Supporting Information for

Synthesis of Pyridin-1(2*H*)-ylacrylates and the Effects of Different Functional Groups on their Fluorescence

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Table of Contents

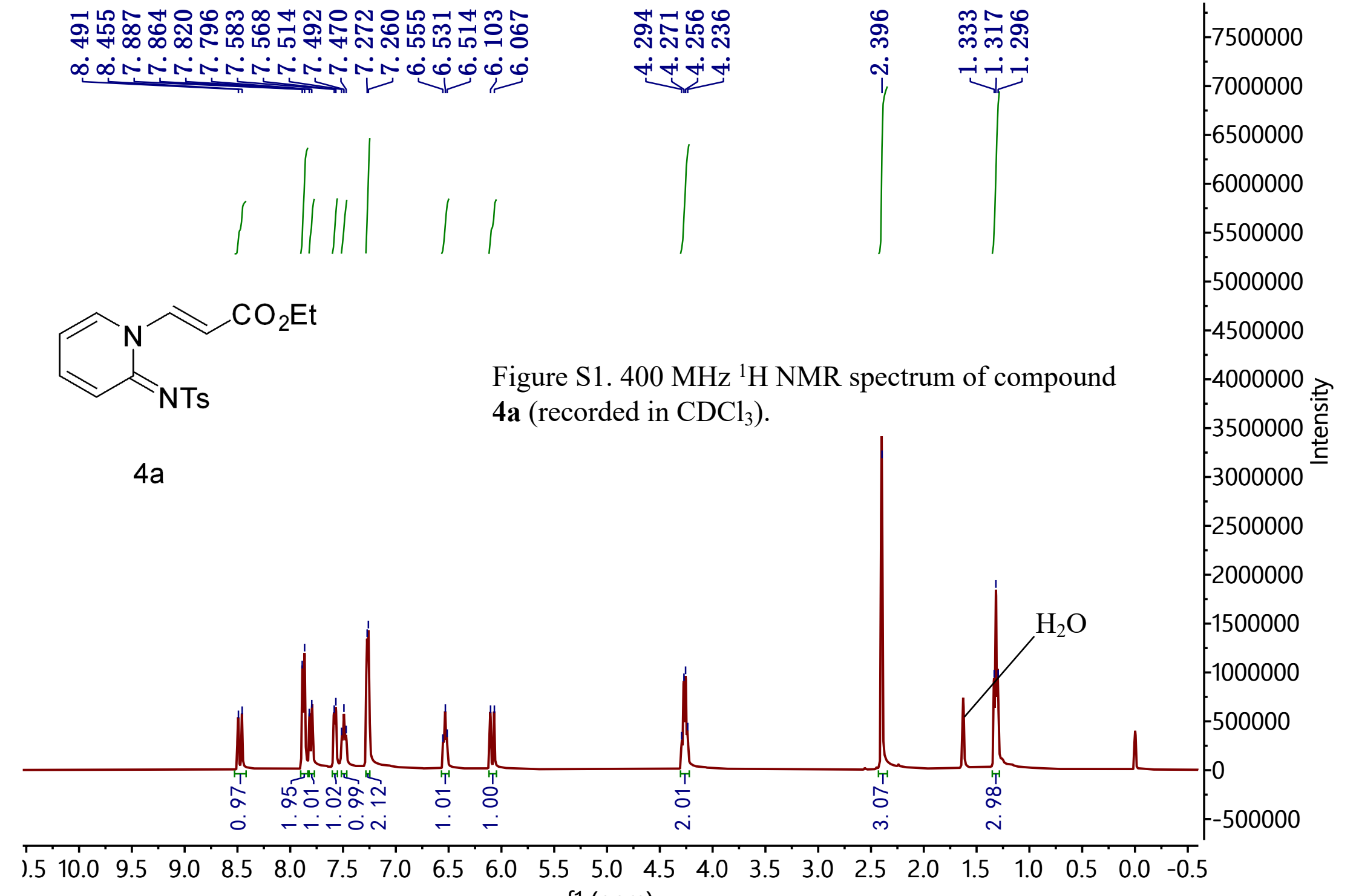


Figure S1. 400 MHz ^{1}H NMR spectrum of compound **4a** (recorded in $CDCl_3$).

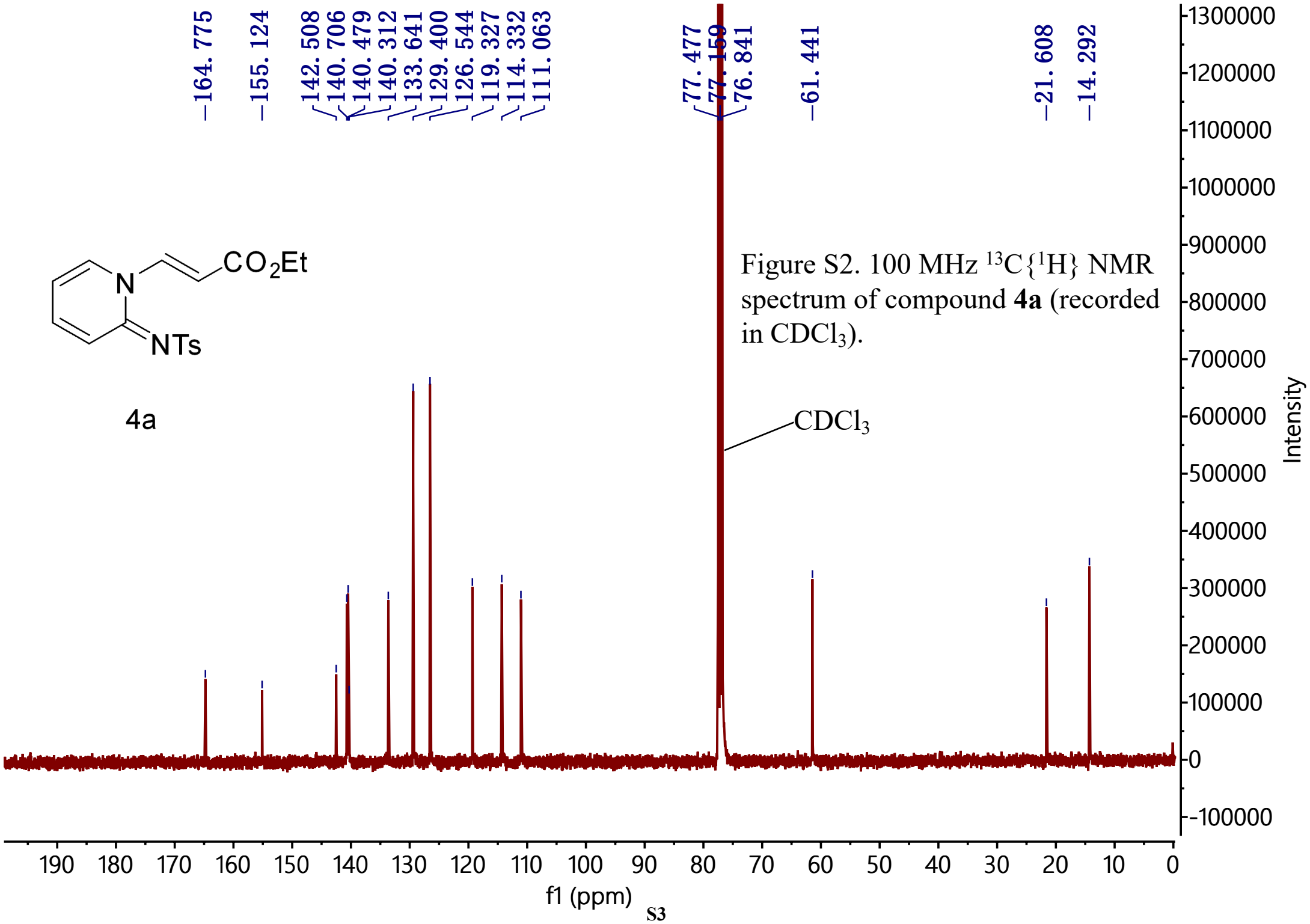


Figure S2. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4a** (recorded in $CDCl_3$).

