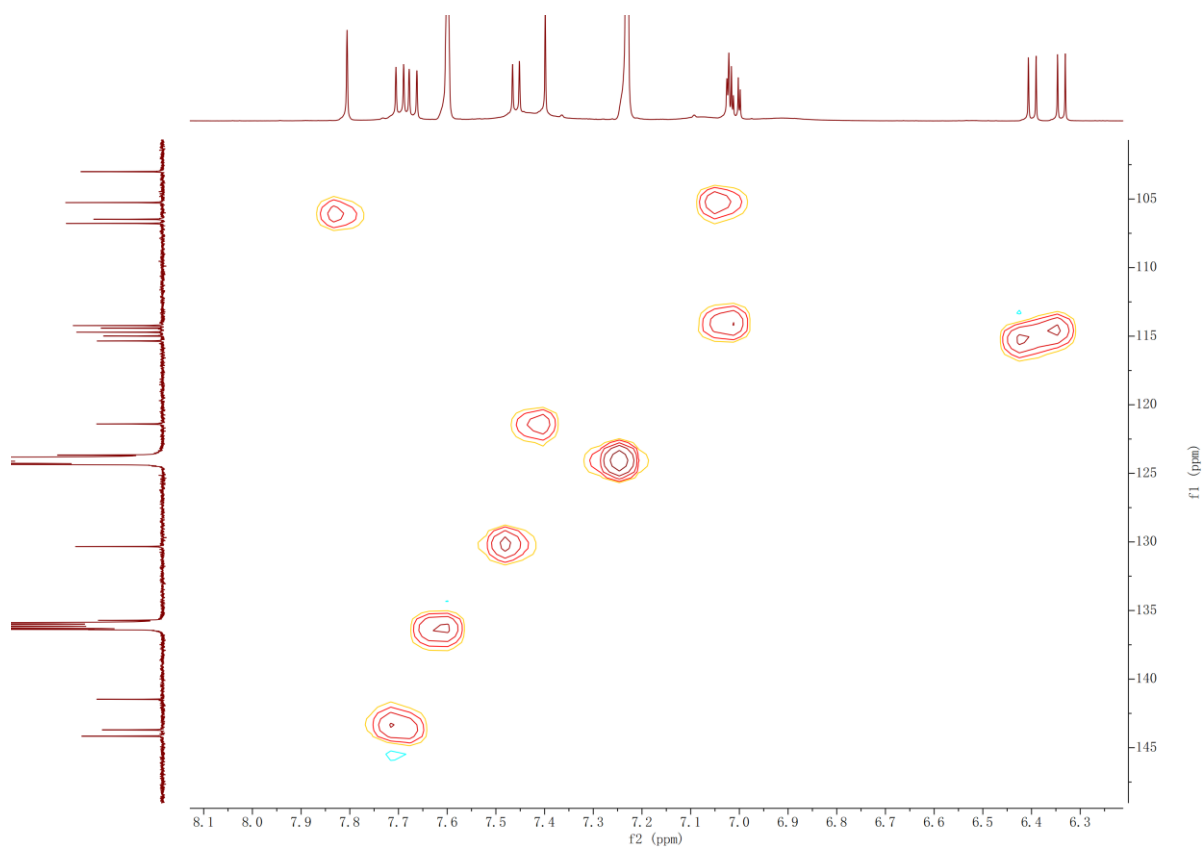


Figure S15. HSQC spectrum of compound **1** (600 MHz, Pyridine-*d*₅) (expanded).

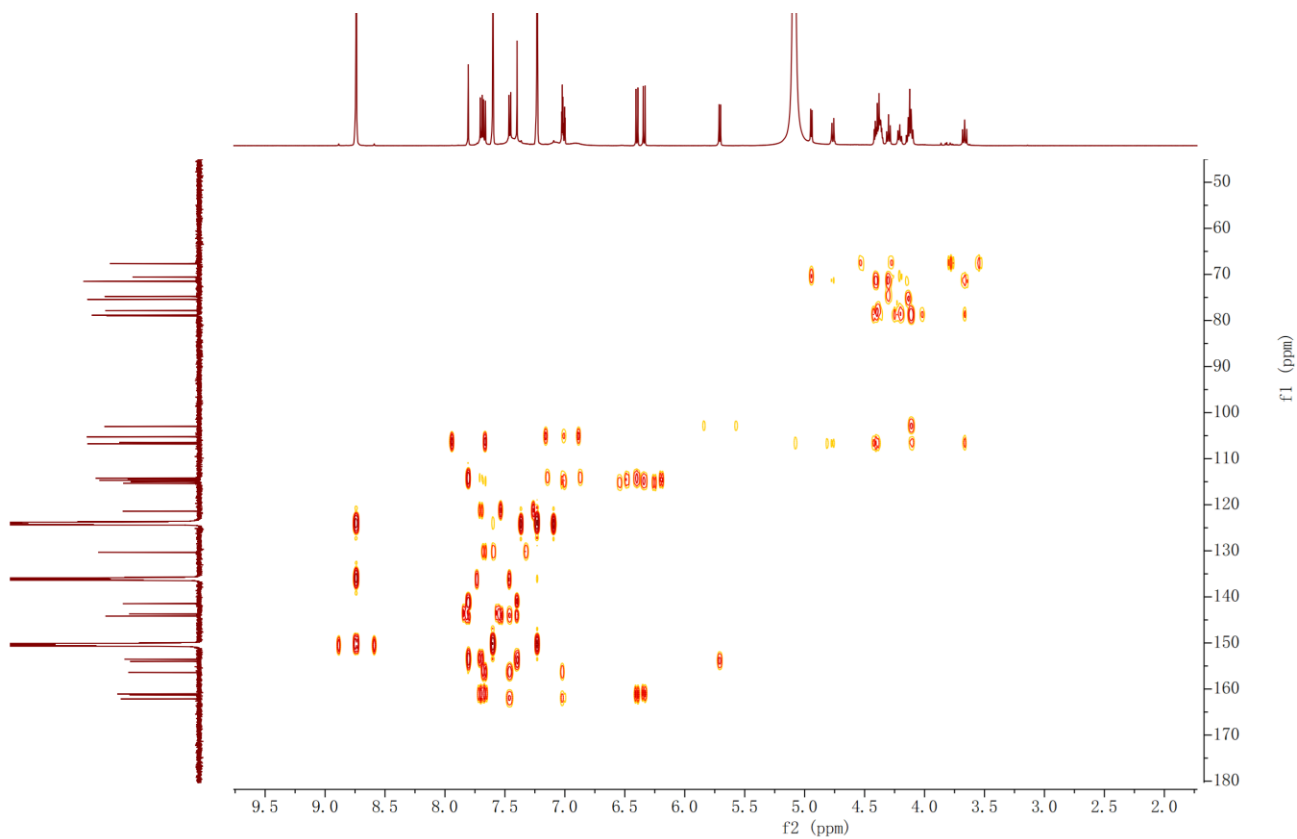


Figure S16. HMBC spectrum of compound **1** (600 MHz, Pyridine-*d*₅).

