
SUPPLEMENTARY MATERIAL

Chemical constituents and bioactivities of the Plant-Derived Fungus *Aspergillus fumigatus*

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Contents

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

Figure S2. UV spectrum of compound **1**.

Figure S3. ECD spectrum of compound **1**.

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

Figure S5. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **1**.

Figure S6. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **1**.

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

Figure S8. HSQC spectrum of compound **1**.

Figure S9. HMBC spectrum of compound **1**.

Figure S10. NOESY spectrum of compound **1**.

Figure S11. ^1H NMR spectrum (500 MHz, $\text{CD}_3\text{OD}:\text{CDCl}_3$ -1:1) of compound **2**.

Figure S12. ^{13}C NMR spectrum (125 MHz, $\text{CD}_3\text{OD}:\text{CDCl}_3$ -1:1) of compound **2**.

Figure S13. ^1H NMR spectrum (500 MHz, $\text{DMSO}-d_6$) of compound **3**.

Figure S14. ^{13}C NMR spectrum (125 MHz, $\text{DMSO}-d_6$) of compound **3**.

Figure S15. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **4**.

Figure S16. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **4**.

Figure S17. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **5**.

Figure S18. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **5**.

Figure S19. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **6**.

Figure S20. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **6**.

Figure S21. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **7**.

Figure S22. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **7**.

Figure S23. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **8**.

Figure S24. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **8**.

Figure S25. ^1H NMR spectrum (500 MHz, $\text{DMSO}-d_6$) of compound **9**.

Figure S26. ^{13}C NMR spectrum (125 MHz, $\text{DMSO}-d_6$) of compound **9**.

Figure S27. ^1H NMR spectrum (500 MHz, CD_3OD) of compound **10**.

Figure S28. ^{13}C NMR spectrum (125 MHz, CD_3OD) of compound **10**.

Figure S29. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **11**.

Figure S30. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **11**.

Figure S31. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **12**.

Figure S32. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **12**.

Figure S33. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **13**.

Figure S34. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **13**.

Figure S35. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **14**.

Figure S36. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **14**.

Figure S37. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **15**.

Figure S38. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **15**.

Table S1. Evaluation of antibacterial activity of compounds **1-15**.

Figure S39. 96-well plate antibacterial results.

Table S2. Evaluation of antibacterial activity of compounds **4**.

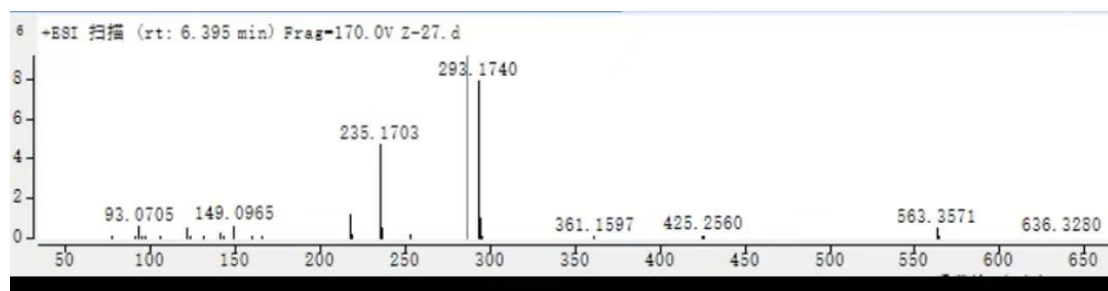


Figure S1. HRESIMS spectrum of compound 1.

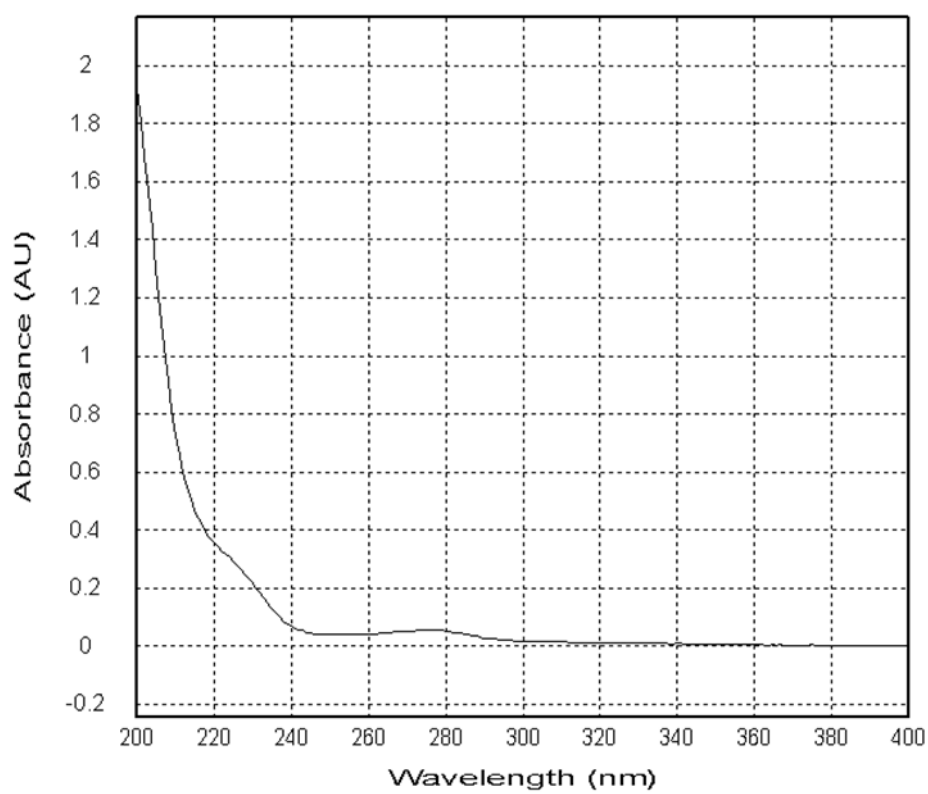


Figure S2. UV spectrum of compound 1.

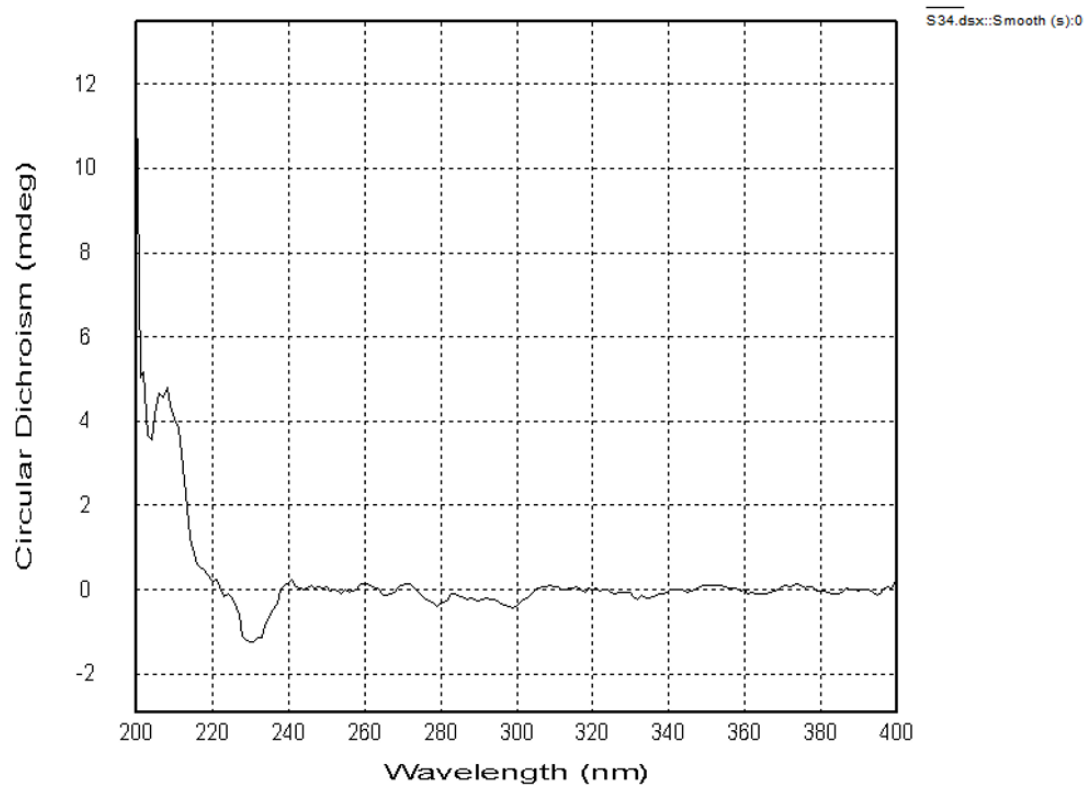


Figure S3. ECD spectrum of compound **1**.

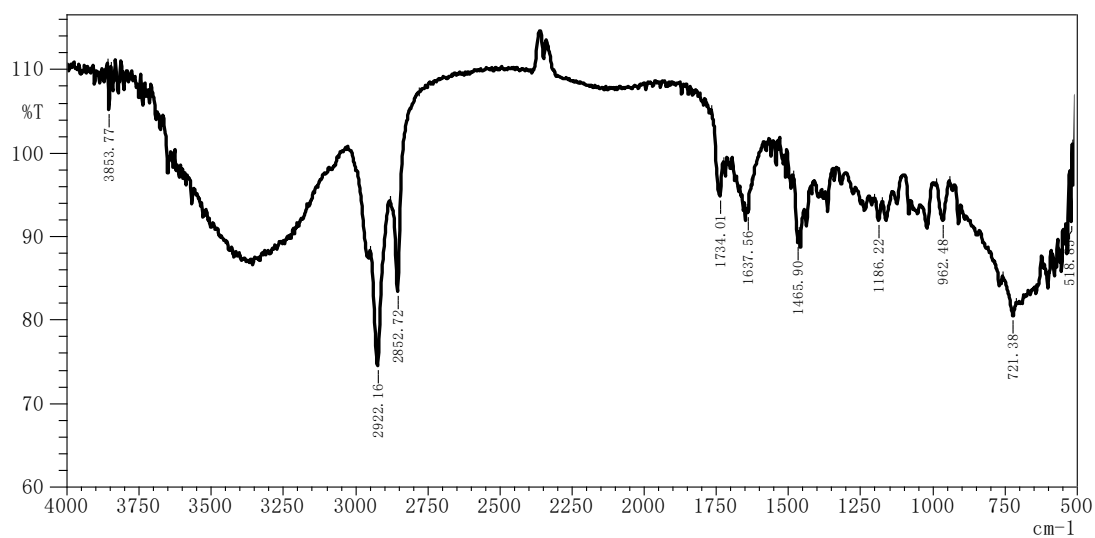


Figure S4. IR spectrum of compound **1**.

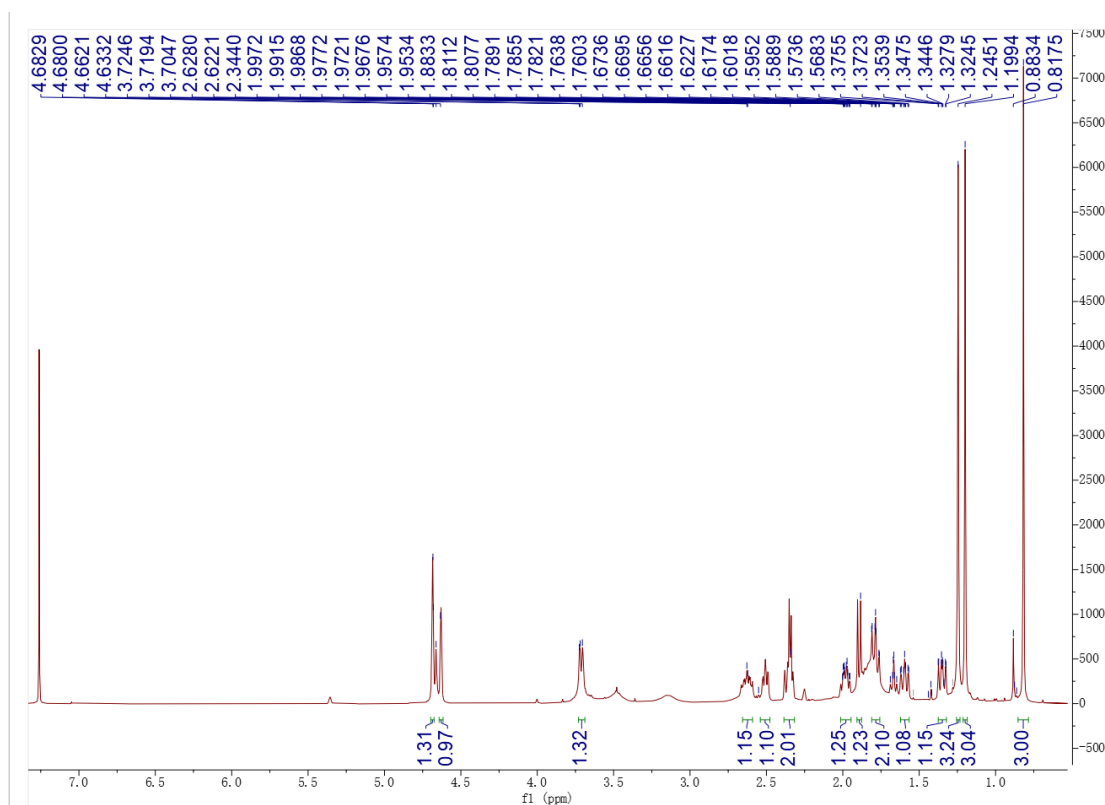


Figure S5. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **1**.