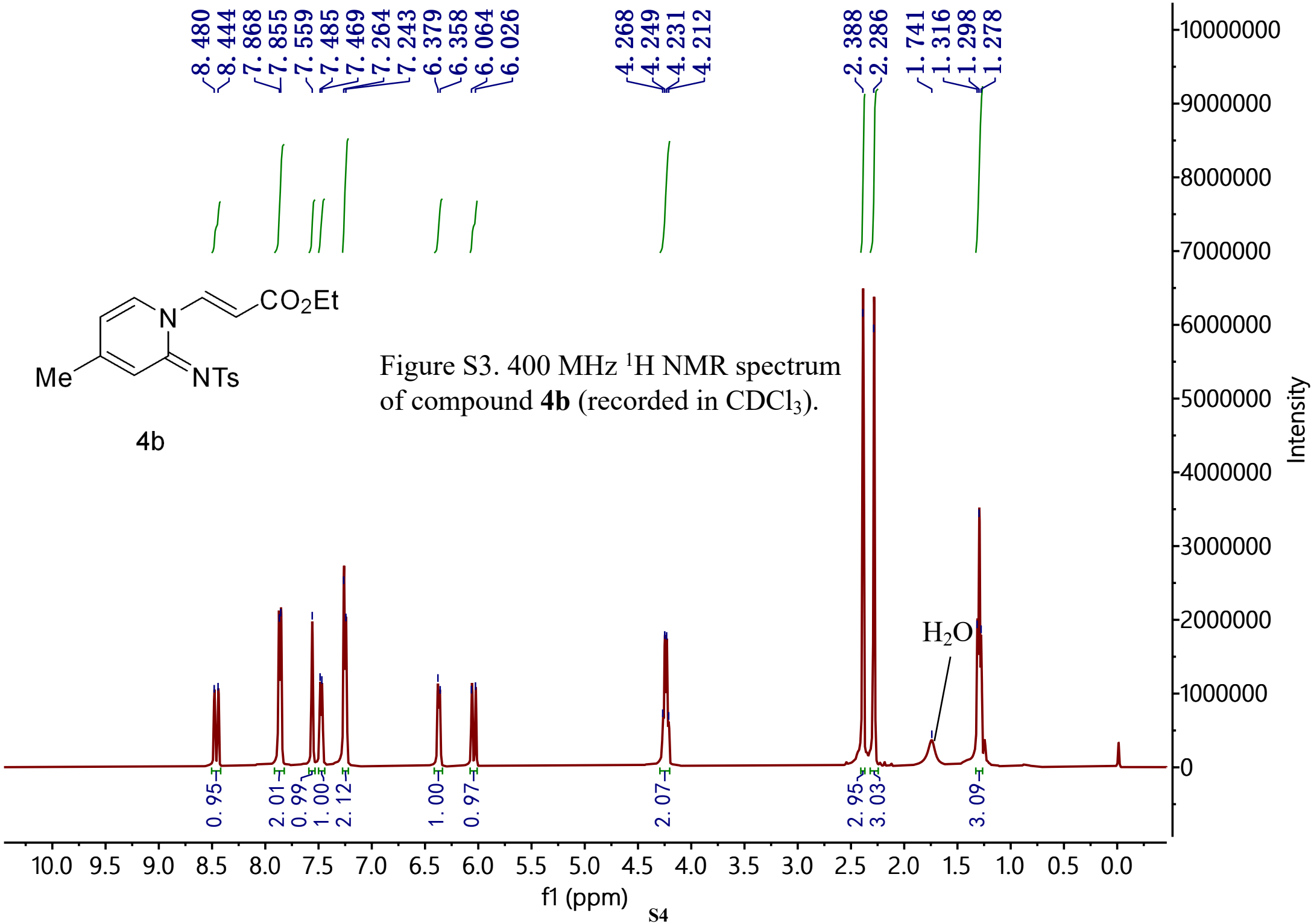


Figure S3. 400 MHz ^{1}H NMR spectrum of compound **4b** (recorded in $CDCl_3$).

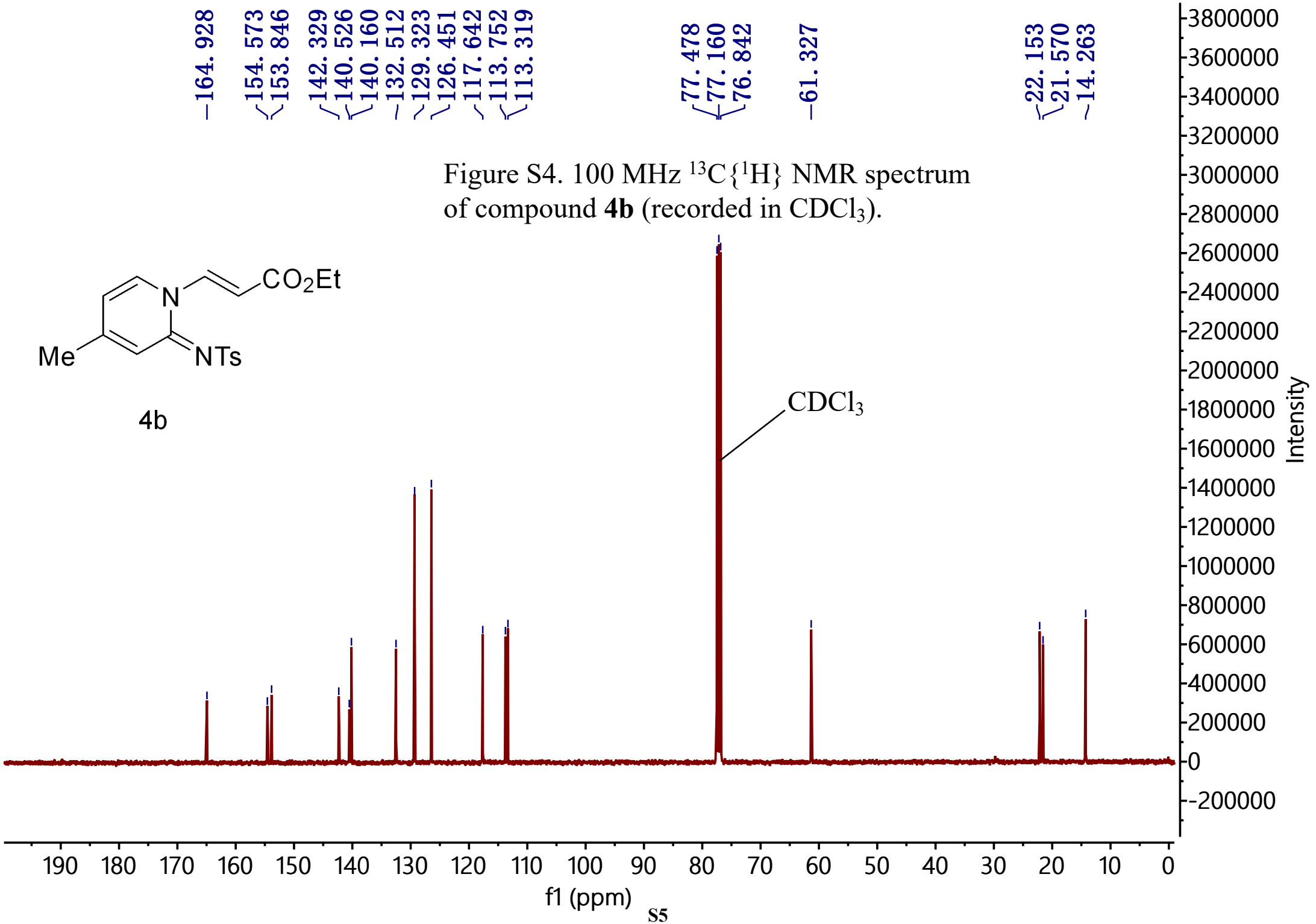


Figure S4. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4b** (recorded in $CDCl_3$).