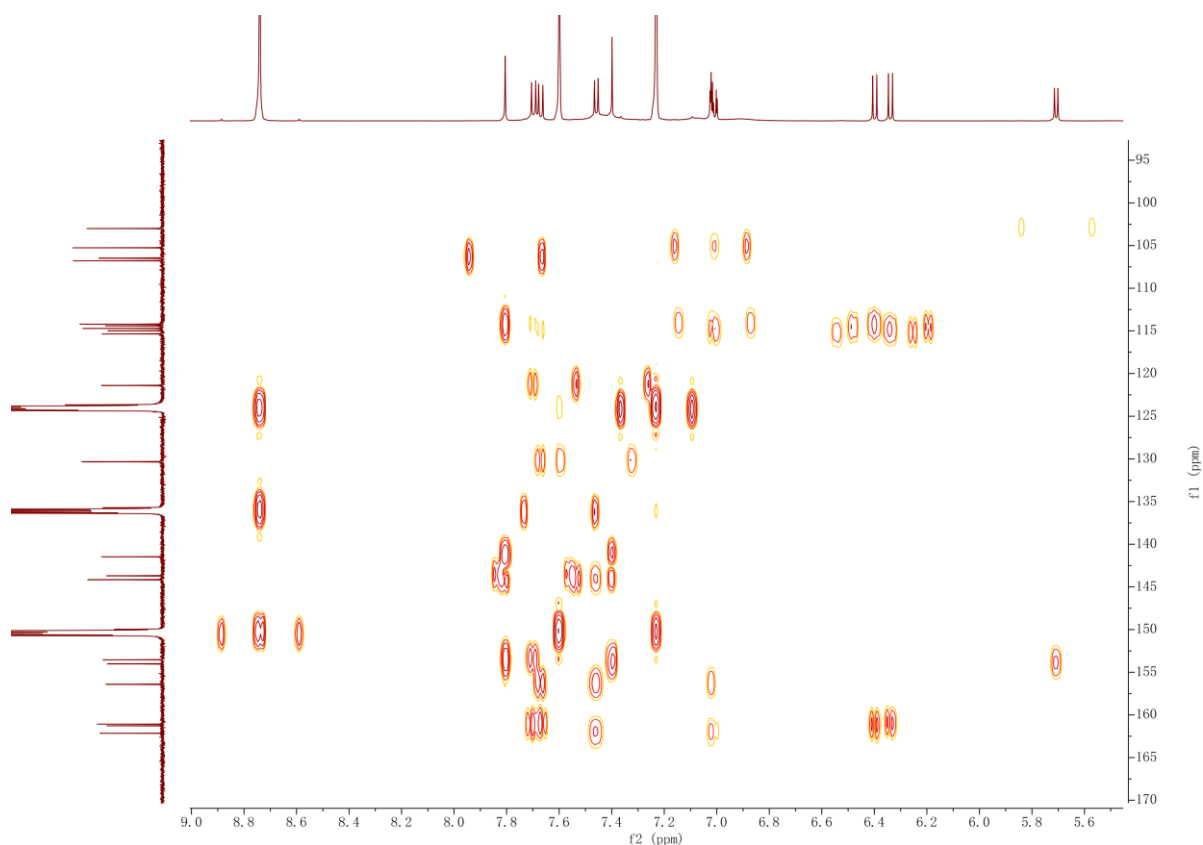


Figure S17. HMBC spectrum of compound **1** (600 MHz, Pyridine-*d*₅) (expanded).

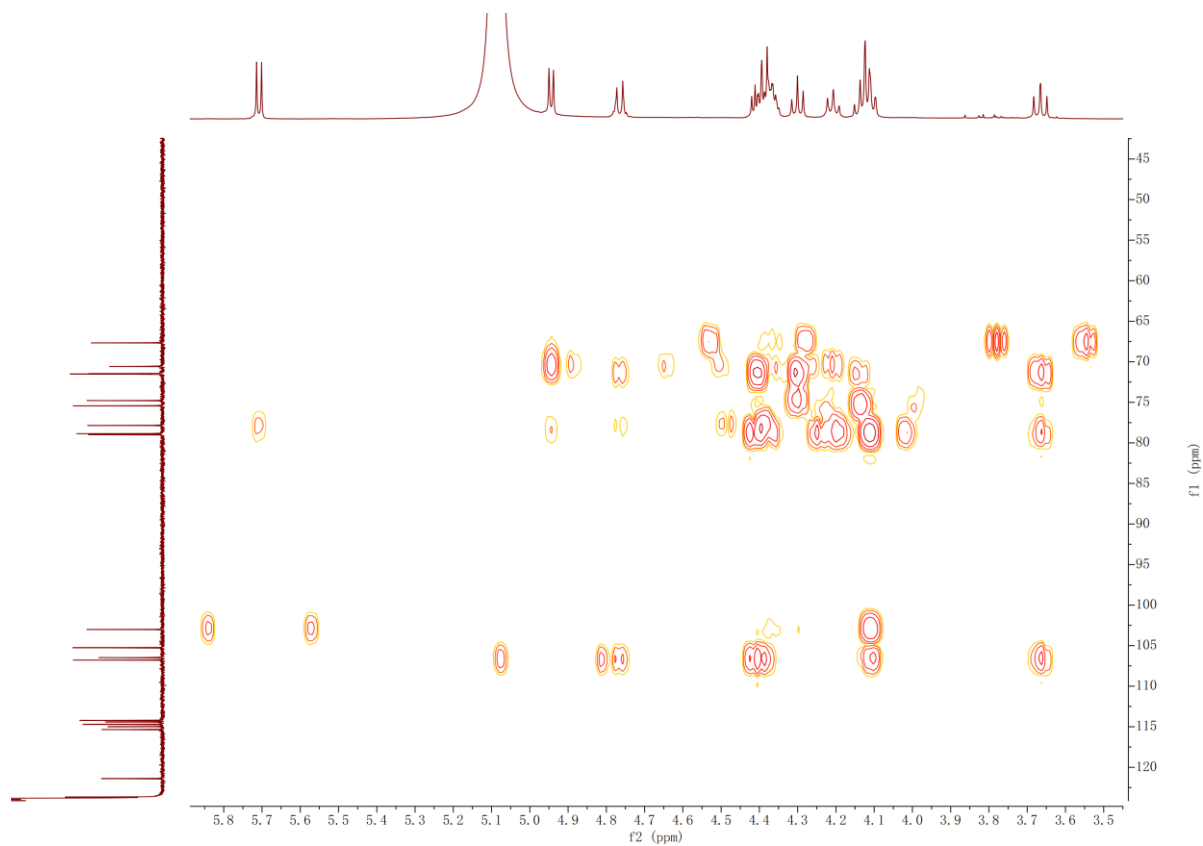


Figure S18. HMBC spectrum of compound **1** (600 MHz, Pyridine-*d*₅) (expanded).

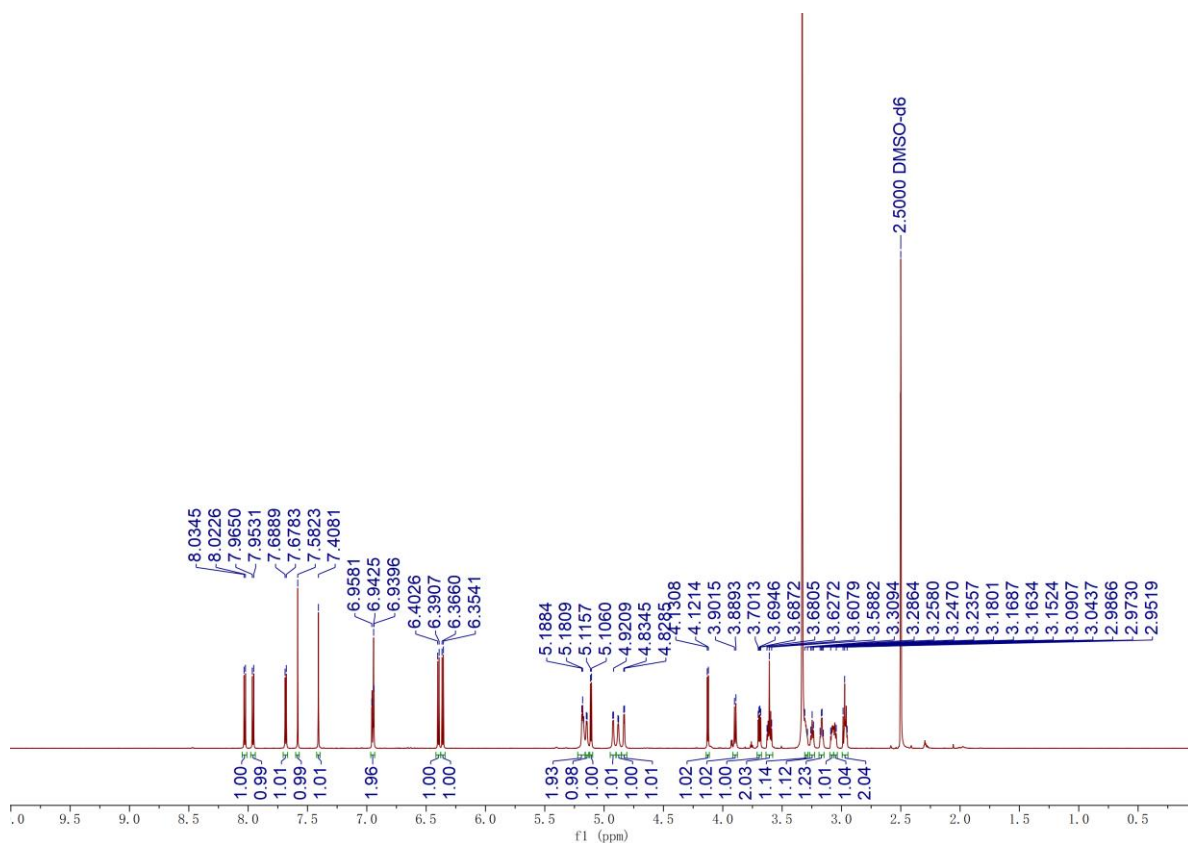


Figure S19: ¹H-NMR spectrum of compound 1 (800 MHz, DMSO-d₄).