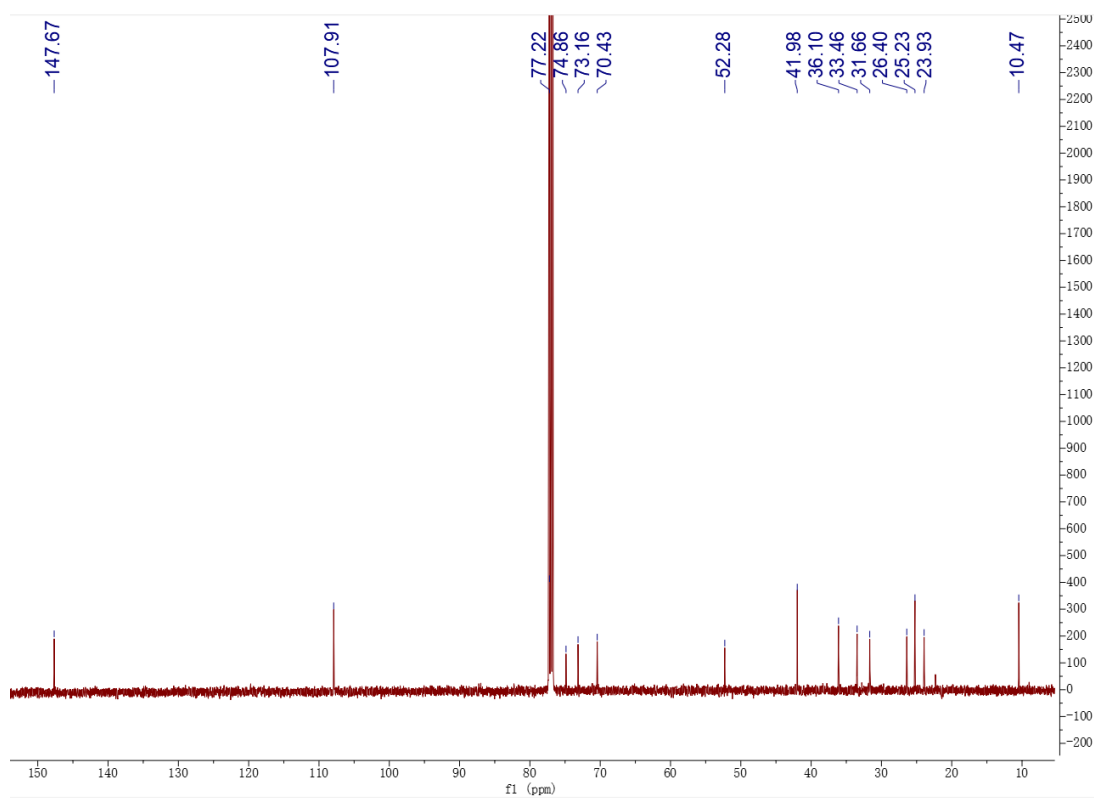


Figure S6. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **1**.

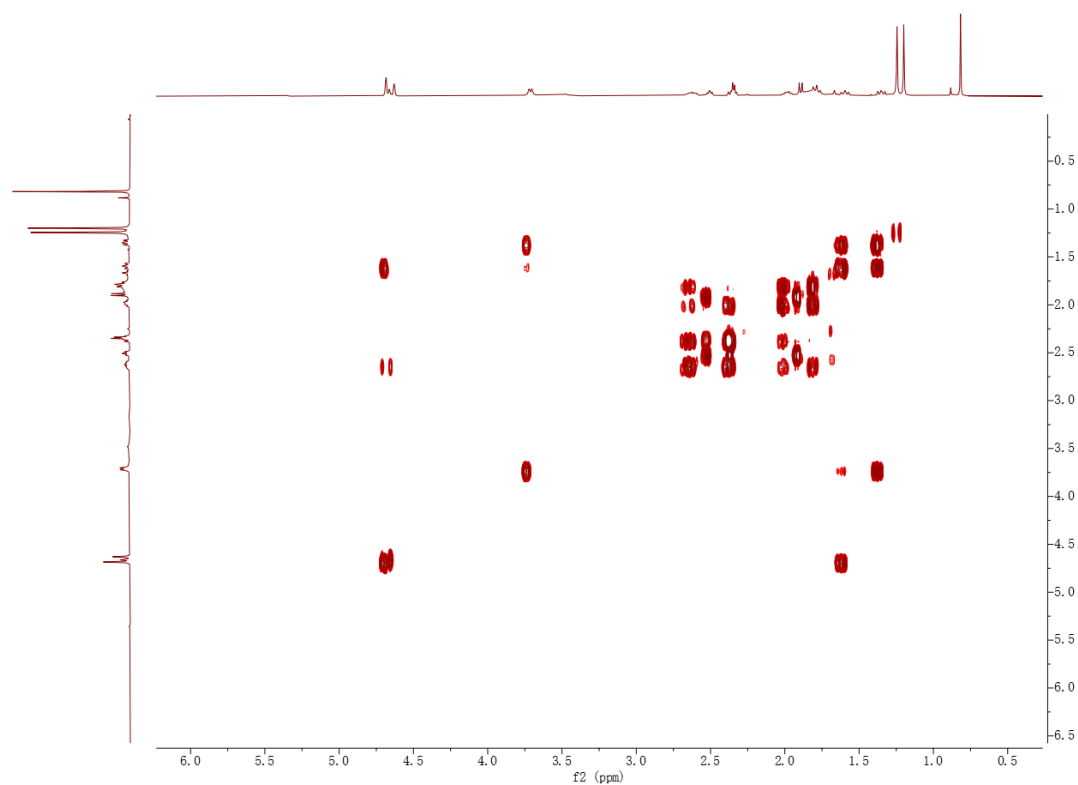


Figure S7. ^1H - ^1H COSY spectrum of compound **1**.

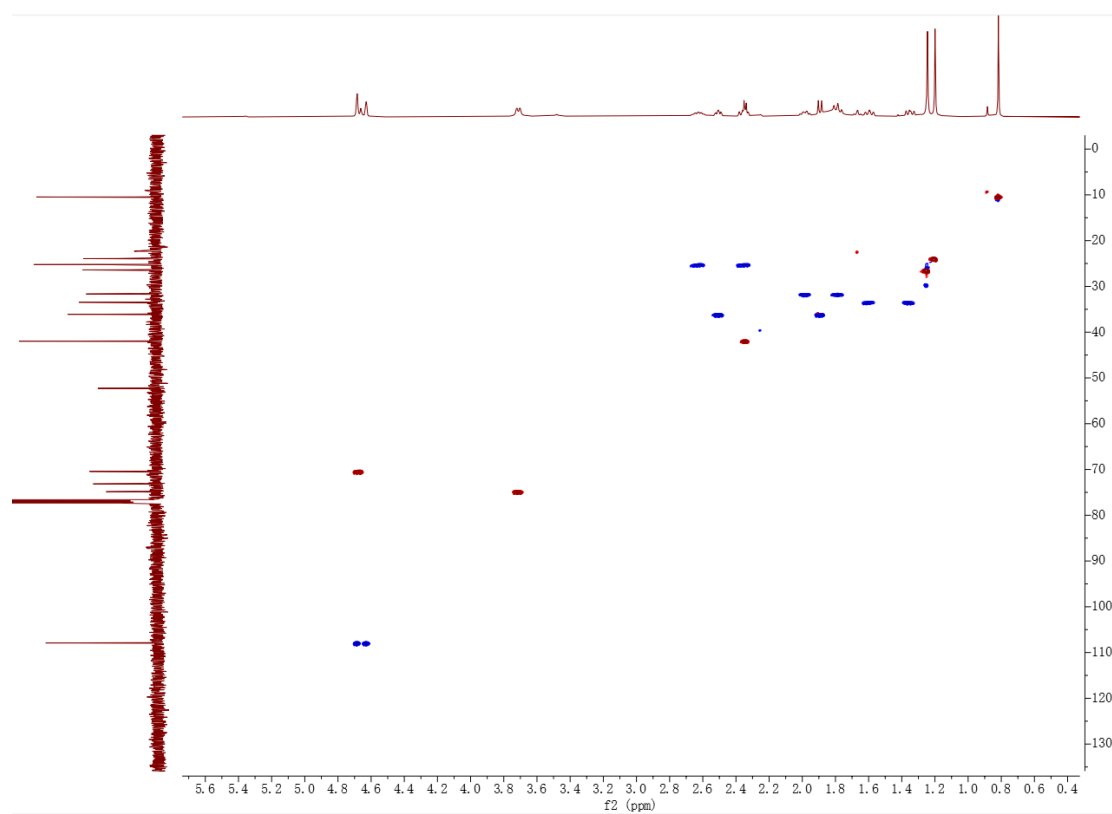


Figure S8. HSQC spectrum of compound **1**.

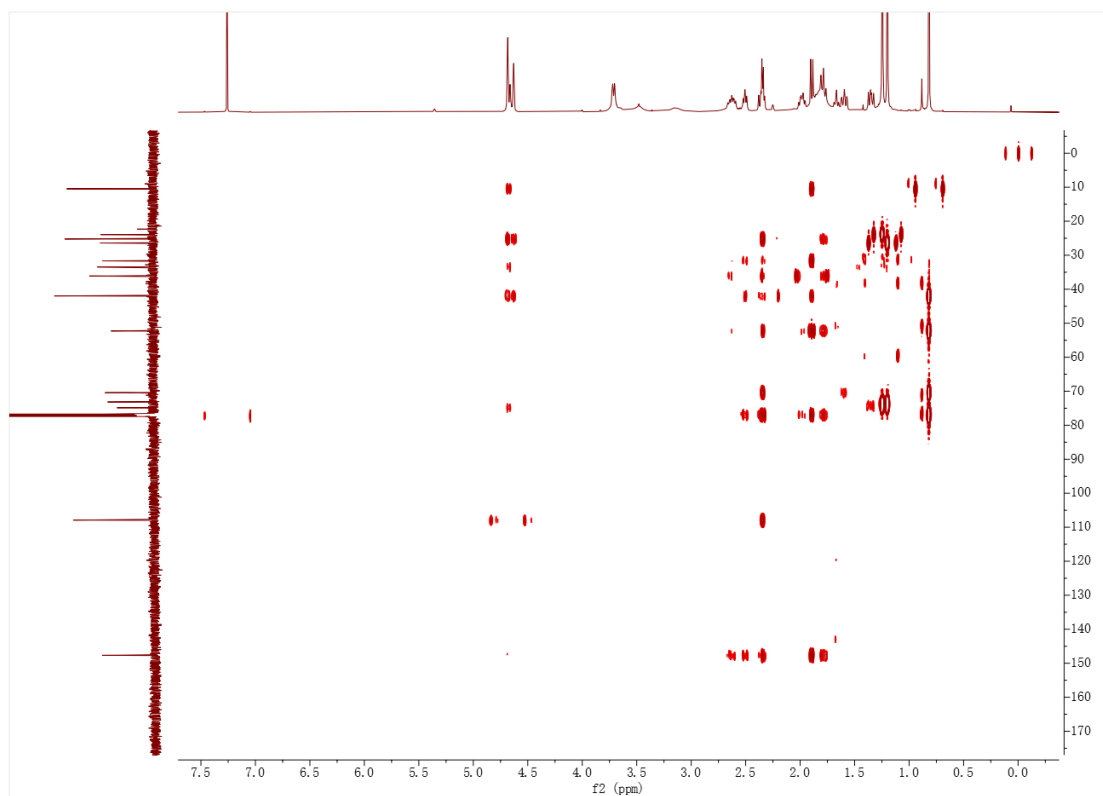


Figure S9. HMBC spectrum of compound **1**.

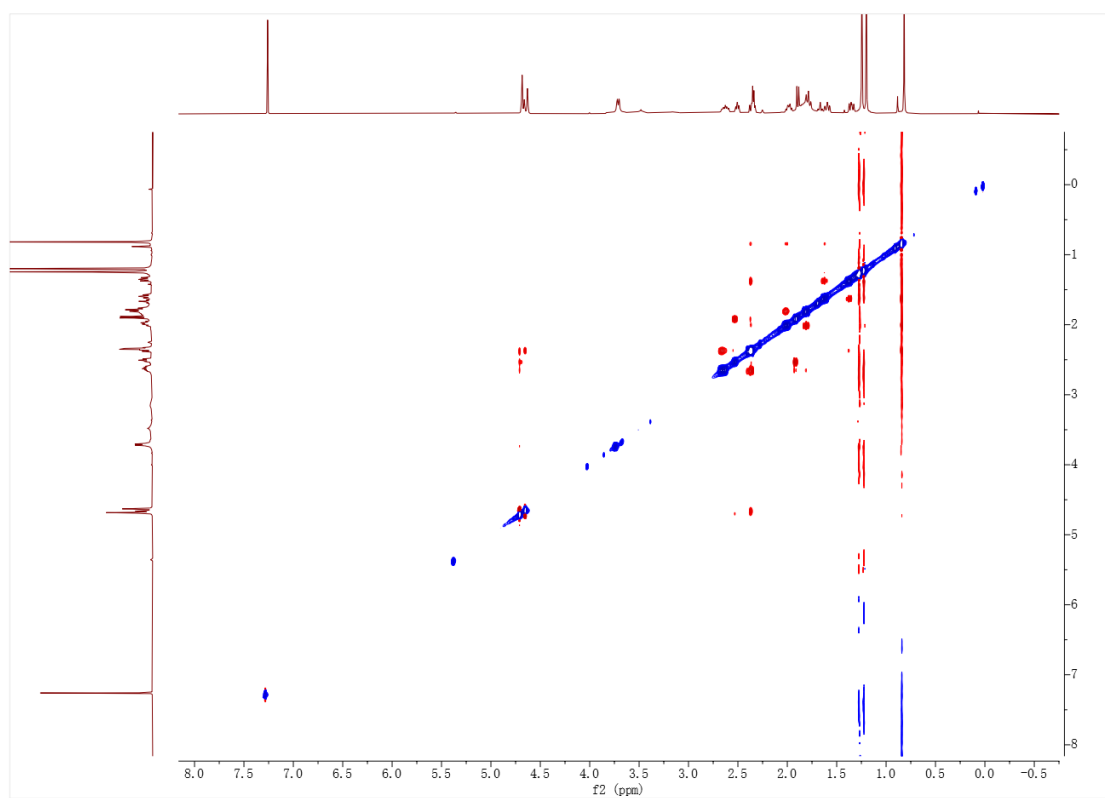


Figure S10. NOESY spectrum of compound **1**.

