

Fig. S1. ¹H NMR spectrum of **Octyldiphenylsilane** in CDCl₃

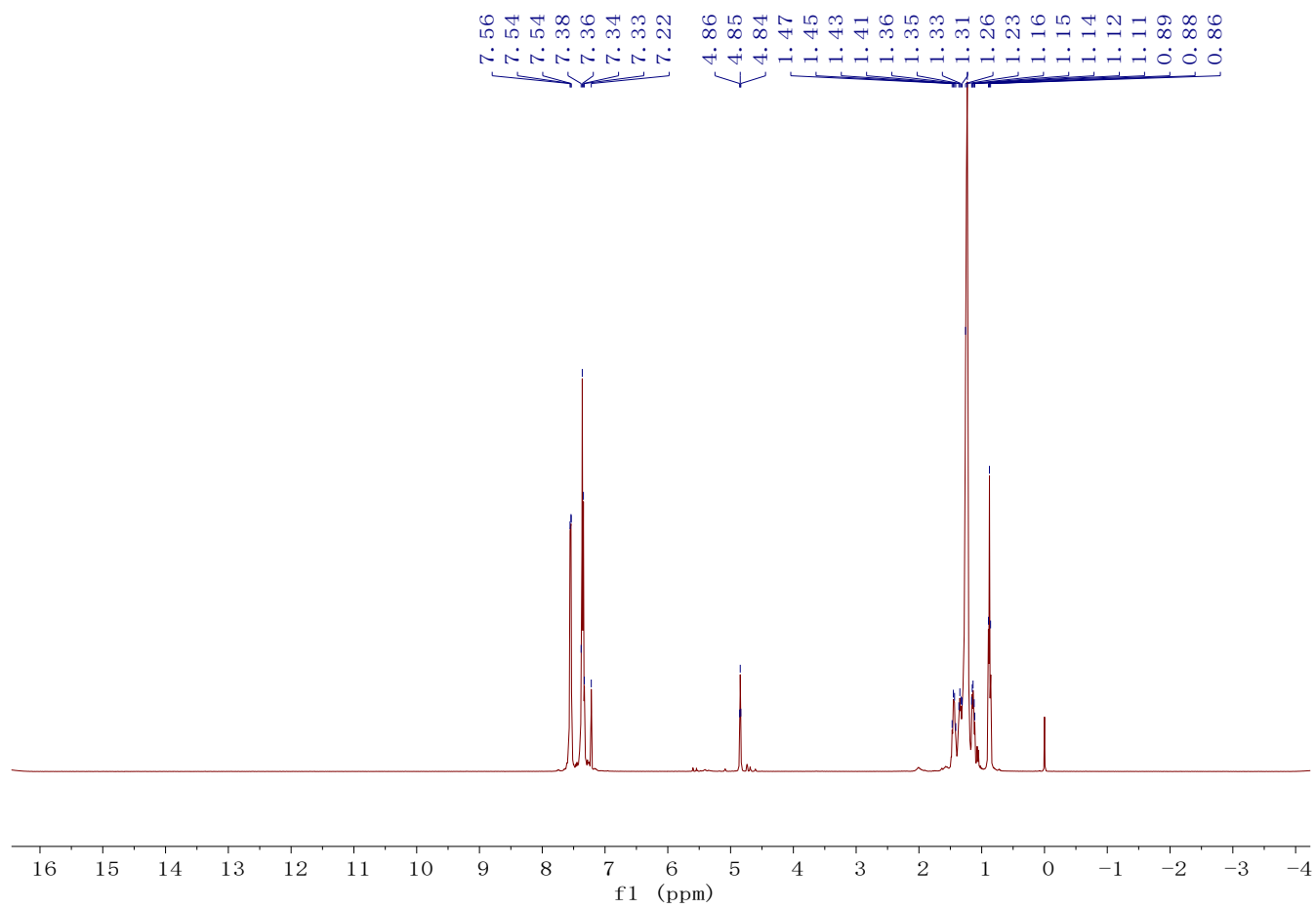


Fig. S2. ^1H NMR spectrum of **Dodecenediphenylsilane** in CDCl_3

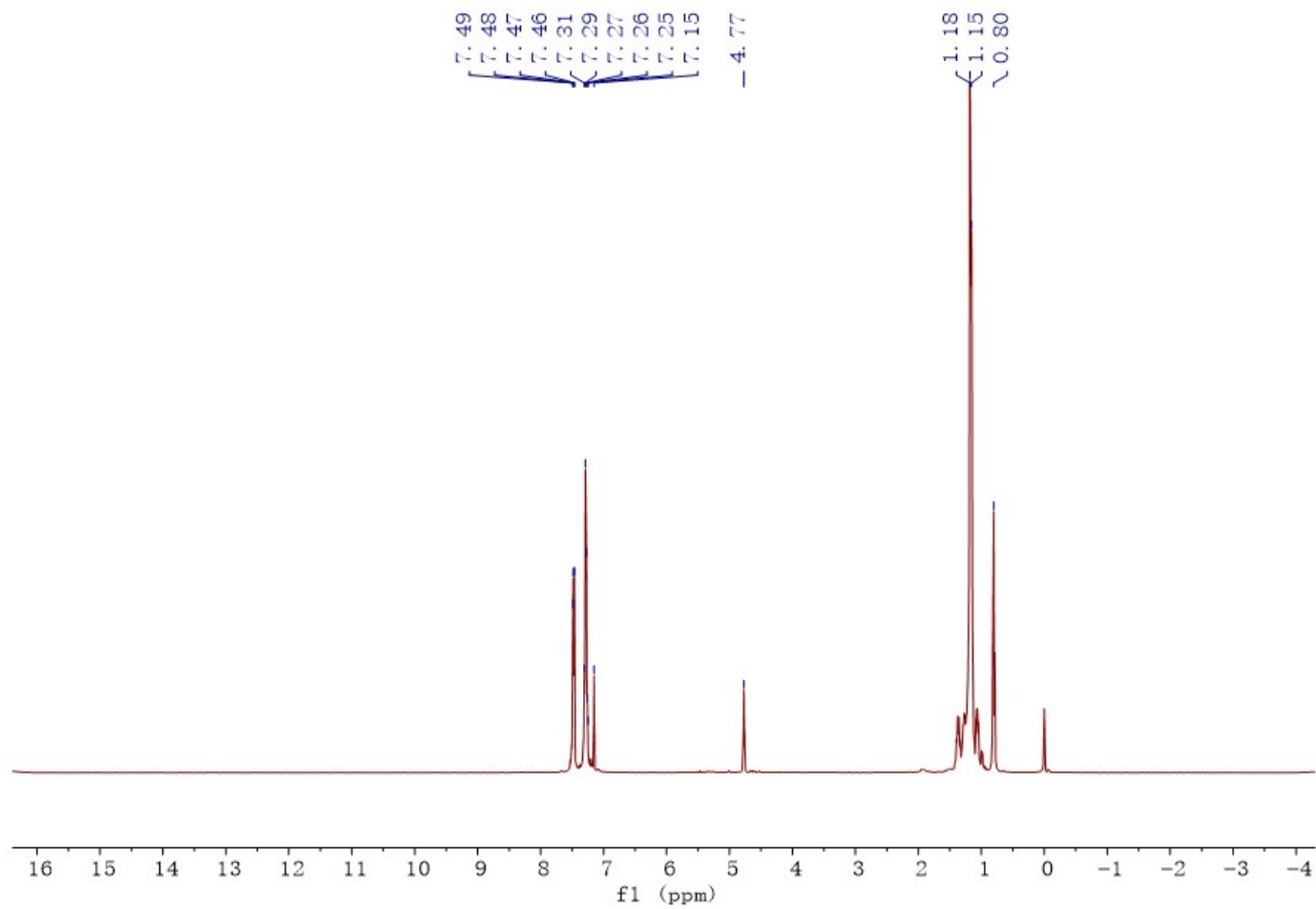


Fig. S3. ^1H NMR spectrum of Tetradecene diphenylsilane in CDCl_3

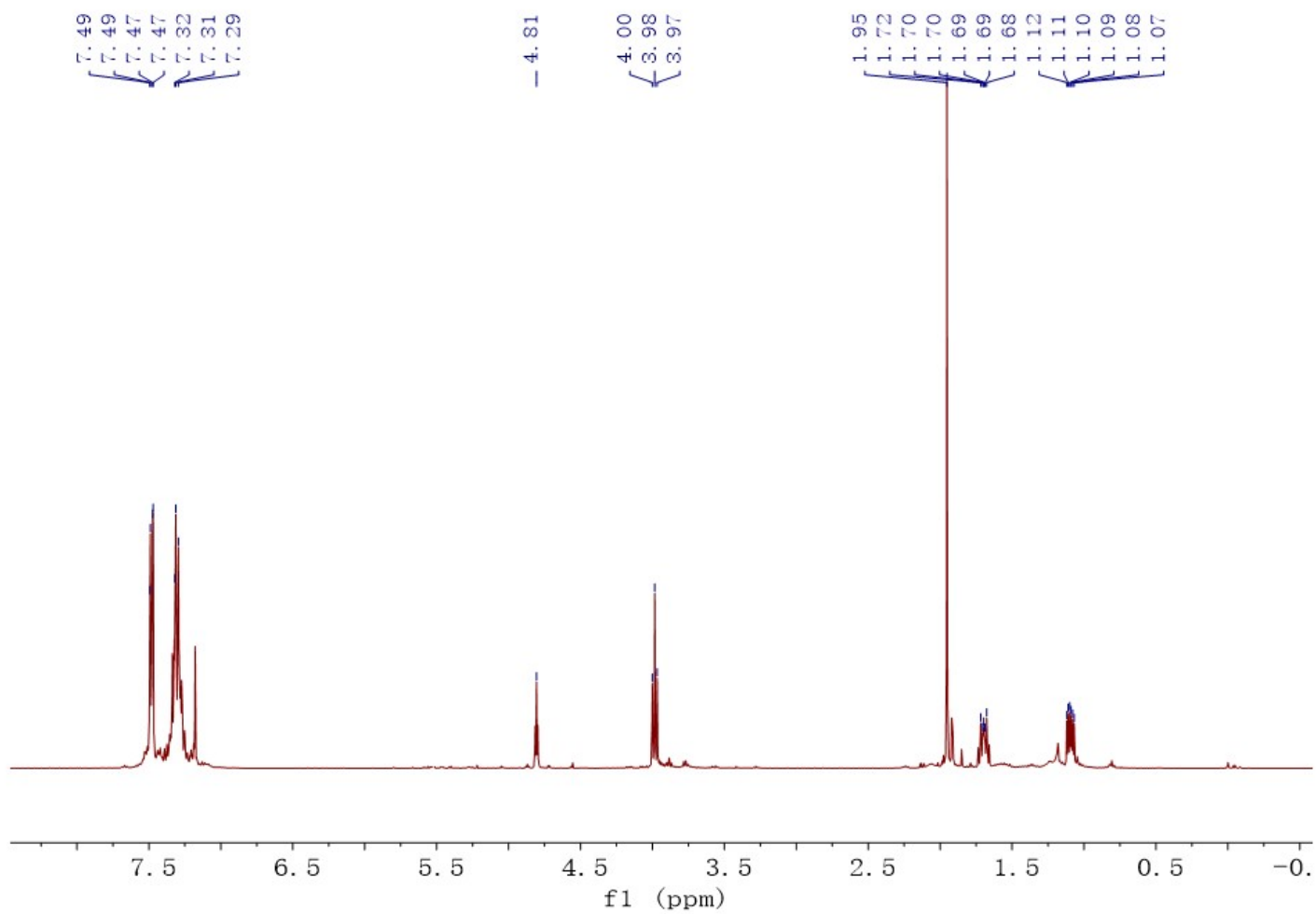


Fig. S4. ^1H NMR spectrum of 3-(diphenylsilyl)propyl acetate in CDCl_3

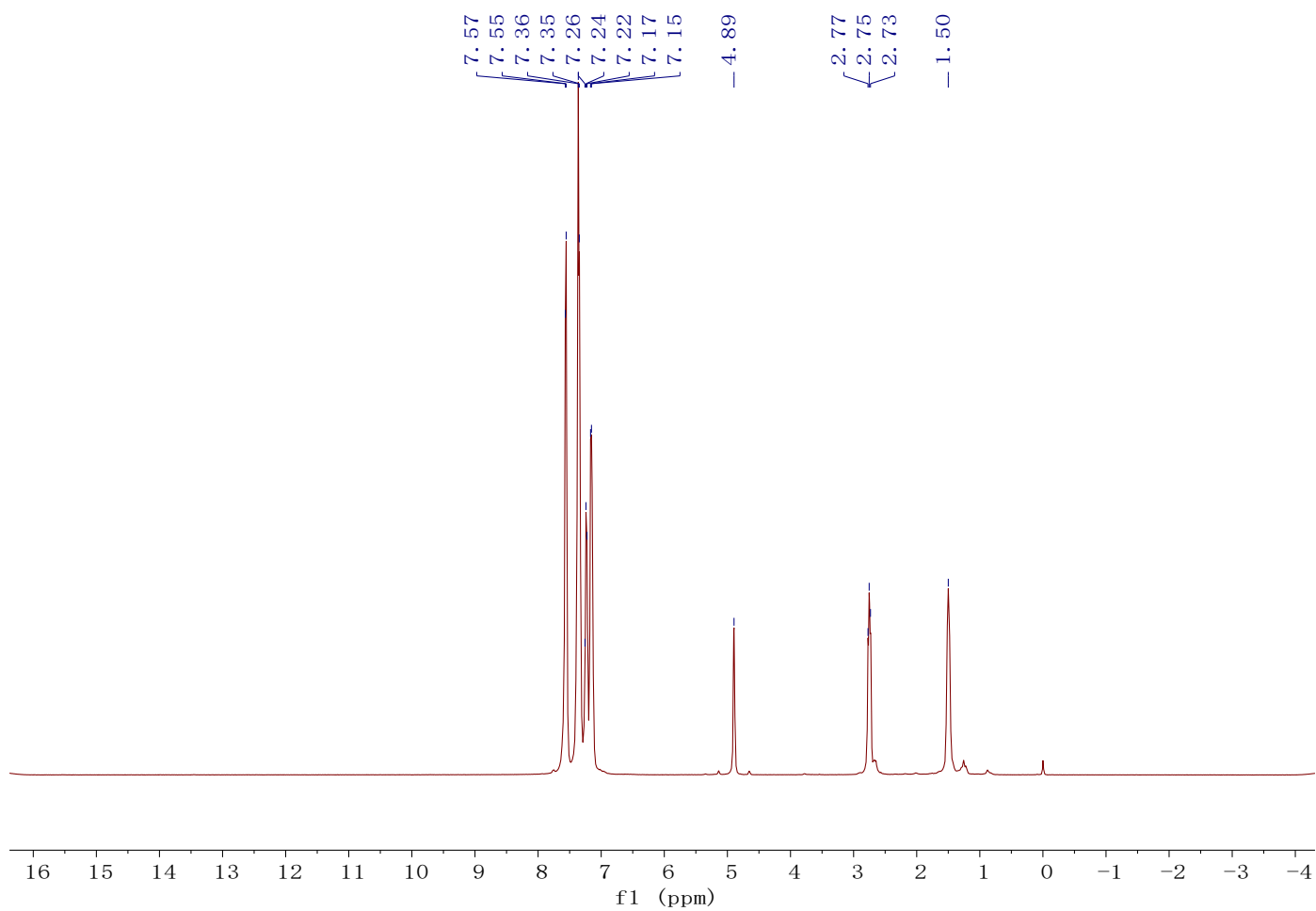


Fig. S5. ^1H NMR spectrum of Phenethyldiphenylsilane in CDCl_3

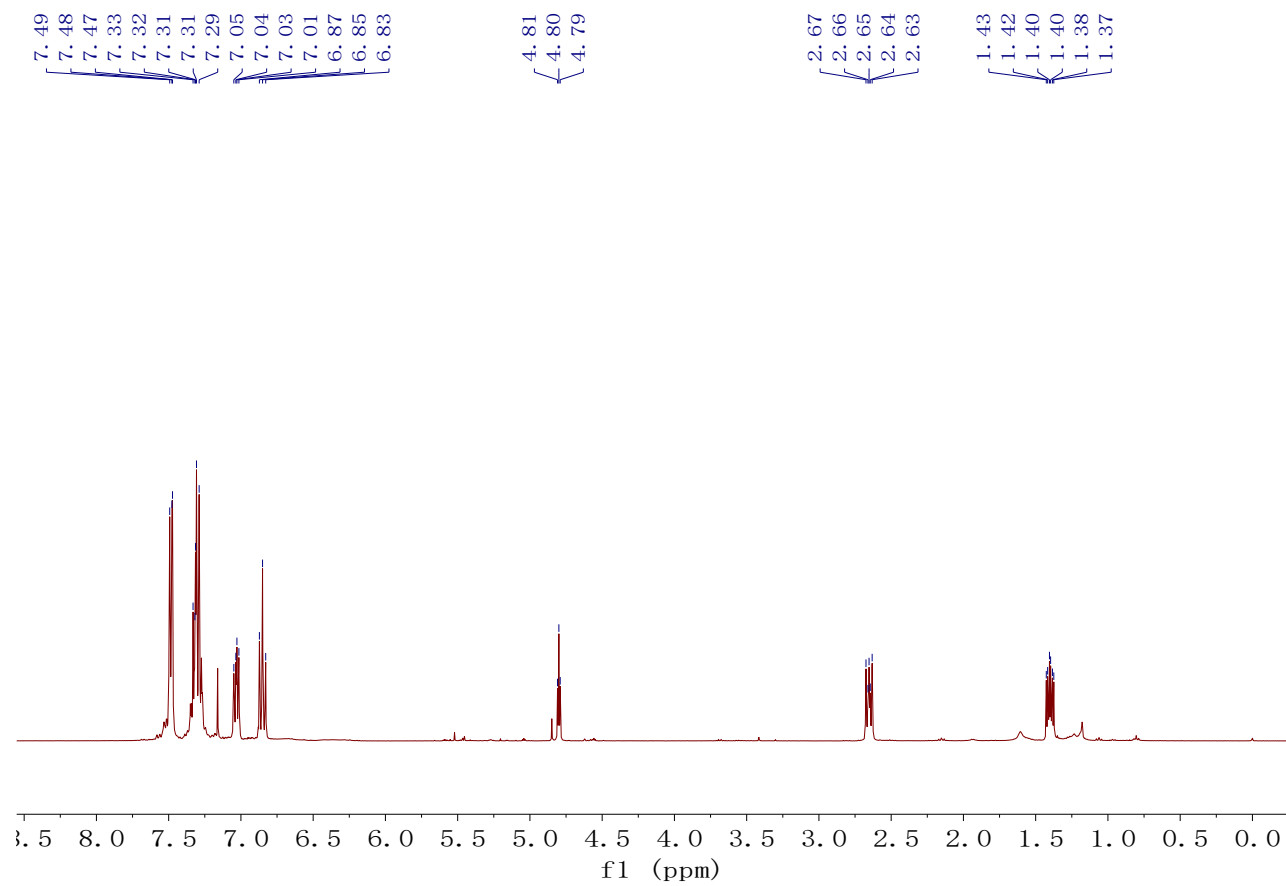