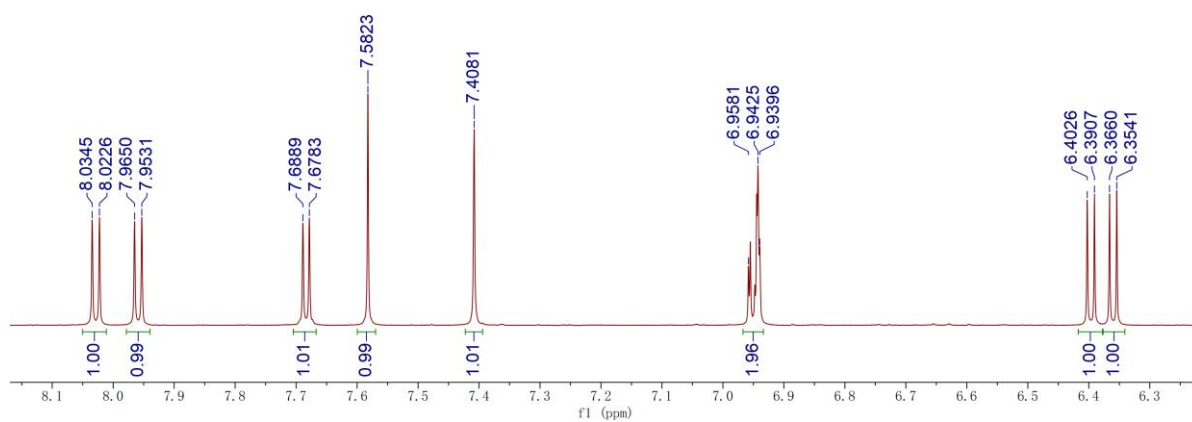


Figure S20: ¹H-NMR spectrum of compound 1 (800 MHz, DMSO-d₄) (expanded).

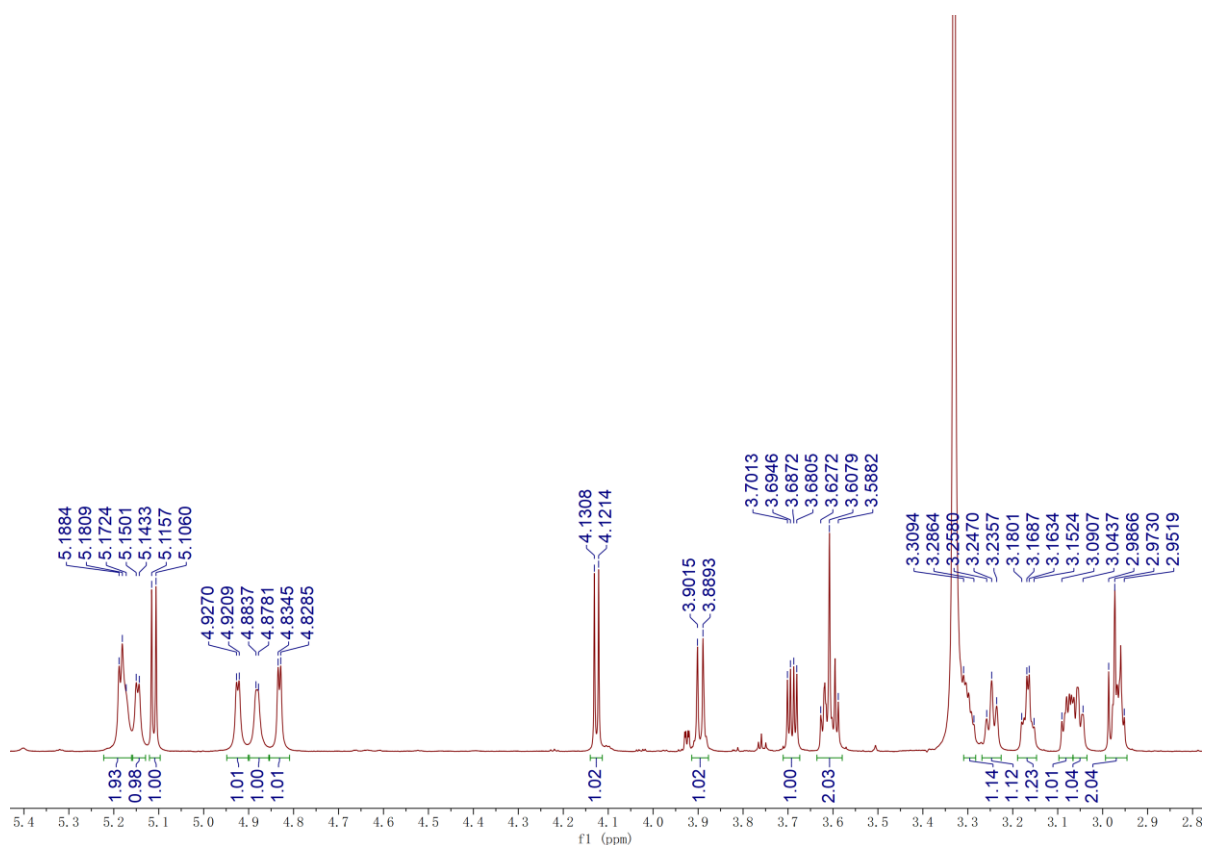


Figure S21: $^1\text{H-NMR}$ spectrum of compound **1** (800 MHz, DMSO-d_4) (expanded).