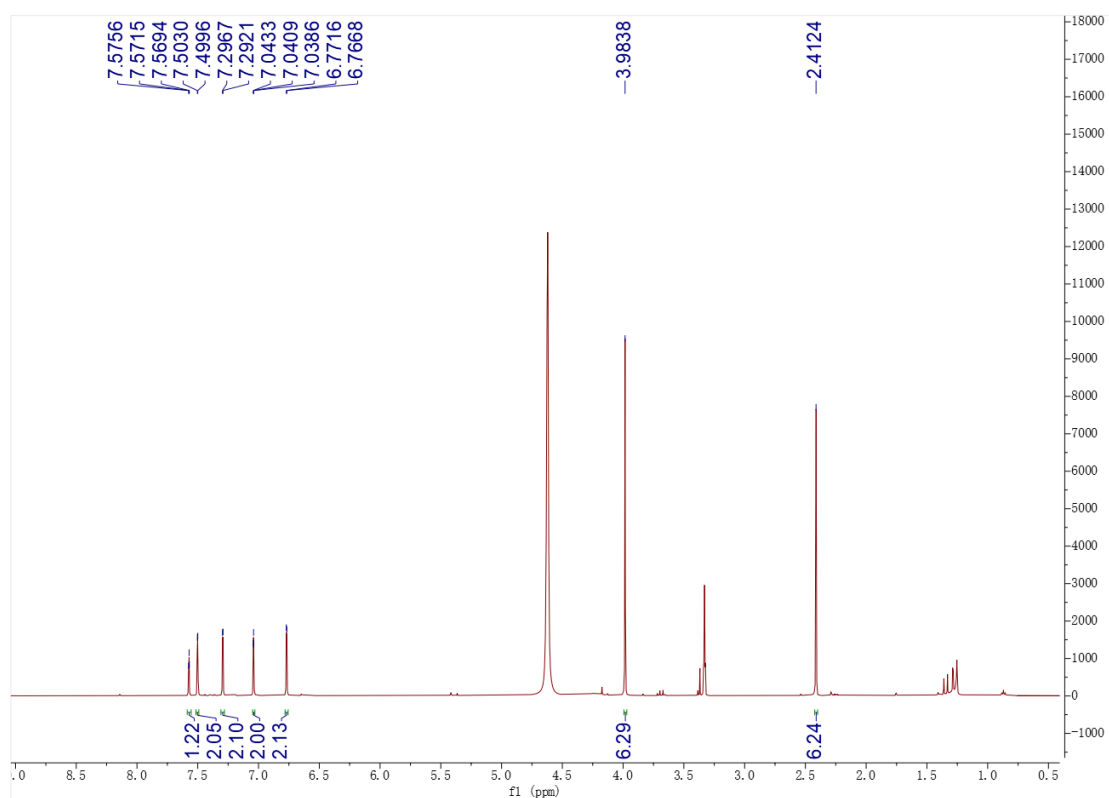


Figure S11. ¹H NMR spectrum (500 MHz, CD₃OD:CDCl₃-1:1) of compound **2**.

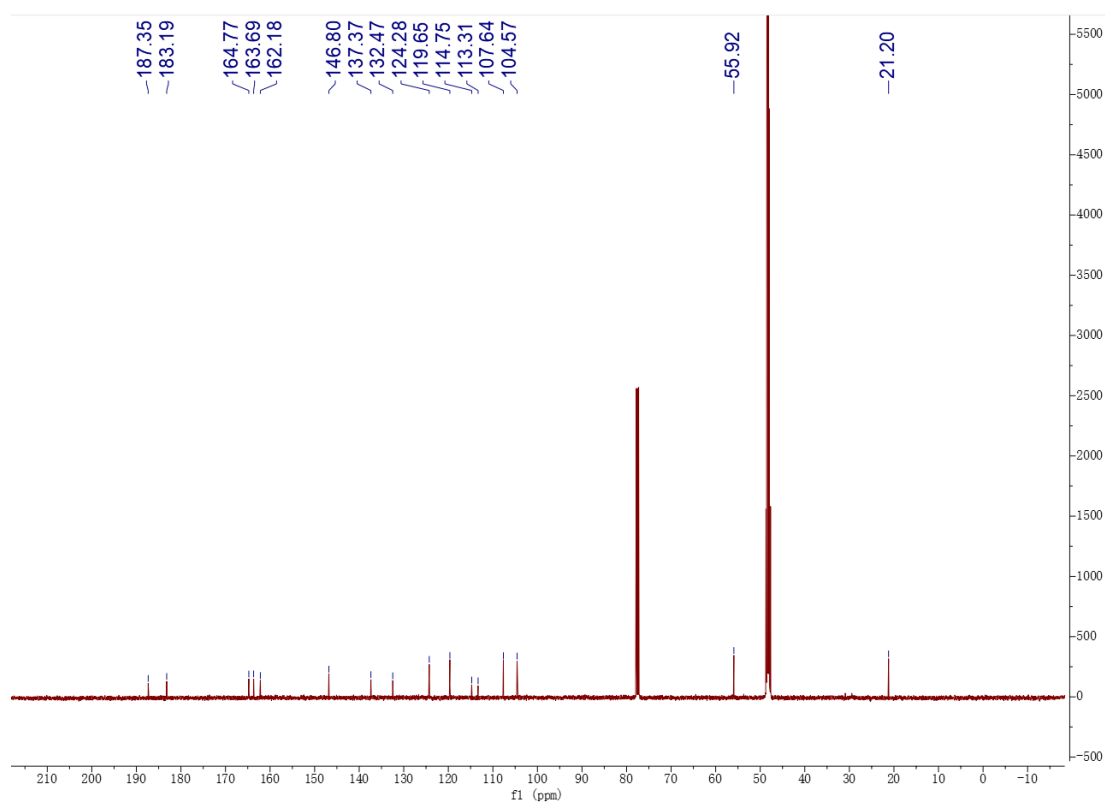


Figure S12. ¹³C NMR spectrum (125 MHz, CD₃OD:CDCl₃-1:1) of compound **2**.

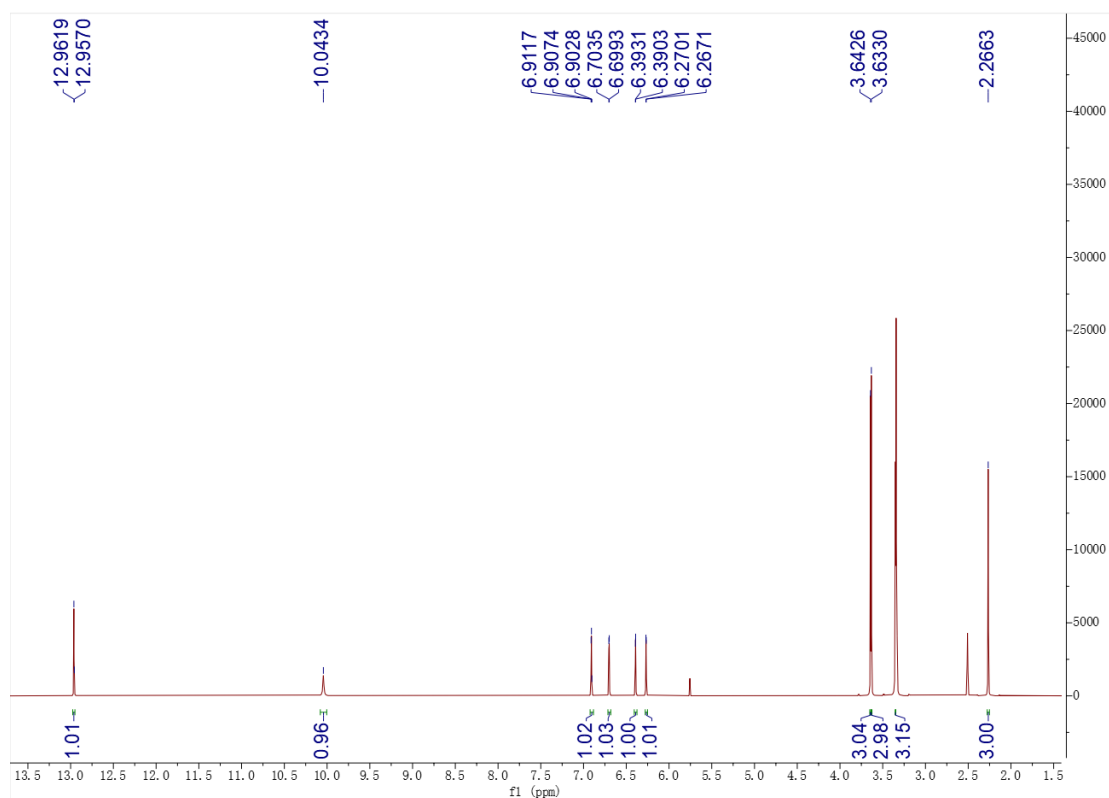


Figure S13. ¹H NMR spectrum (500 MHz, DMSO-*d*₆) of compound **3**.

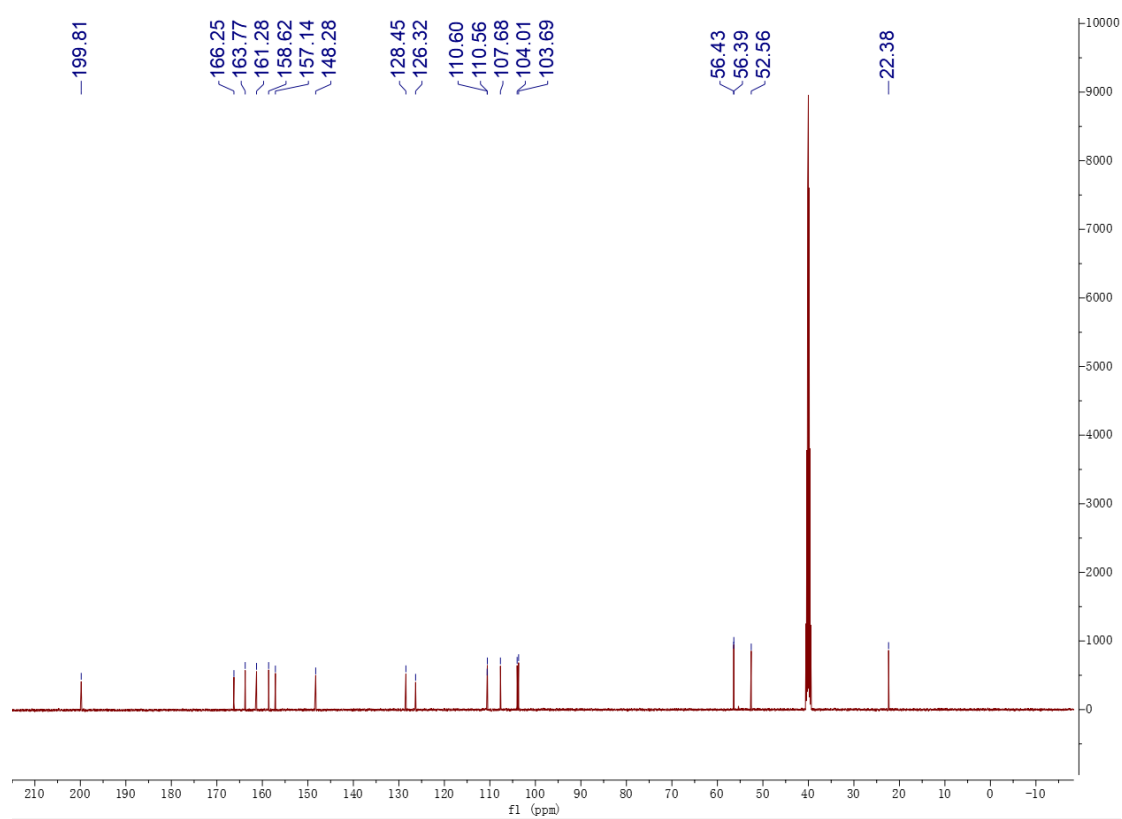


Figure S14. ¹³C NMR spectrum (125 MHz, DMSO-*d*₆) of compound **3**.

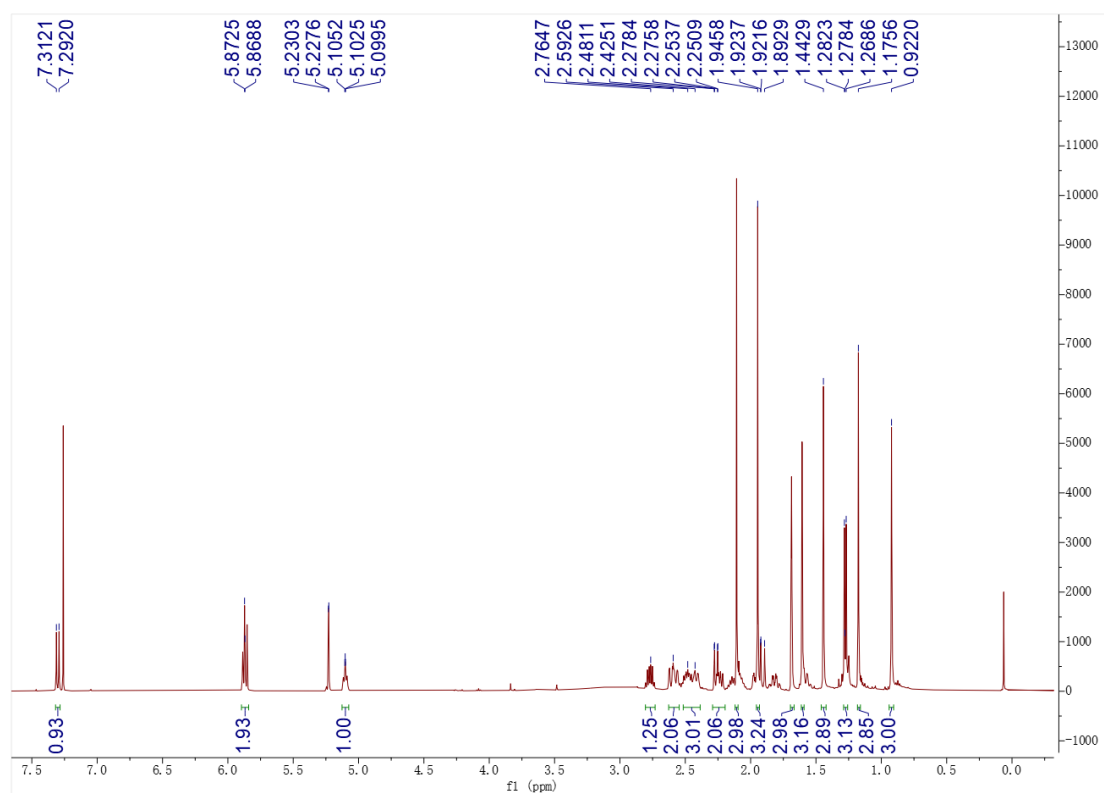


Figure S15. ¹H NMR spectrum (500 MHz, CDCl₃) of compound 4.