Fig. S6. ¹H NMR spectrum of (4-fluorophenethyl)diphenylsilane in CDCl₃

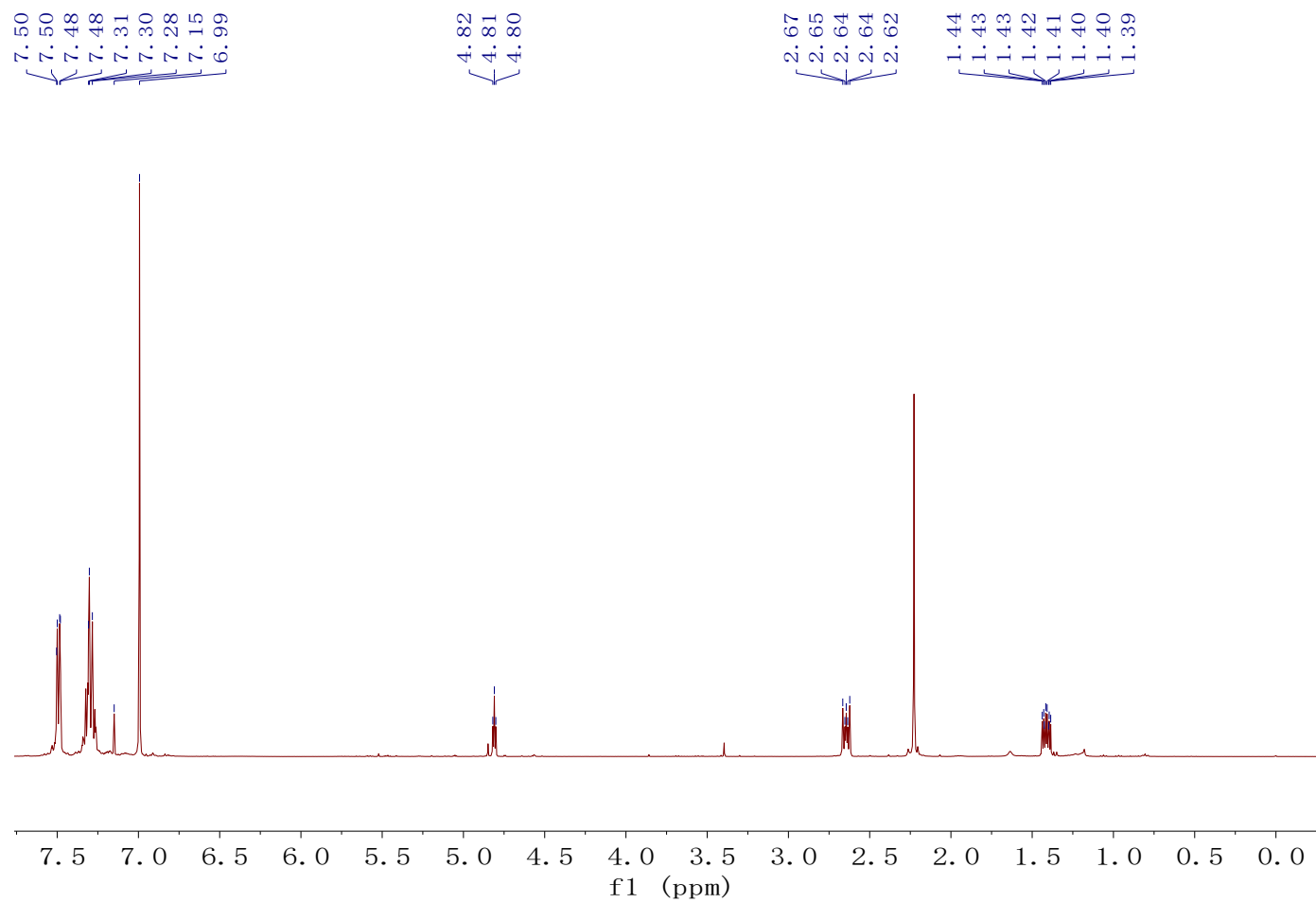


Fig. S7. ^1H NMR spectrum of (4-chlorophenethyl)diphenylsilane in CDCl_3

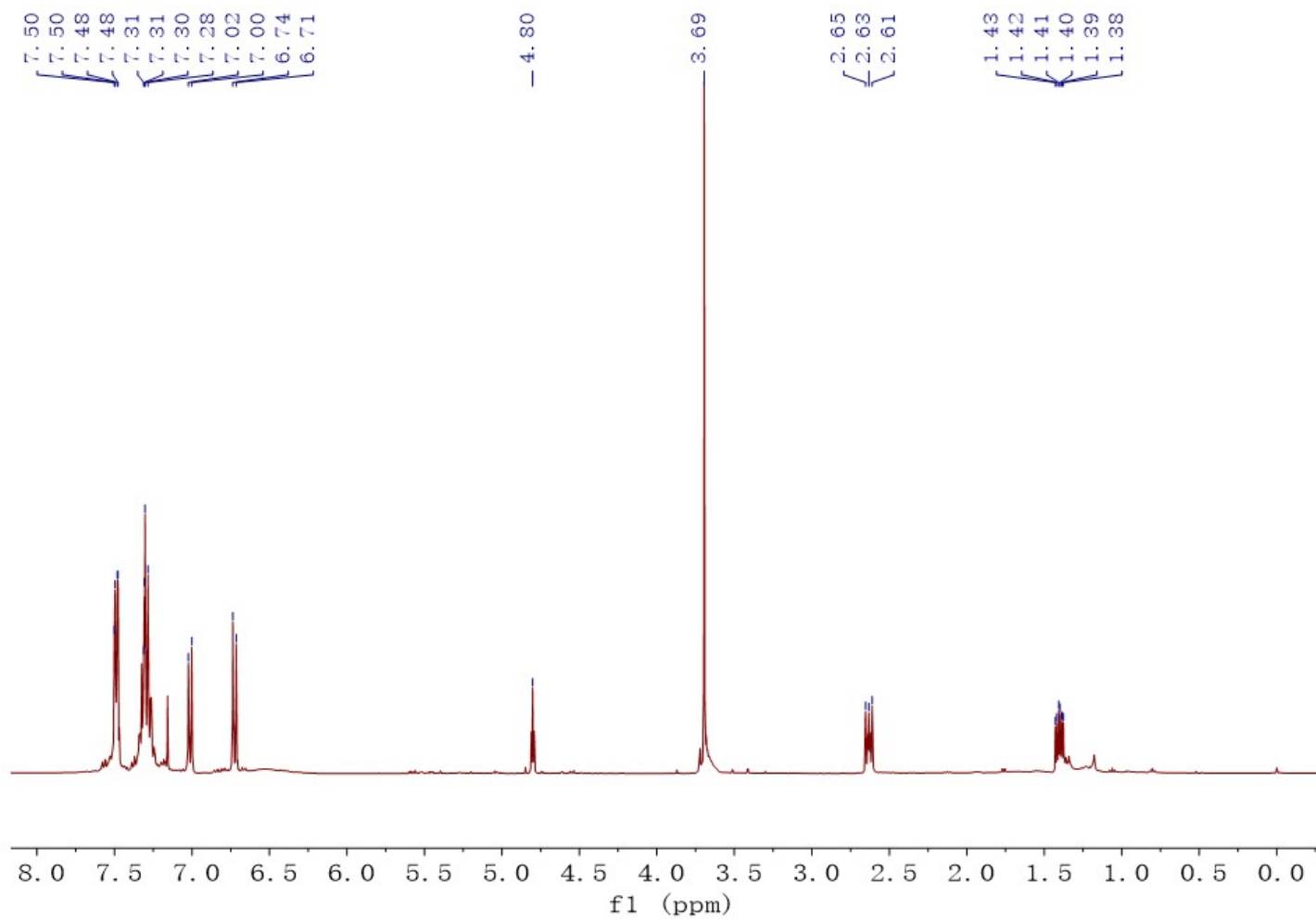


Fig. S8. ^1H NMR spectrum of (4-methoxyphenethyl)diphenylsilane in CDCl_3

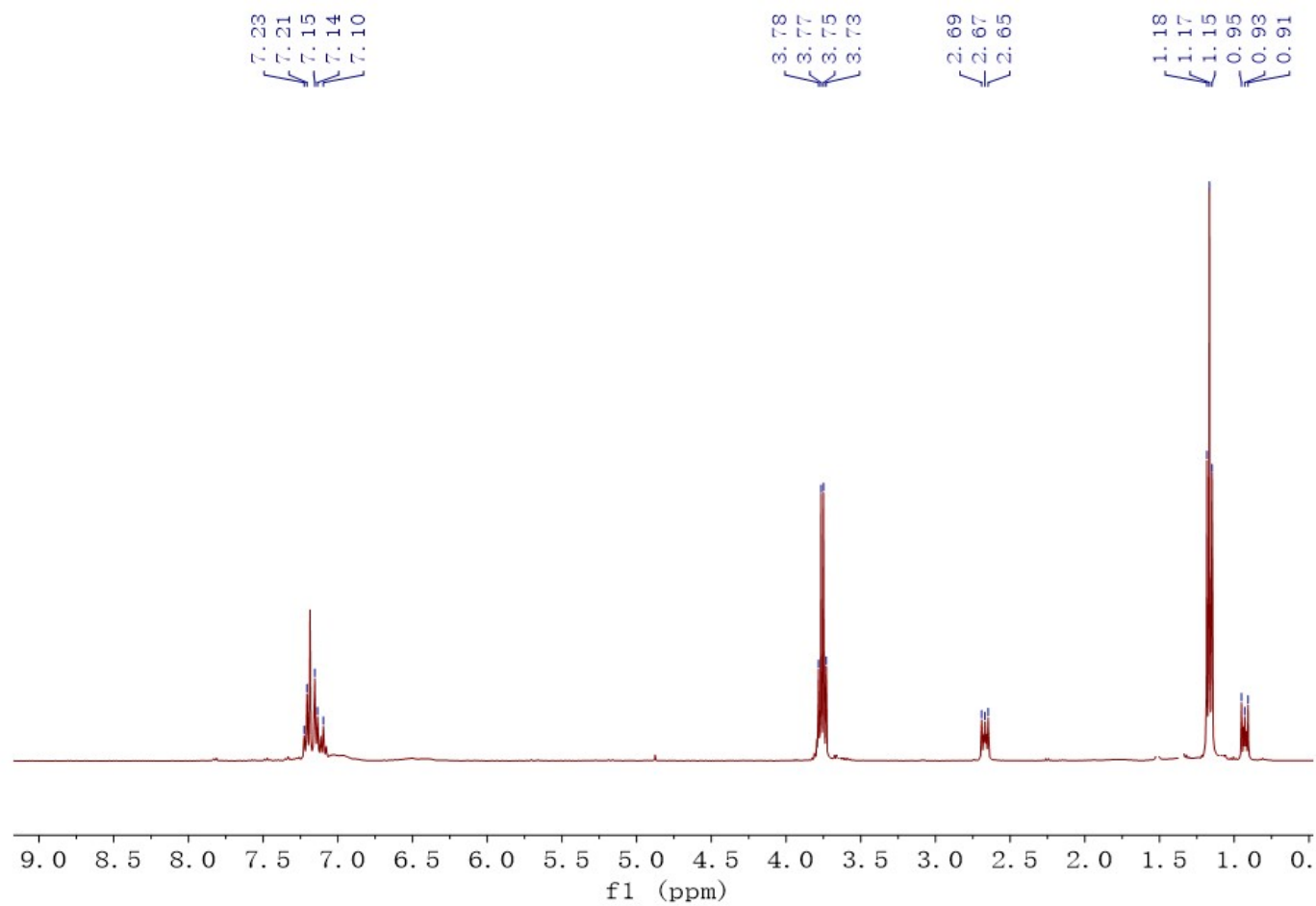


Fig. S9. ^1H NMR spectrum of triethoxy(phenethyl)silane in CDCl_3

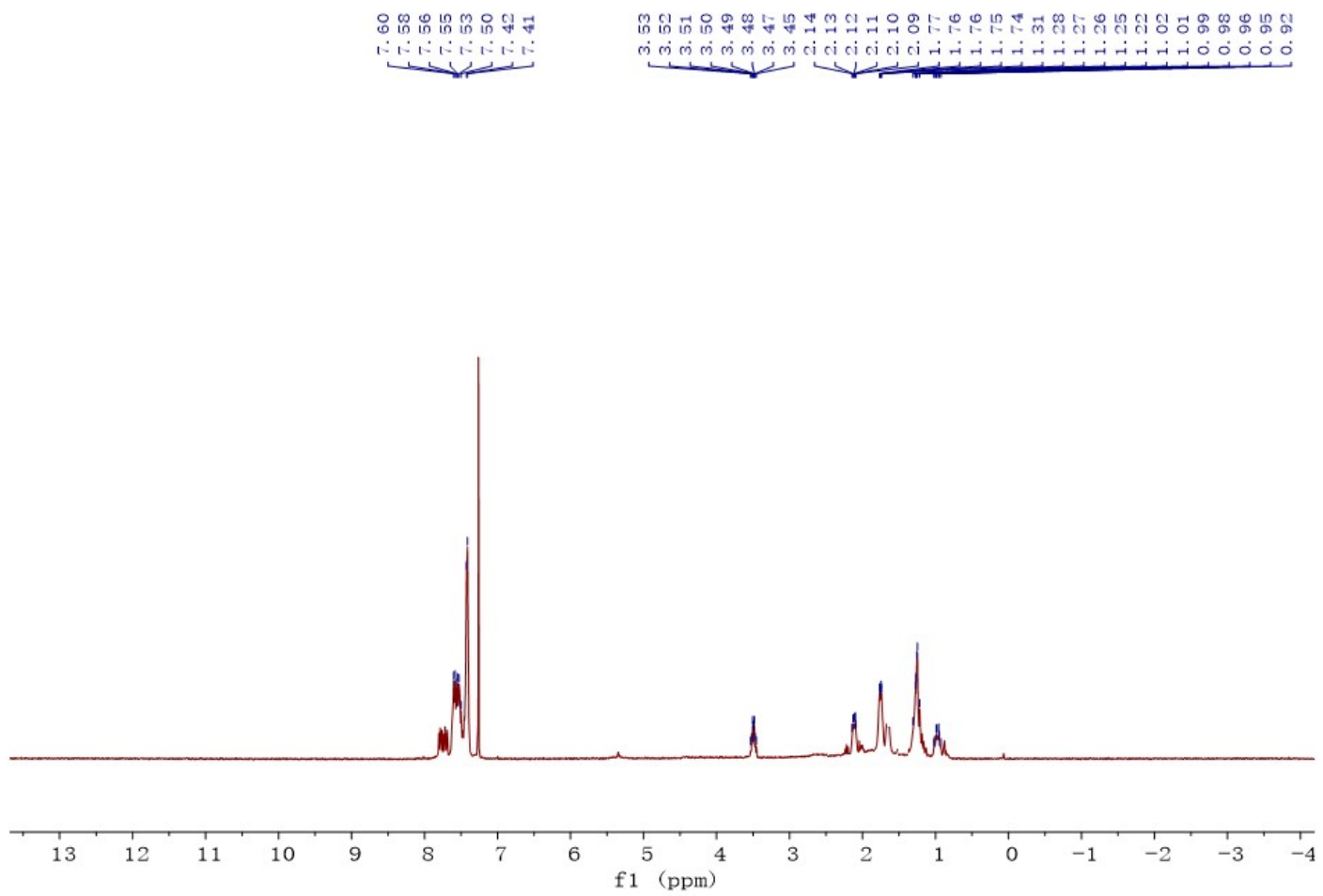


Fig. S10. ^1H NMR spectrum of **1** in CDCl_3

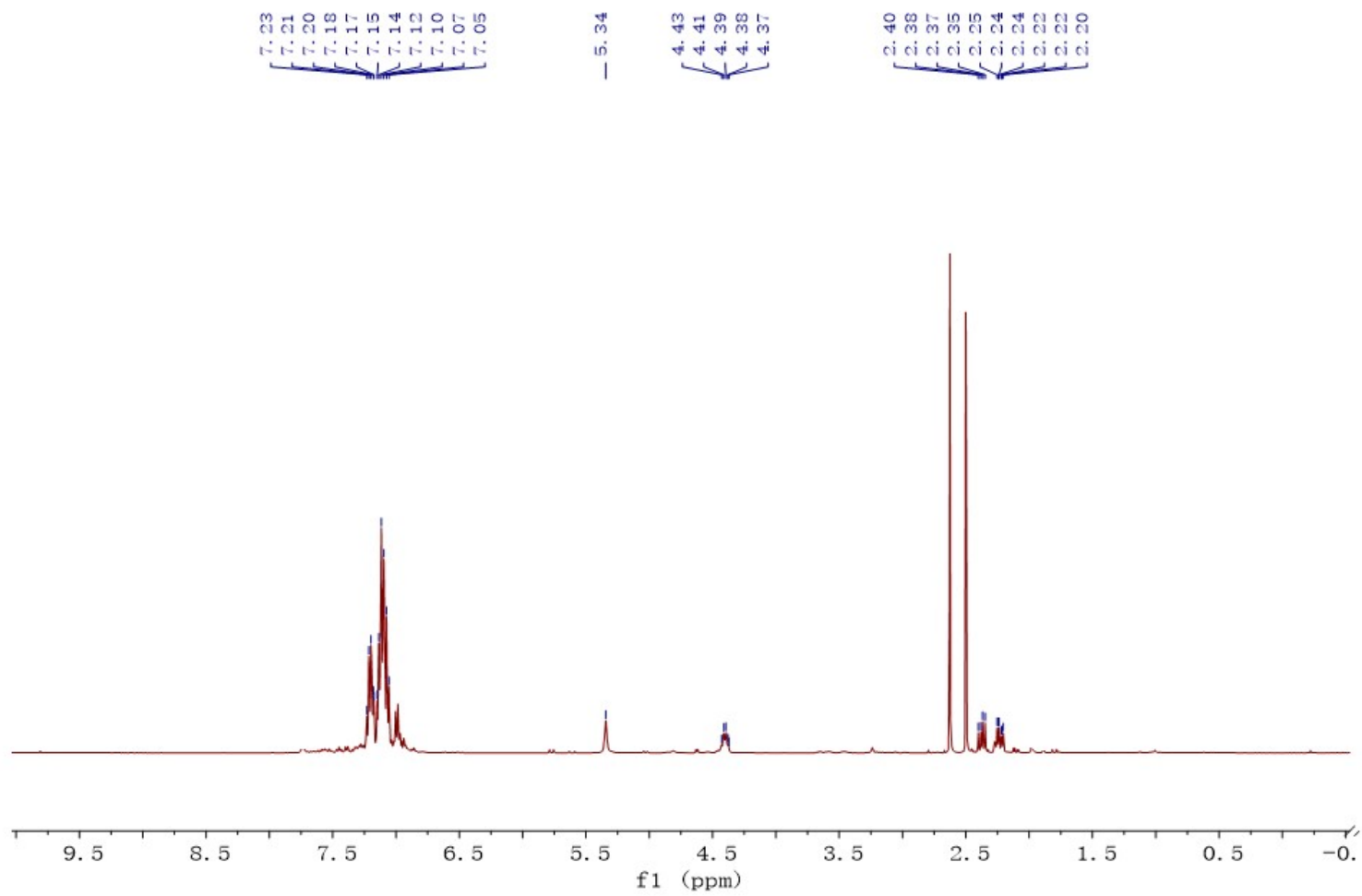


Fig. S11. ^1H NMR spectrum of **2** in $\text{DMSO-}d_6$