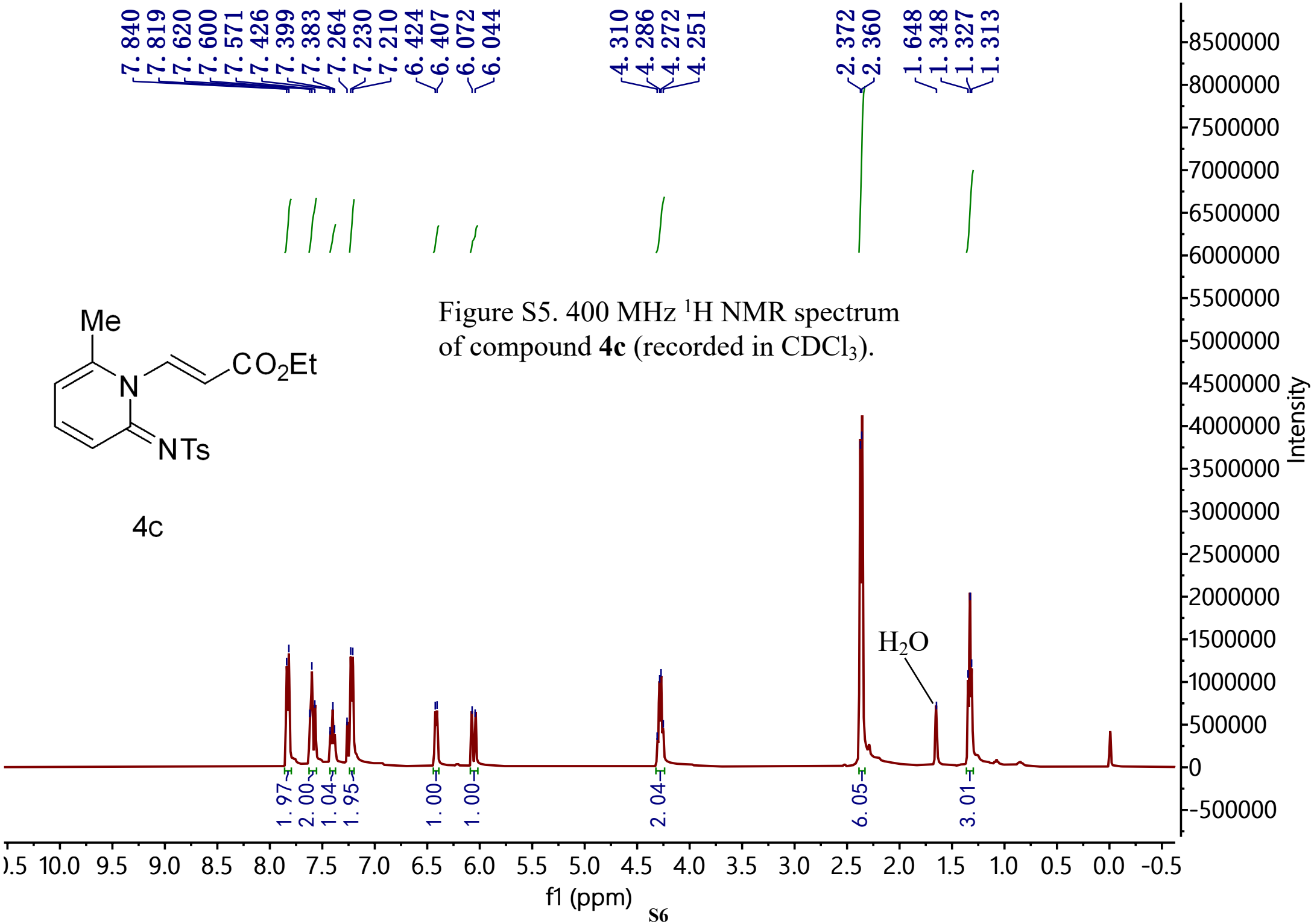


Figure S5. 400 MHz ^{1}H NMR spectrum of compound **4c** (recorded in $CDCl_3$).

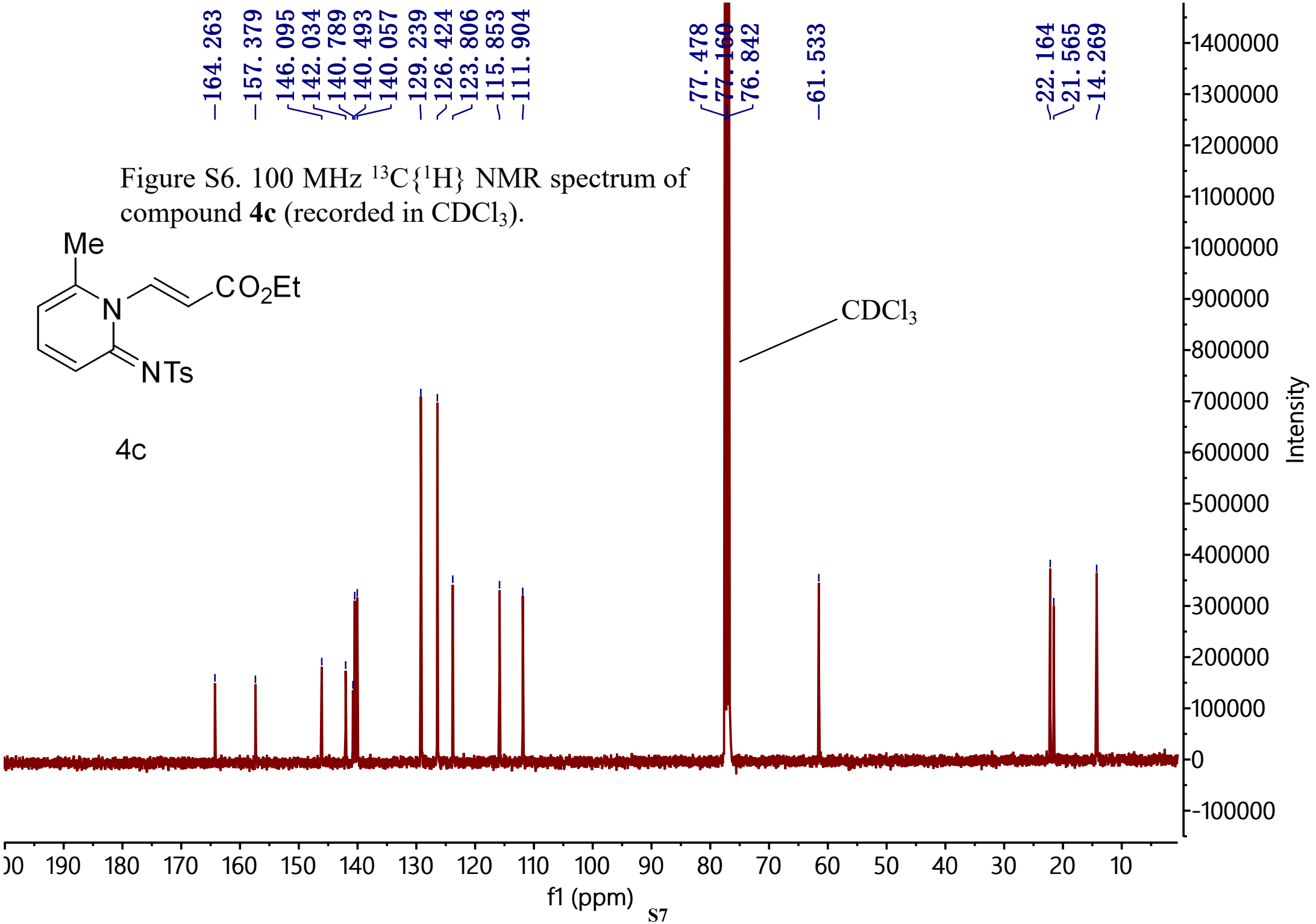


Figure S6. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4c** (recorded in $CDCl_3$).