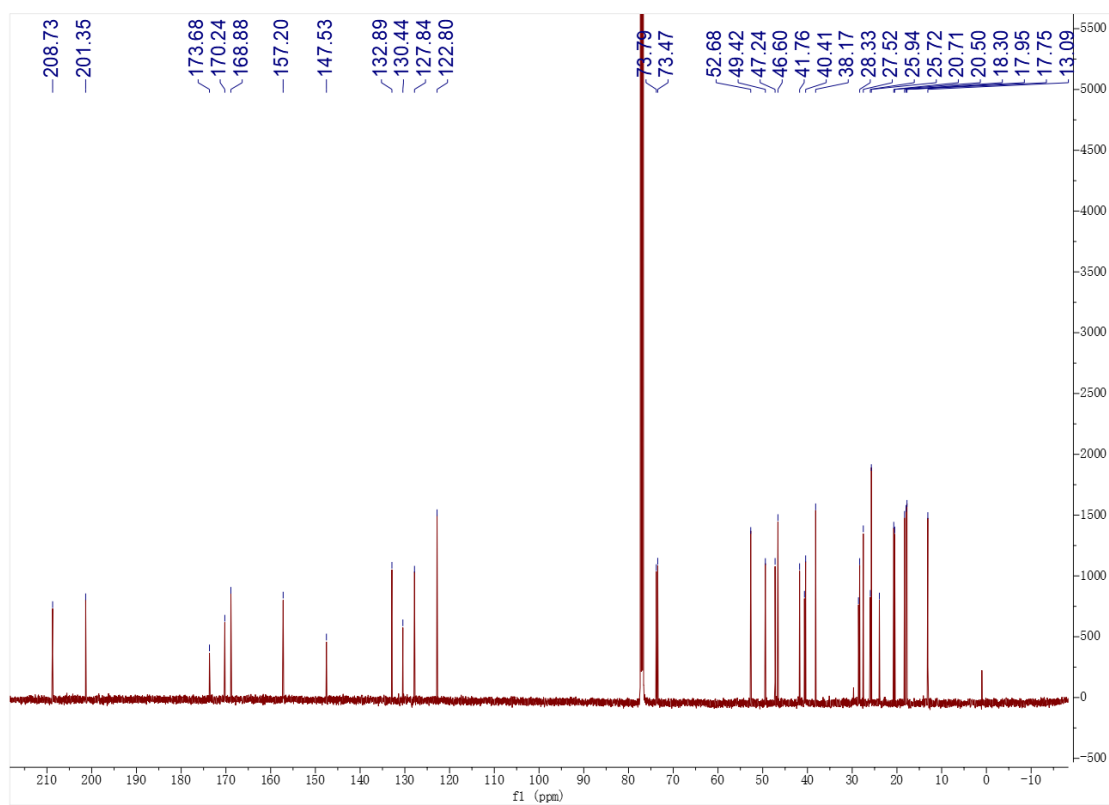


Figure S16. ¹³C NMR spectrum (125 MHz, CDCl₃) of compound 4.

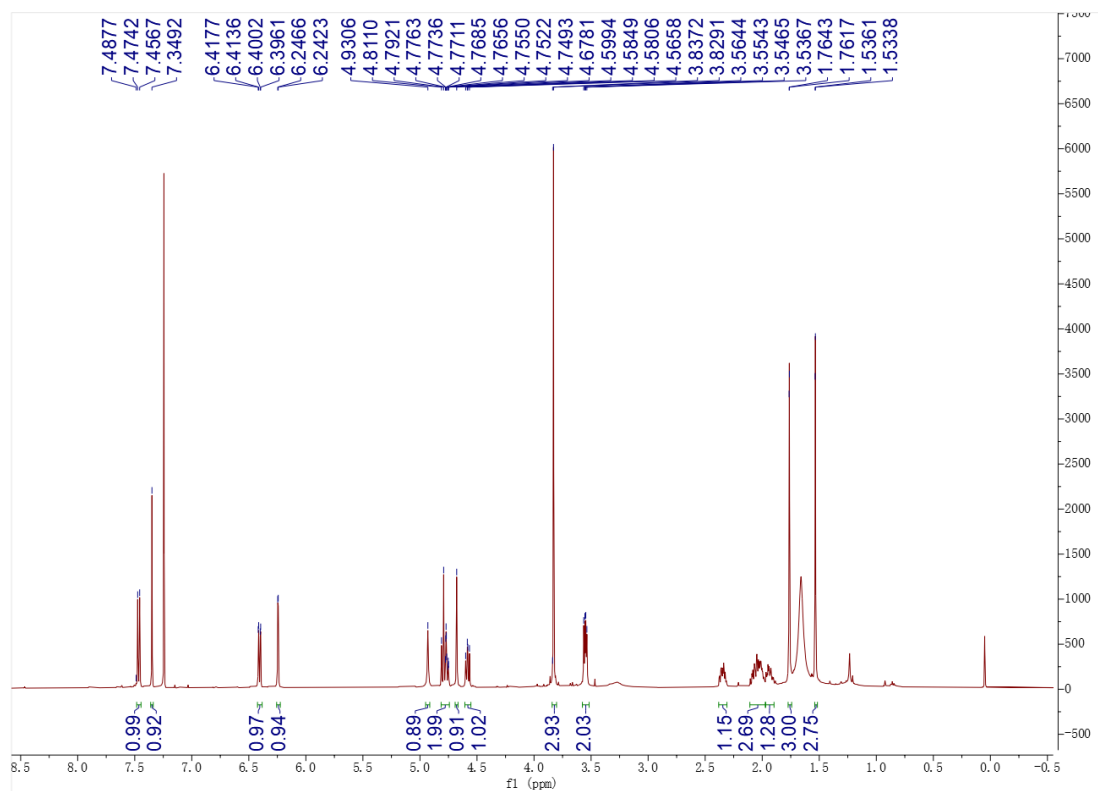


Figure S17. ¹H NMR spectrum (500 MHz, CDCl₃) of compound **5**.

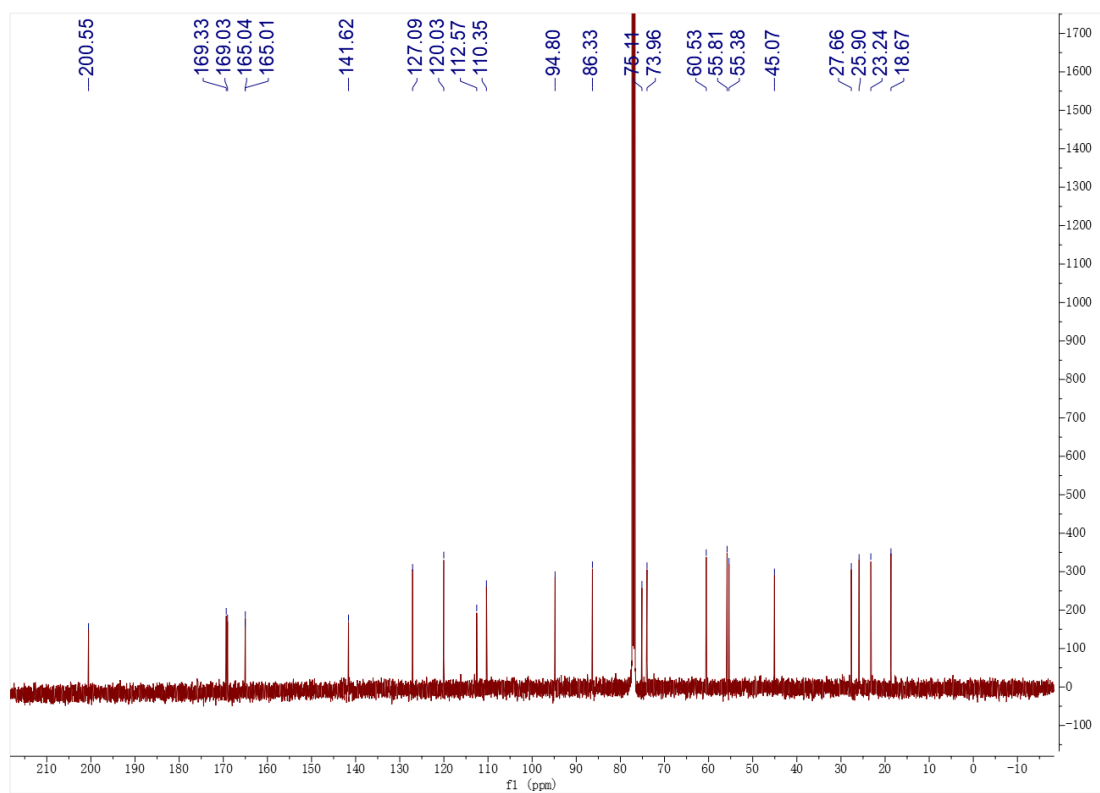


Figure S18. ¹³C NMR spectrum (125 MHz, CDCl₃) of compound **5**.

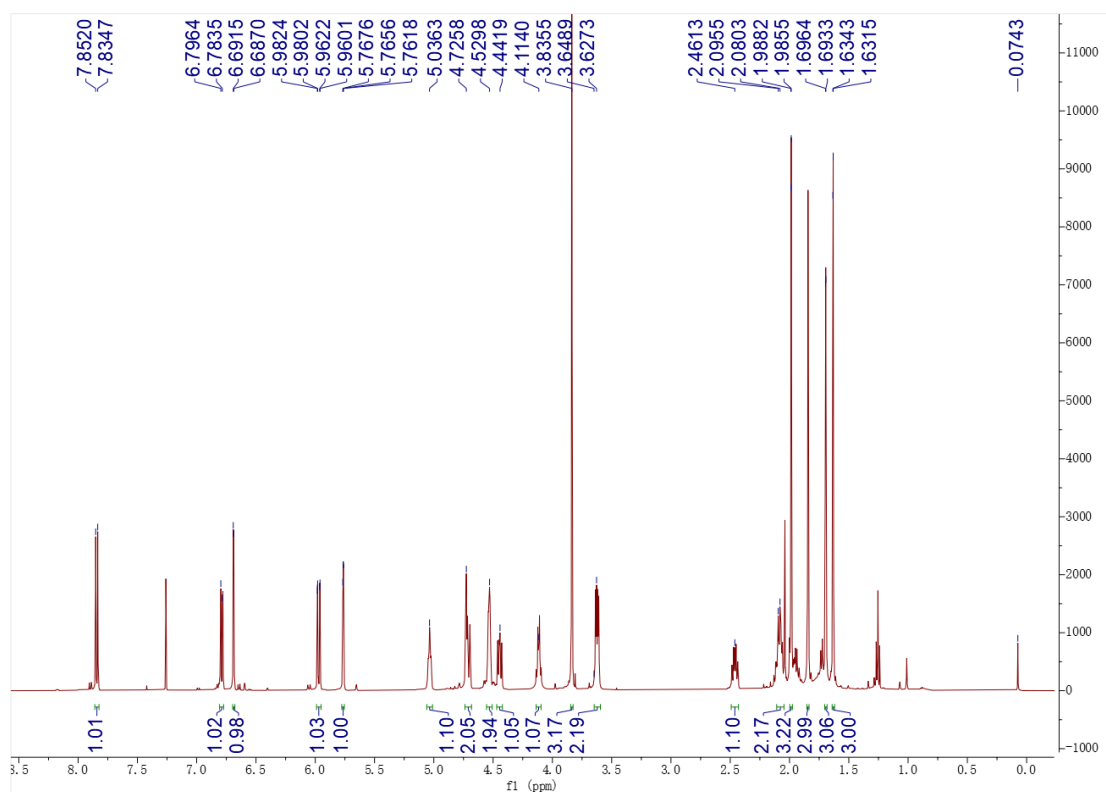


Figure S19. ¹H NMR spectrum (500 MHz, CDCl₃) of compound 6.

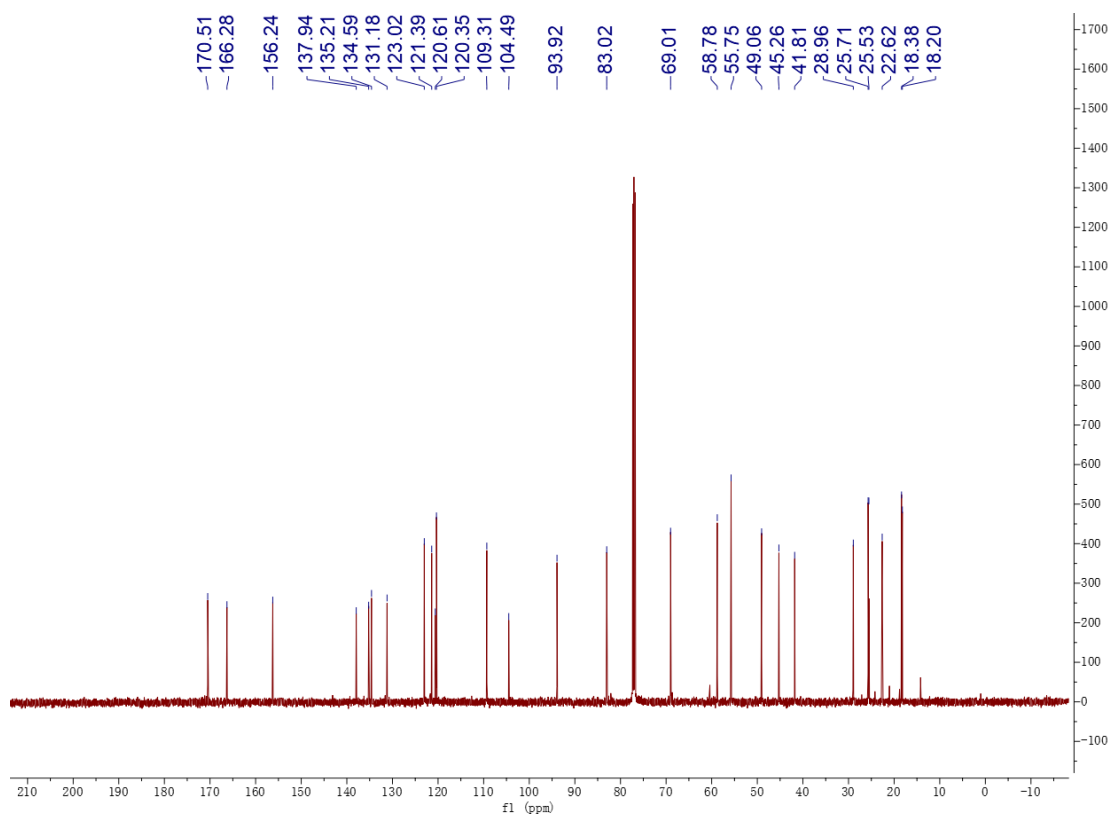


Figure S20. ¹³C NMR spectrum (125 MHz, CDCl₃) of compound 6.