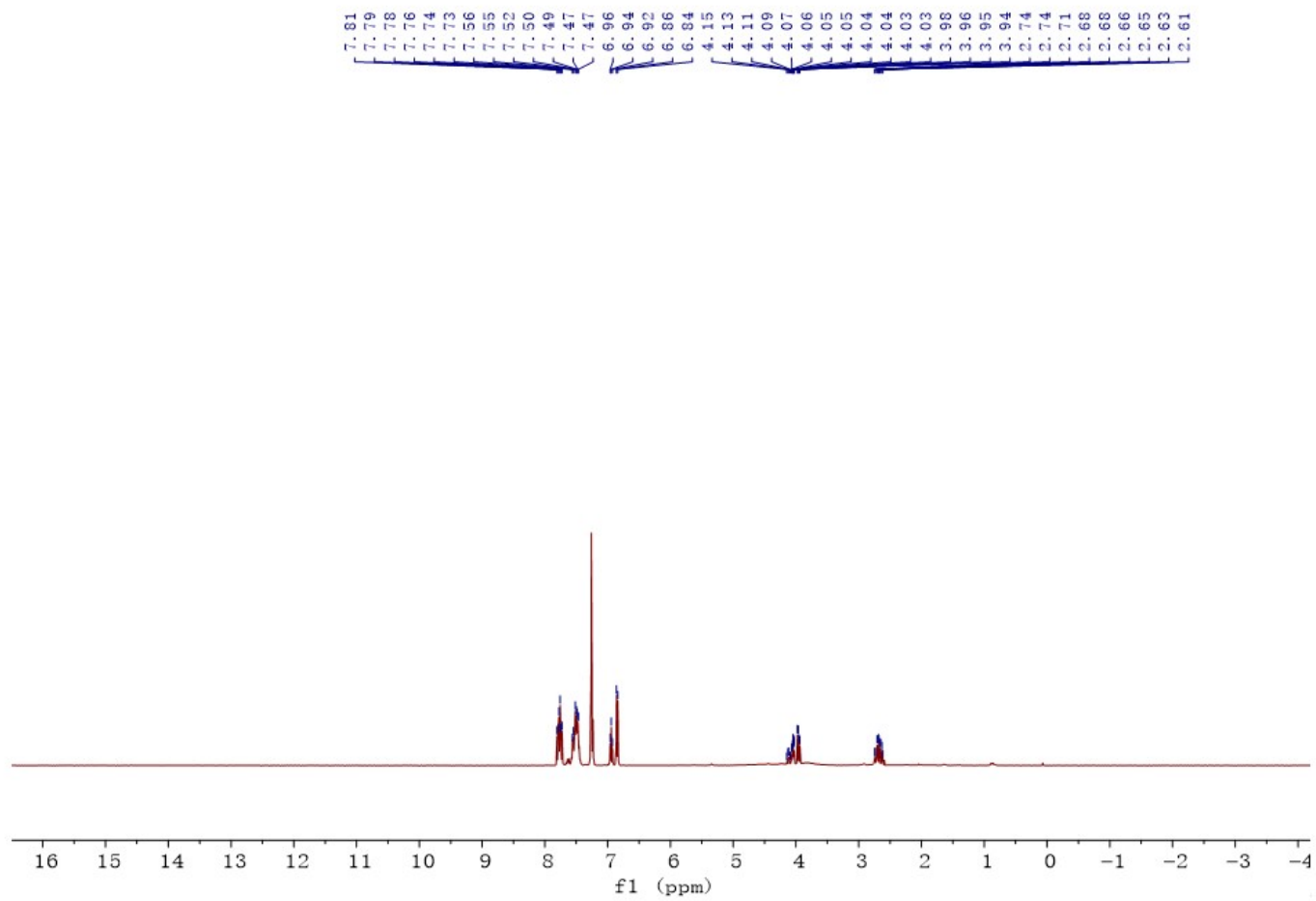


Fig. S12. ^1H NMR spectrum of **3** in CDCl_3

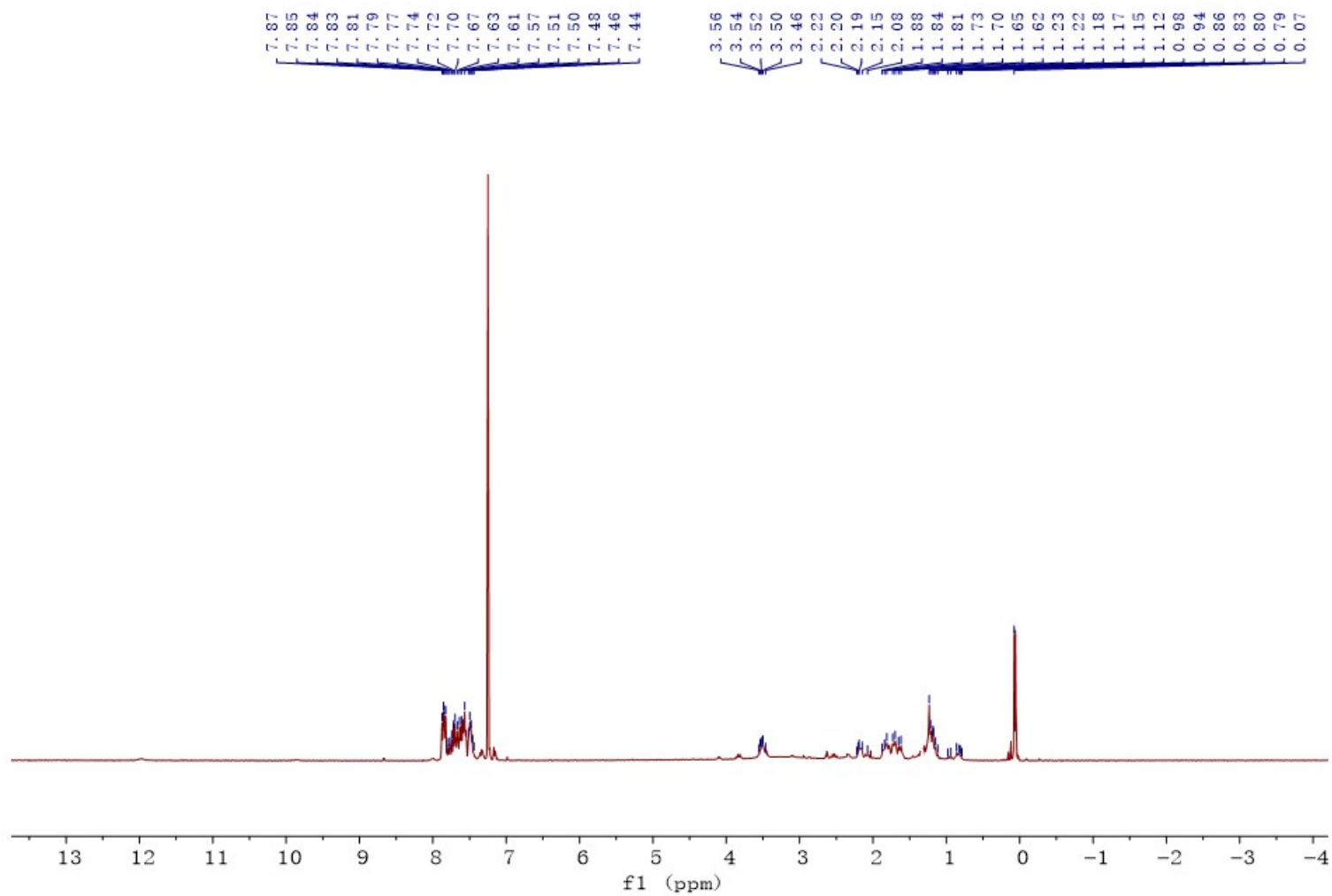


Fig. S13. ^1H NMR spectrum of **1a** in CDCl_3

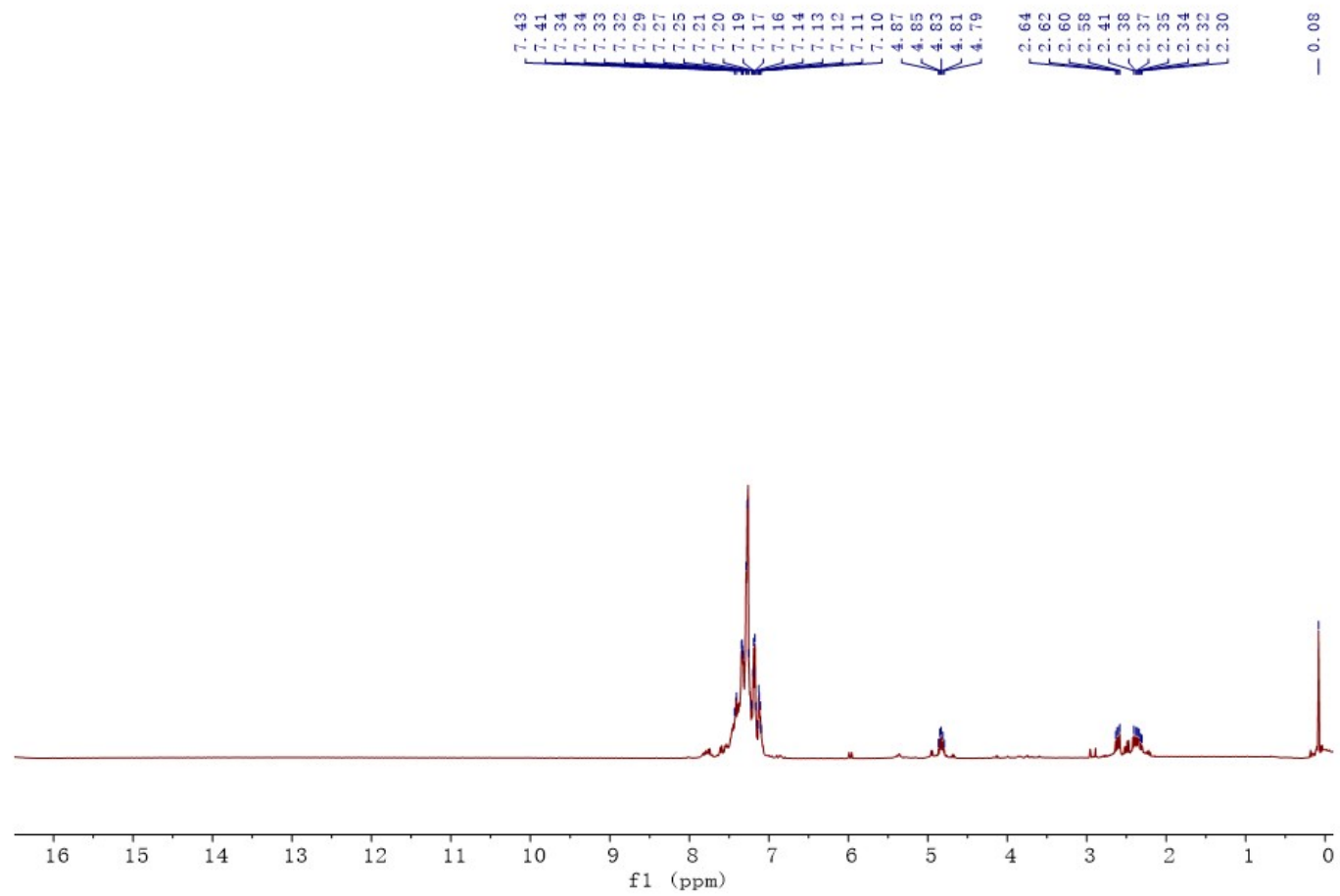


Fig. S16. ^1H NMR spectrum of **2a** in CDCl_3

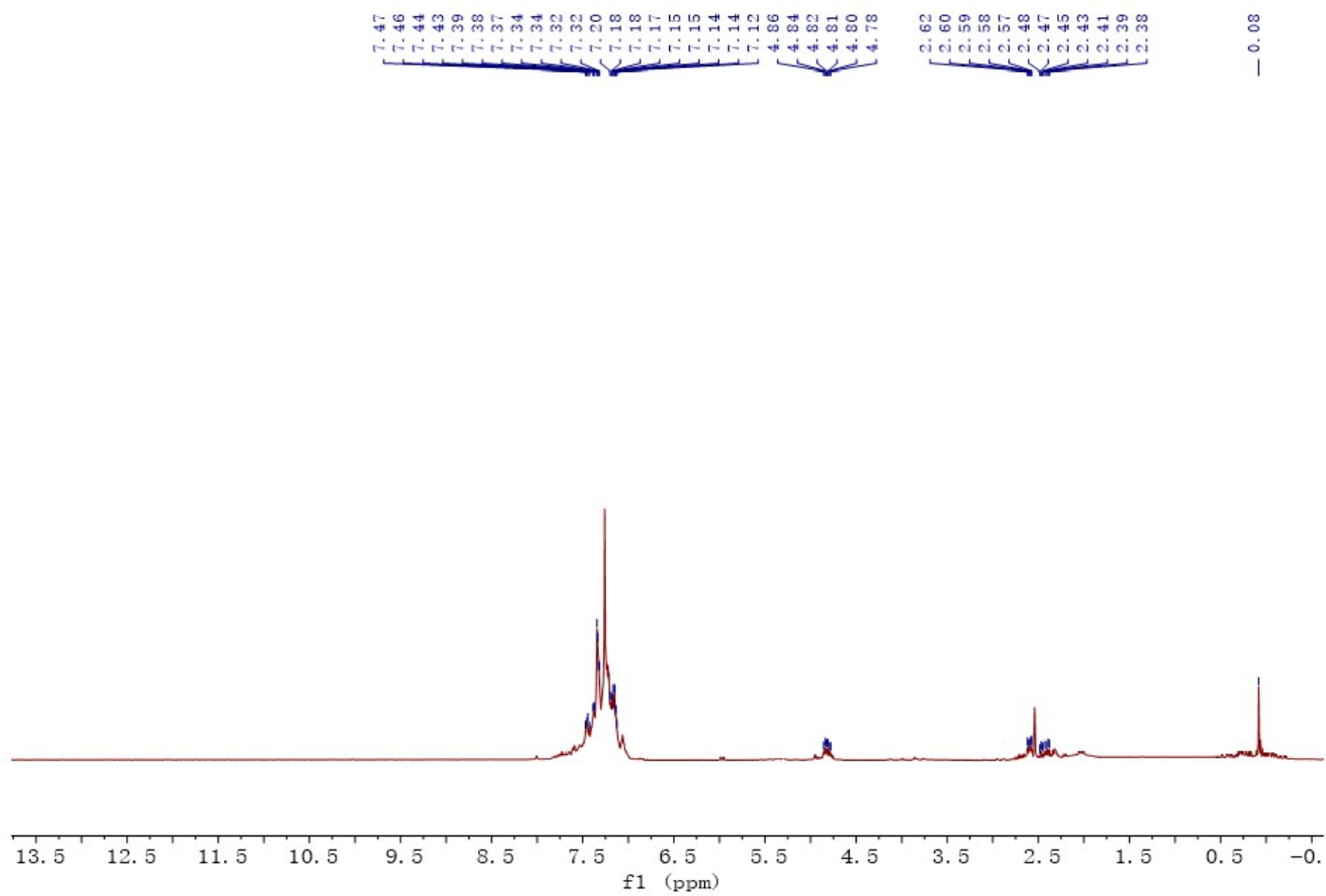


Fig. S17. ¹H NMR spectrum of **2b** in CDCl₃

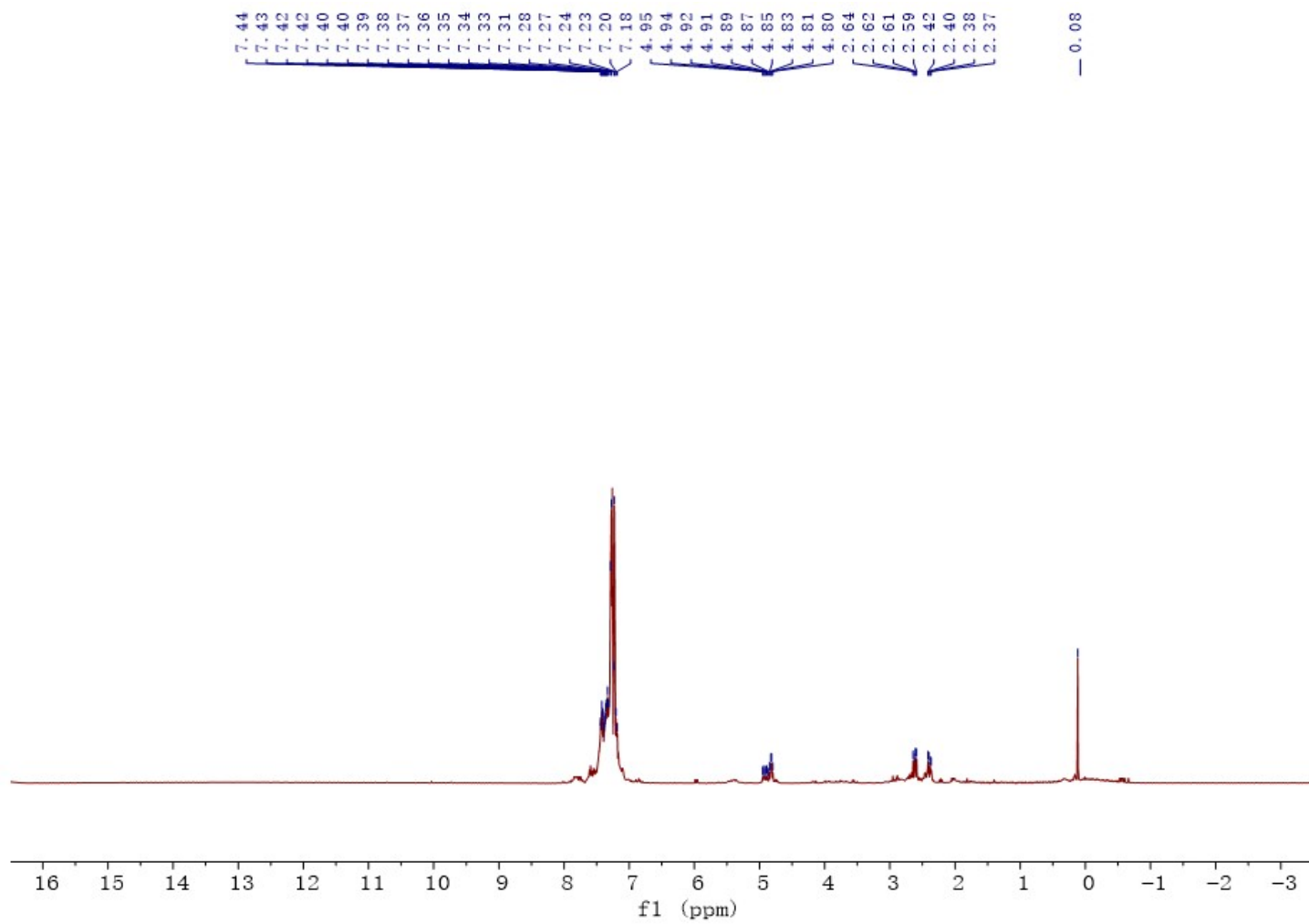


Fig. S18. ^1H NMR spectrum of **2c** in CDCl_3

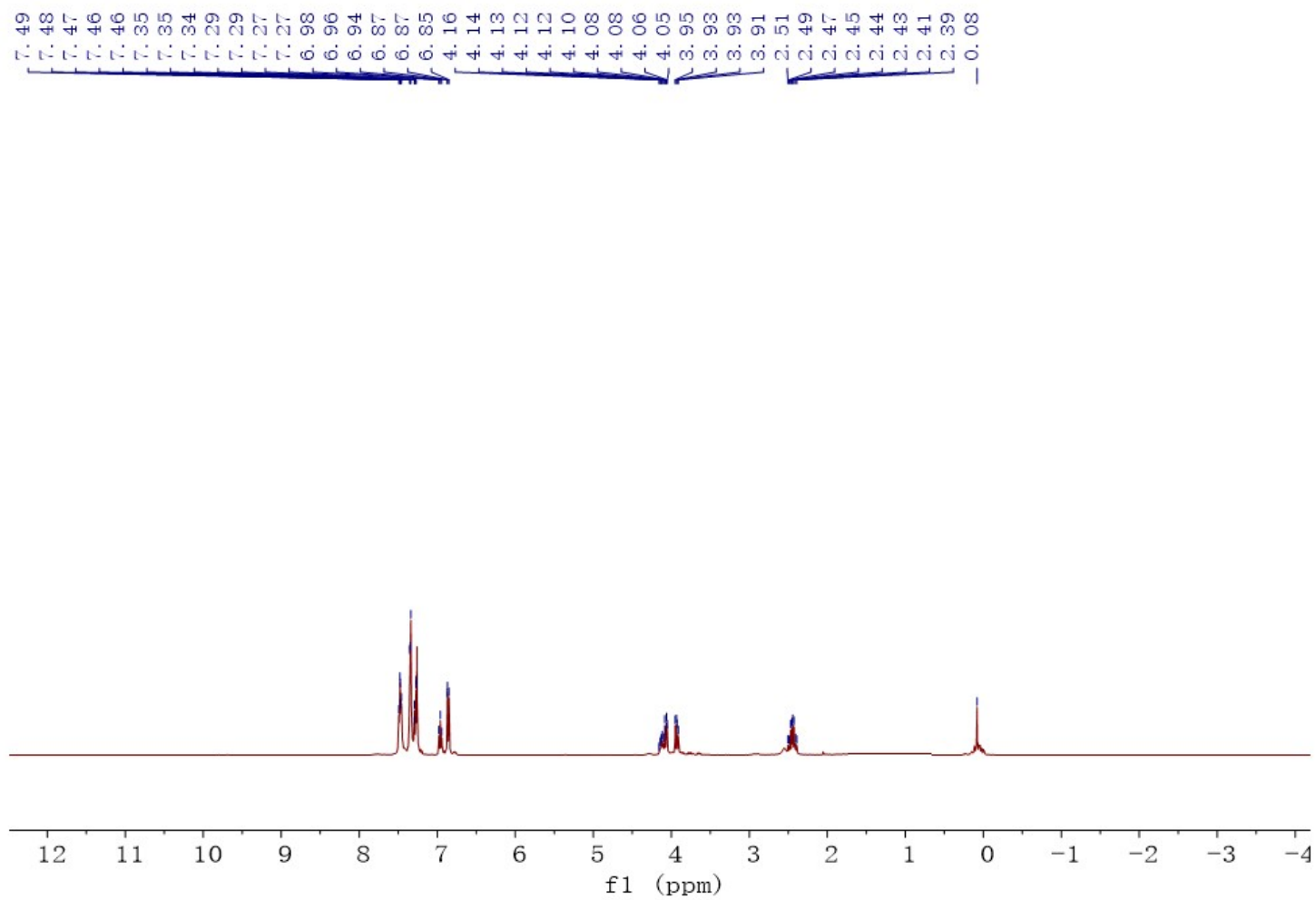


Fig. S19. ^1H NMR spectrum of **3a** in CDCl_3

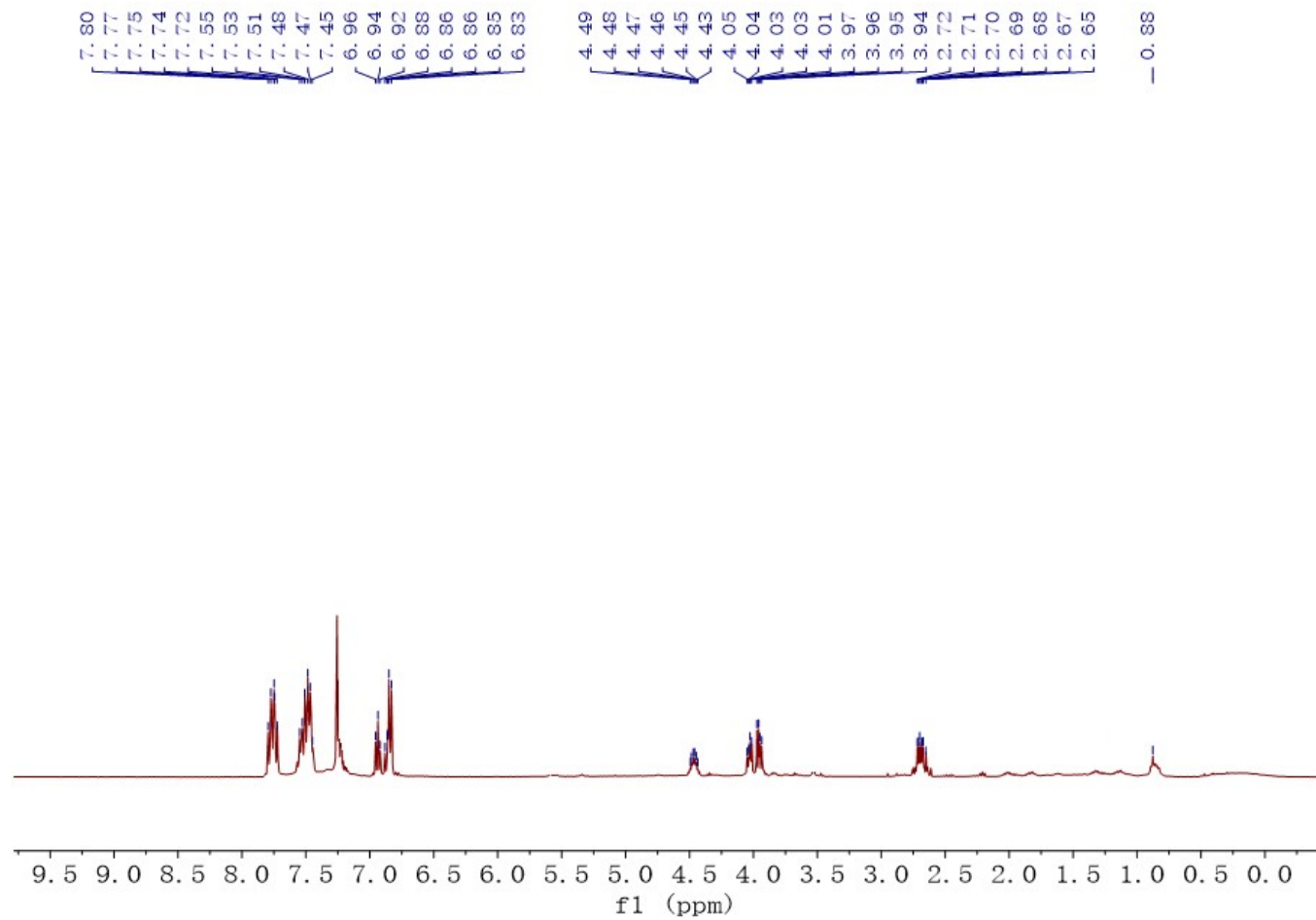