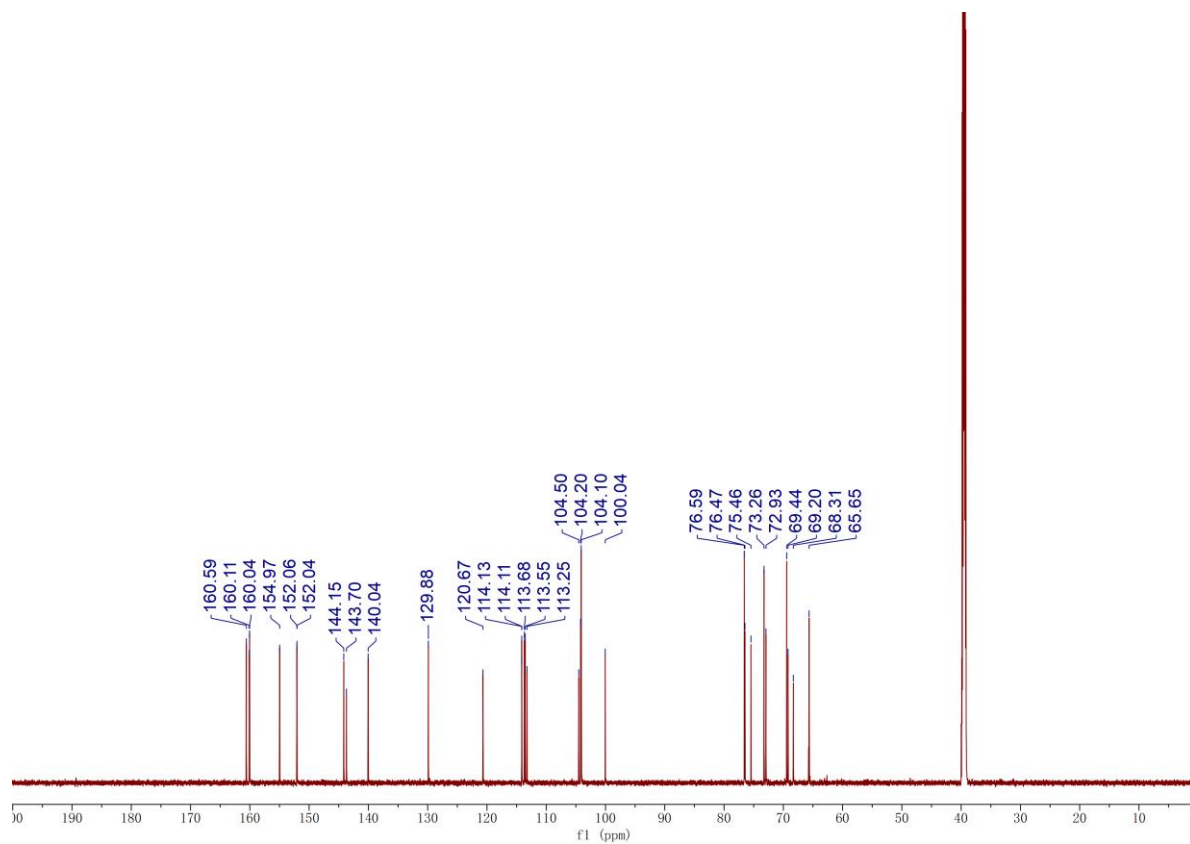


Figure S22: $^{13}\text{C-NMR}$ spectrum of compound **1** (200 MHz, DMSO-d_4).

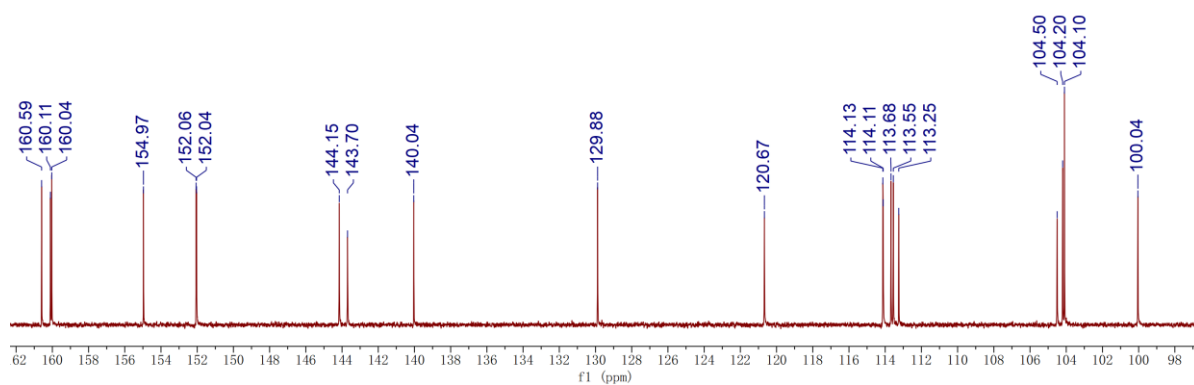


Figure S23: ^{13}C -NMR spectrum of compound **1** (200 MHz, $\text{DMSO-}d_4$) (expanded).

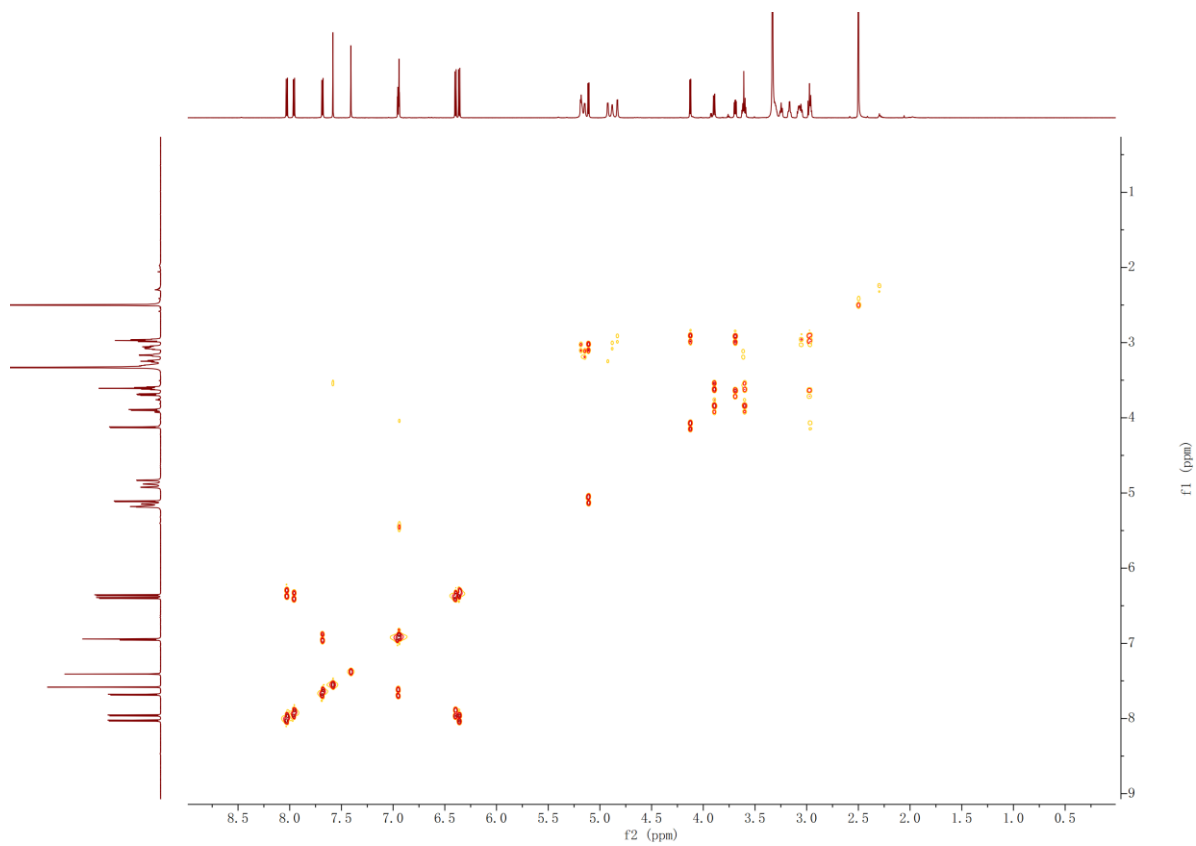


Figure S24: ^1H - ^1H COSY spectrum of compound **1** ($\text{DMSO-}d_4$).