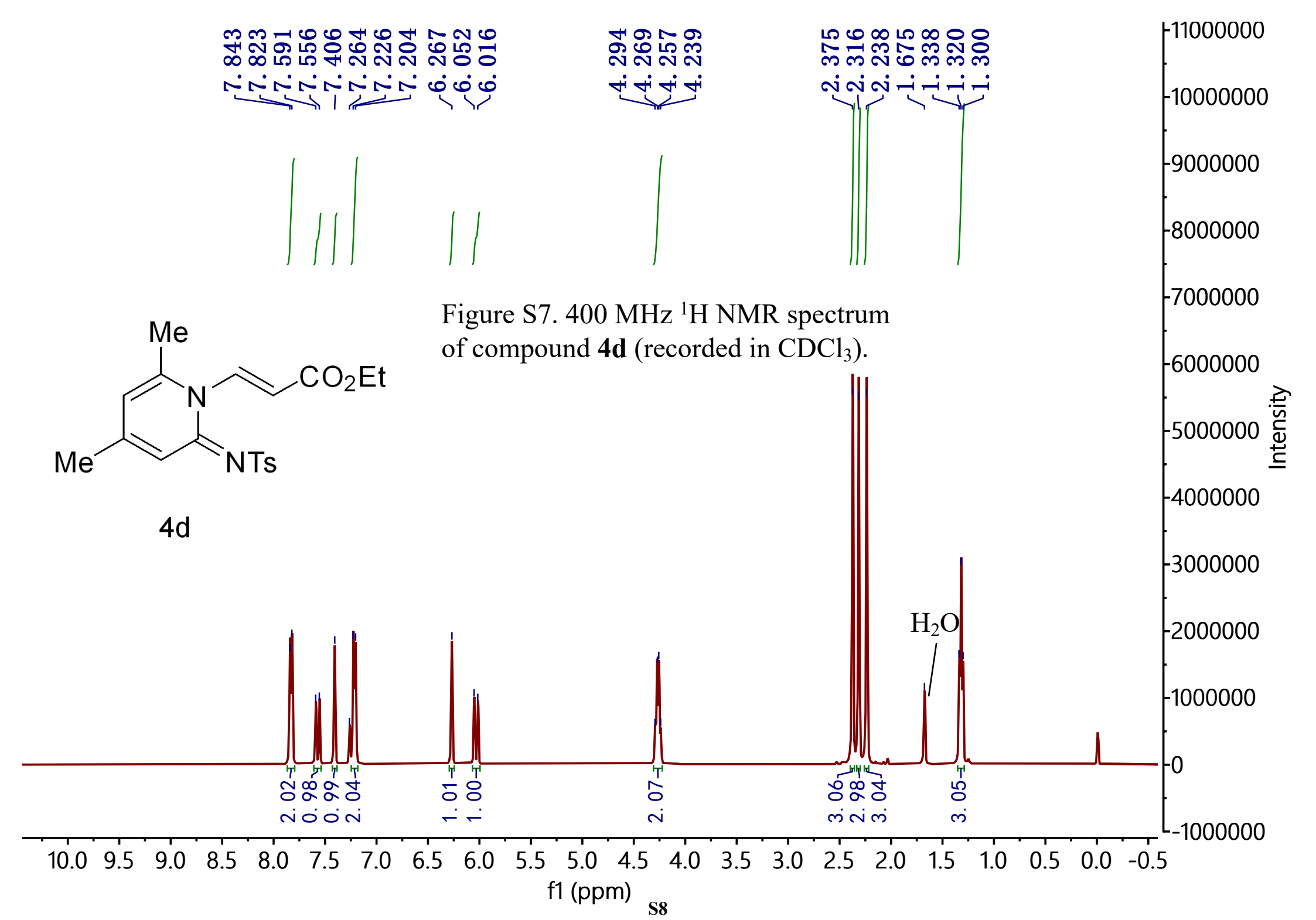


Figure S7. 400 MHz ^{1}H NMR spectrum of compound **4d** (recorded in $CDCl_3$).

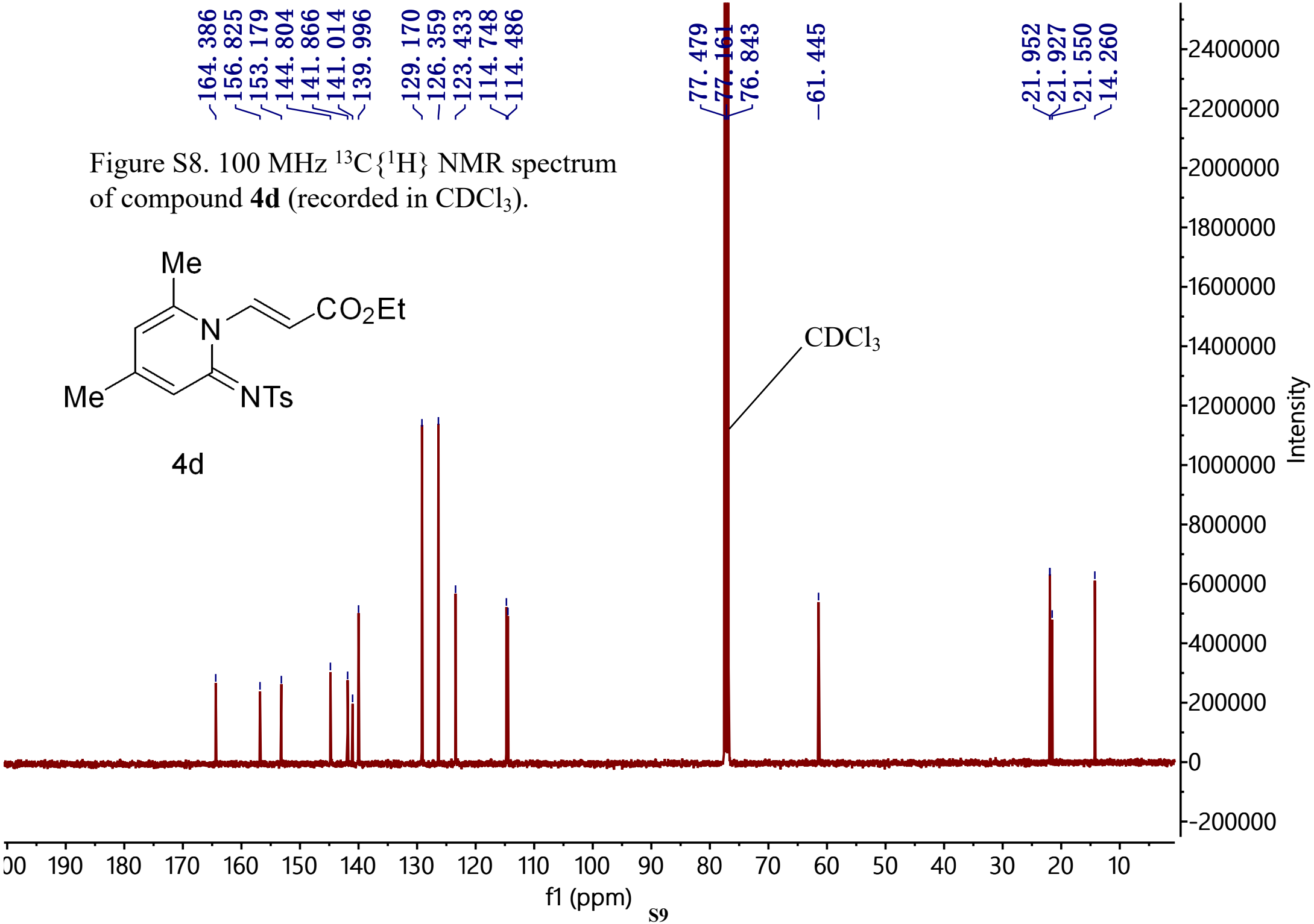


Figure S8. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4d** (recorded in $CDCl_3$).