Fig. S20. ¹H NMR spectrum of **3b** in CDCl₃

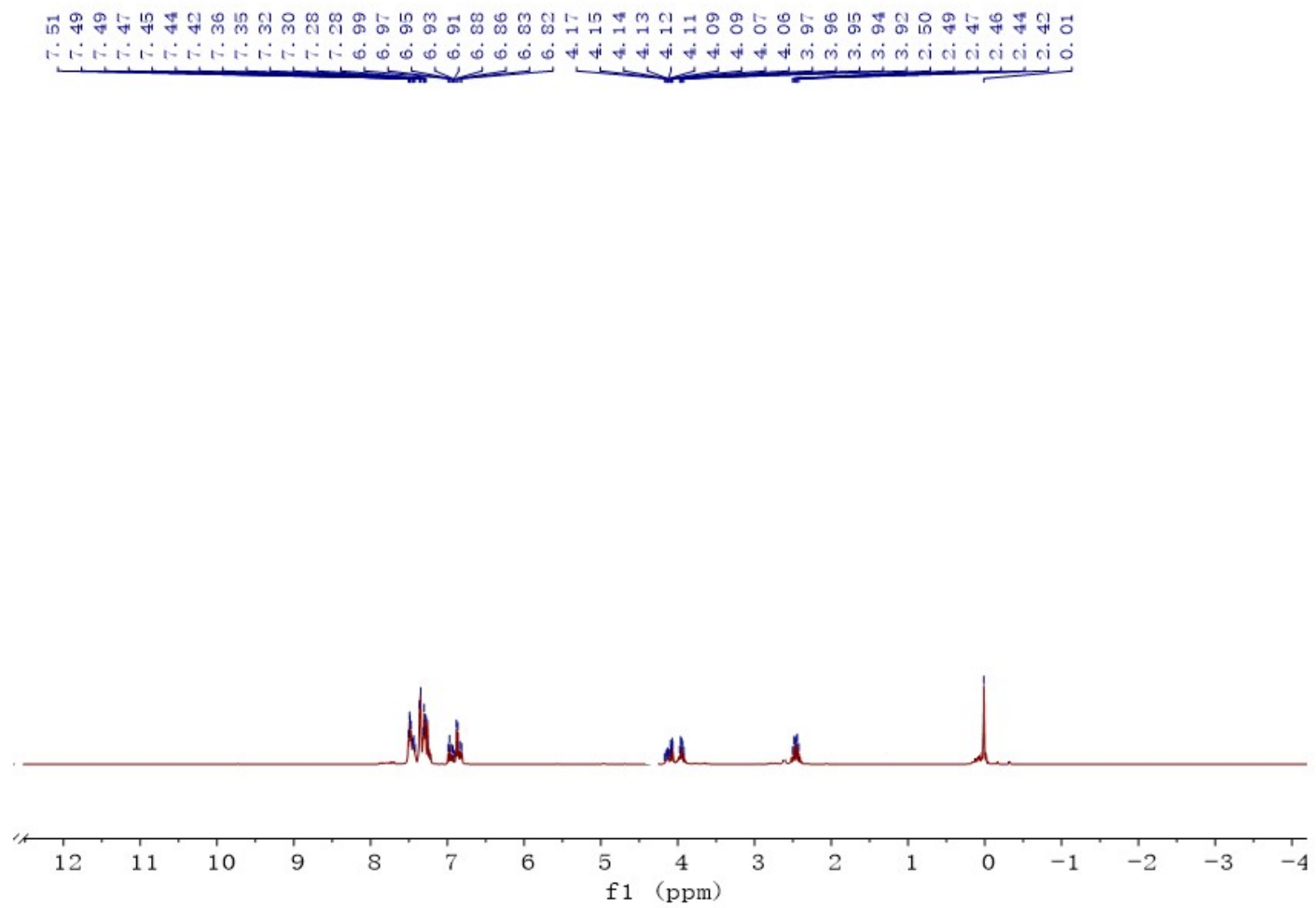


Fig. S21. ^1H NMR spectrum of **3c** in CDCl_3

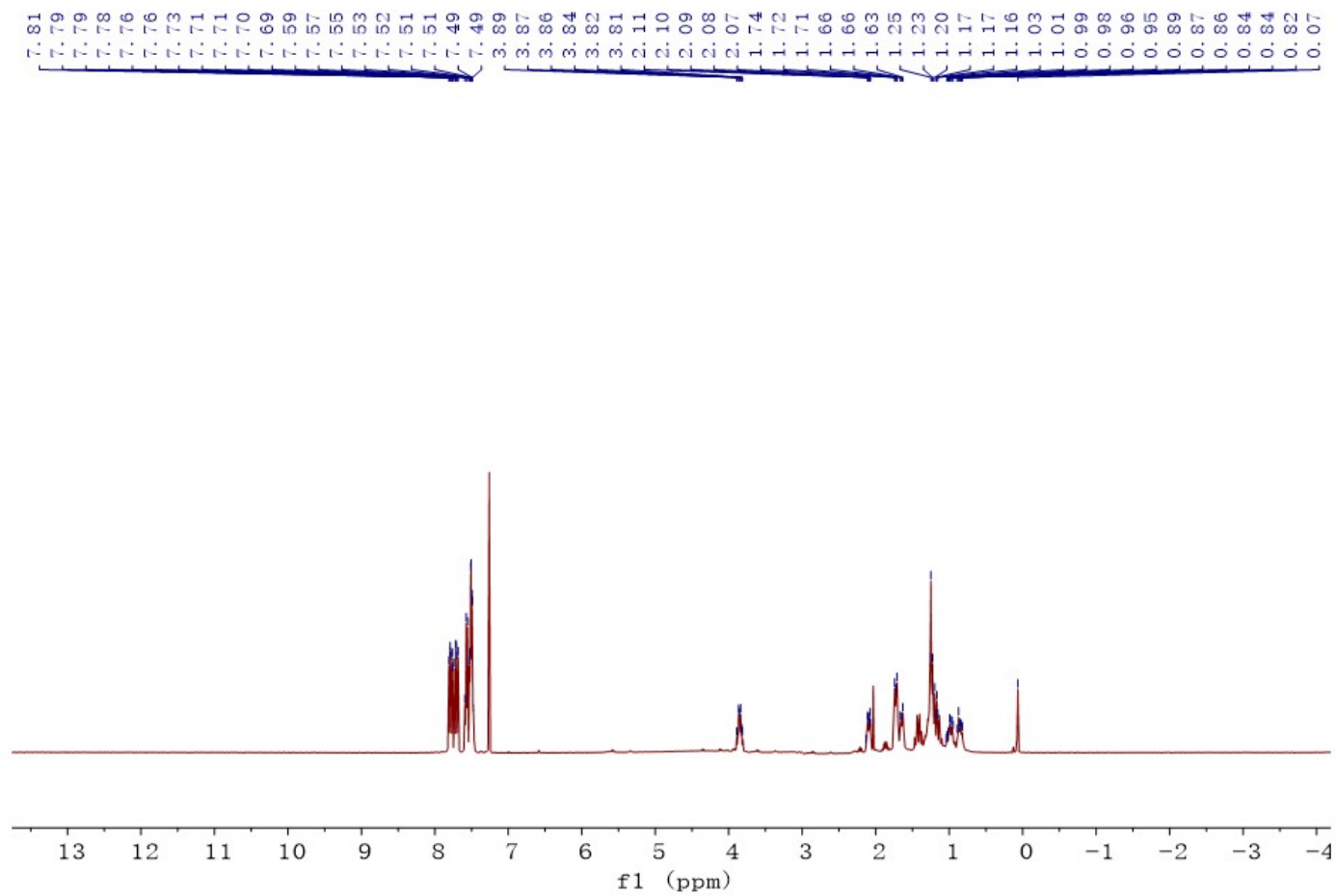


Fig. S22. ^1H NMR spectrum of **4a** in CDCl_3

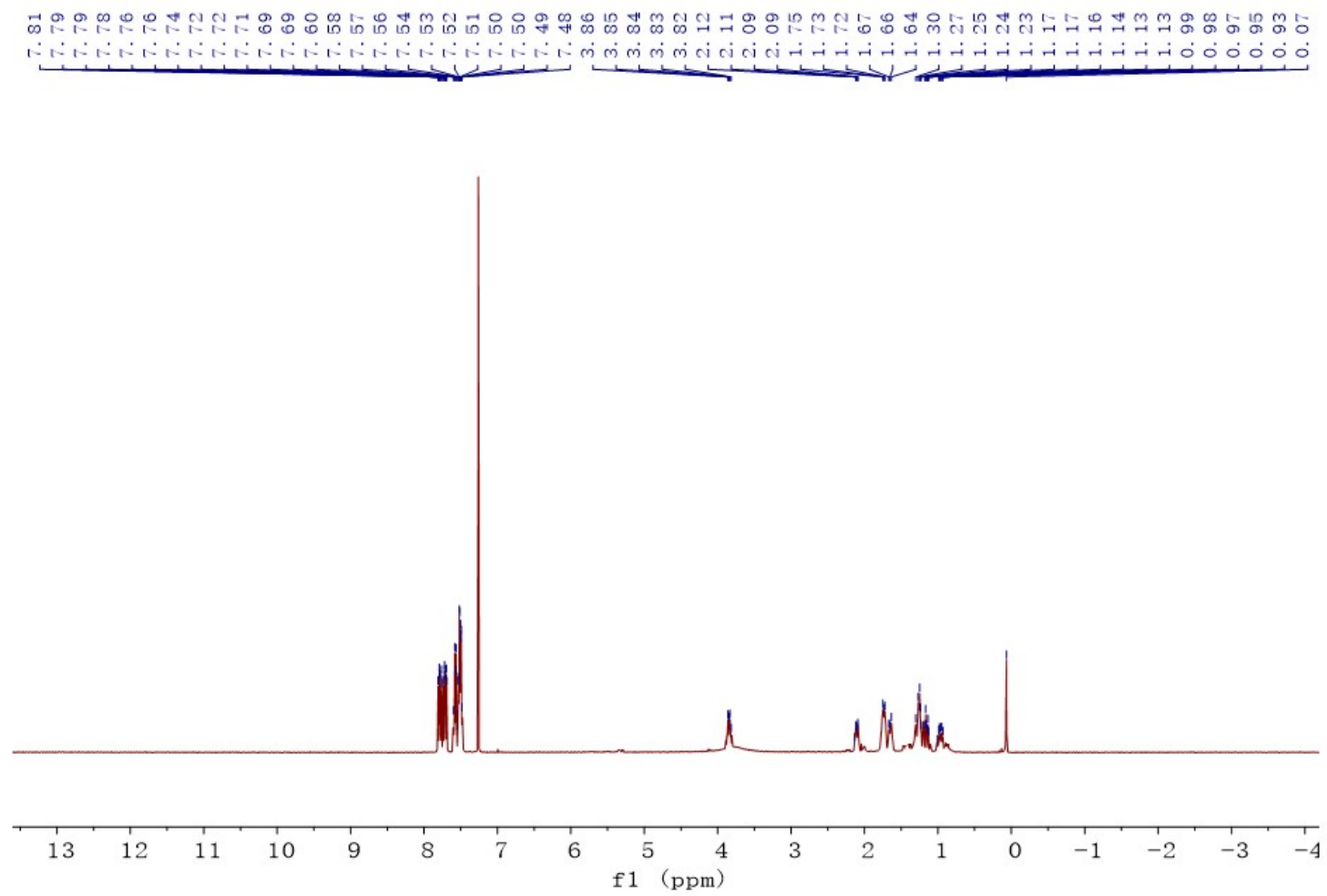


Fig. S23. ^1H NMR spectrum of **4b** in CDCl_3

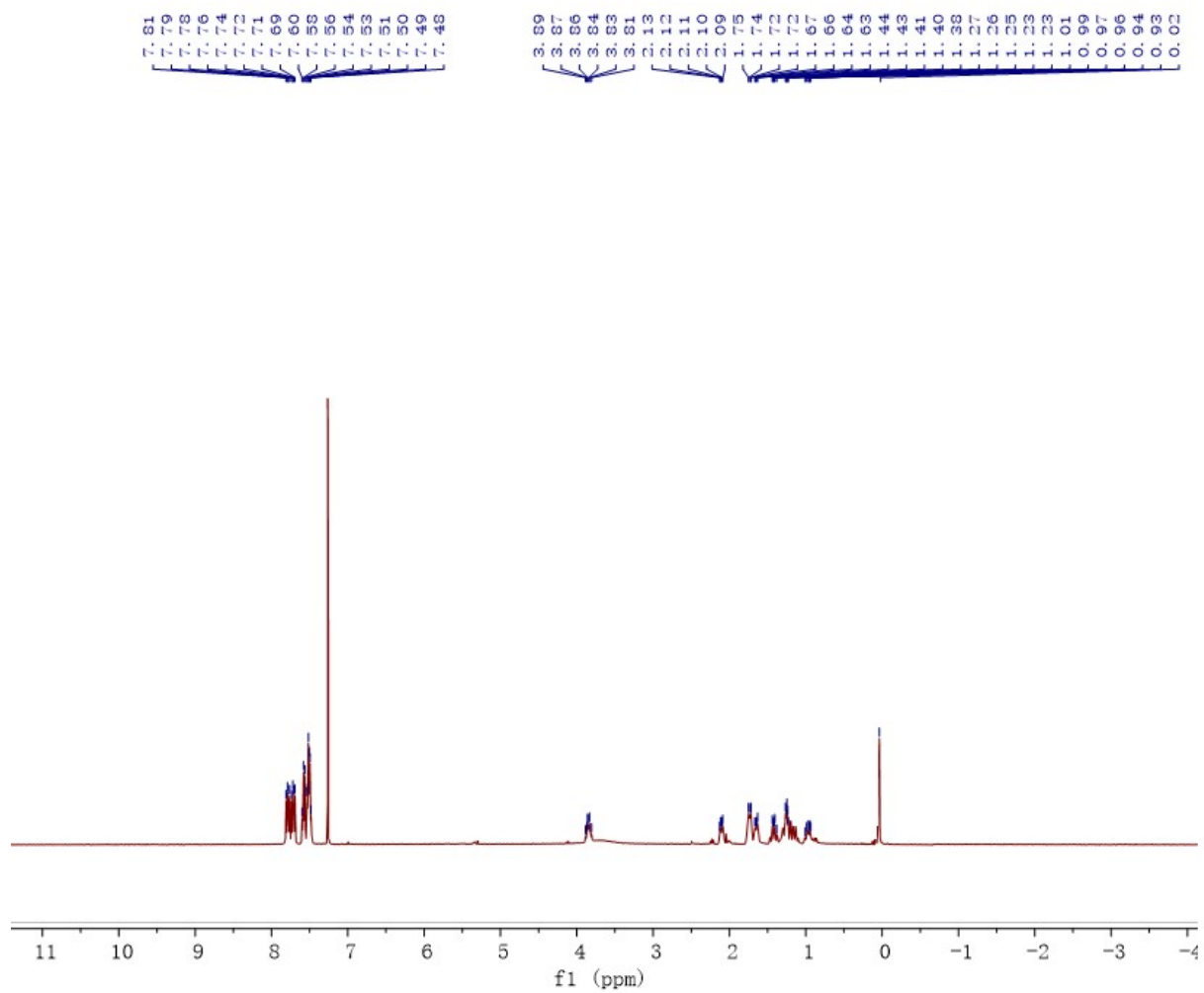


Fig. S24. ¹H NMR spectrum of **4c** in CDCl₃

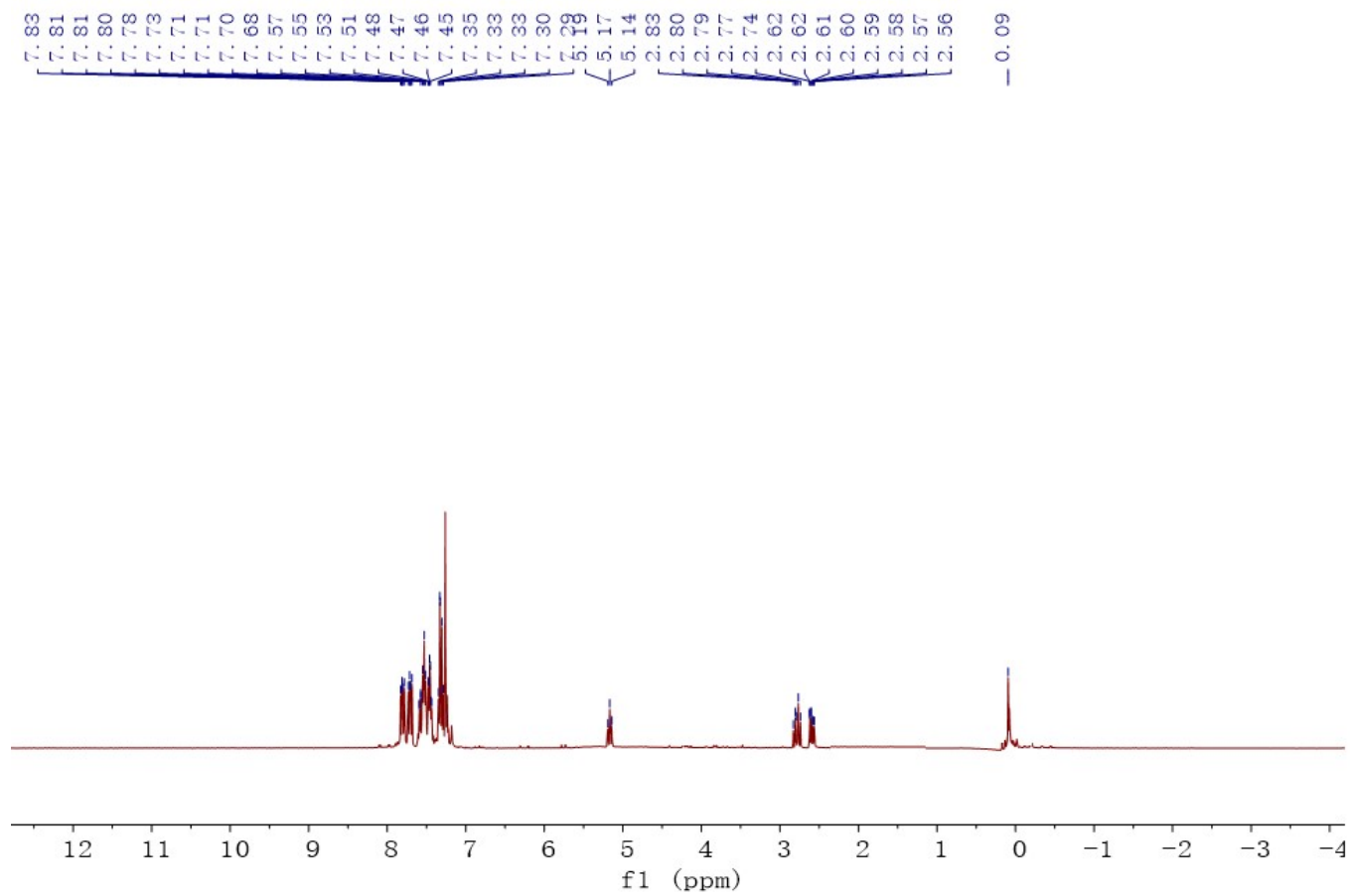


Fig. S25. ^1H NMR spectrum of **5a** in CDCl_3

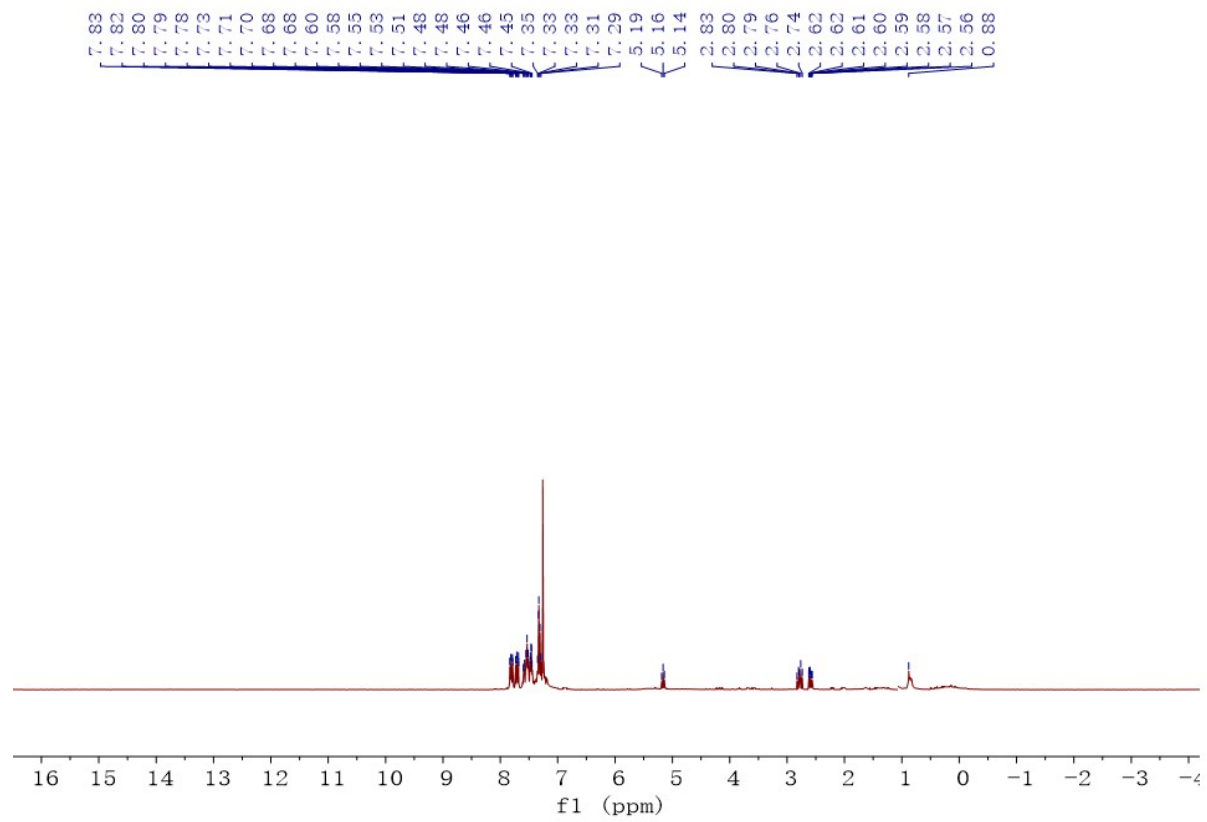


Fig. S26. ^1H NMR spectrum of **5b** in CDCl_3