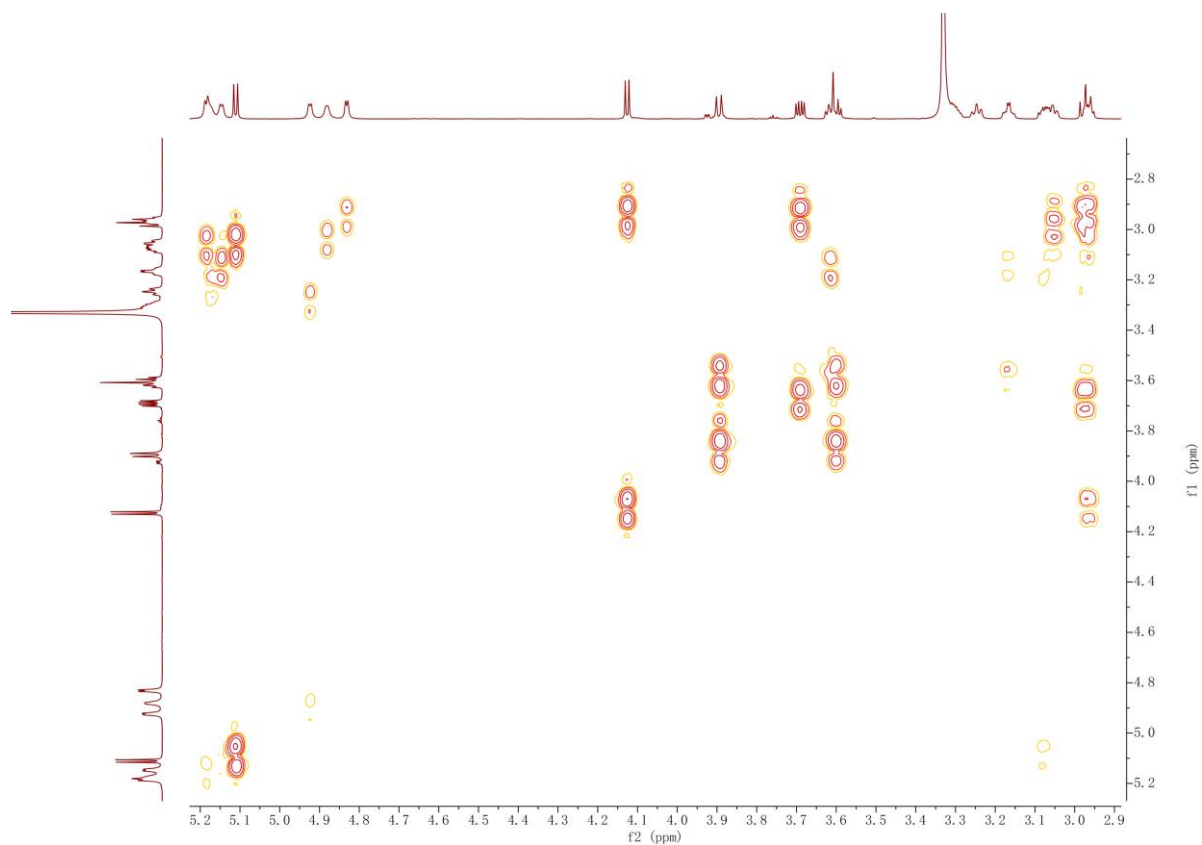


Figure S25: ¹H-¹H COSY spectrum of compound 1 (DMSO-*d*₄) (expanded).

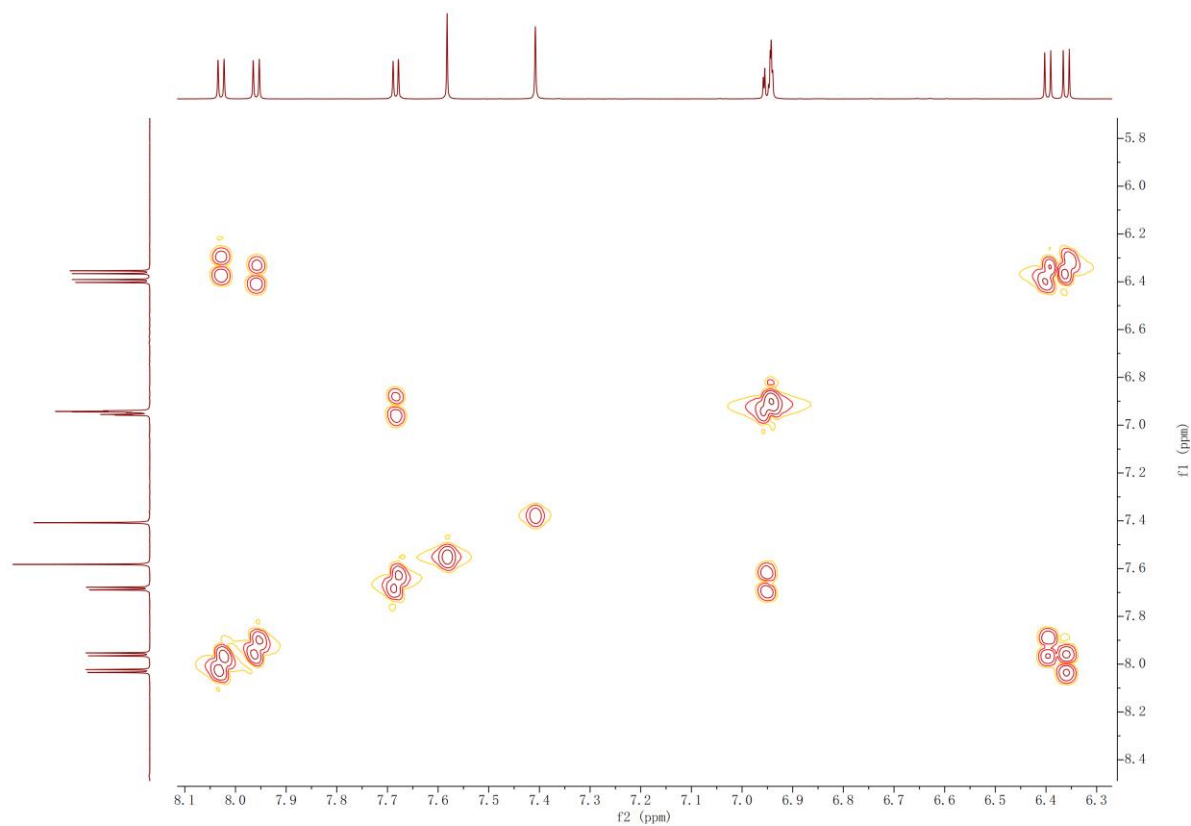


Figure S26: ¹H-¹H COSY spectrum of compound 1 (DMSO-*d*₄) (expanded).

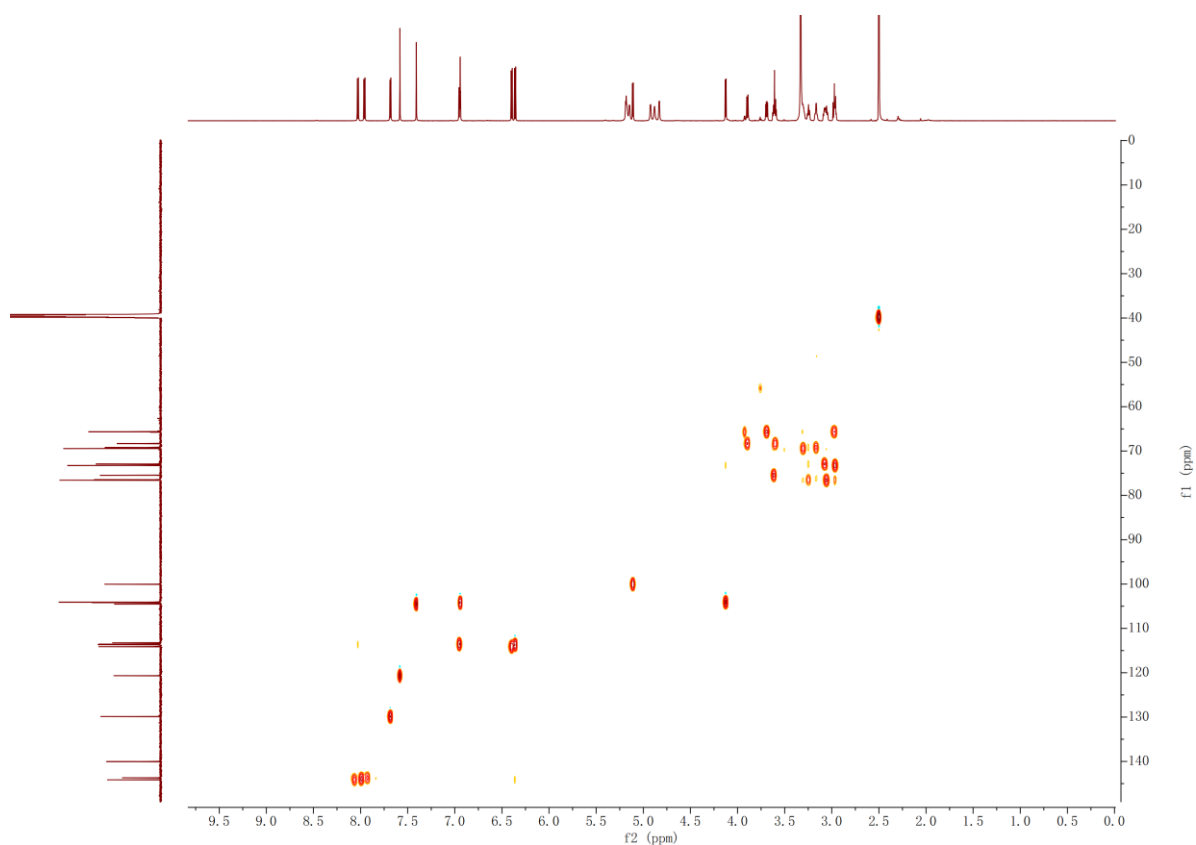


Figure S27: HSQC spectrum of compound **1** (DMSO-*d*₄).