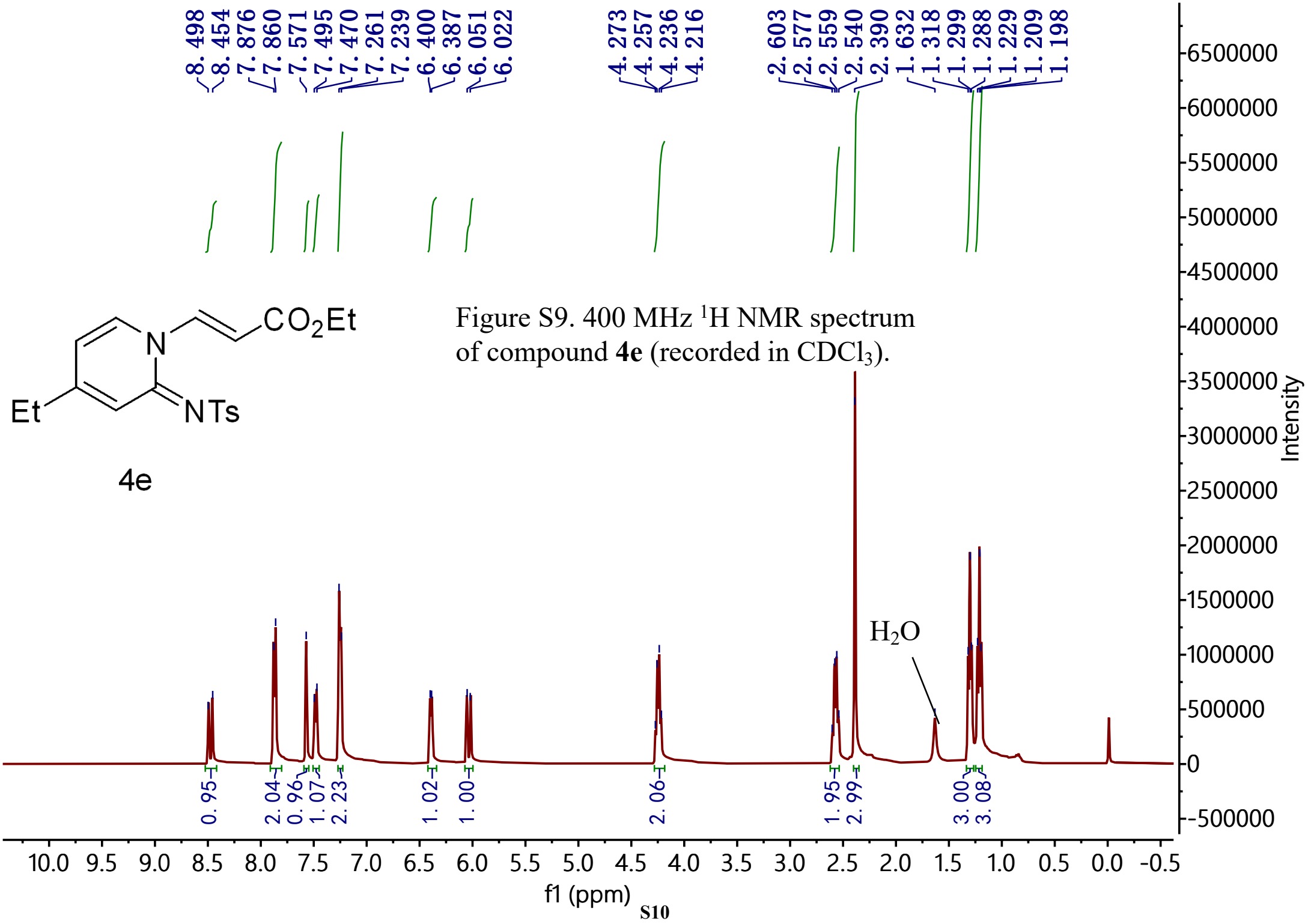


Figure S9. 400 MHz ^{1}H NMR spectrum of compound **4e** (recorded in $CDCl_3$).

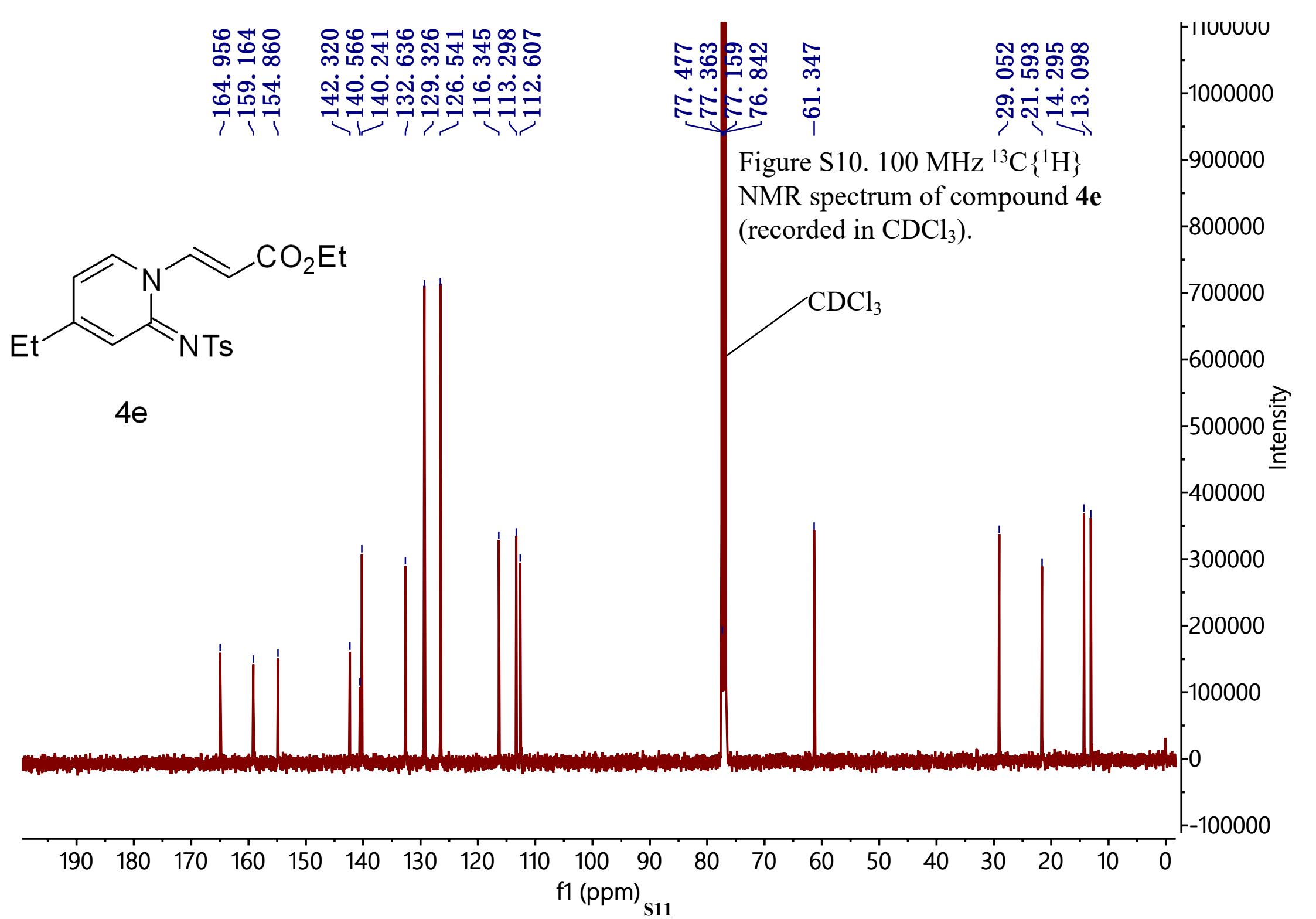


Figure S10. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4e** (recorded in $CDCl_3$).