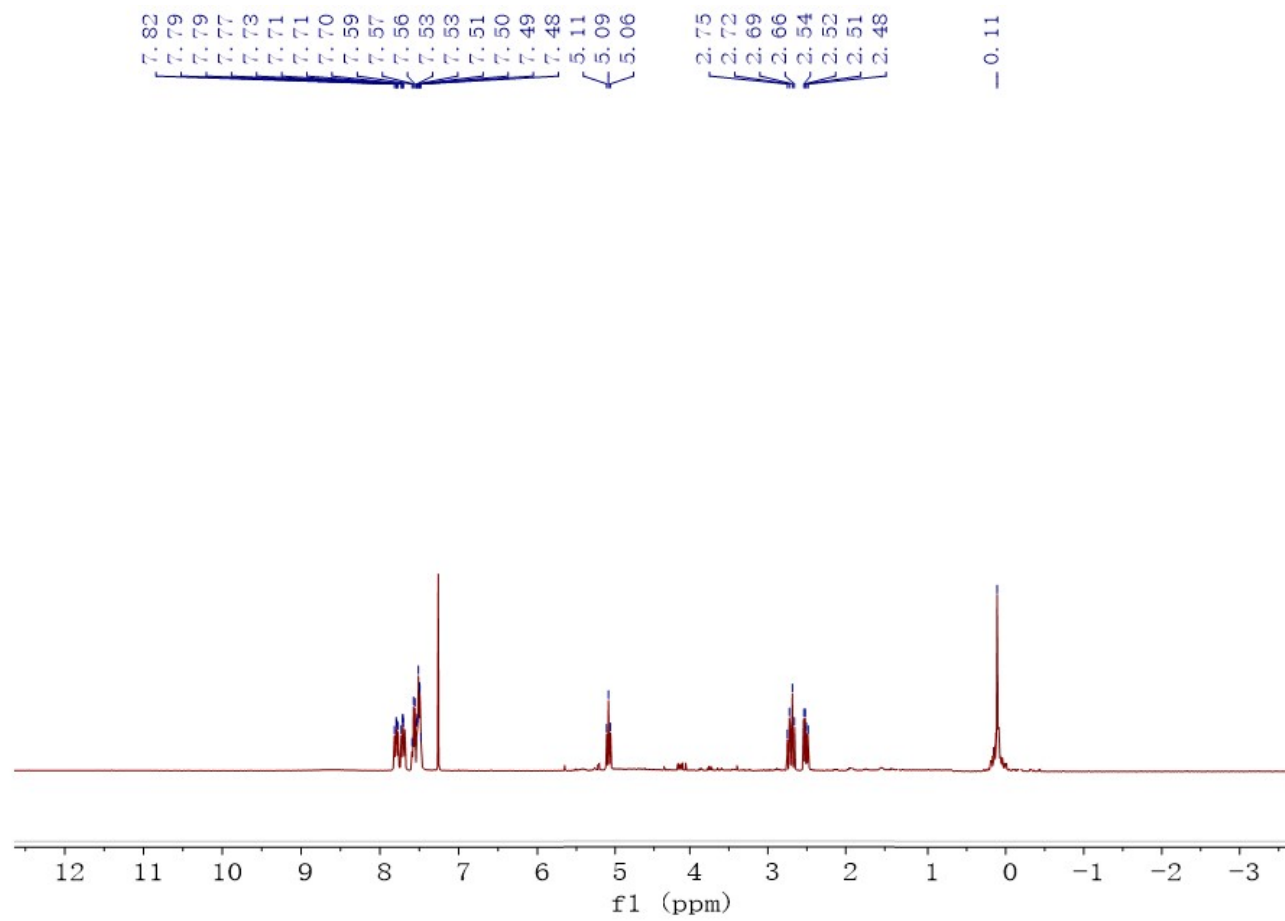


Fig. S27. ¹H NMR spectrum of **5c** in CDCl₃

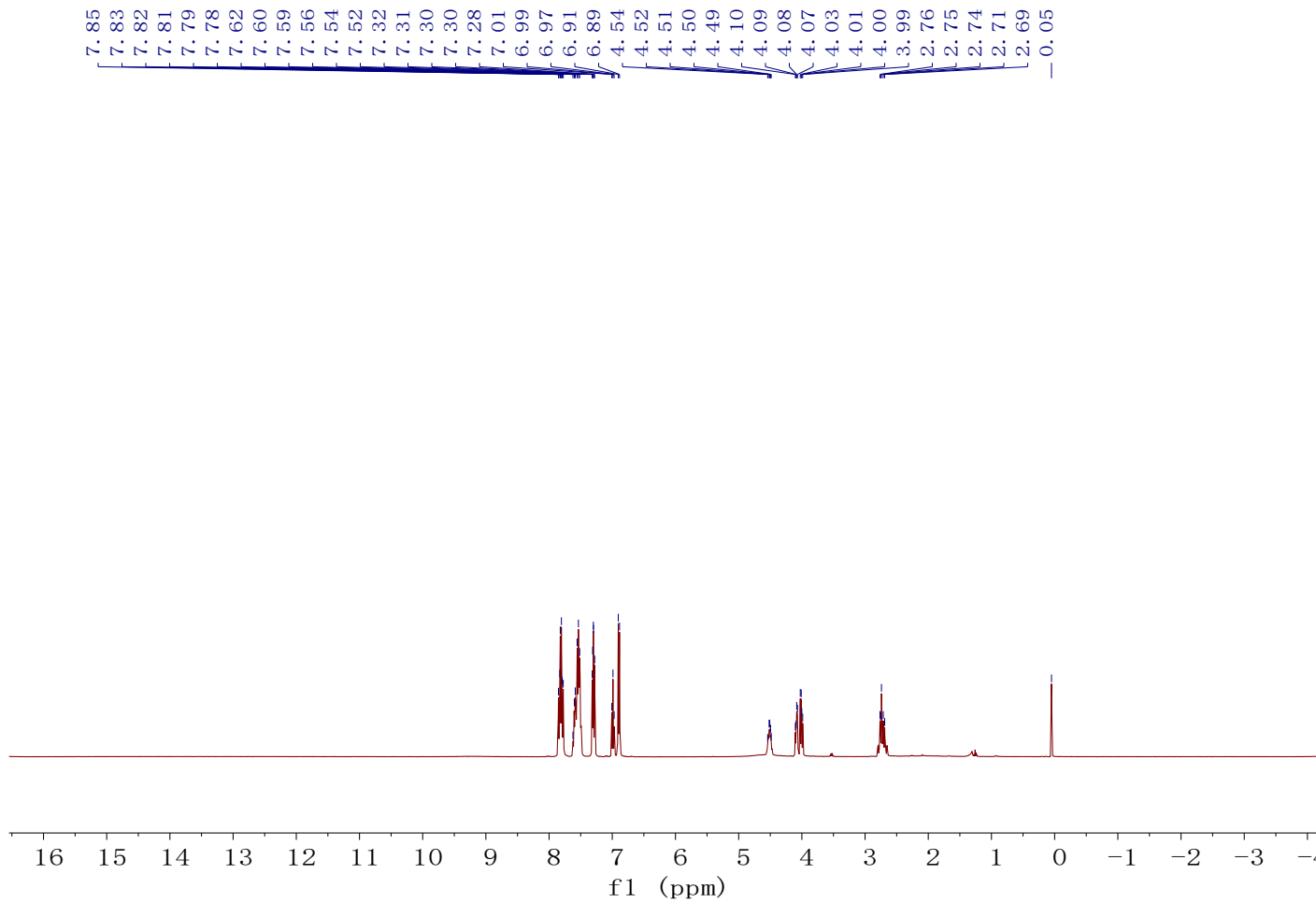


Fig. S28. ¹H NMR spectrum of **6a** in CDCl₃

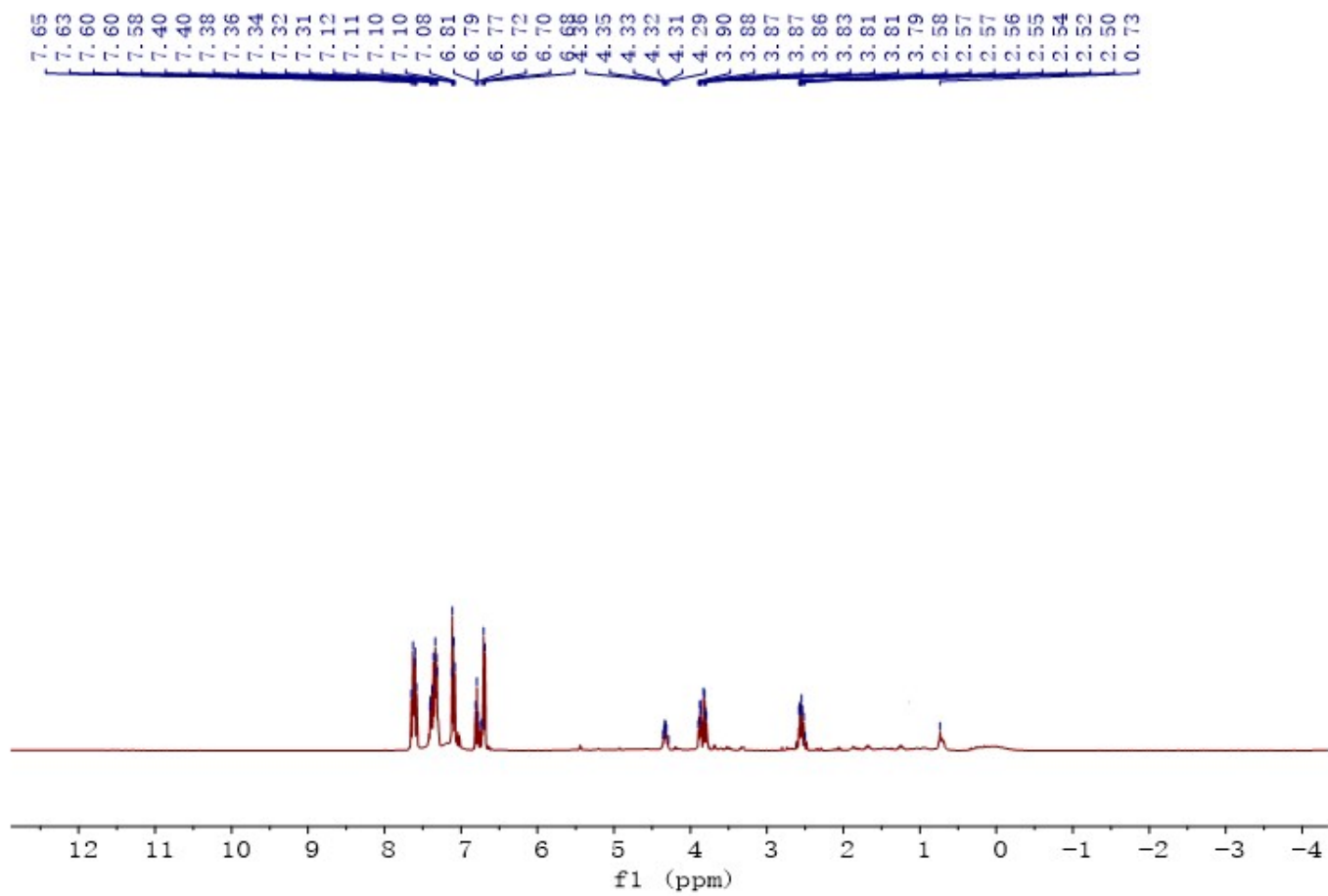


Fig. S29. ^1H NMR spectrum of **6b** in CDCl_3

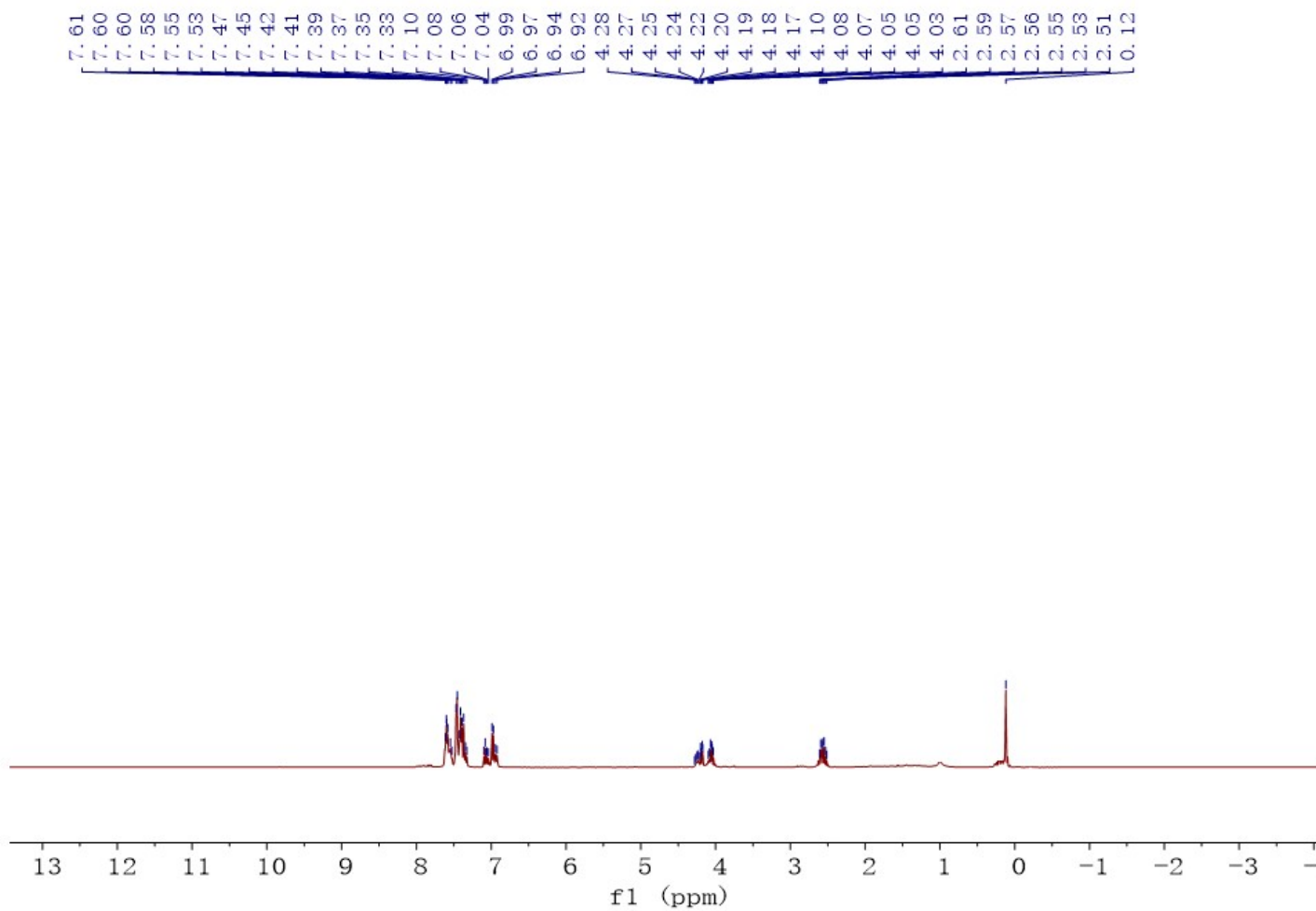


Fig. S30. ^1H NMR spectrum of **6c** in CDCl_3

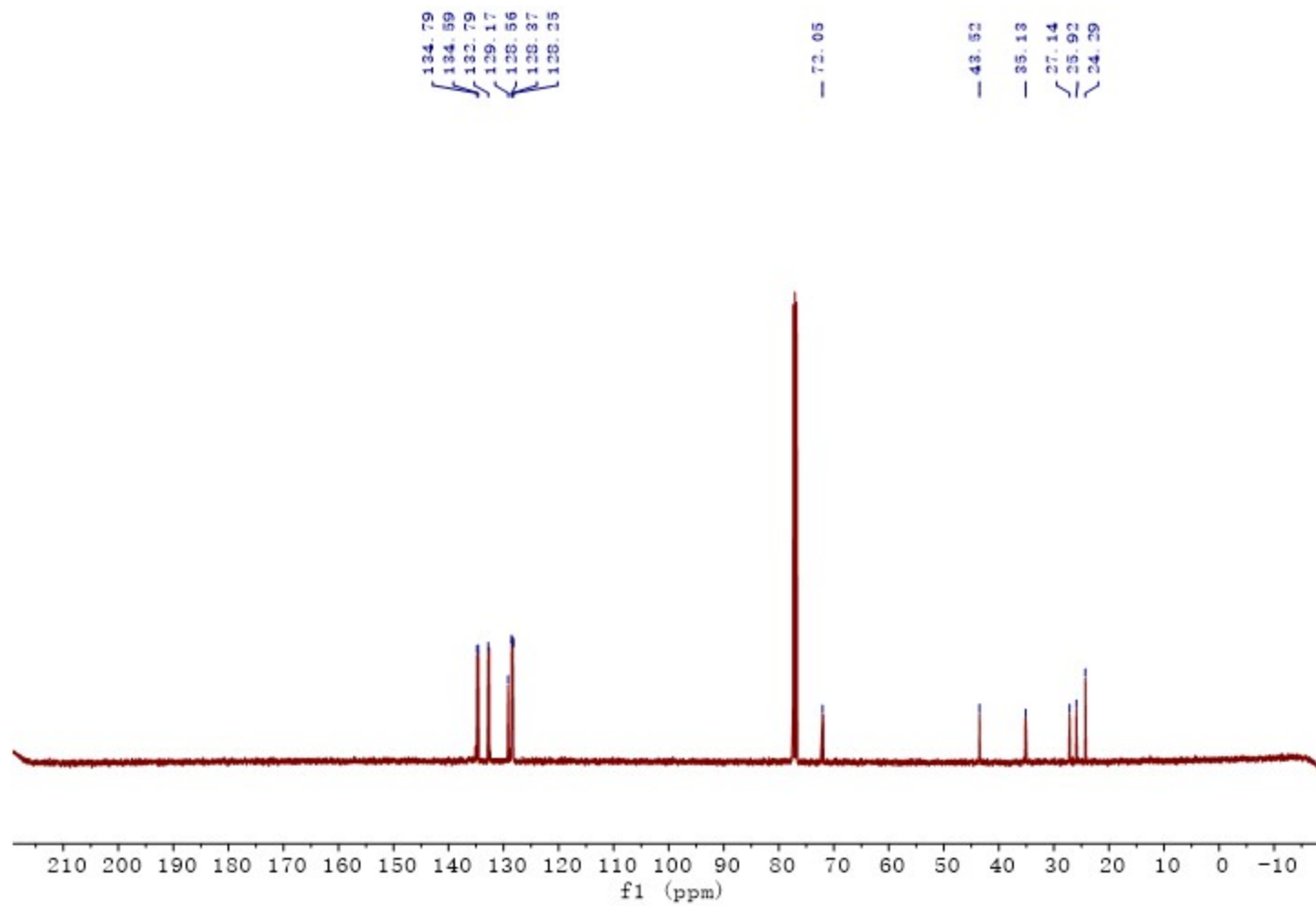


Fig. S31. ^{13}C NMR spectrum of **1** in CDCl_3

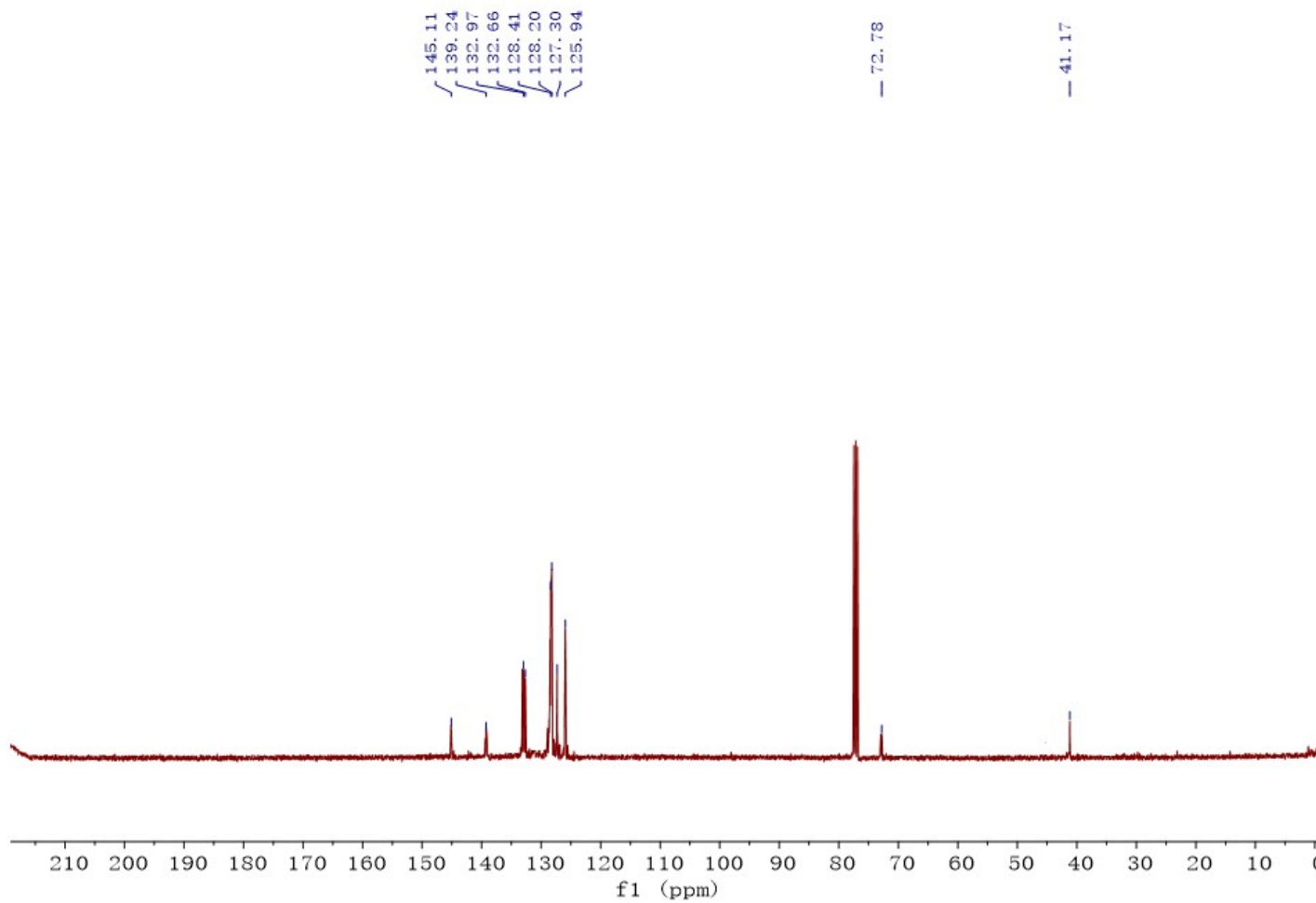


Fig. S32. ^{13}C NMR spectrum of **2** in CDCl_3

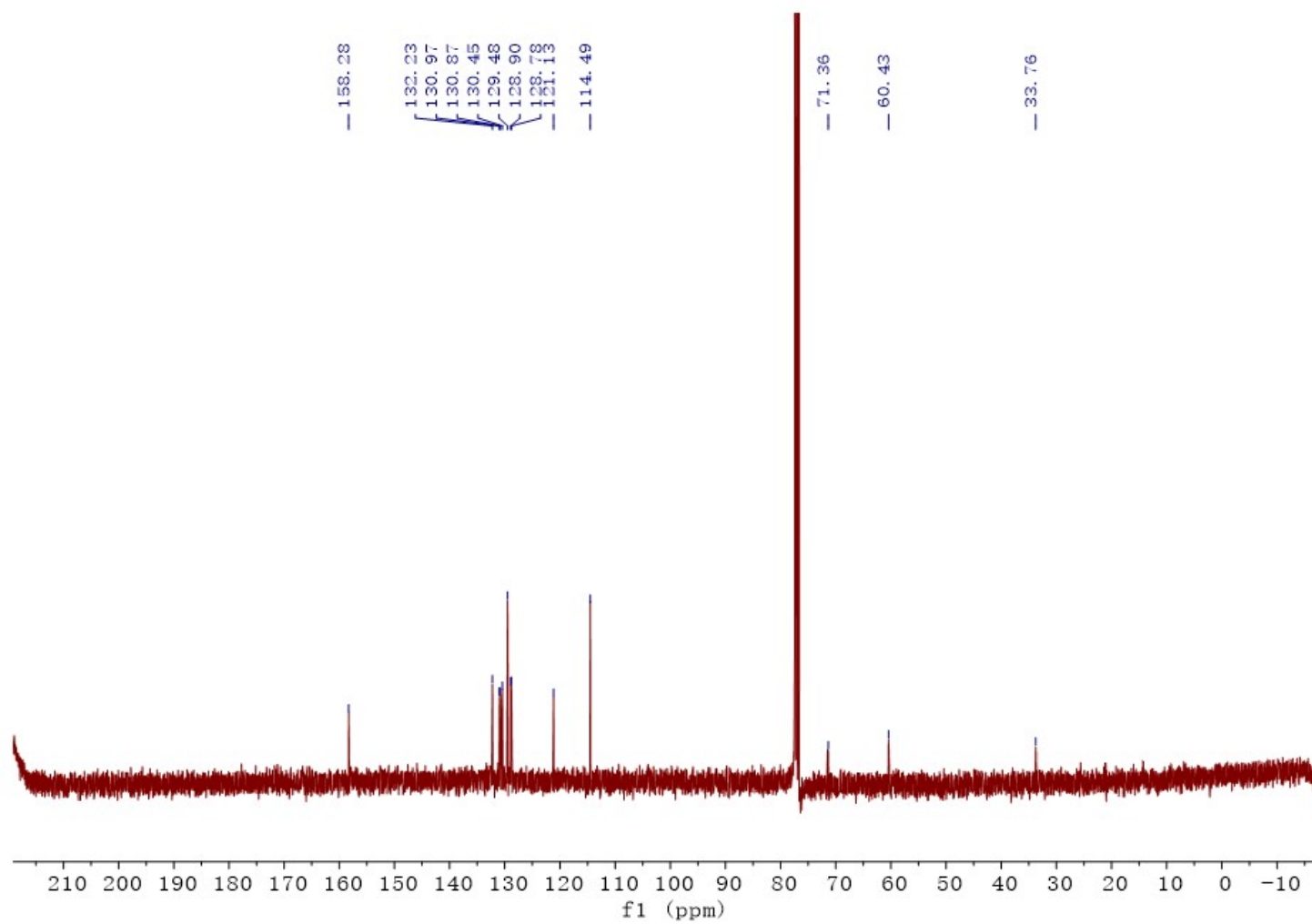