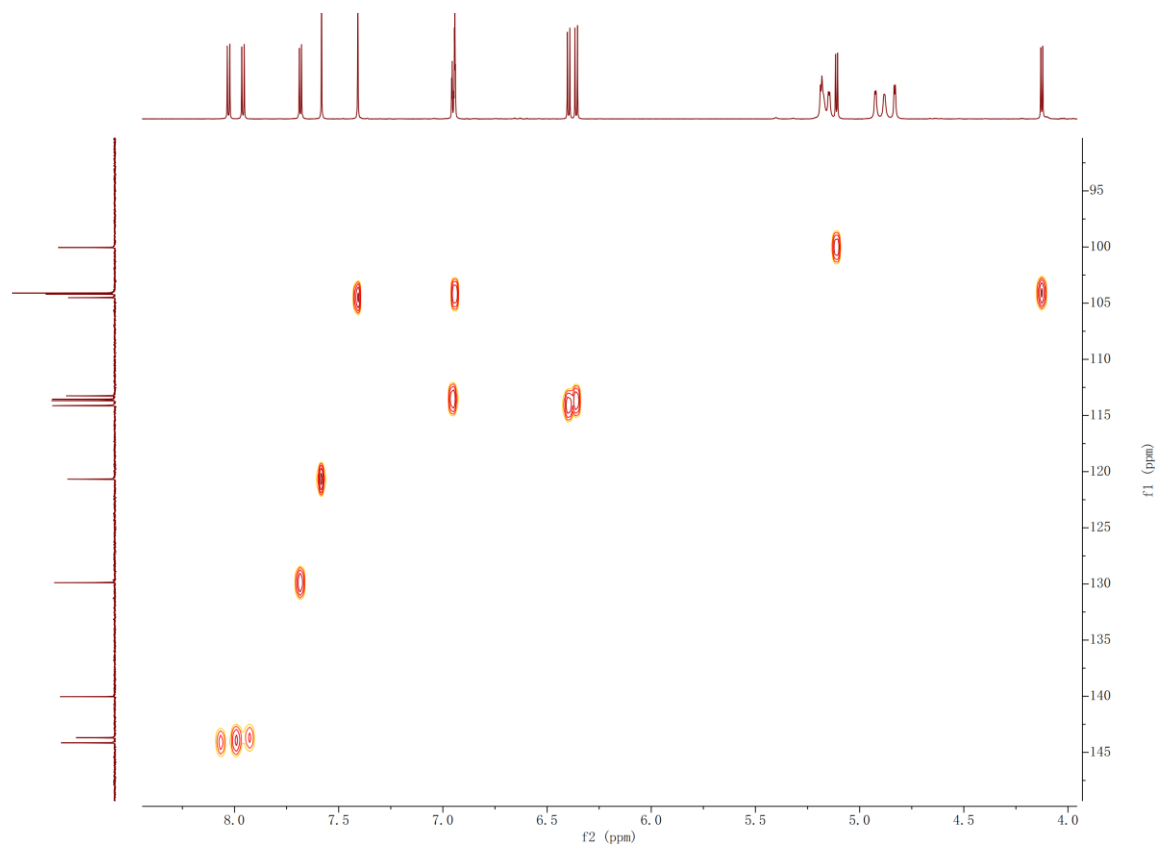


Figure S28 HSQC spectrum of compound **1** (DMSO-*d*₄) (expanded).

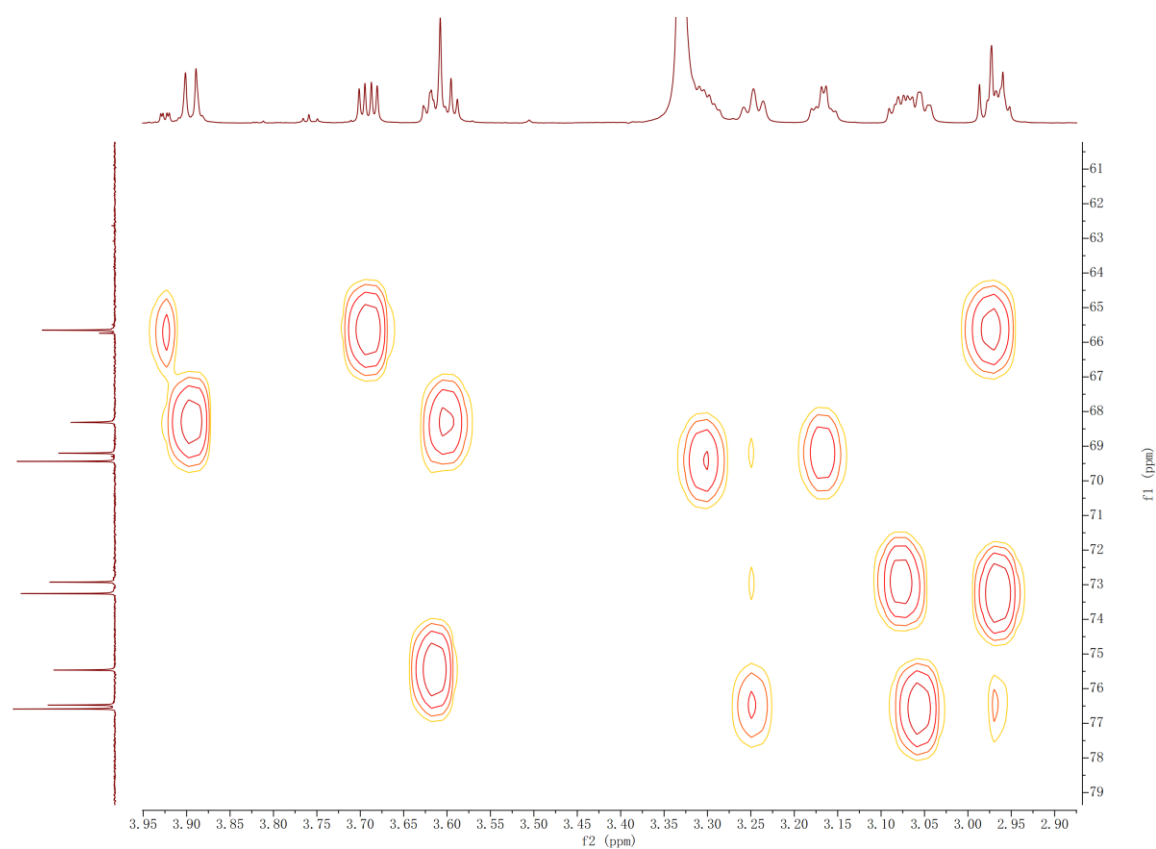


Figure S29: HSQC spectrum of compound **1** (DMSO-*d*₄) (expanded).