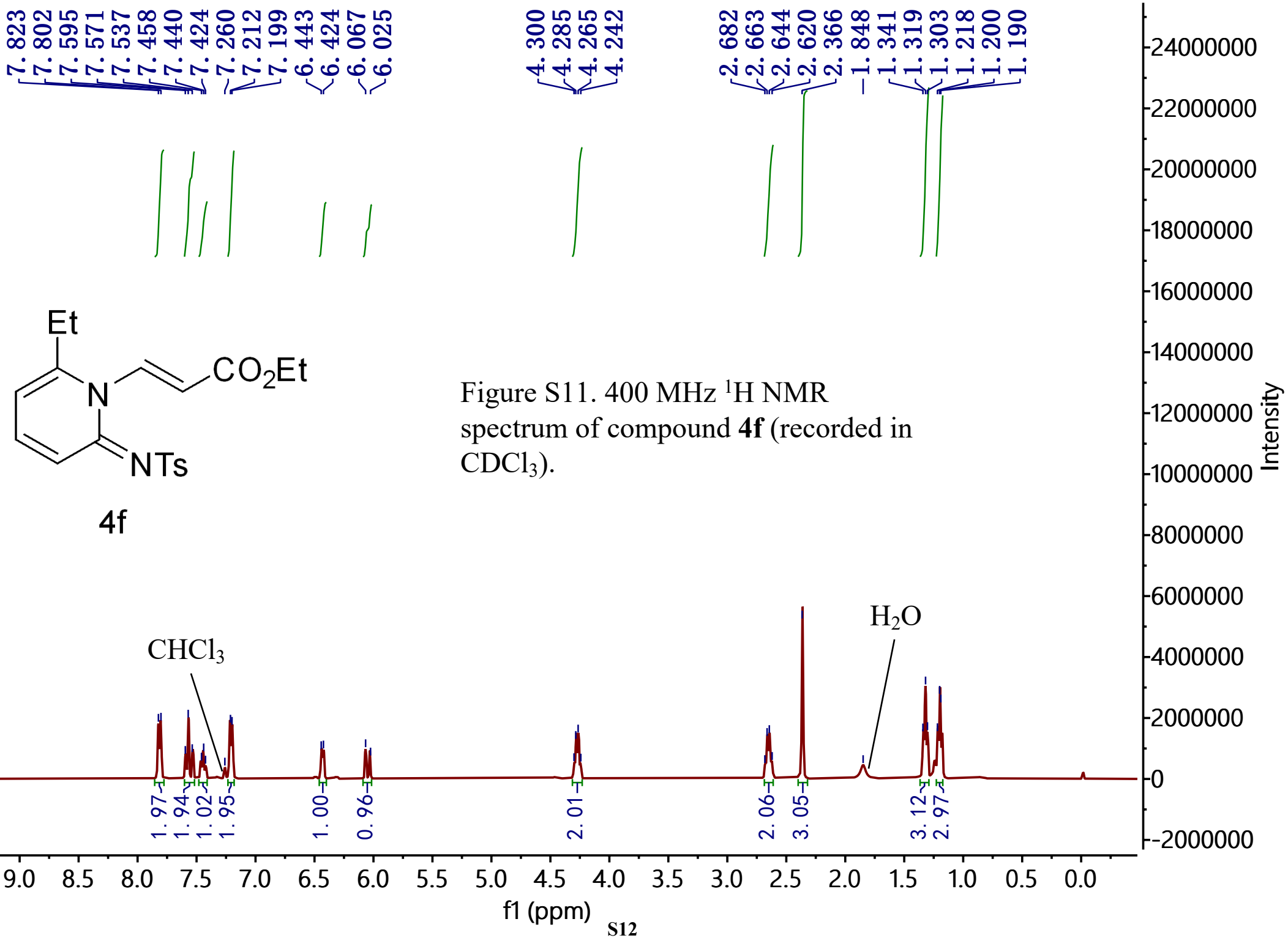


Figure S11. 400 MHz ^{1}H NMR spectrum of compound **4f** (recorded in $CDCl_3$).

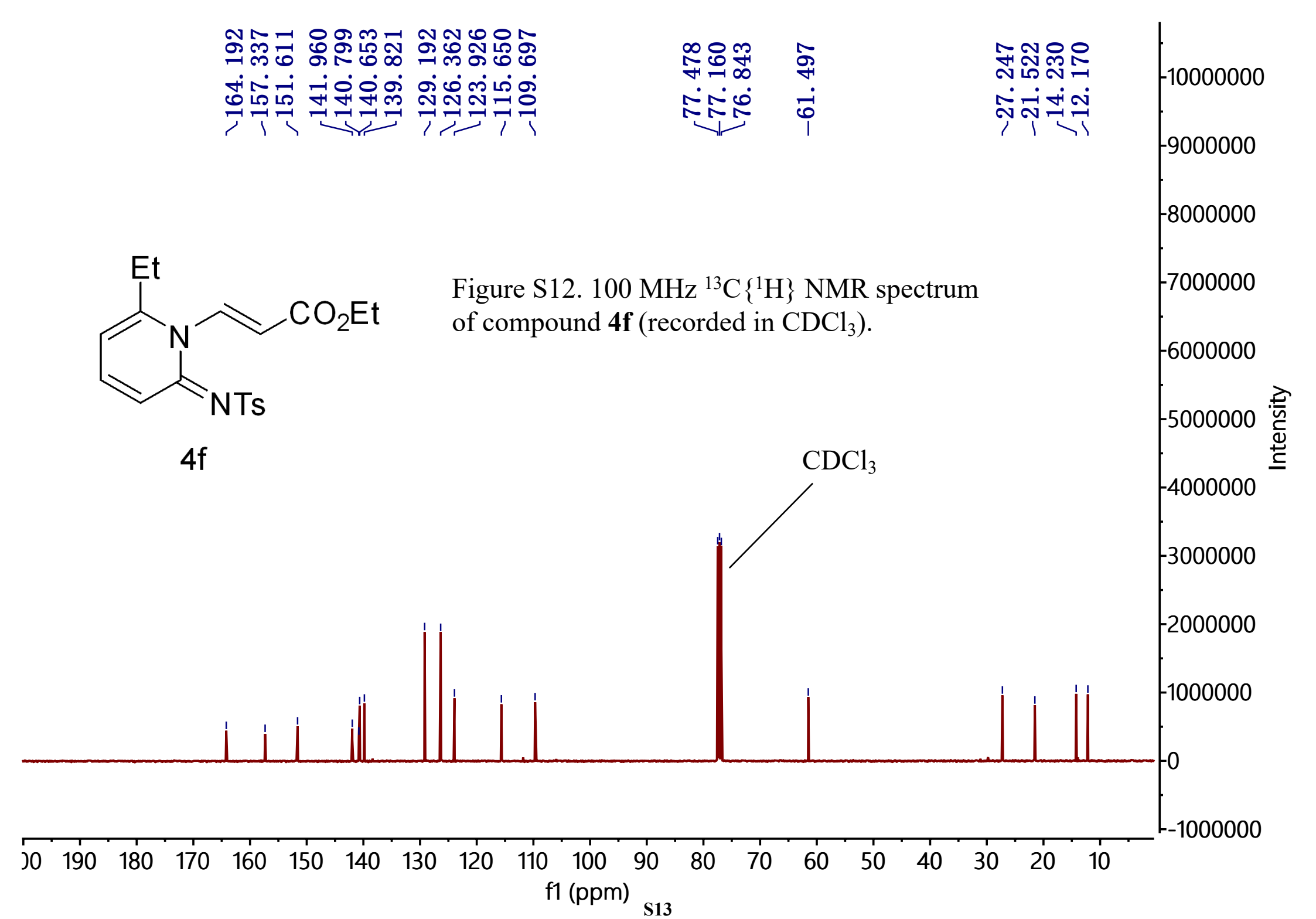


Figure S12. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4f** (recorded in $CDCl_3$).