Fig. S33. ^{13}C NMR spectrum of **3** in CDCl_3

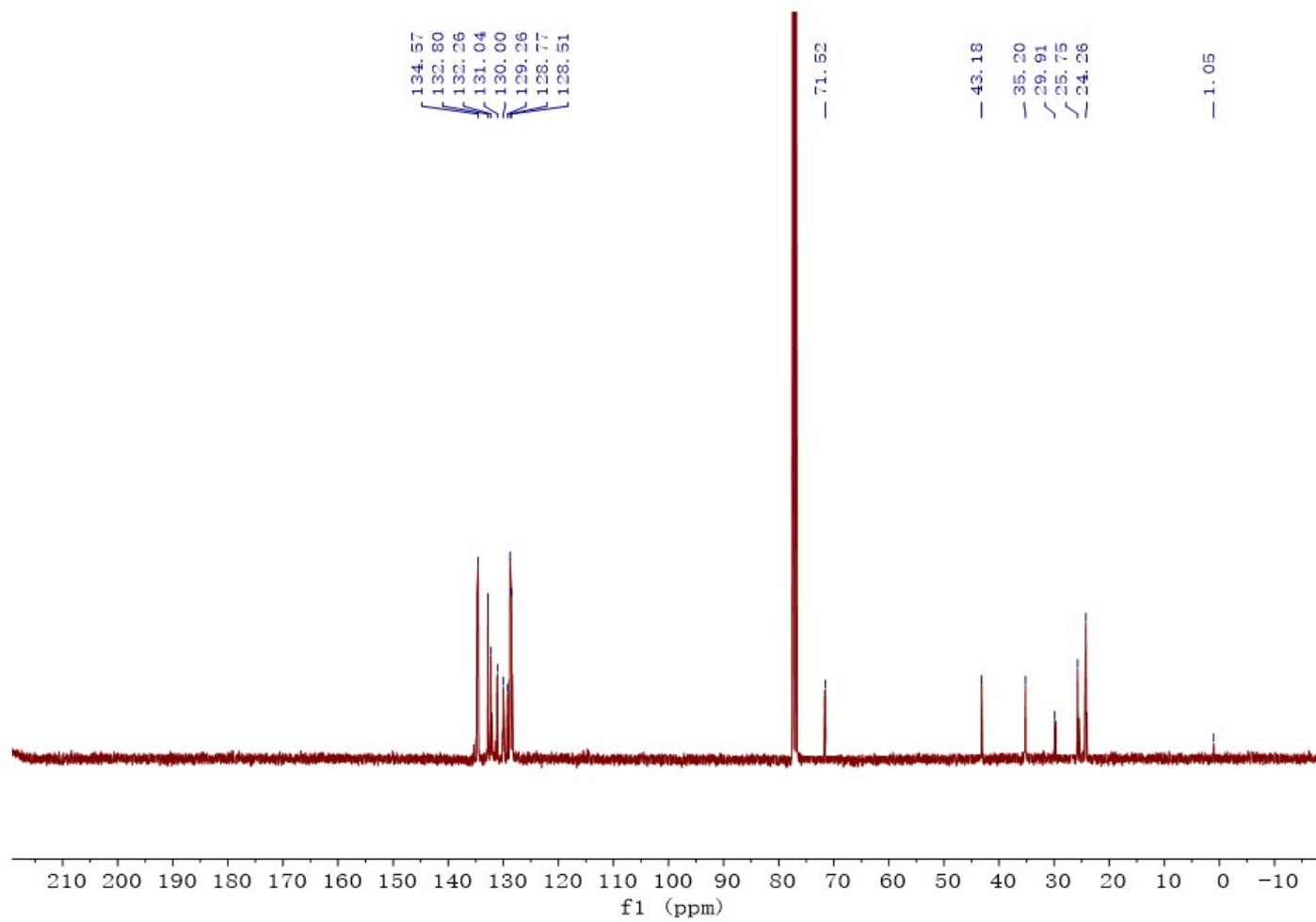


Fig. S34. ¹³C NMR spectrum of **1a** in CDCl₃

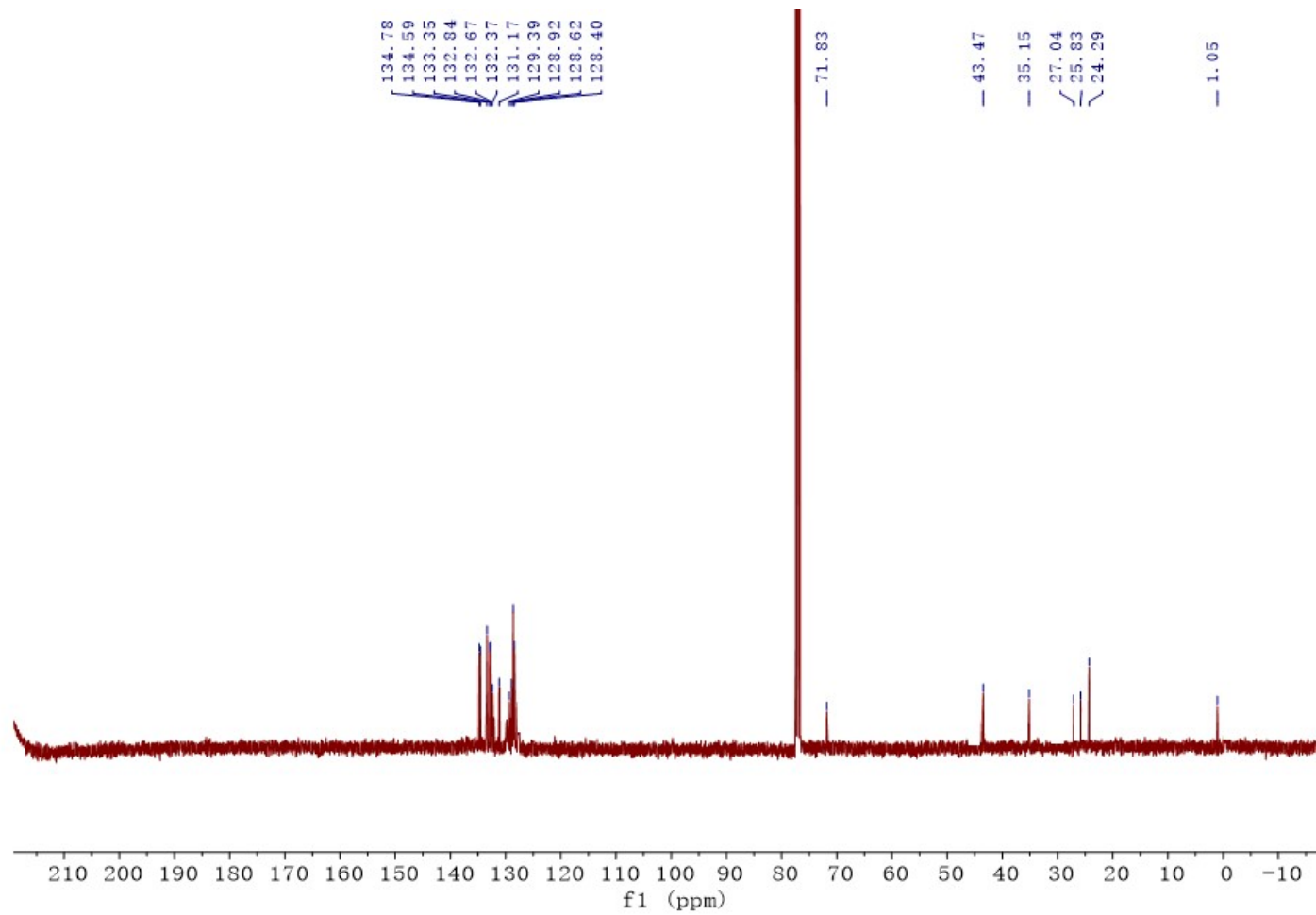


Fig. S35. ^{13}C NMR spectrum of **1b** in CDCl_3

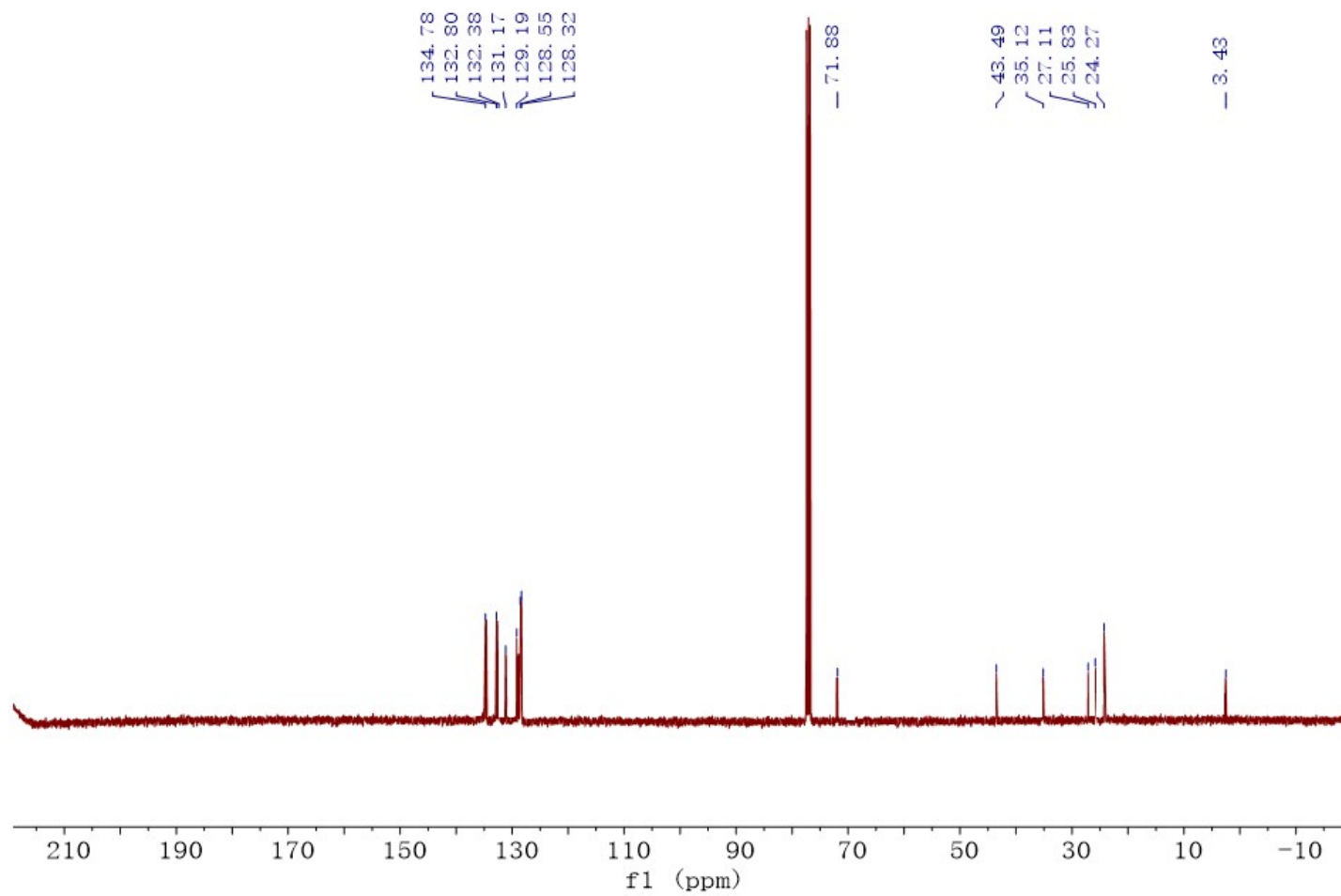


Fig. S36. ^{13}C NMR spectrum of **1c** in CDCl_3

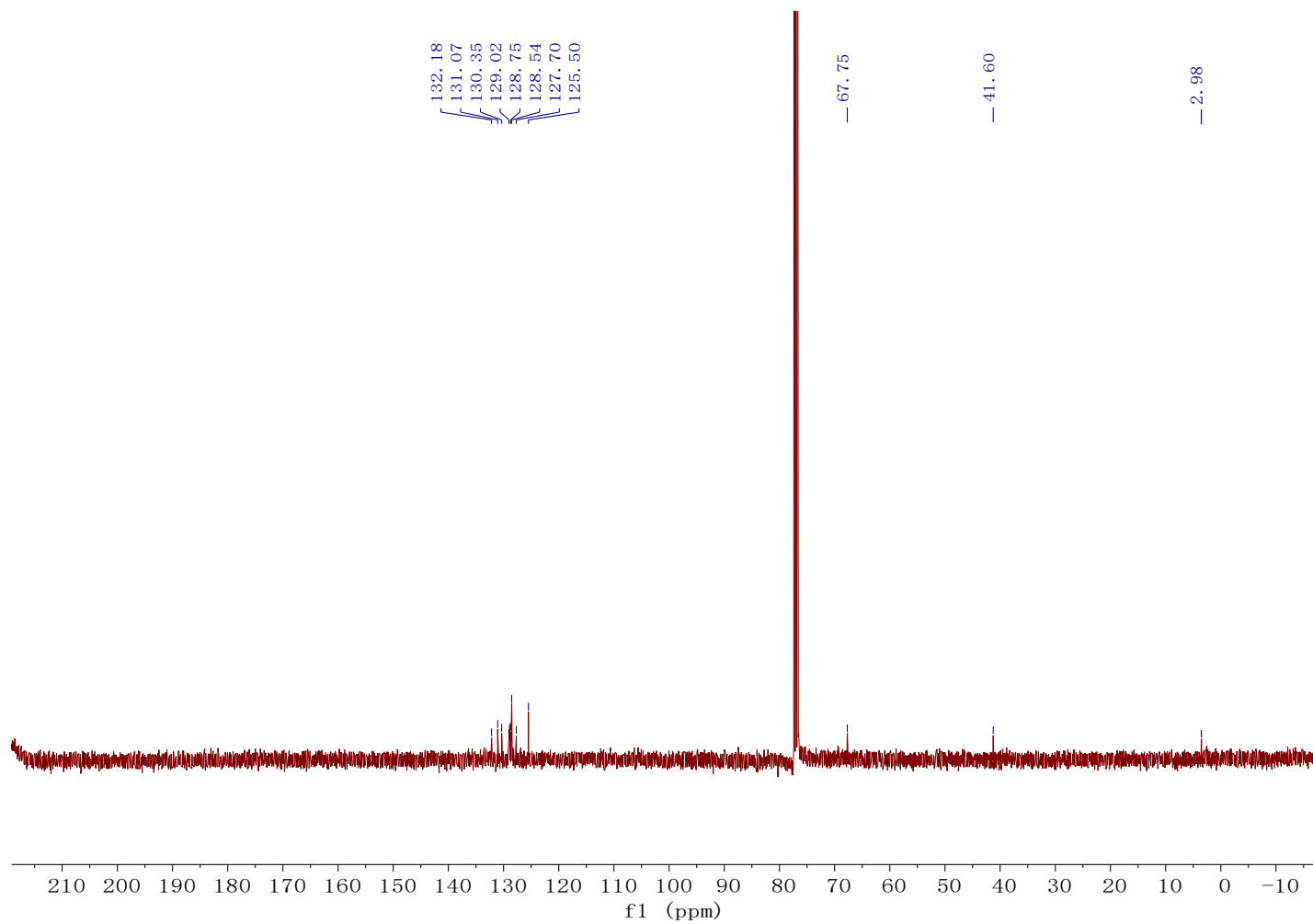


Fig. S37. ^{13}C NMR spectrum of **2a** in CDCl_3

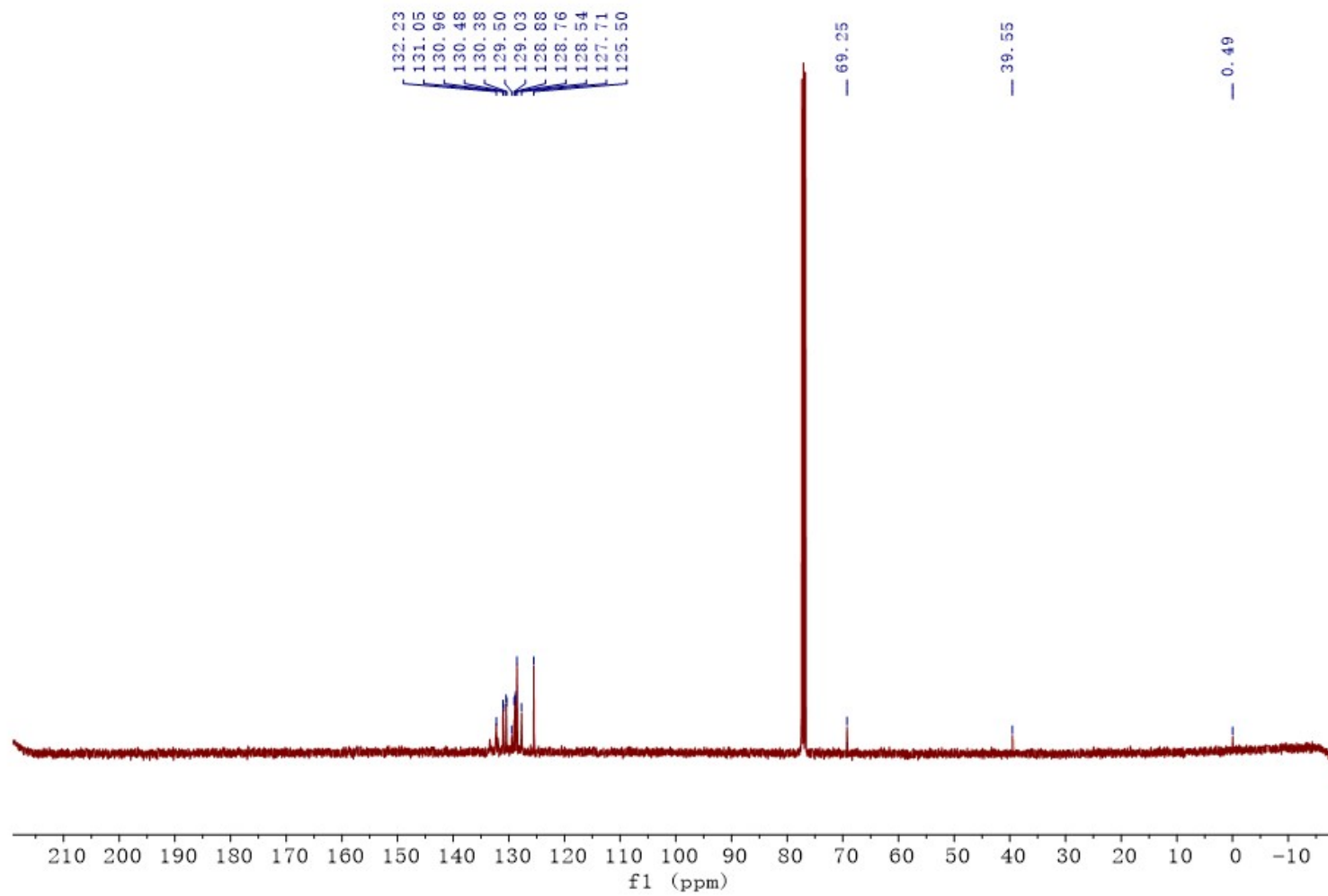


Fig. S38. ^{13}C NMR spectrum of **2b** in CDCl_3

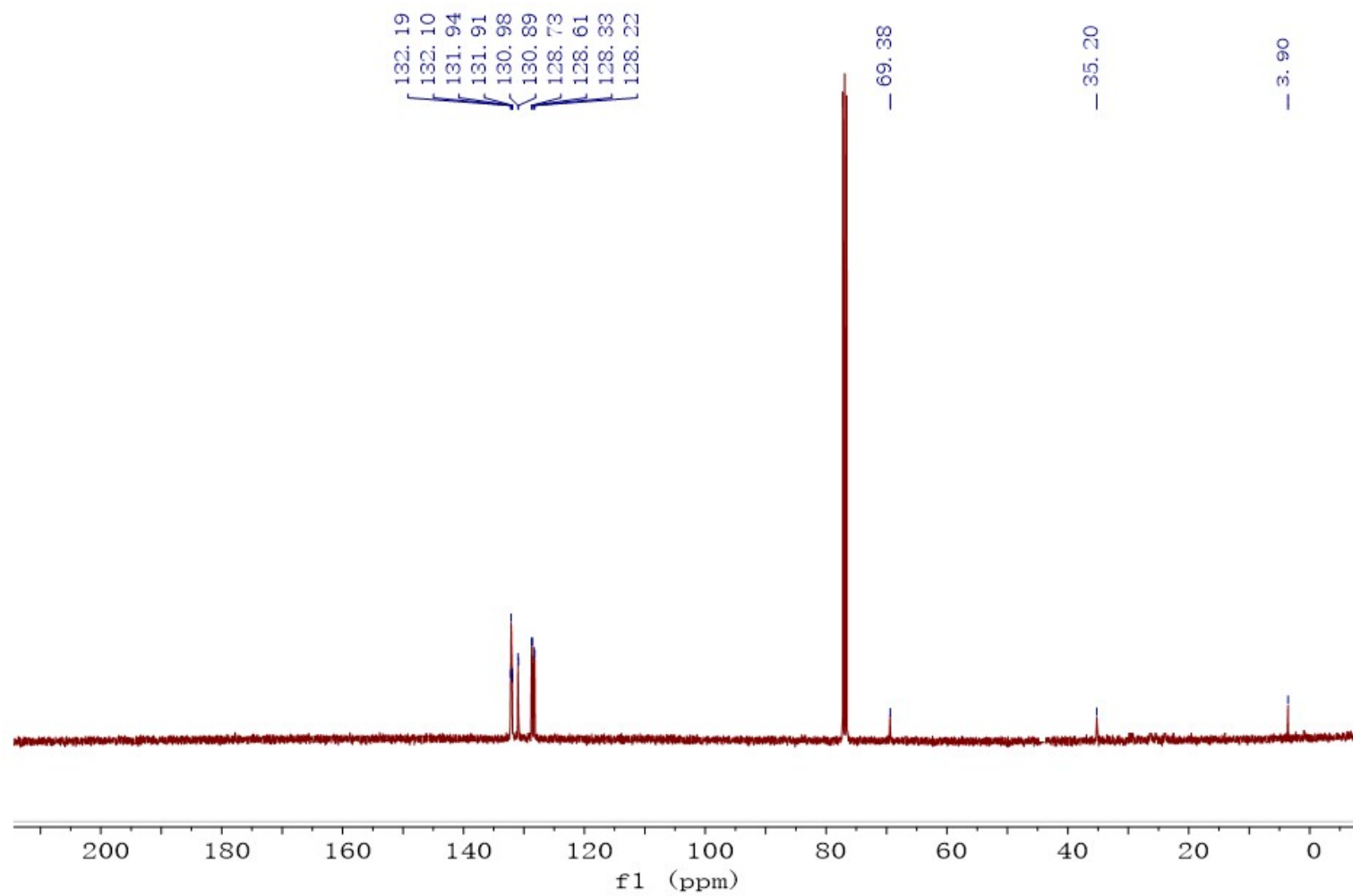