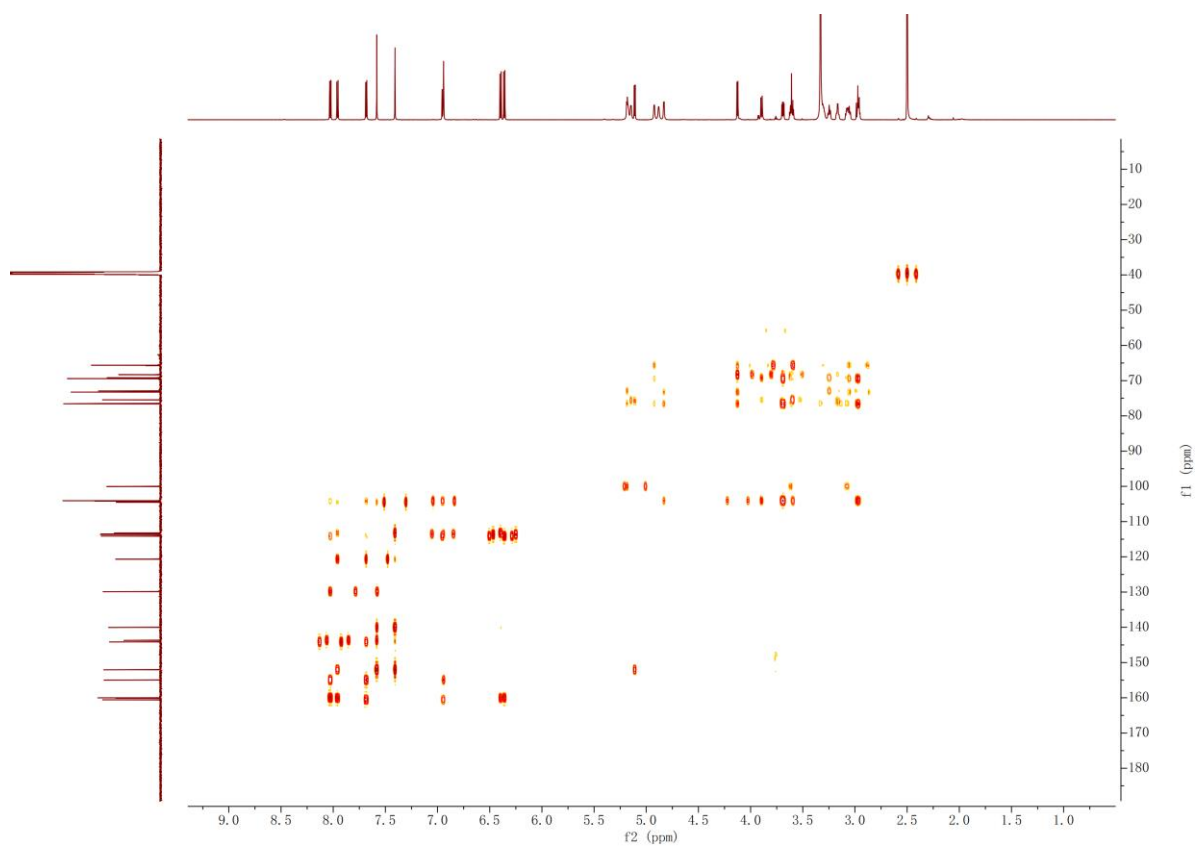


Figure S30: HMBC spectrum of compound **1** (DMSO-*d*₄).

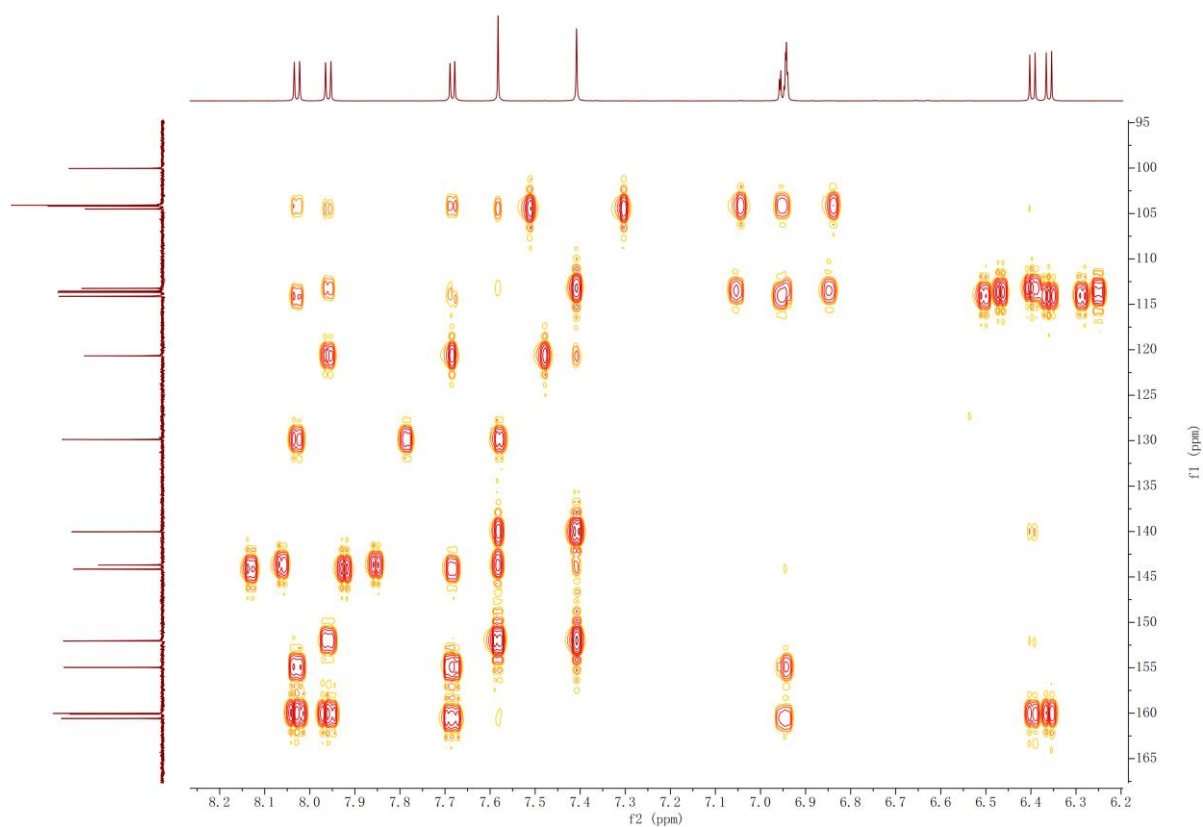


Figure S31: HMBC spectrum of compound **1** (DMSO- d_4) (expanded).