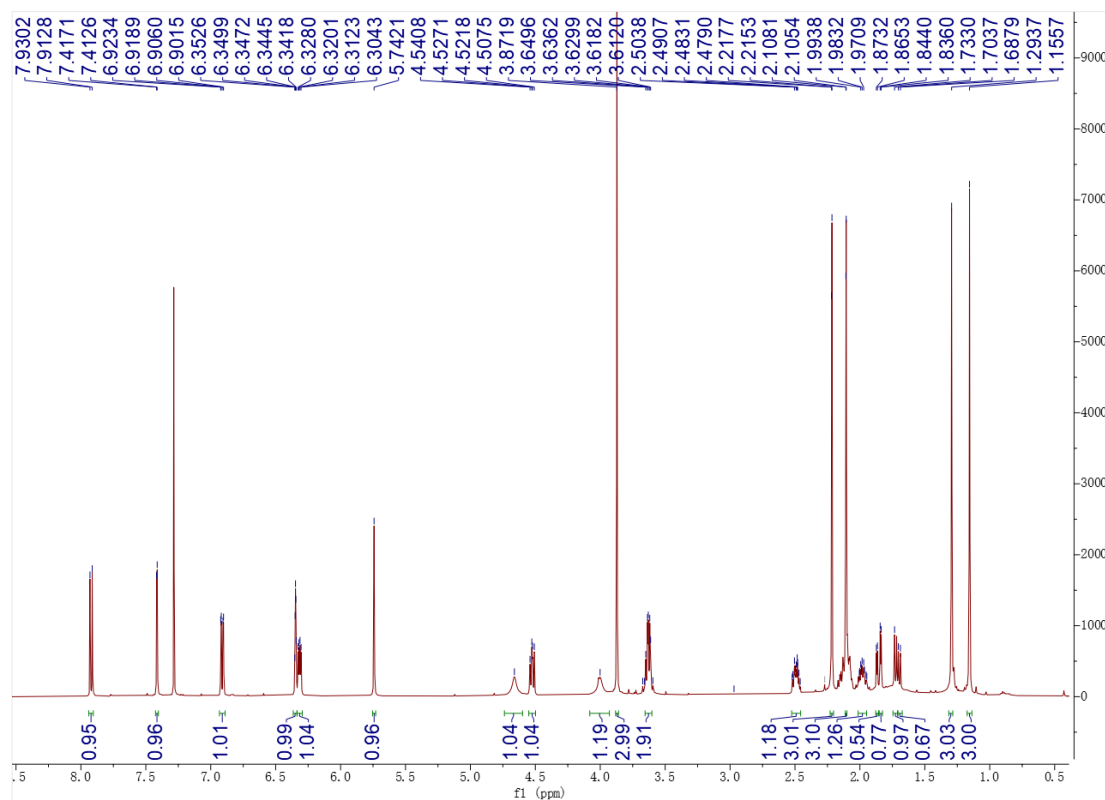


Figure S21. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **7**.

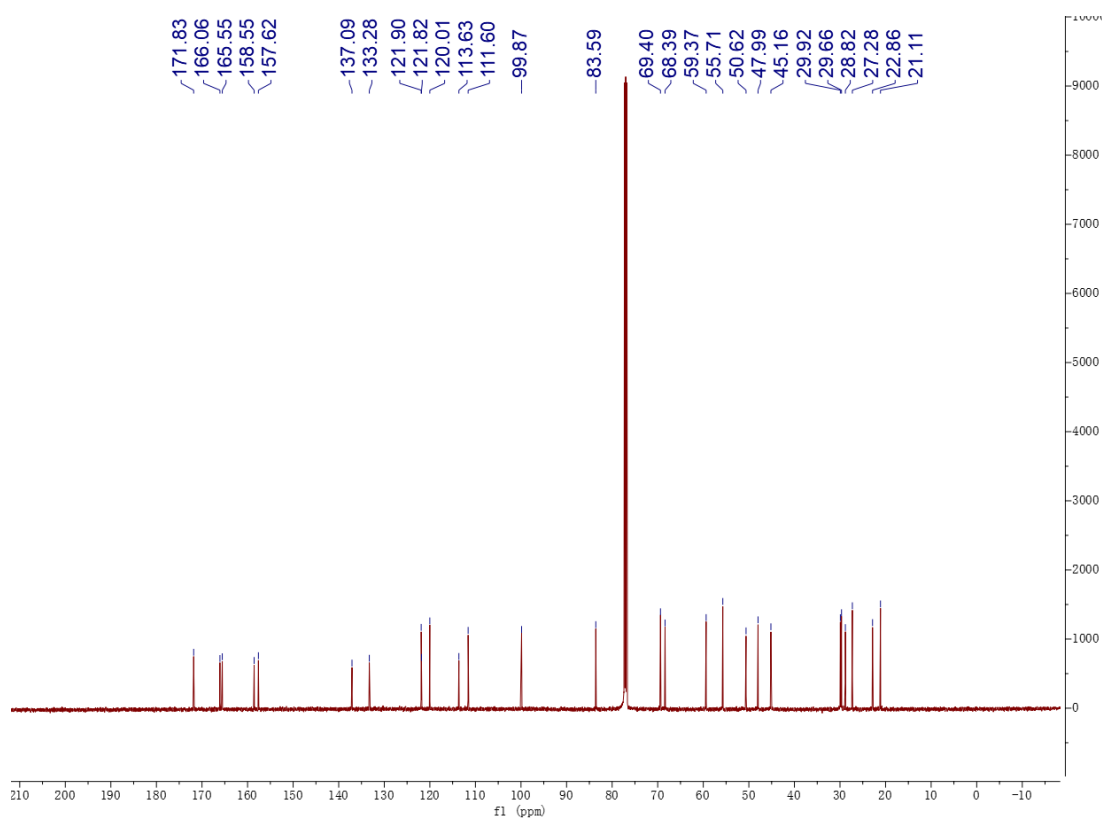


Figure S22. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **7**.

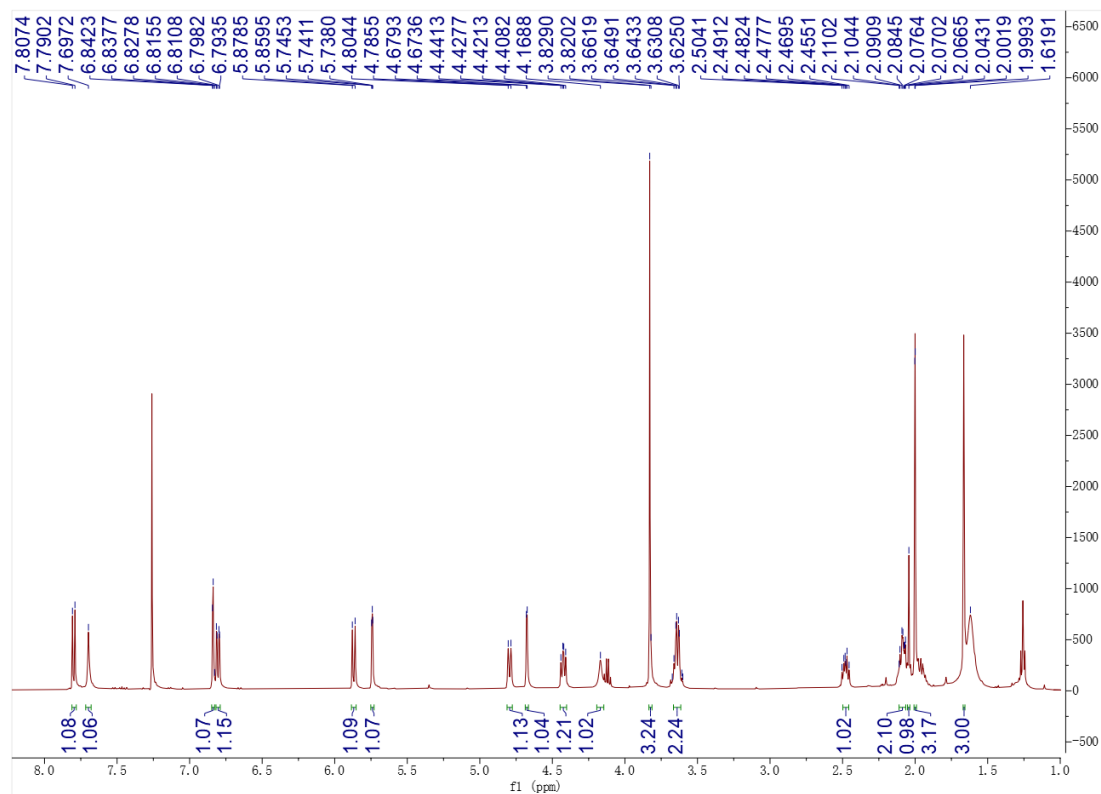


Figure S23. ¹H NMR spectrum (500 MHz, CDCl₃) of compound 8.

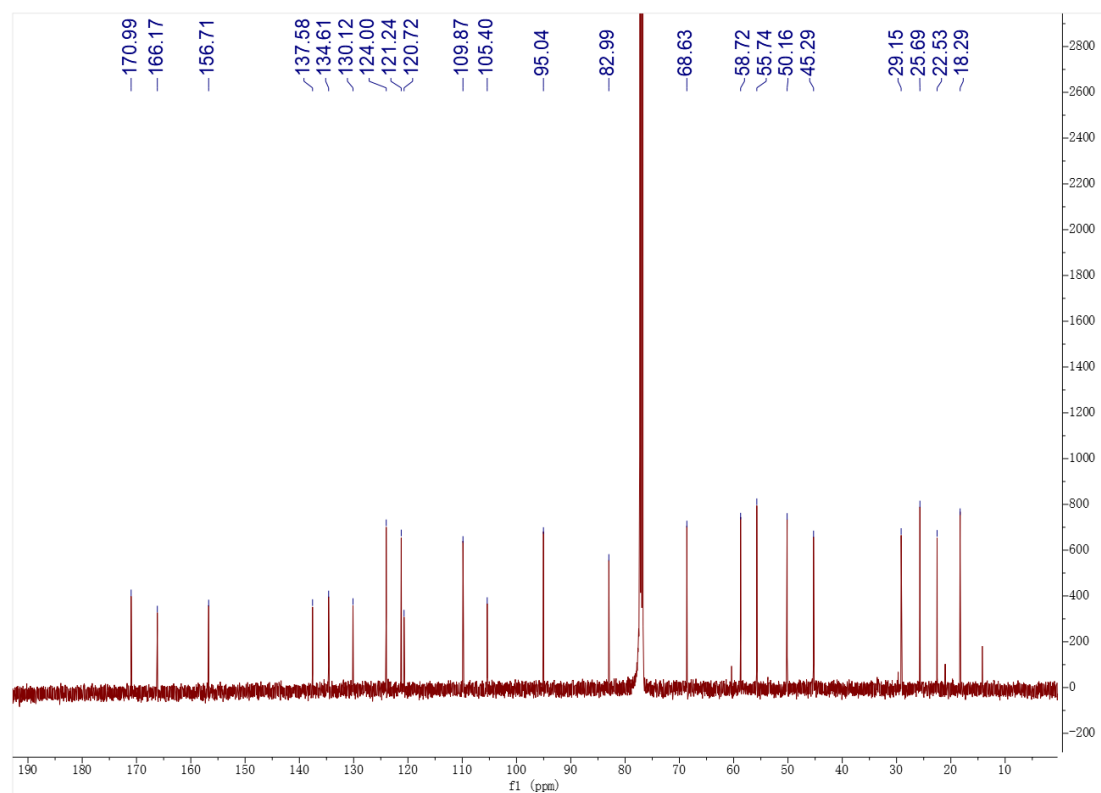


Figure S24. ¹³C NMR spectrum (125 MHz, CDCl₃) of compound 8.

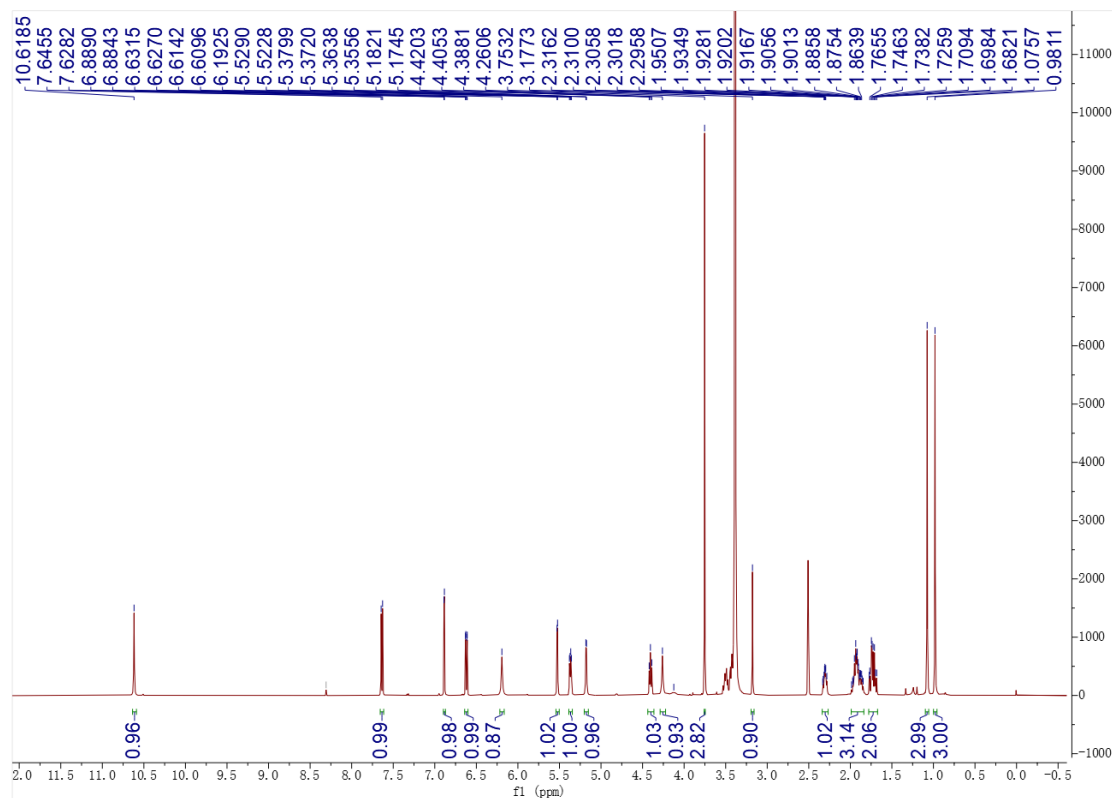


Figure S25. ¹H NMR spectrum (500 MHz, DMSO-*d*₆) of compound **9**.