Fig. S39. ^{13}C NMR spectrum of **2c** in CDCl_3

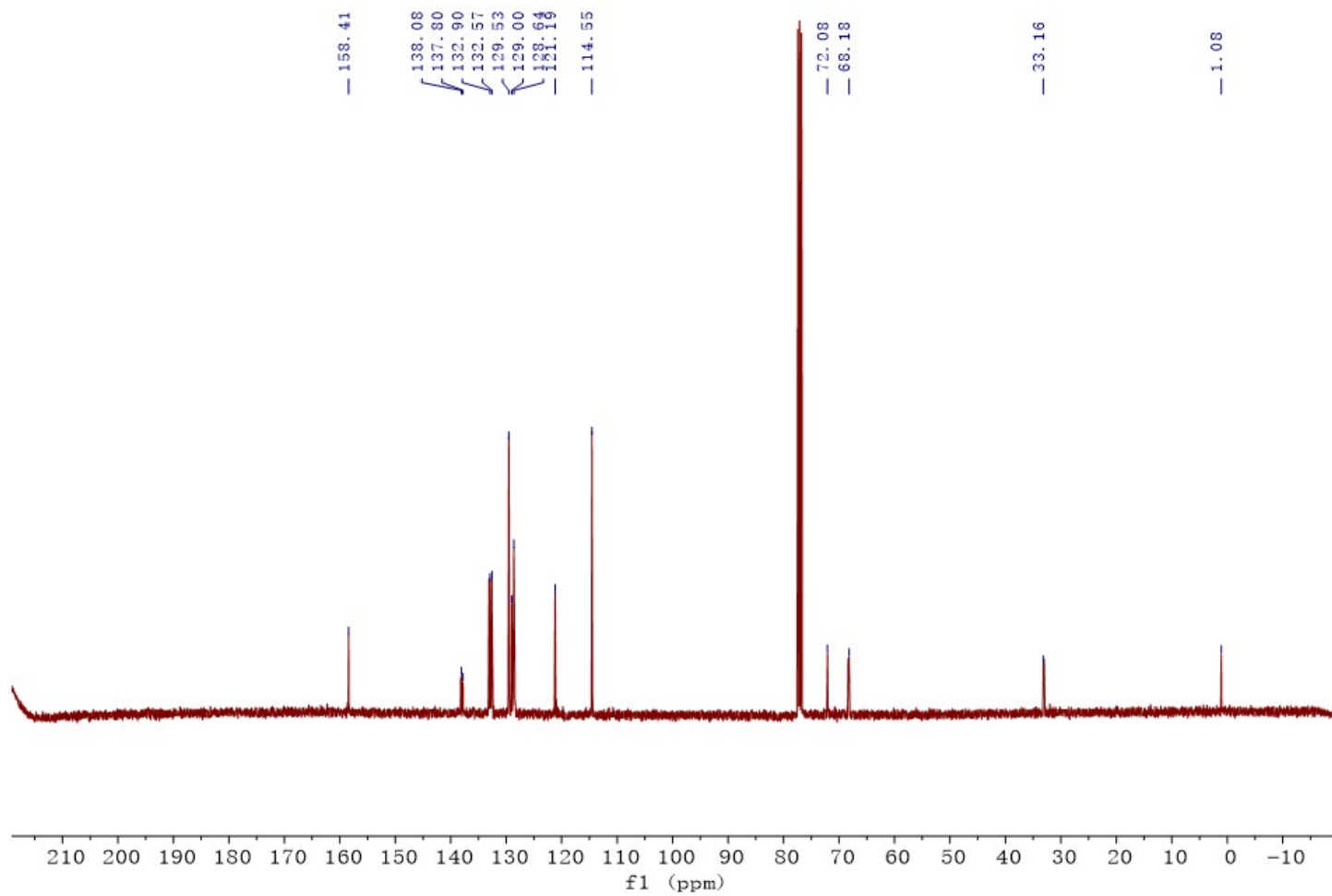


Fig. S40. ^{13}C NMR spectrum of **3a** in CDCl_3

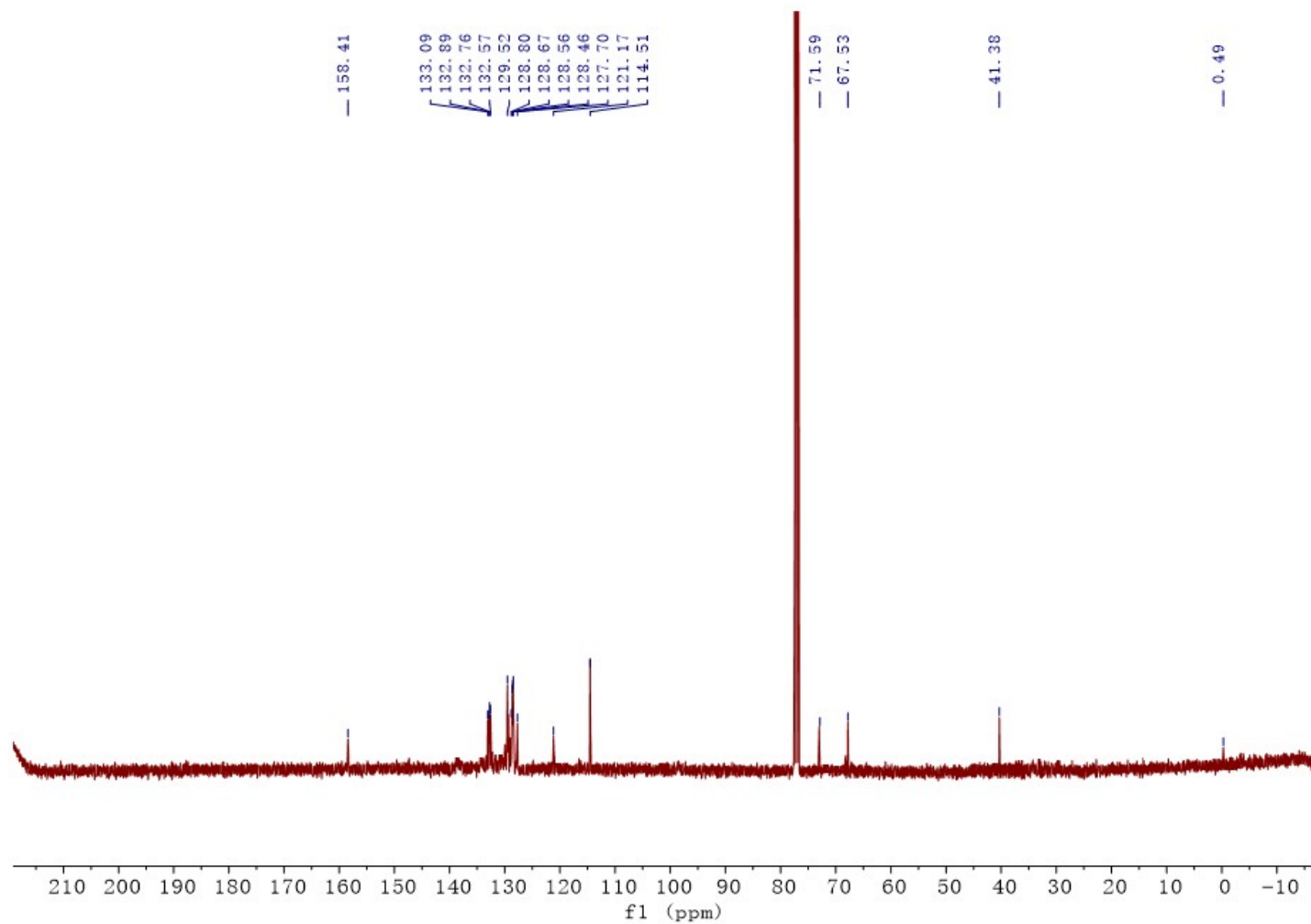


Fig. S41. ^{13}C NMR spectrum of **3b** in CDCl_3

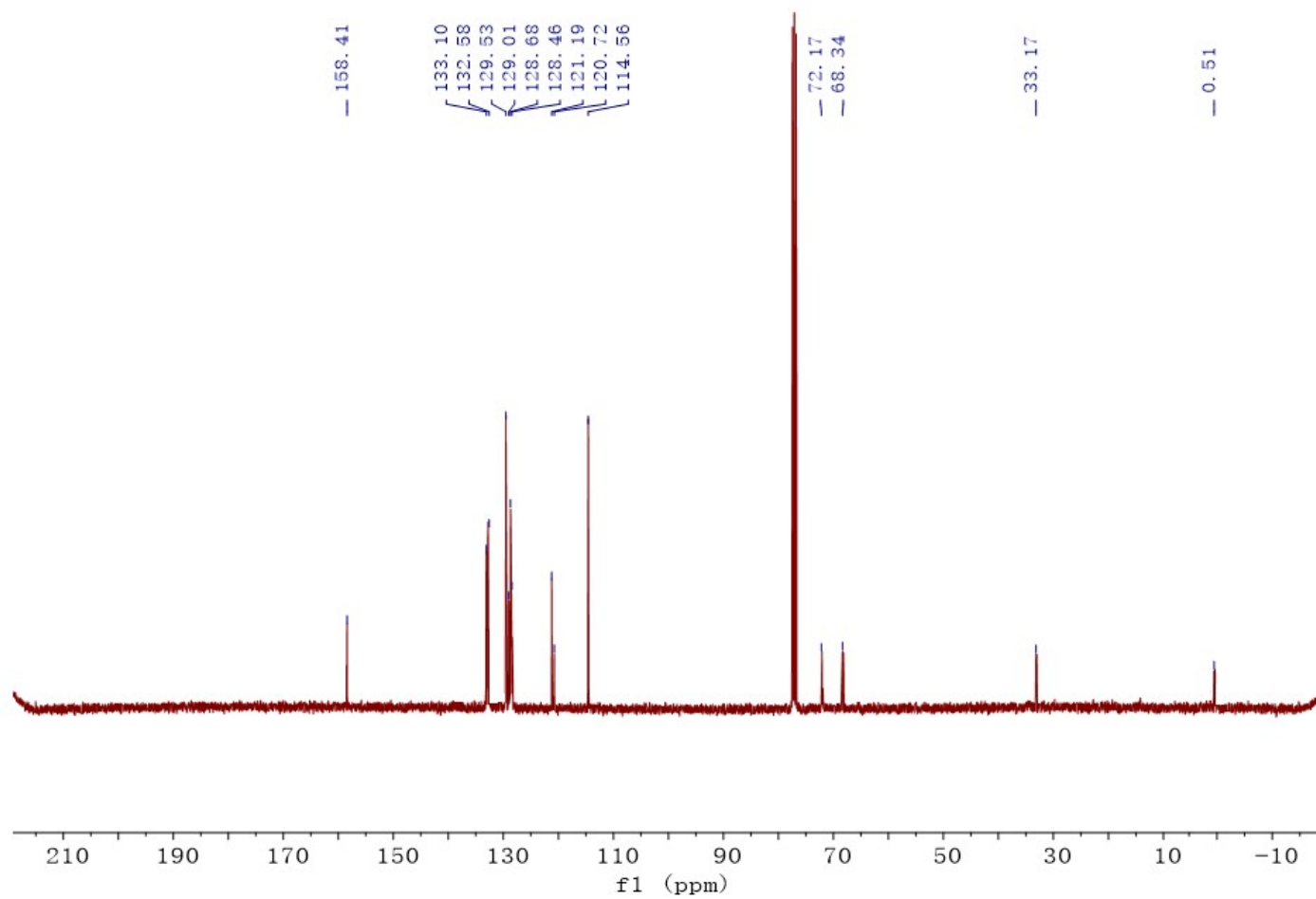


Fig. S42. ^{13}C NMR spectrum of **3c** in CDCl_3

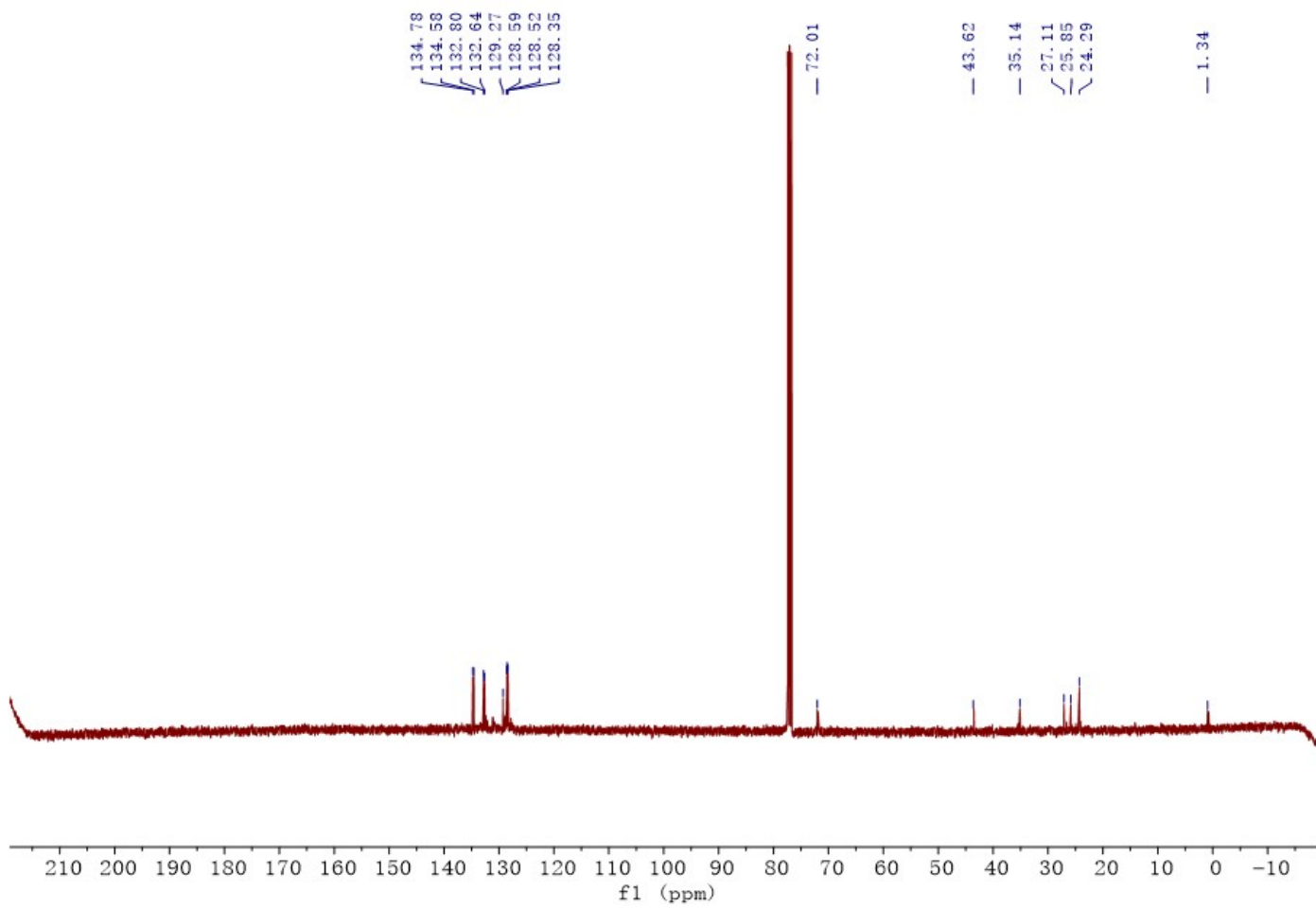


Fig. S43. ^{13}C NMR spectrum of **4a** in CDCl_3

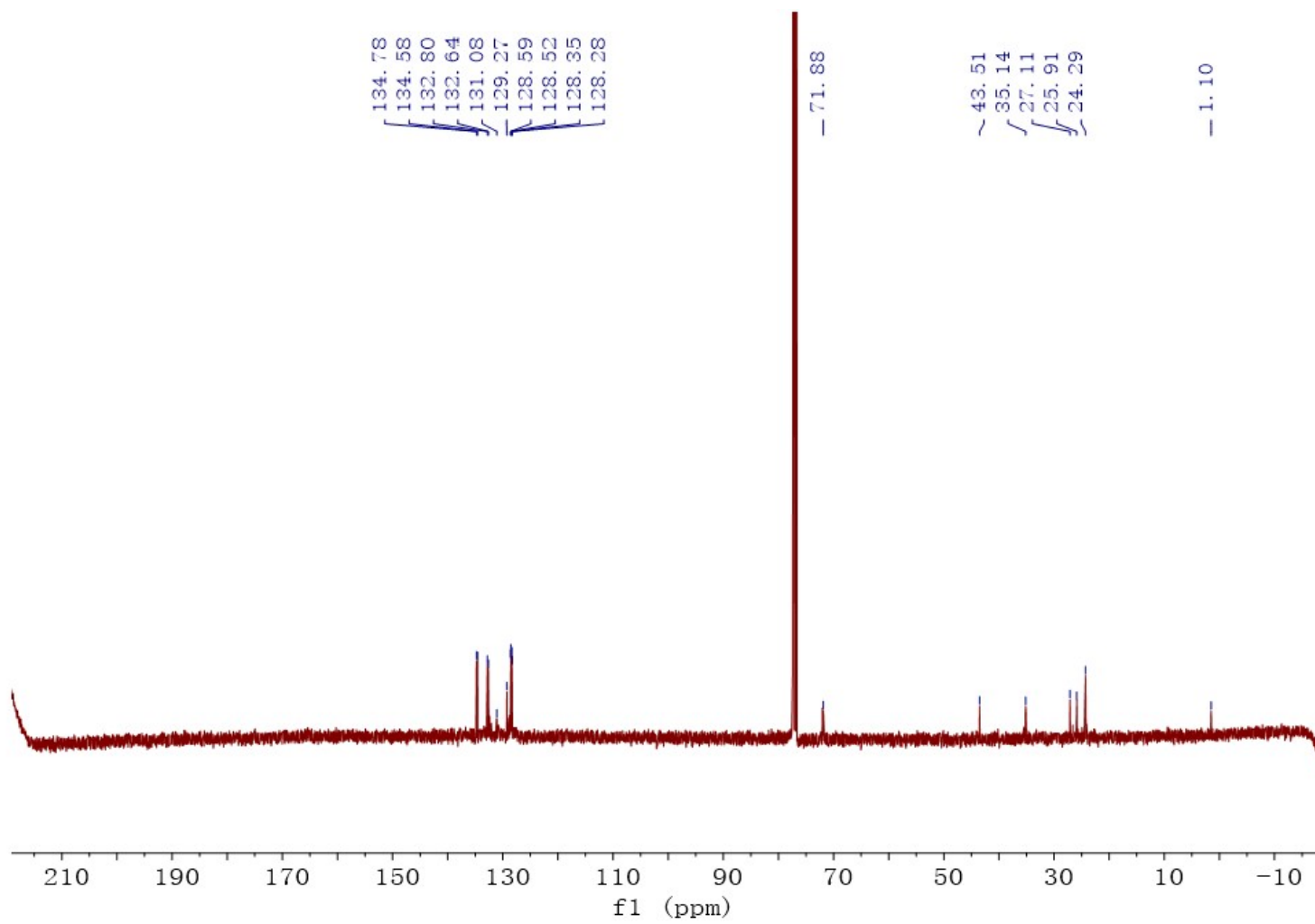


Fig. S44. ^{13}C NMR spectrum of **4b** in CDCl_3

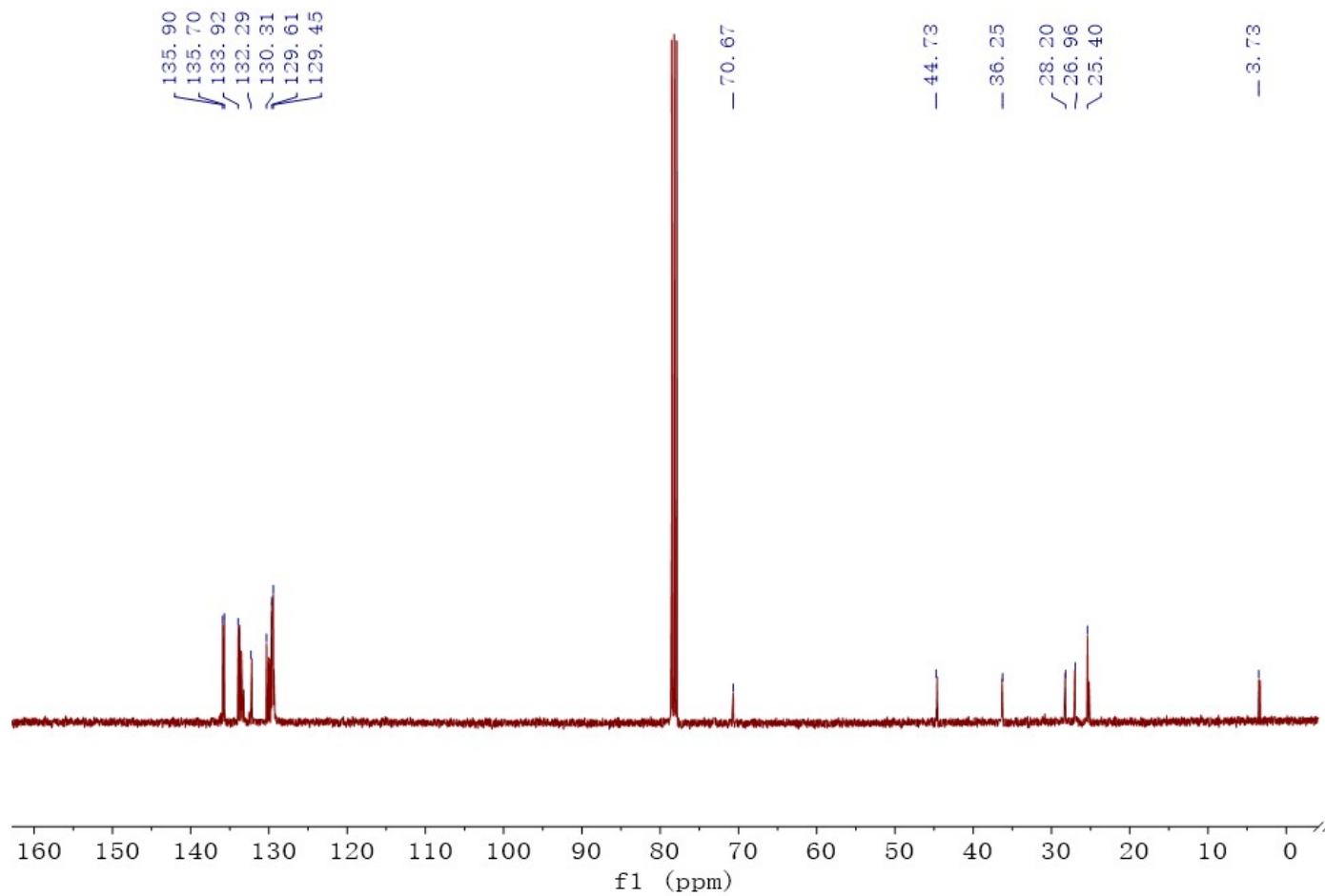


Fig. S45. ^{13}C NMR spectrum of **4c** in CDCl_3