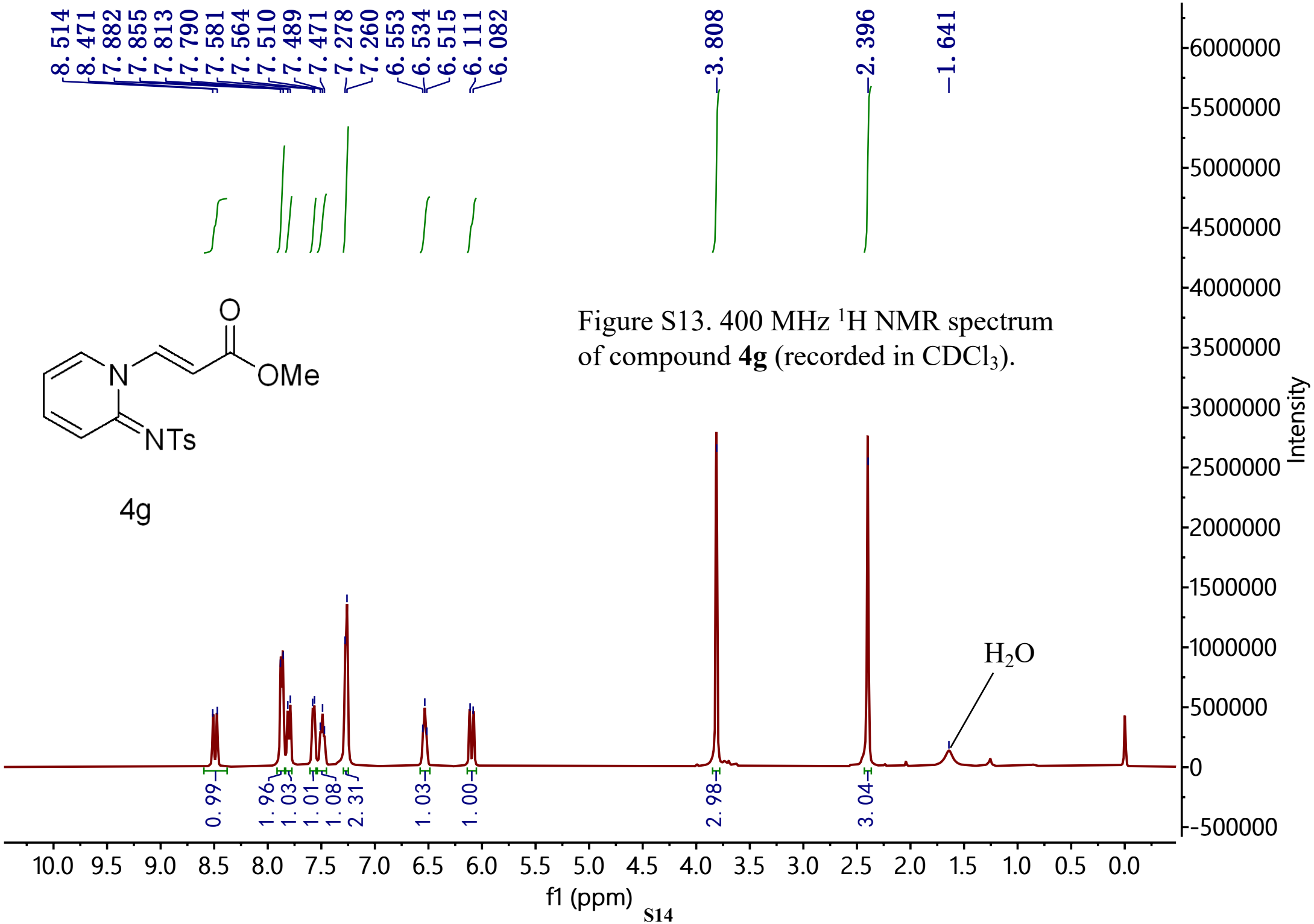
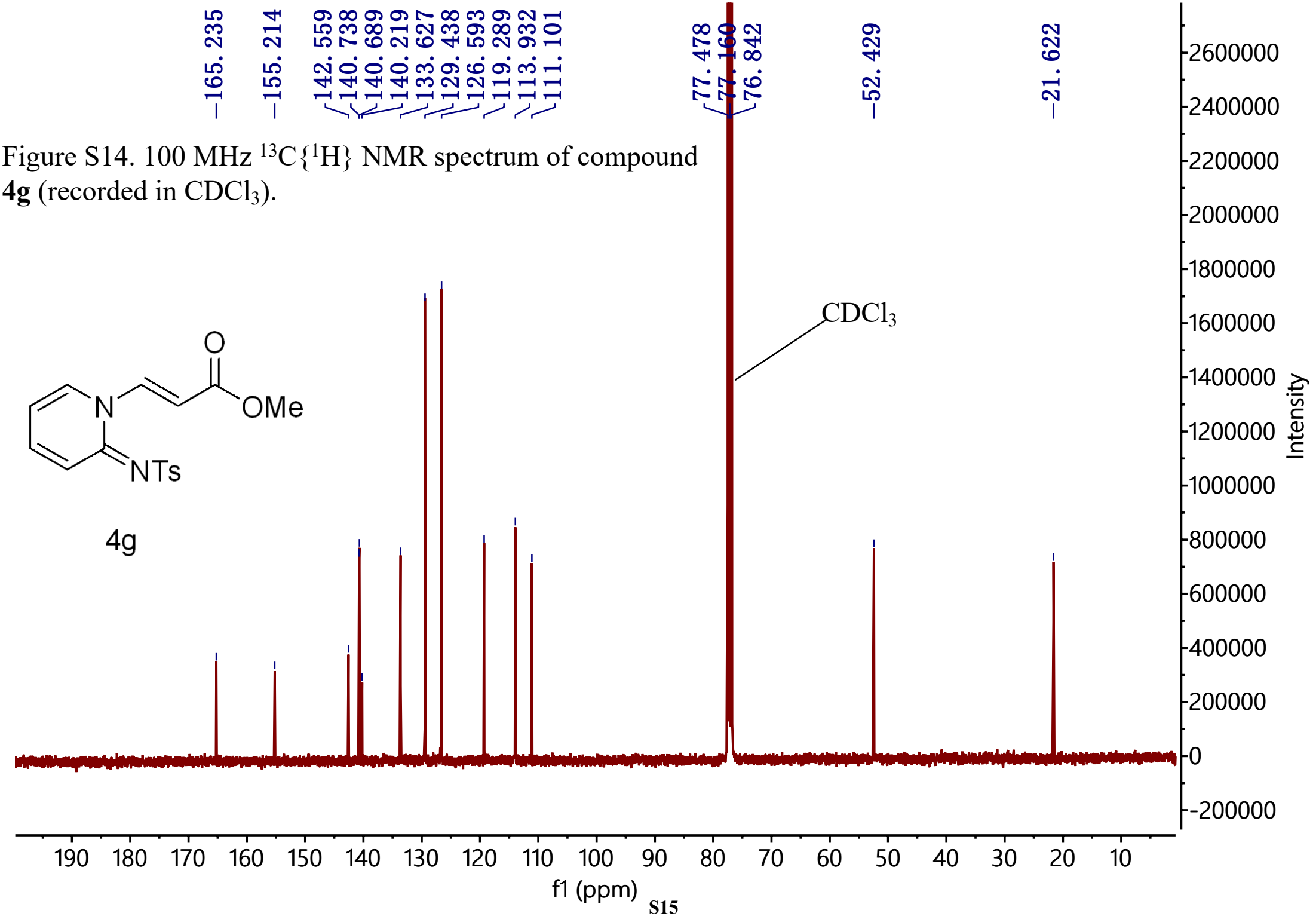


Figure S13. 400 MHz ^{1}H NMR spectrum of compound **4g** (recorded in $CDCl_3$).

Figure S14. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4g** (recorded in $CDCl_3$).