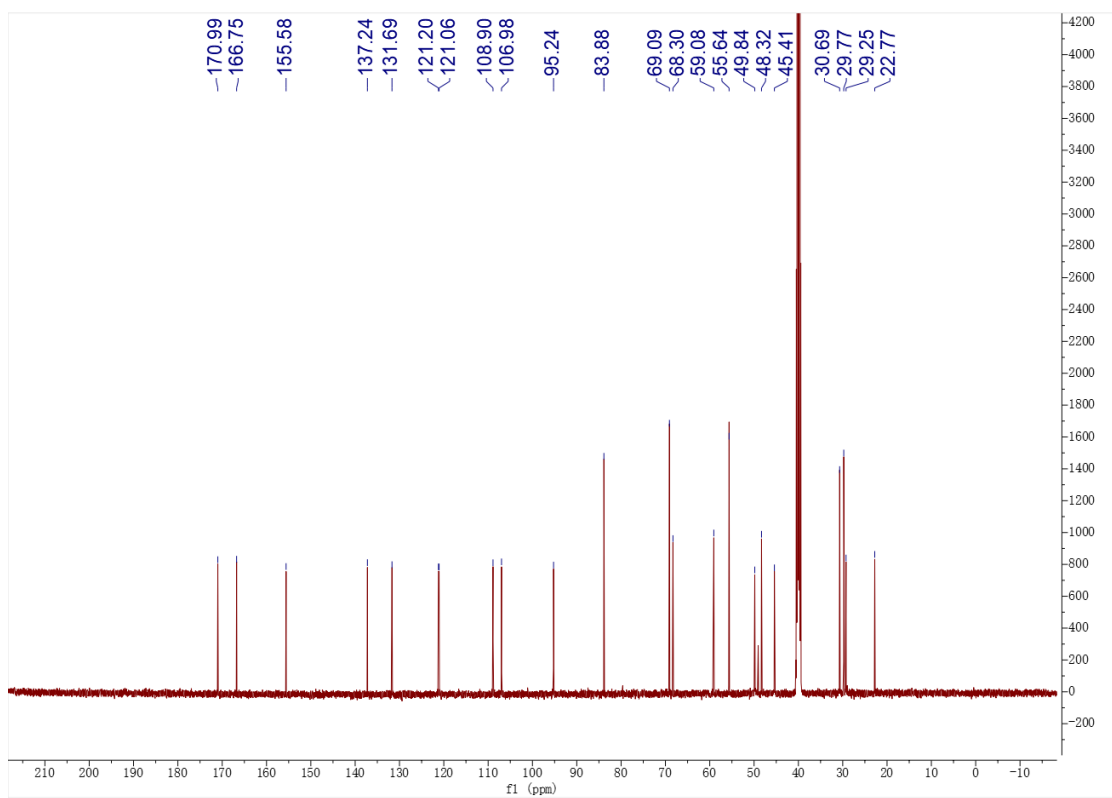


Figure S26. ¹³C NMR spectrum (125 MHz, DMSO-*d*₆) of compound **9**.

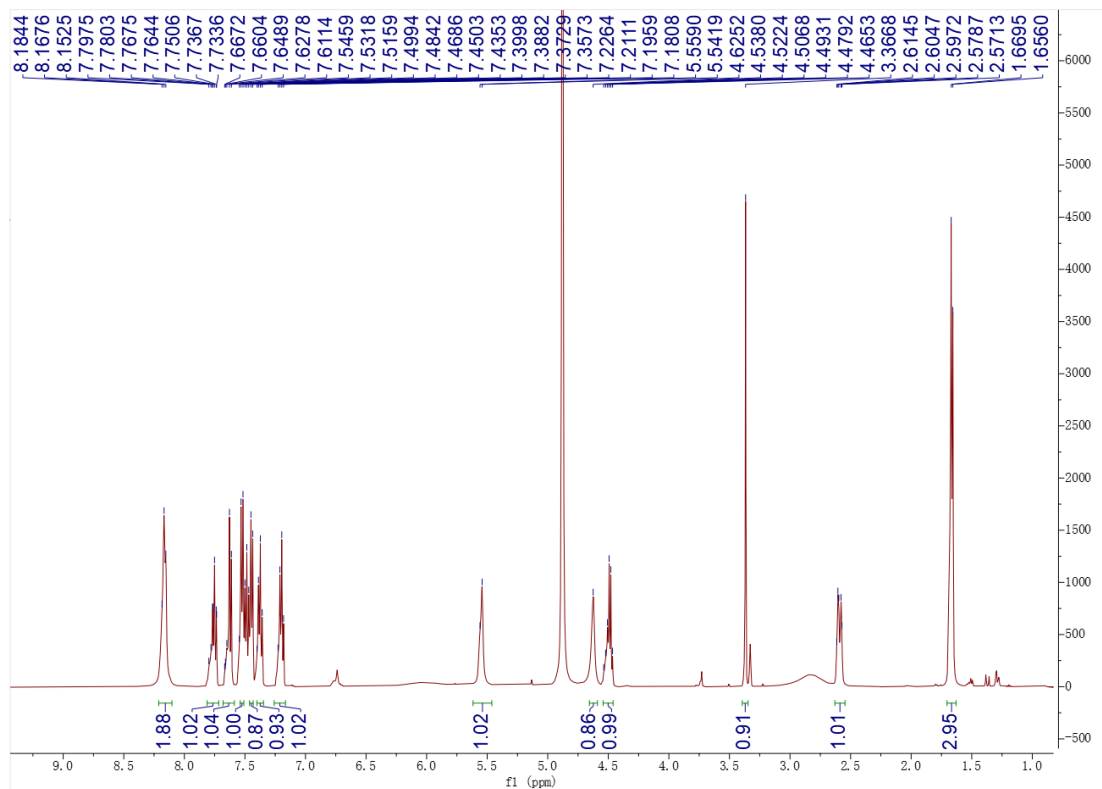


Figure S27. ¹H NMR spectrum (500 MHz, CD₃OD) of compound 10.

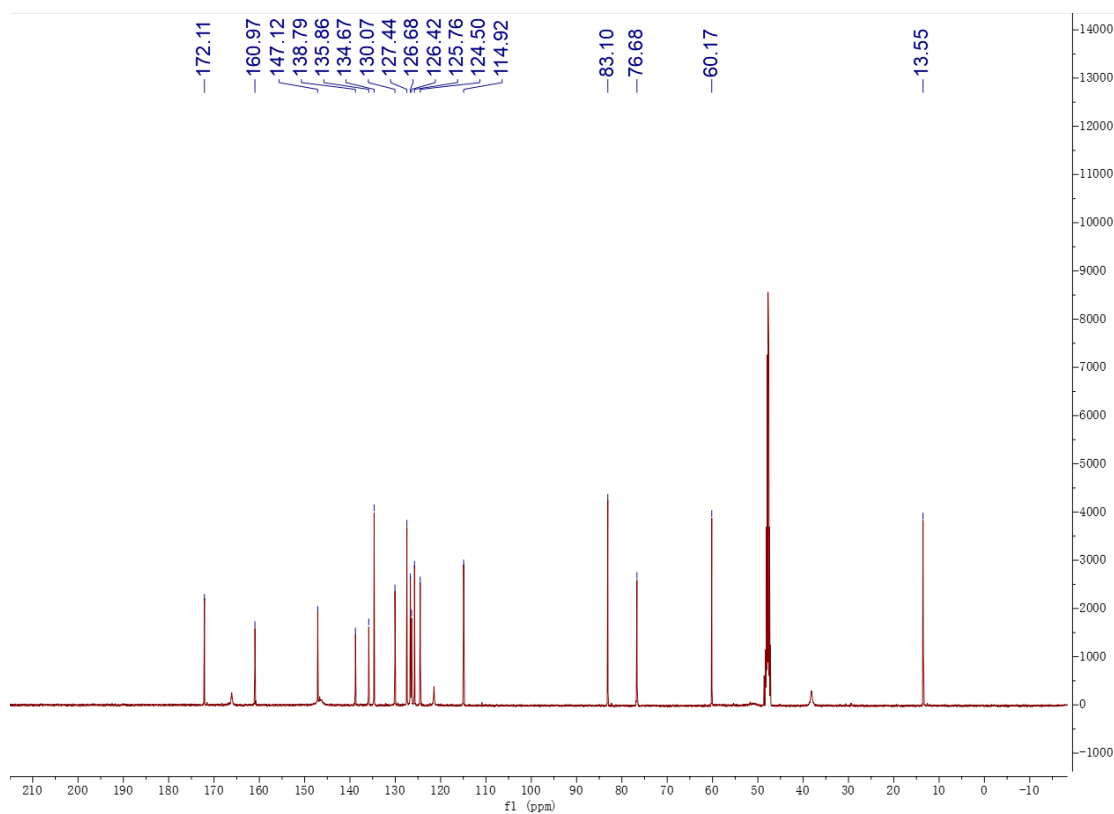


Figure S28. ¹³C NMR spectrum (125 MHz, CD₃OD) of compound 10.

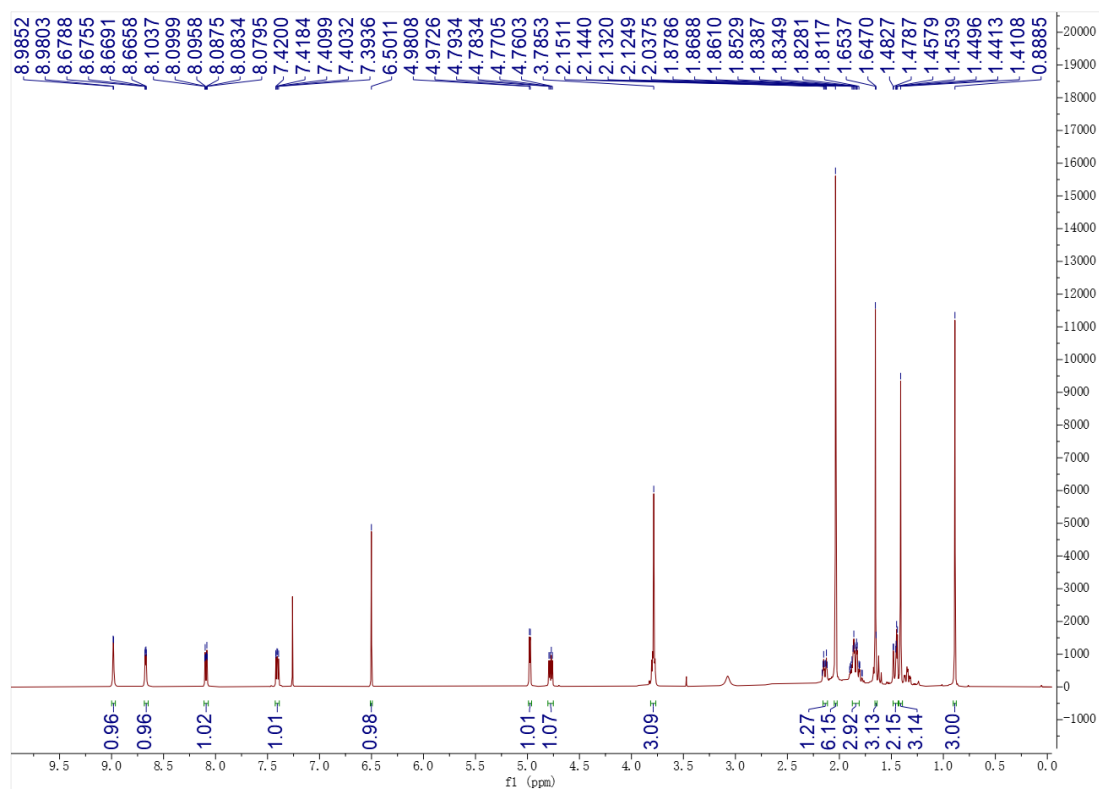


Figure S29. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **11**.

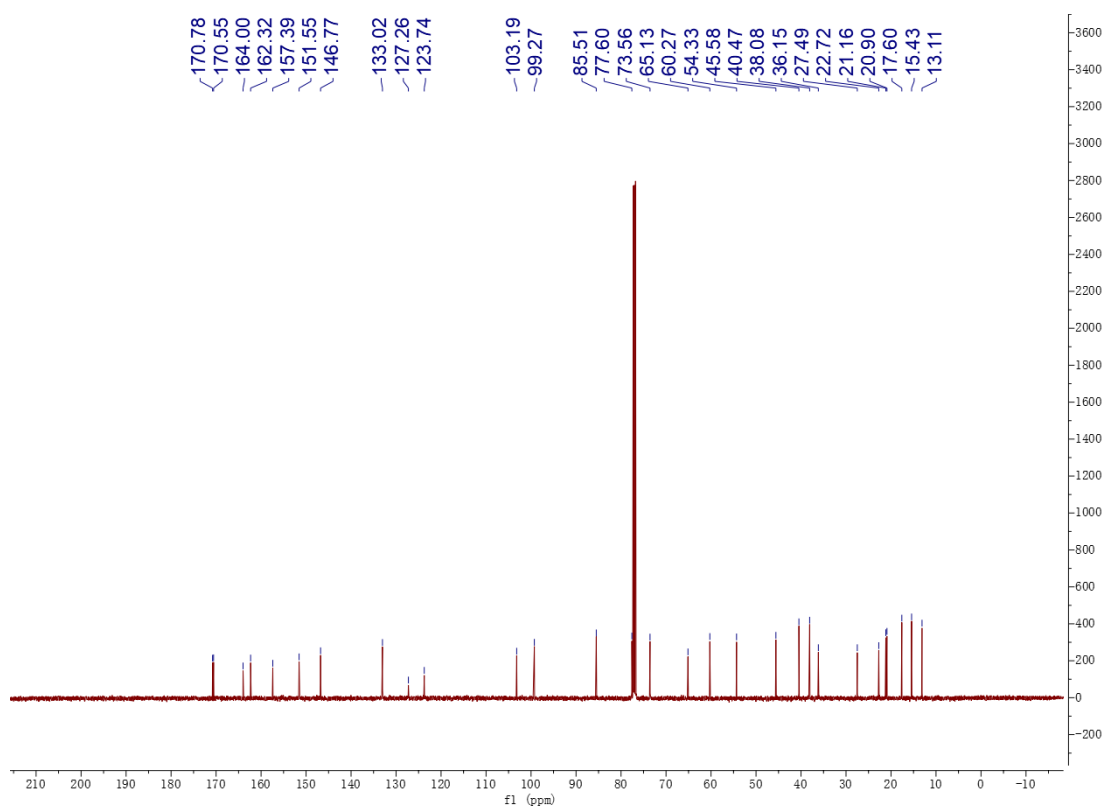


Figure S30. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **11**.