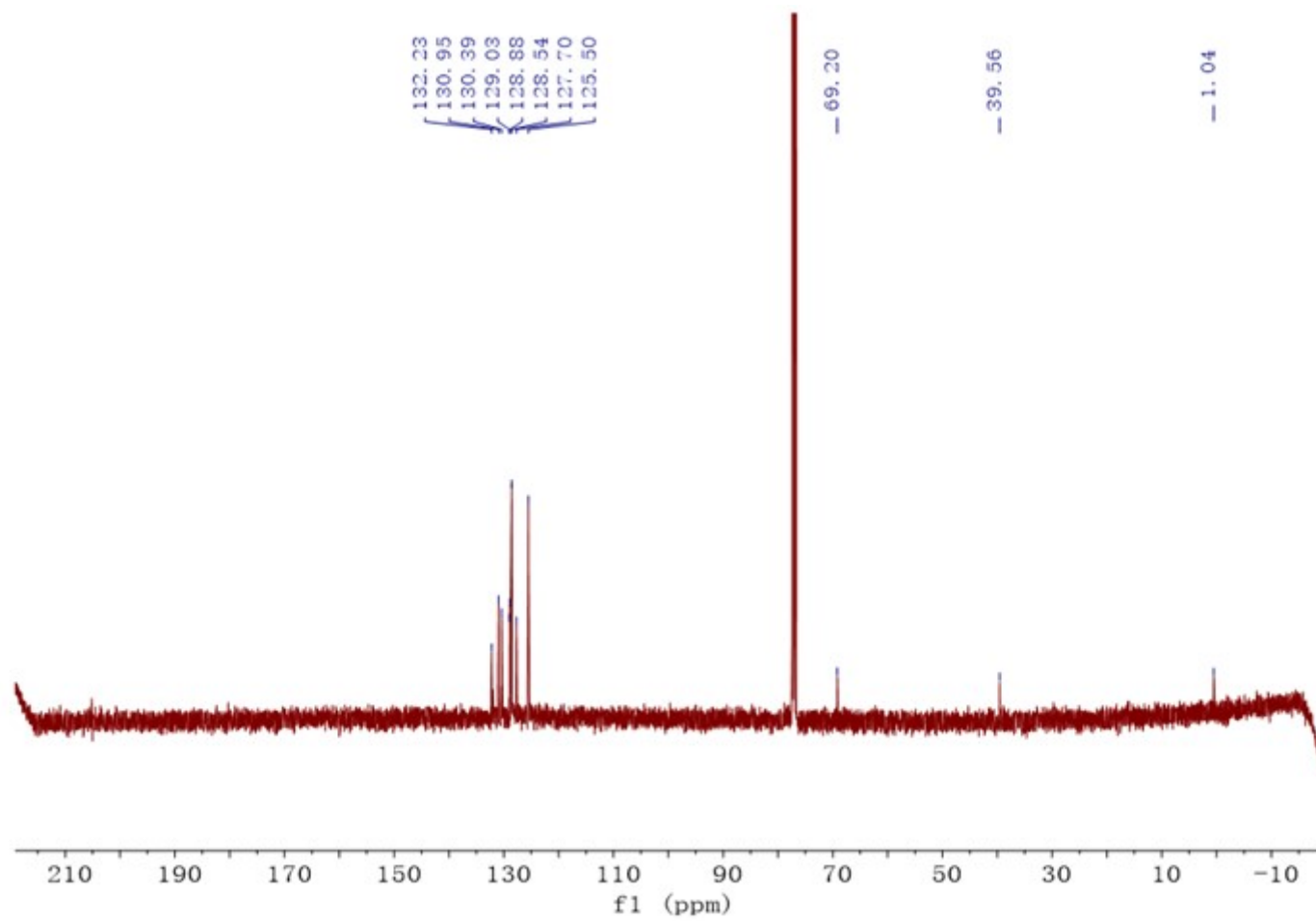


Fig. S46. ^{13}C NMR spectrum of **5a** in CDCl_3

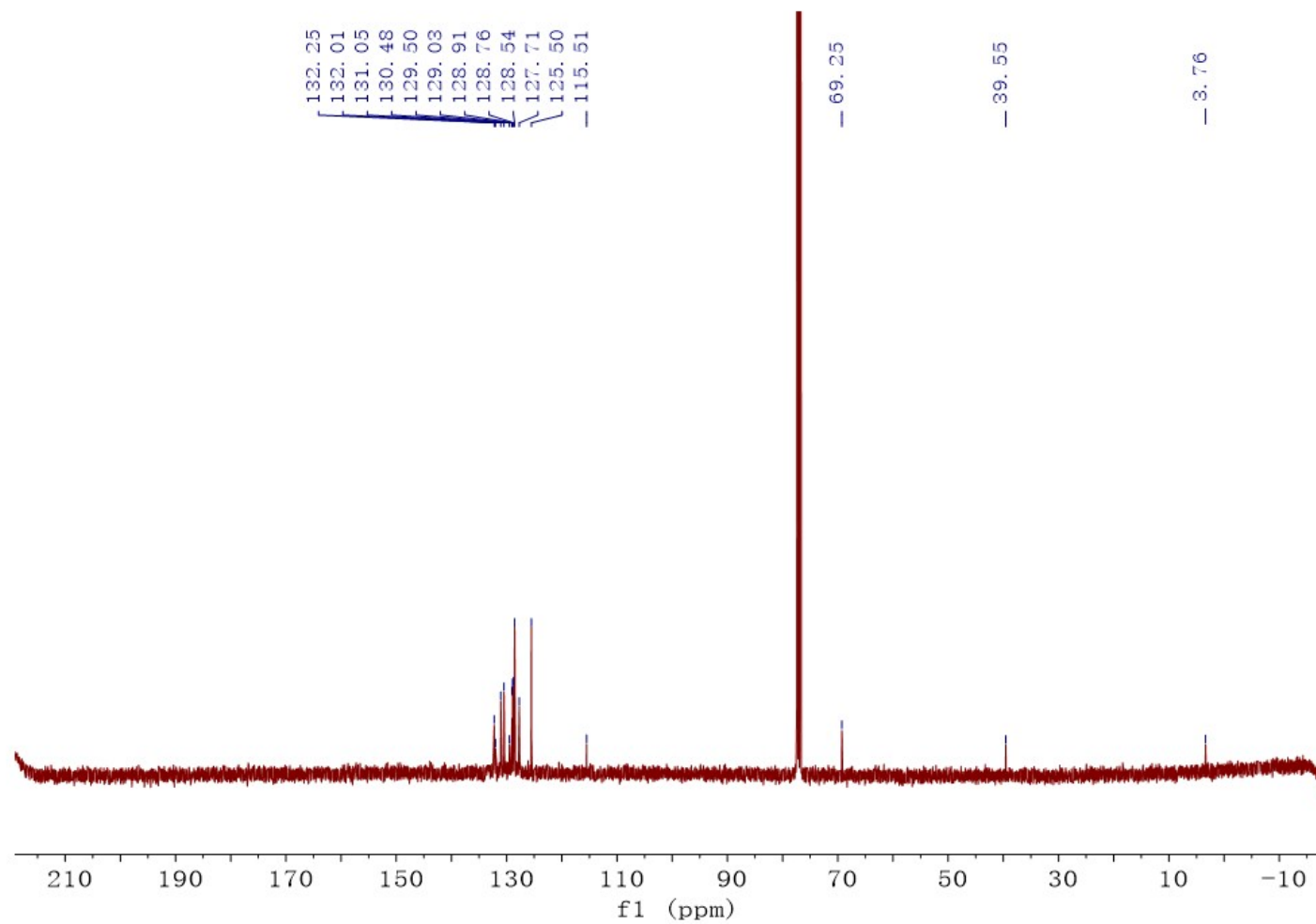


Fig. 47. ^{13}C NMR spectrum of **5b** in CDCl_3

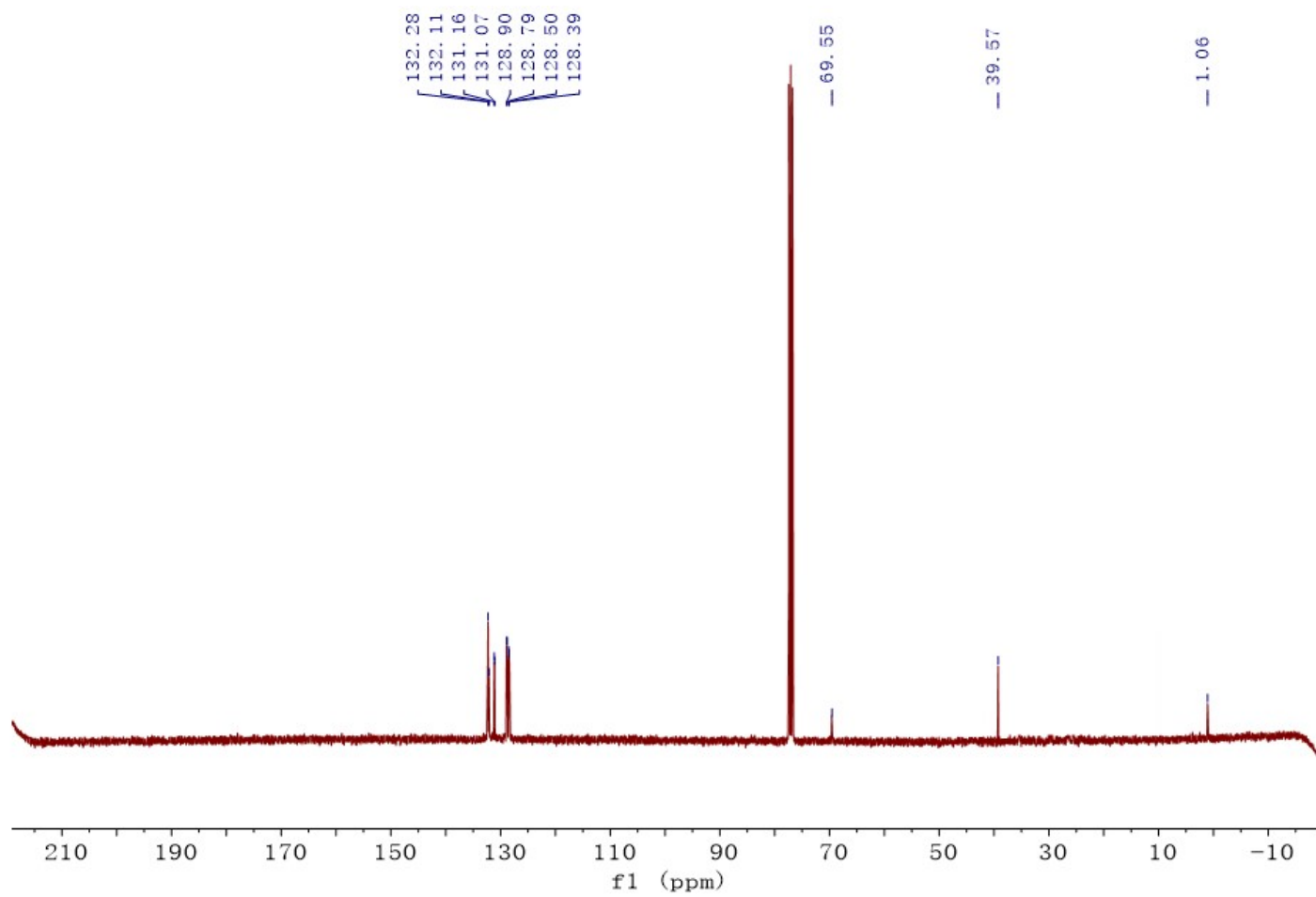


Fig. S48. ^{13}C NMR spectrum of **5c** in CDCl_3

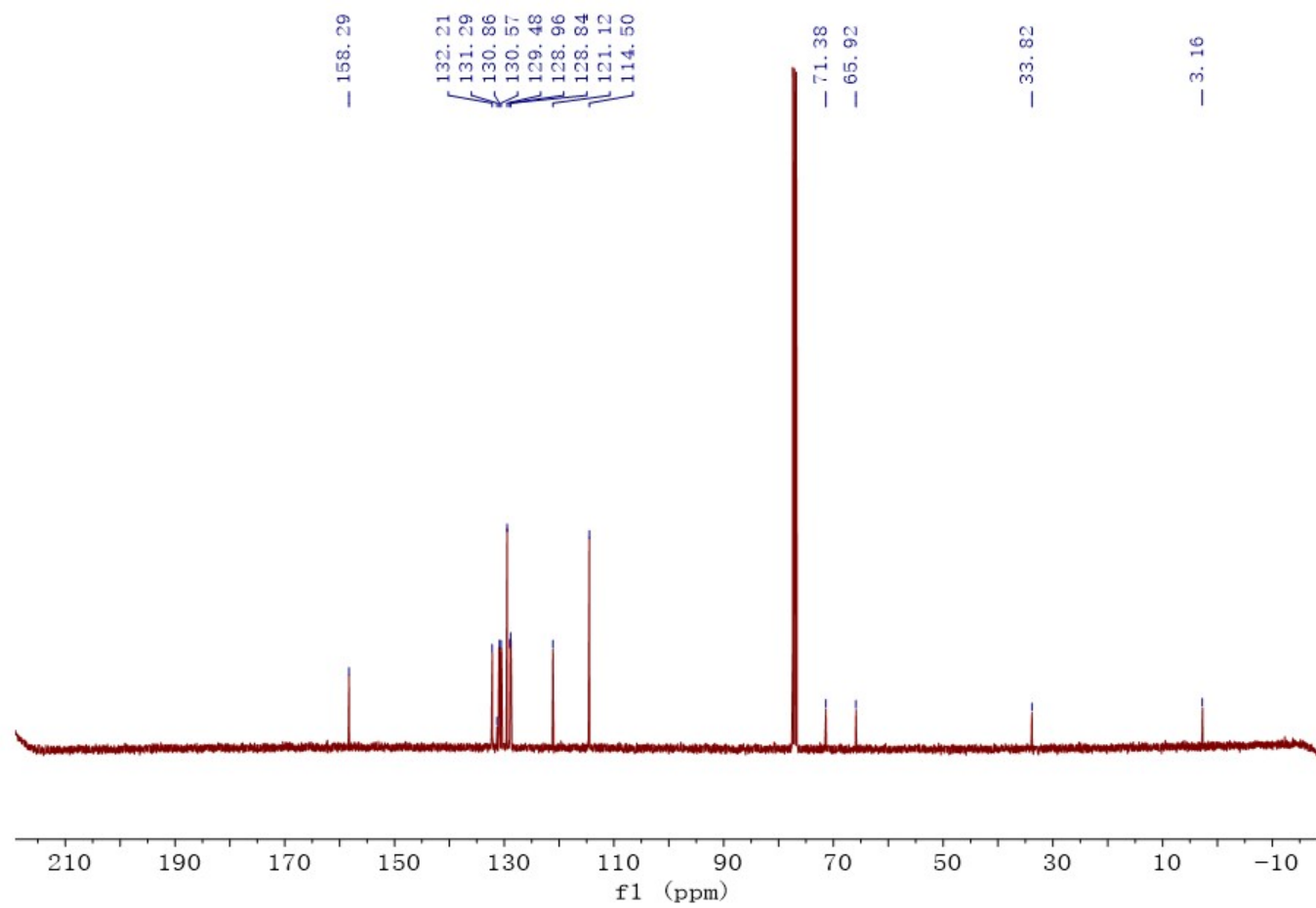


Fig. S49. ^{13}C NMR spectrum of **6a** in CDCl_3

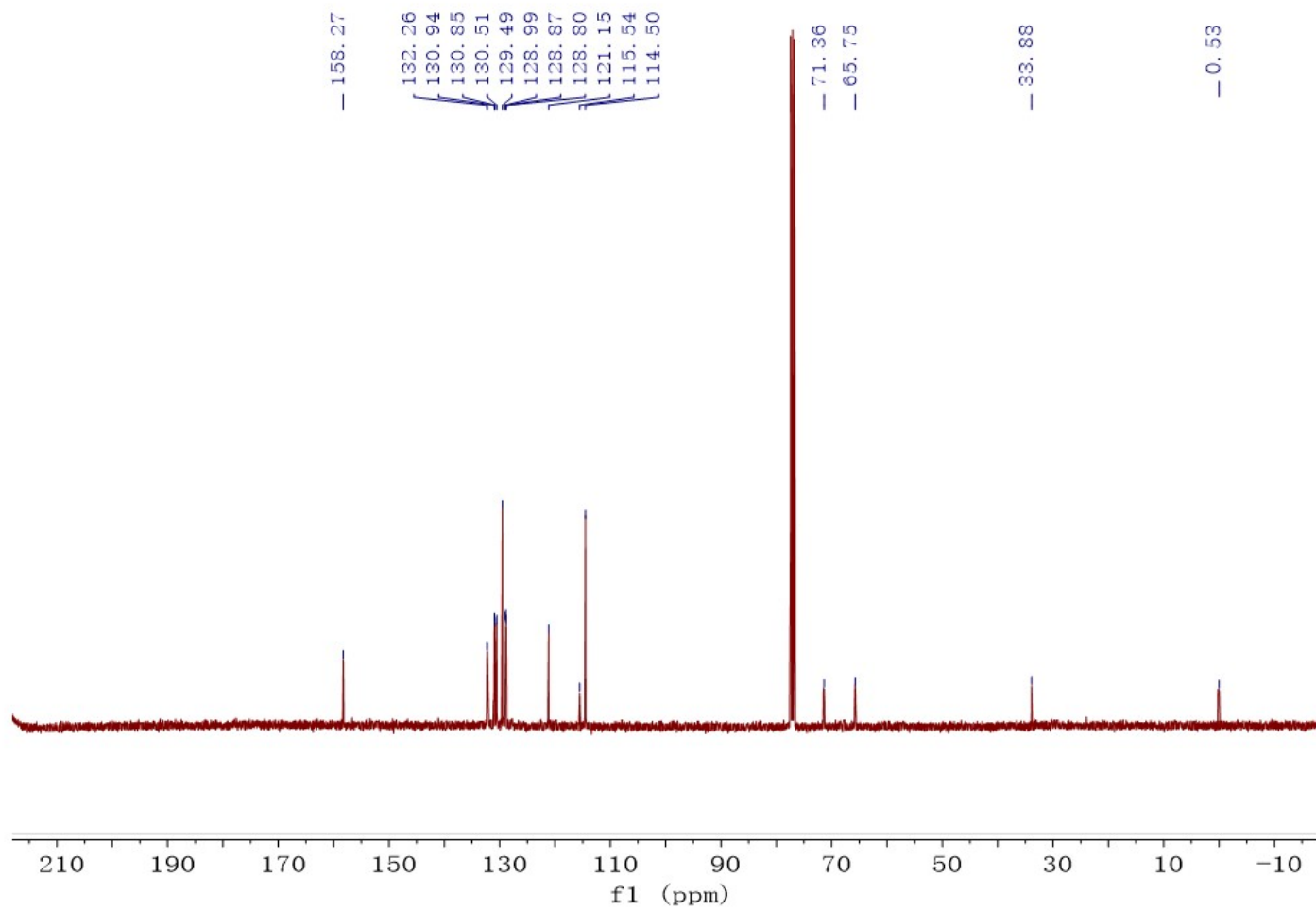


Fig. S50. ^{13}C NMR spectrum of **6b** in CDCl_3

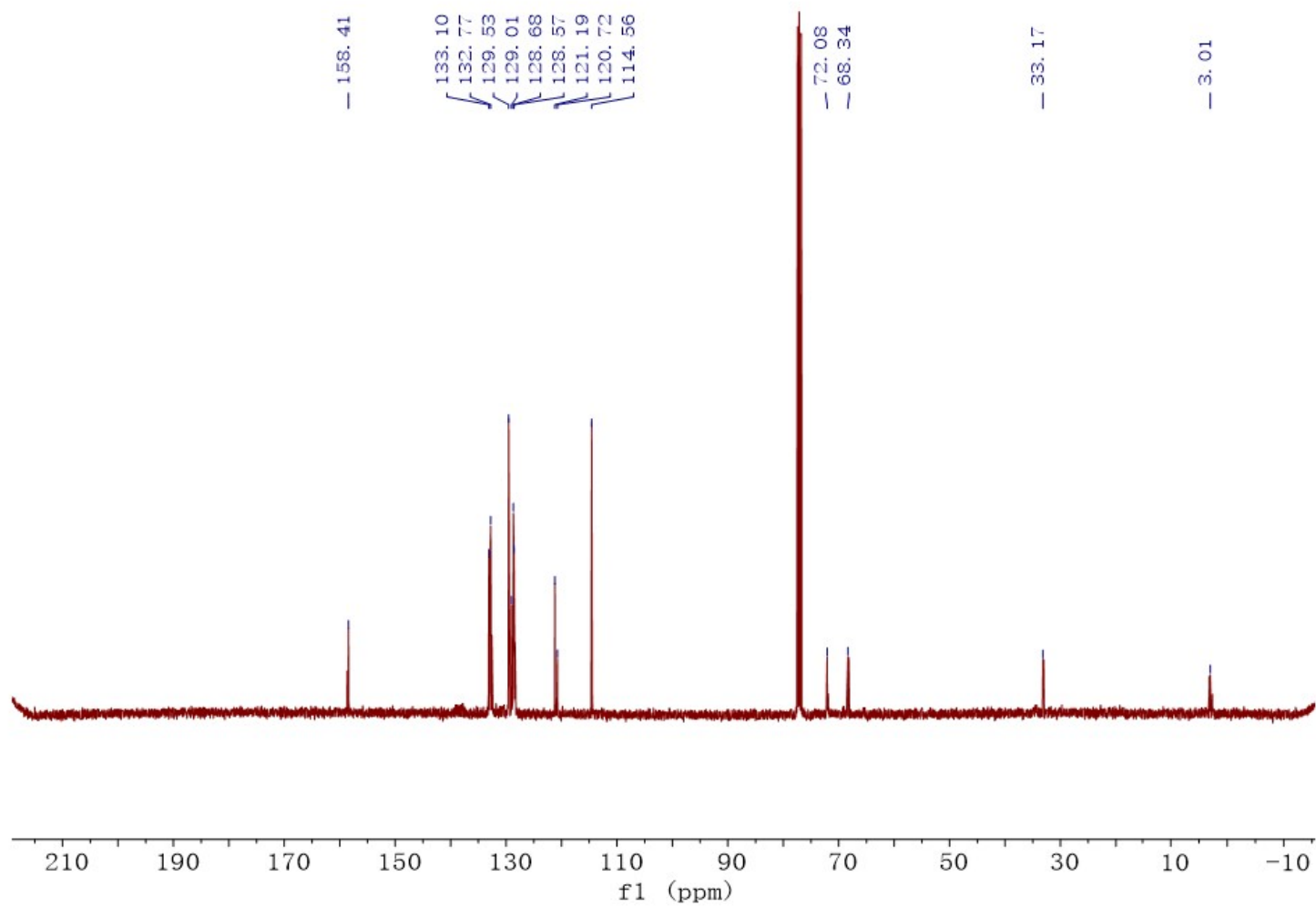


Fig. S51. ^{13}C NMR spectrum of **6c** in CDCl_3