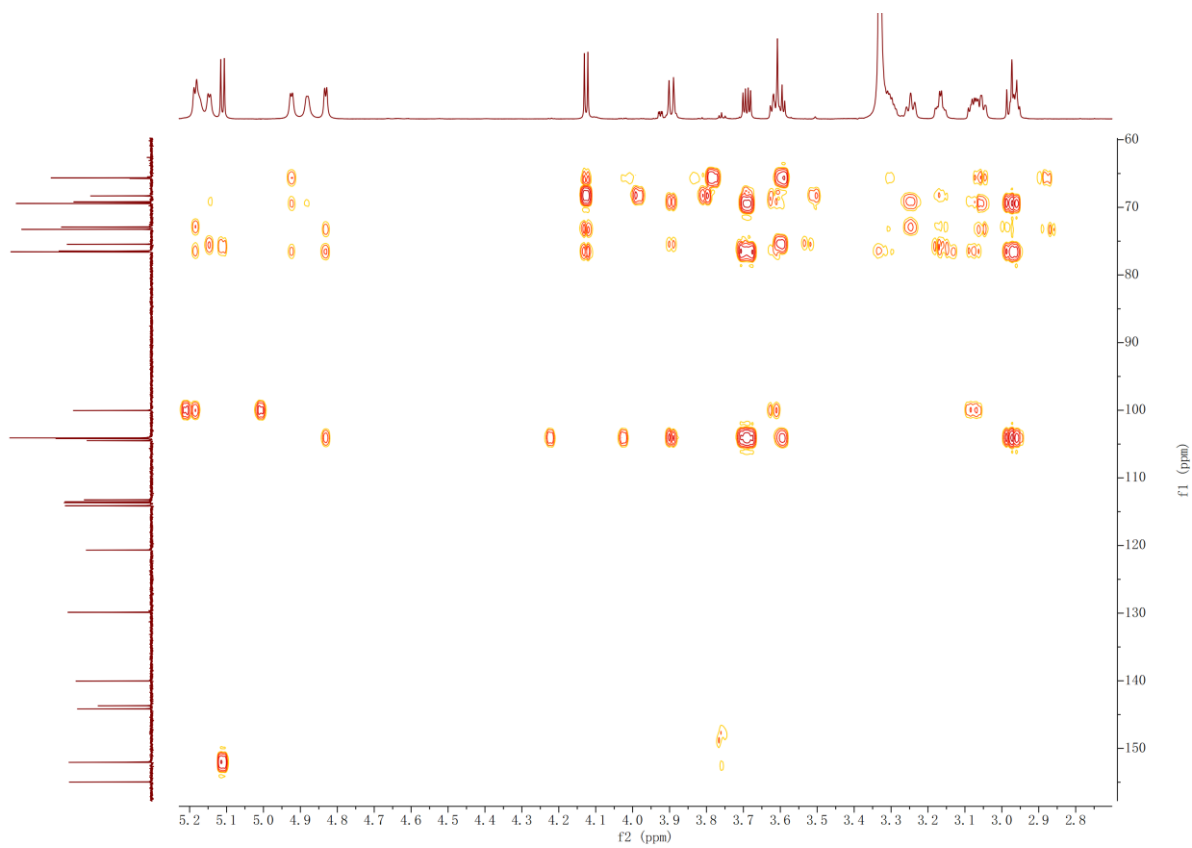


Figure S32: HMBC spectrum of compound **1** (DMSO- d_4) (expanded).

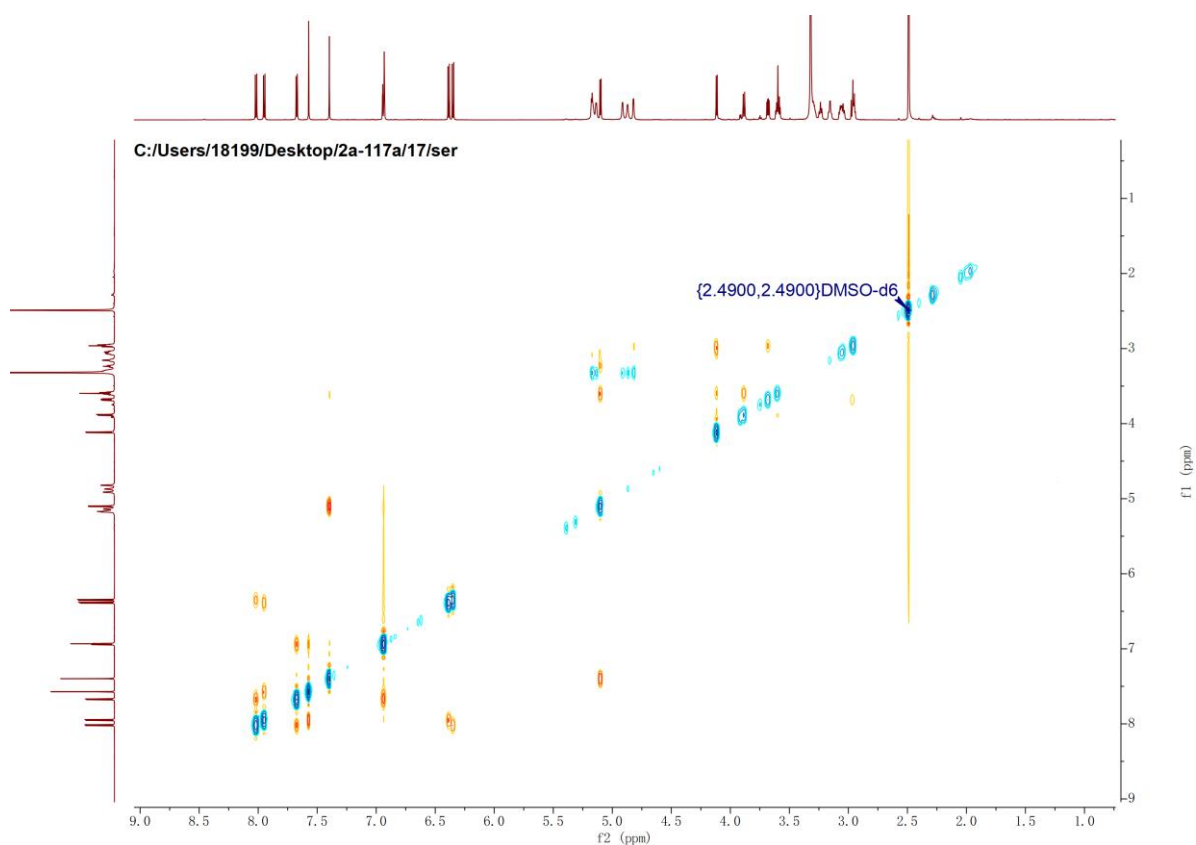


Figure S33: NOESY spectrum of compound 1 (DMSO- d_4).

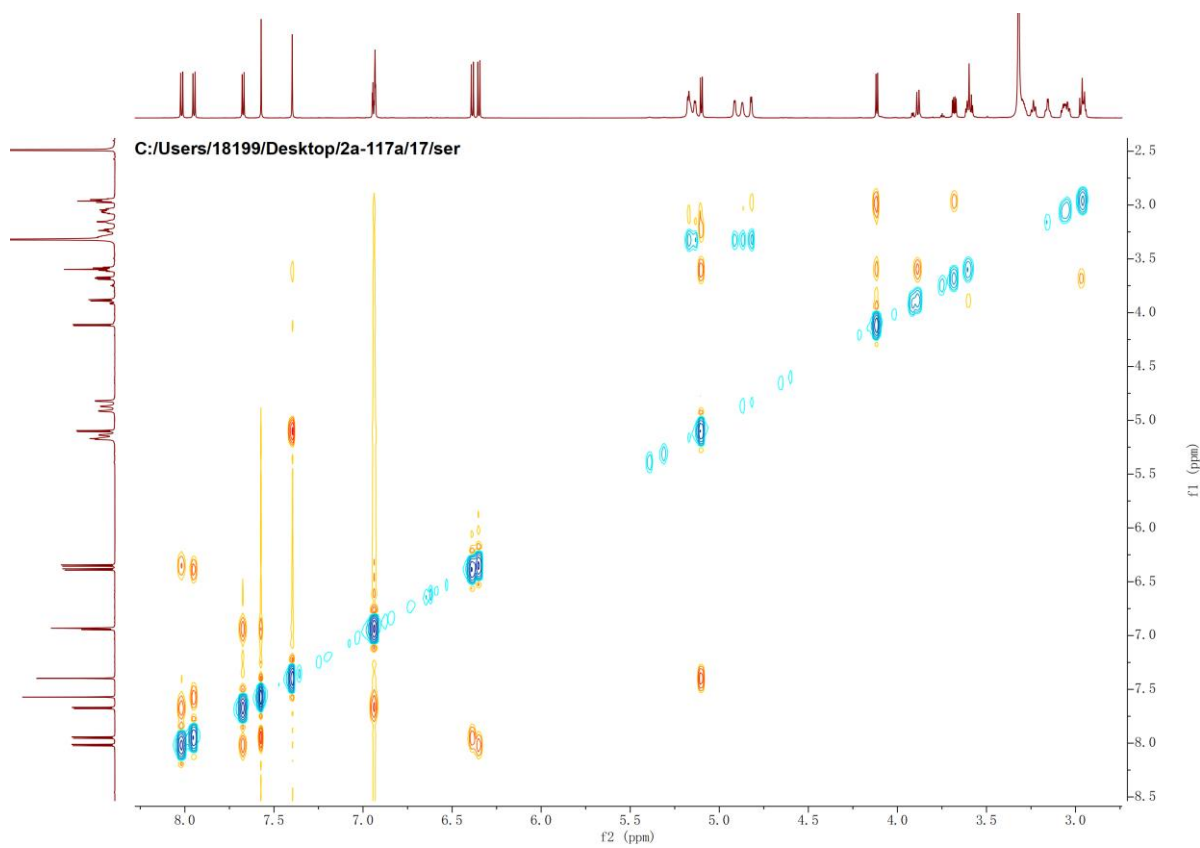


Figure S34: NOESY spectrum of compound 1 (DMSO- d_4) (expanded).