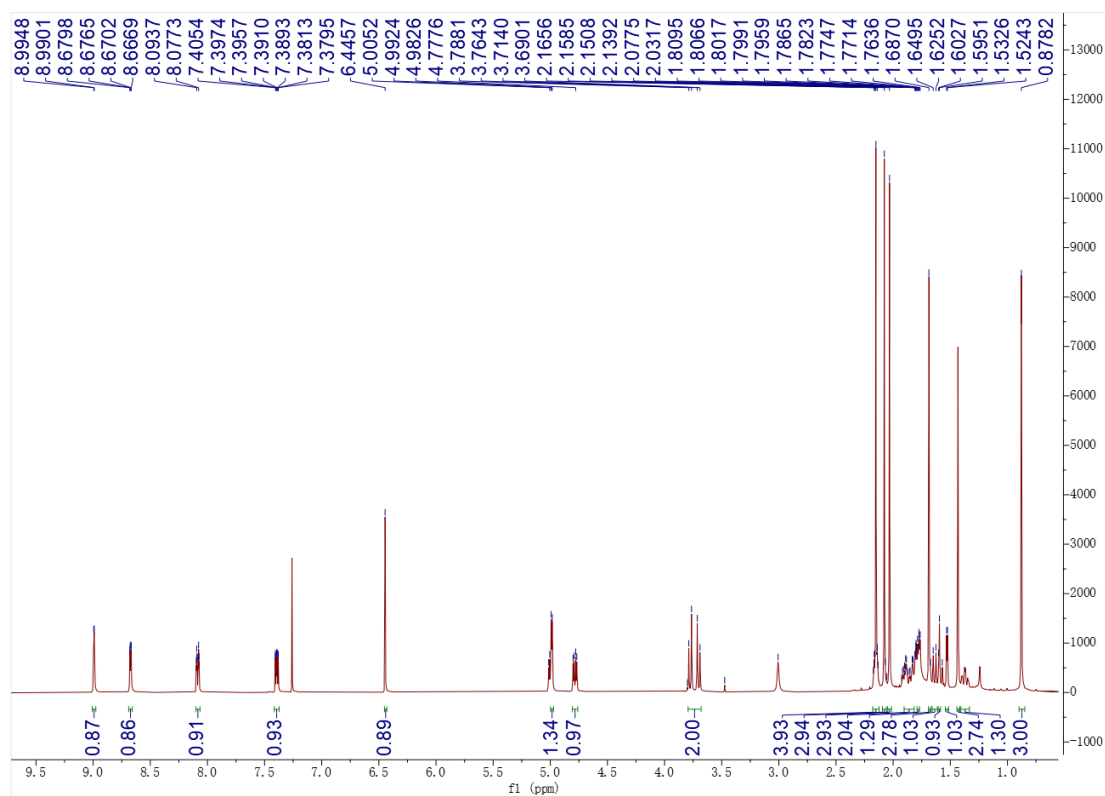


Figure S31. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **12**.

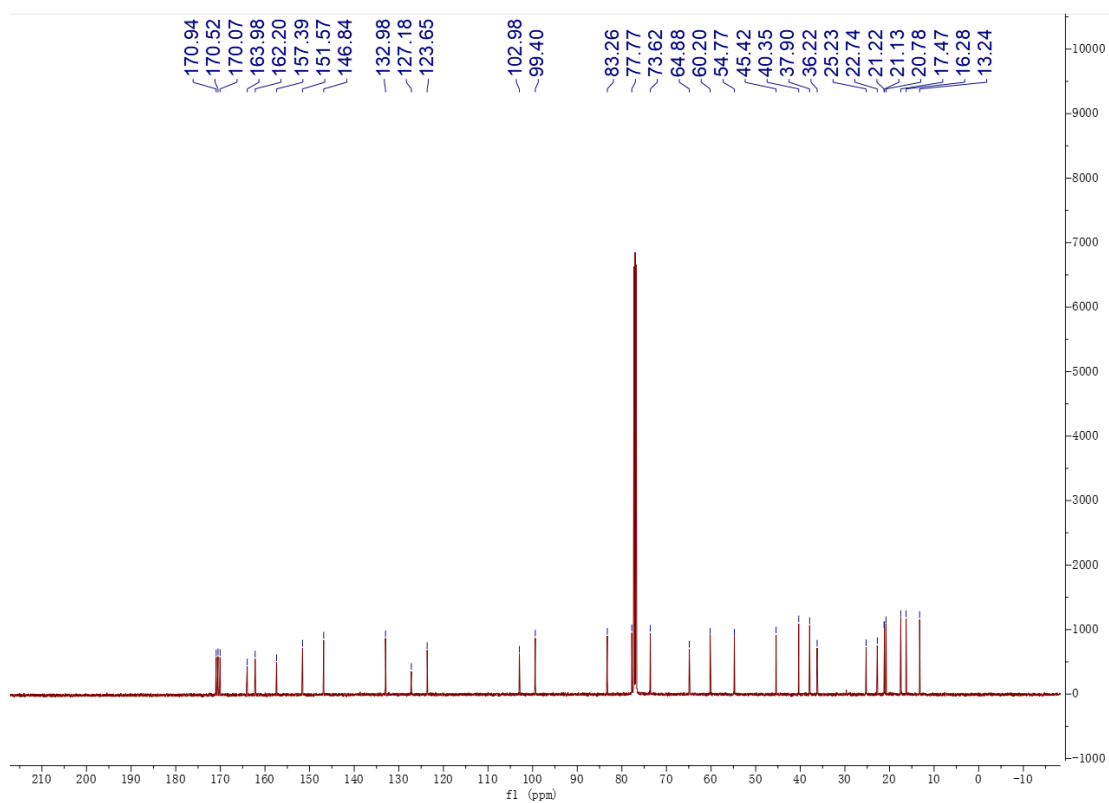


Figure S32. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **12**.

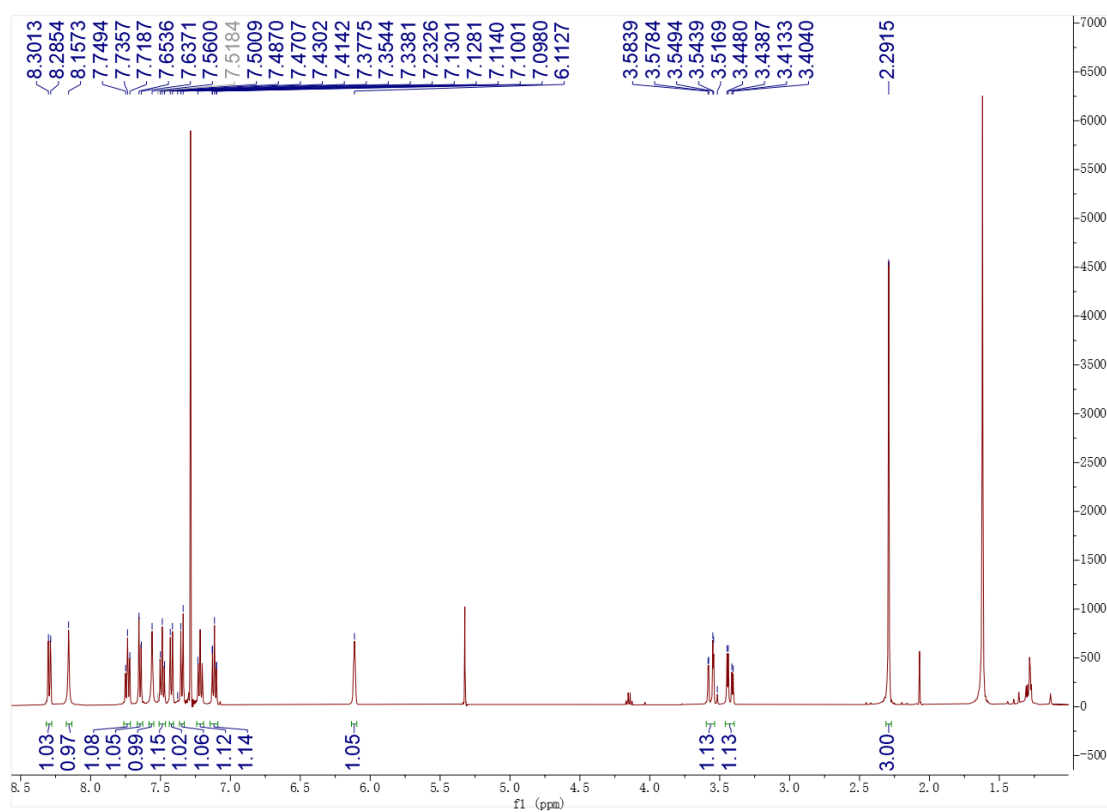


Figure S33. ¹H NMR spectrum (500 MHz, CDCl₃) of compound **13**.

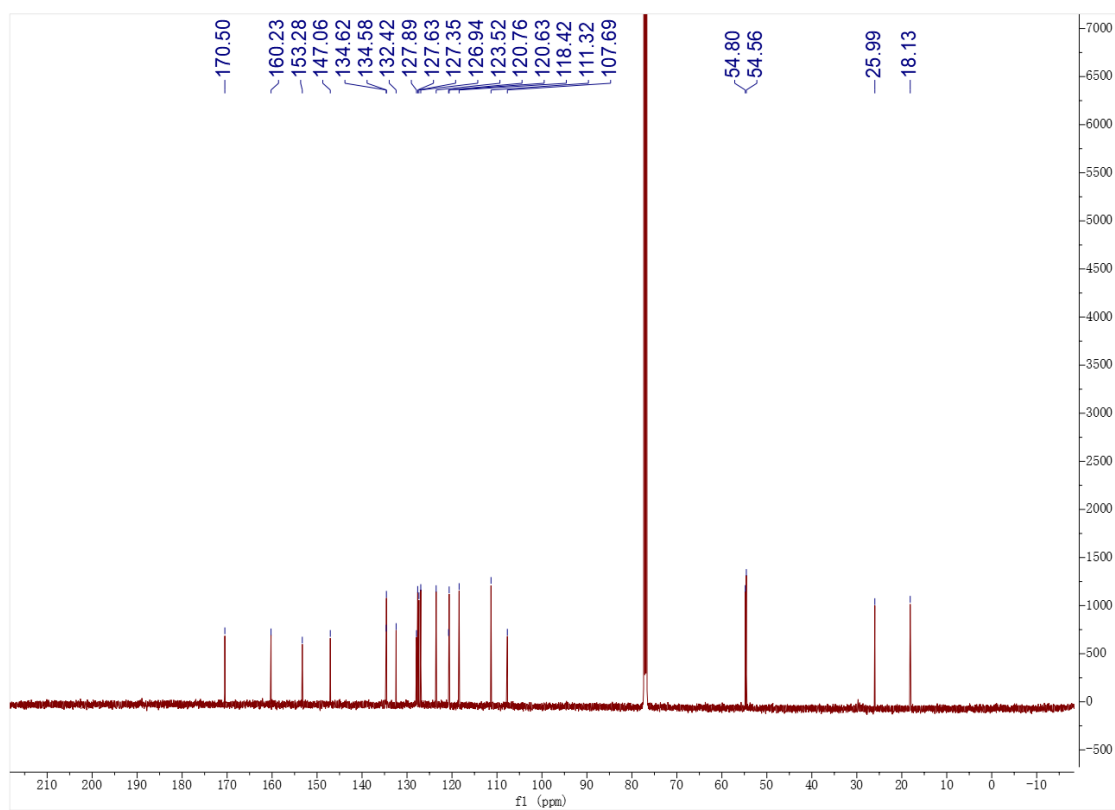


Figure S34. ¹³C NMR spectrum (125 MHz, CDCl₃) of compound **13**.

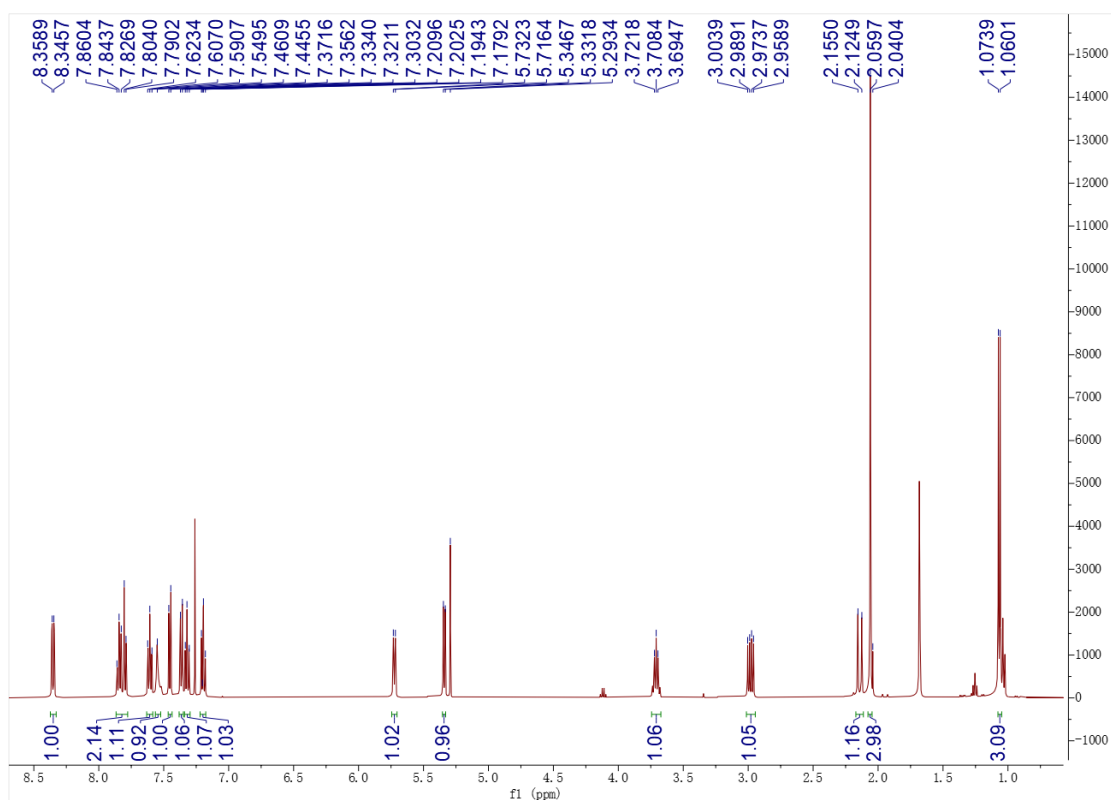


Figure S35. ¹H NMR spectrum (500 MHz, CDCl₃) of compound **14**.

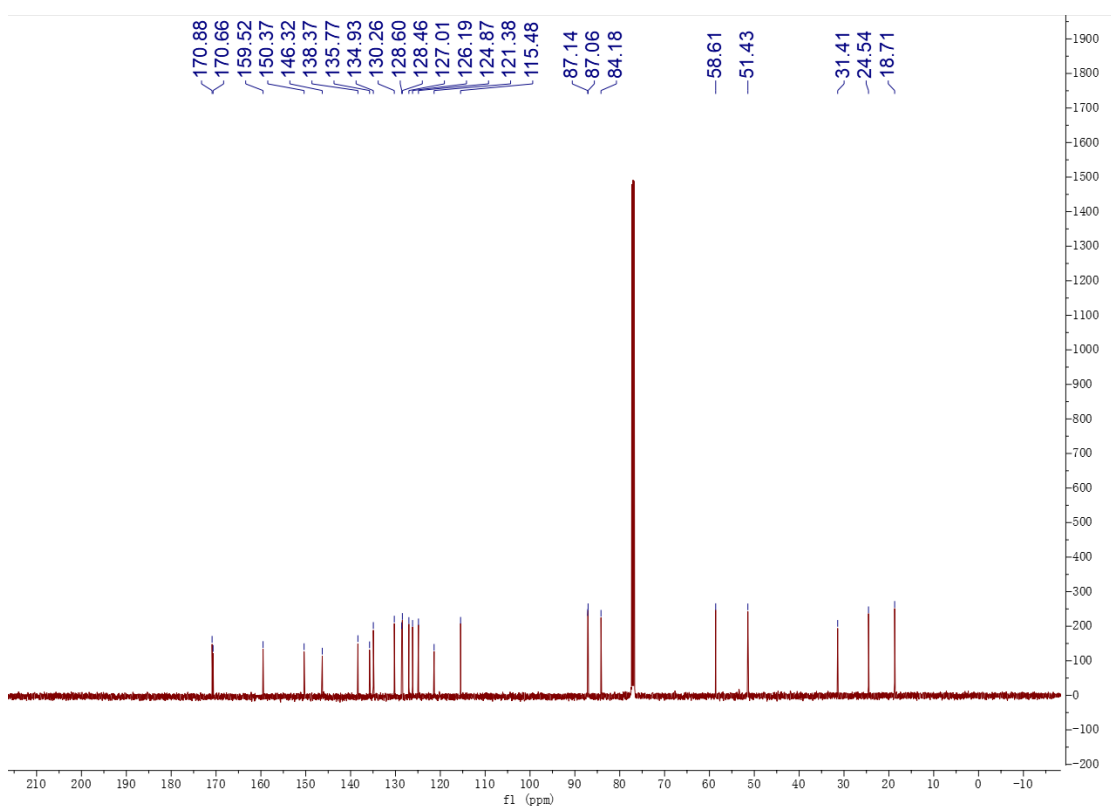


Figure S36. ¹³C NMR spectrum (125 MHz, CDCl₃) of compound **14**.

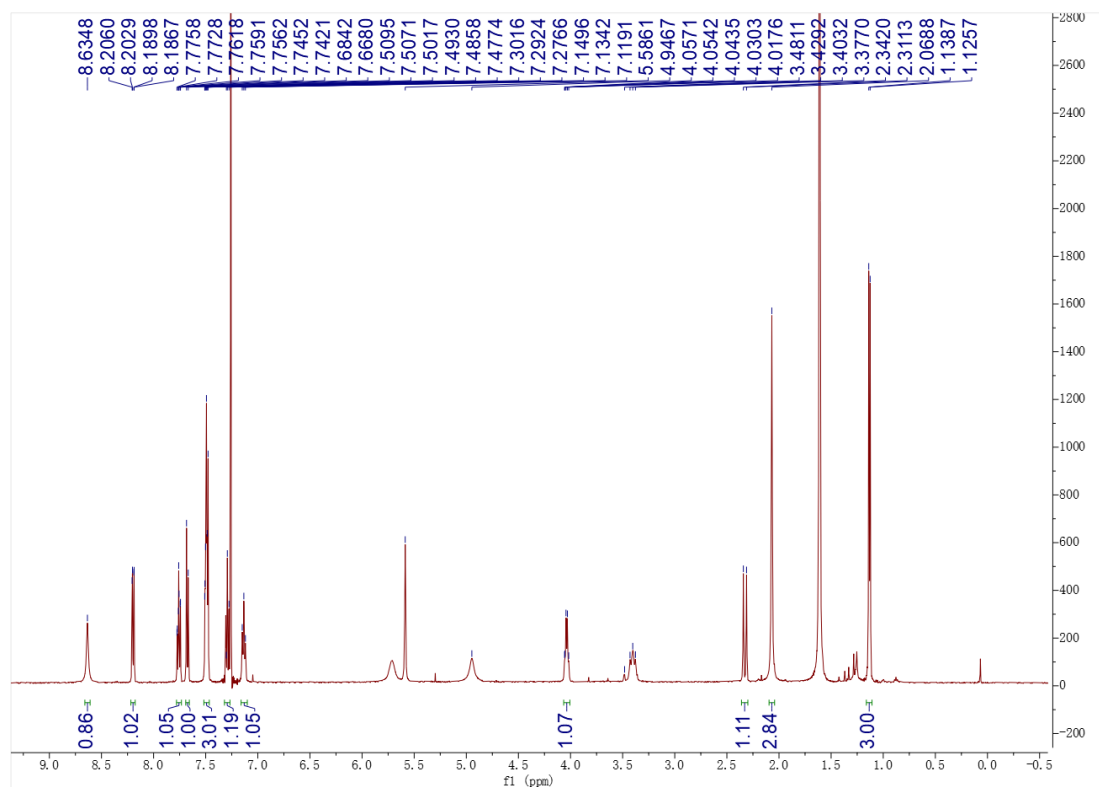


Figure S37. ^1H NMR spectrum (500 MHz, CDCl_3) of compound **15**.

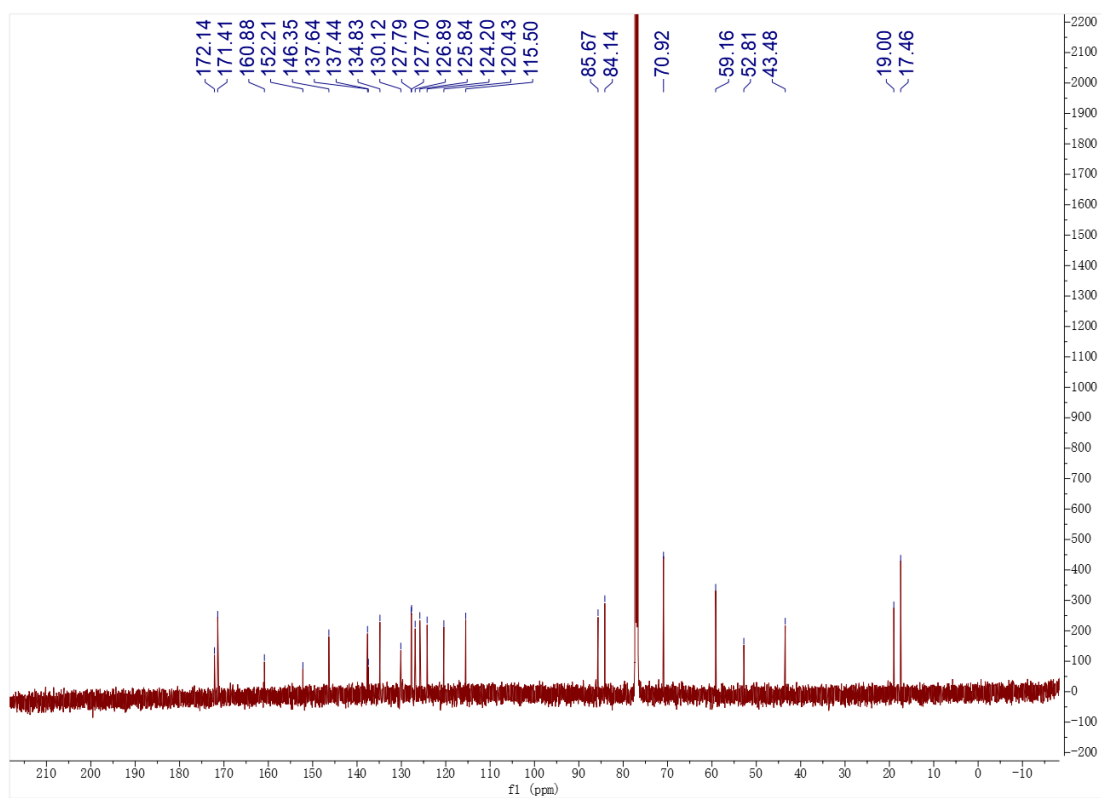
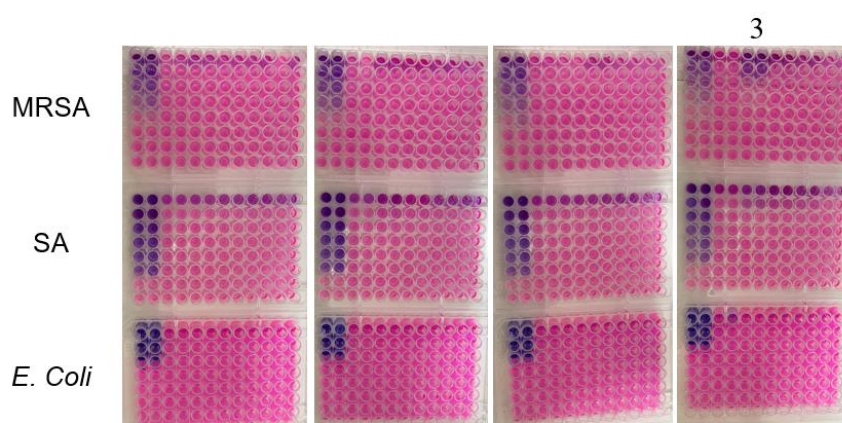


Figure S38. ^{13}C NMR spectrum (125 MHz, CDCl_3) of compound **15**.

Table S1. Evaluation of antibacterial activity of compounds **1-15**.

Sample name/number	MIC ($\mu\text{g/mL}$)		
	MRSA	SA	<i>E. Coli</i>
Vancomycin	0.625	0.312	/
Polymyxin B	/	/	2.5
1	/	/	/
2	/	/	/
3	20	20	/
4	3.12	3.12	/
5	/	/	/
6	/	/	/
7	/	/	/
8	/	/	/
9	/	/	/
10	/	/	/
11	/	/	/
12	/	/	/
13	/	/	/
14	/	/	/
15	/	/	/



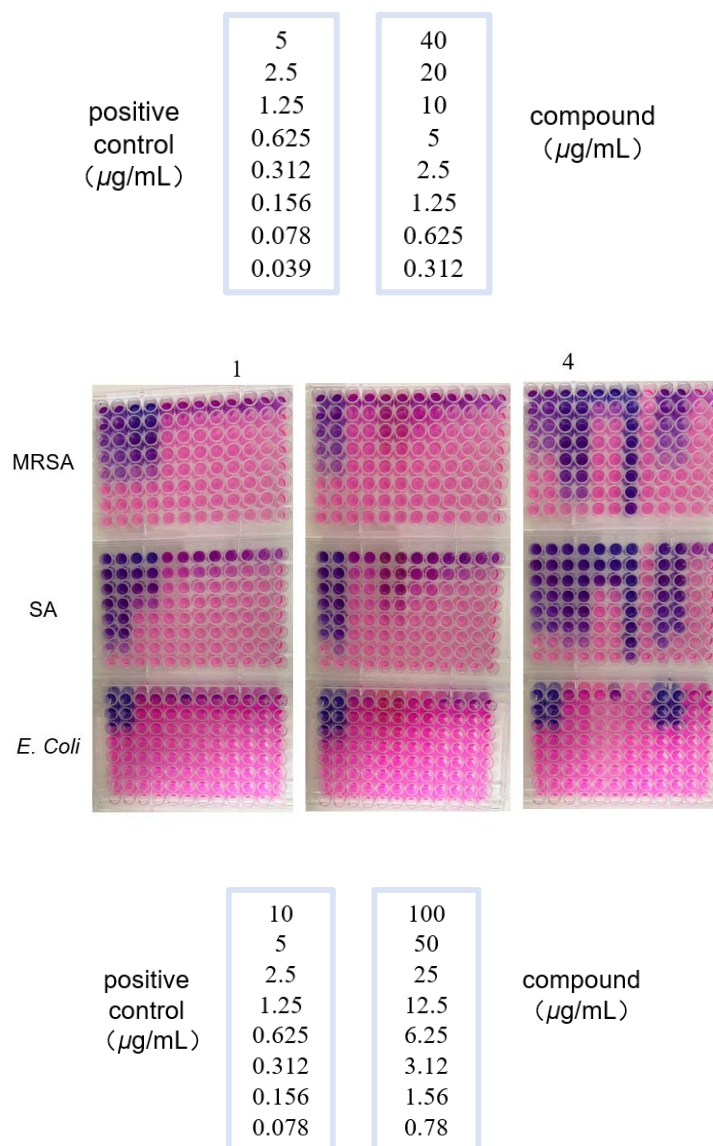


Figure S39. 96-well plate antibacterial results.

Table S2. Evaluation of antibacterial activity of compounds **4**.

Bacterial	G ⁺ /G ⁻			
		Helvolic acid	Vancomycin	Polymyxin B
VSE(No.160119481)	G ⁺	25	0.312	/
VRE(No.151458137)	G ⁺	12.5	>10	/
<i>S.dysenteriae</i> (CMCC 51252)	G ⁻	100	/	2.5