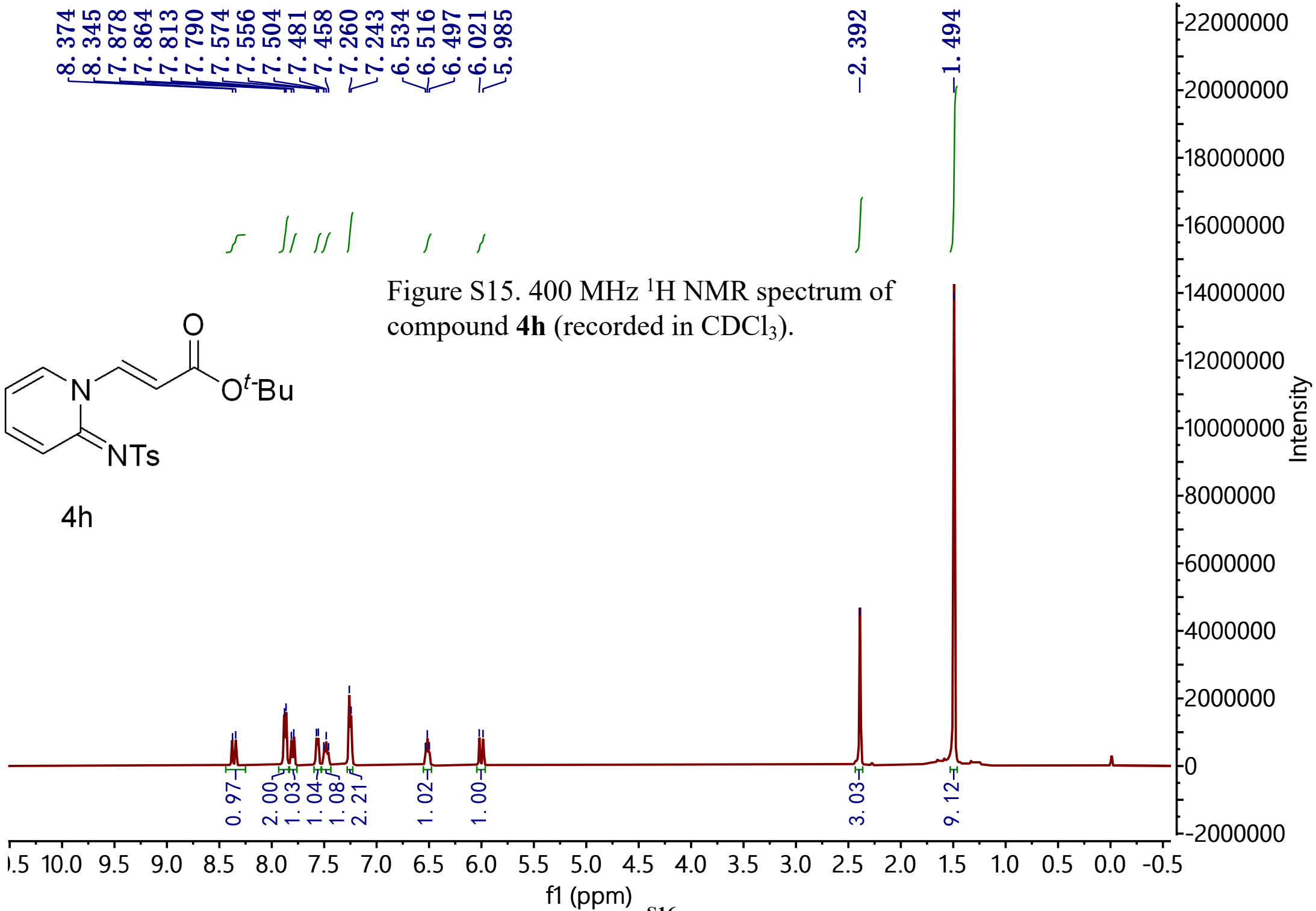


Figure S15. 400 MHz ^{1}H NMR spectrum of compound **4h** (recorded in $CDCl_3$).

4h

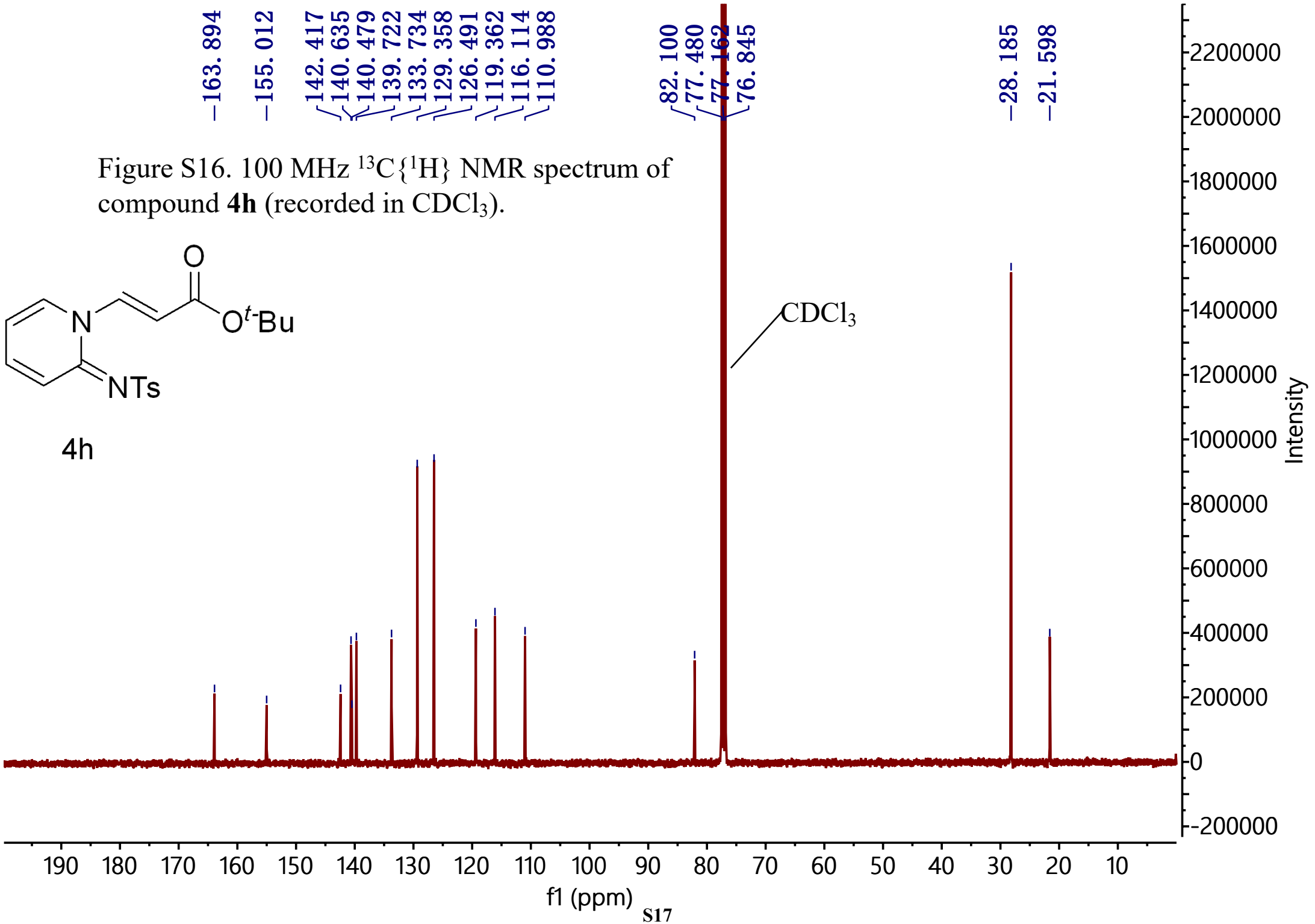


Figure S16. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4h** (recorded in $CDCl_3$).

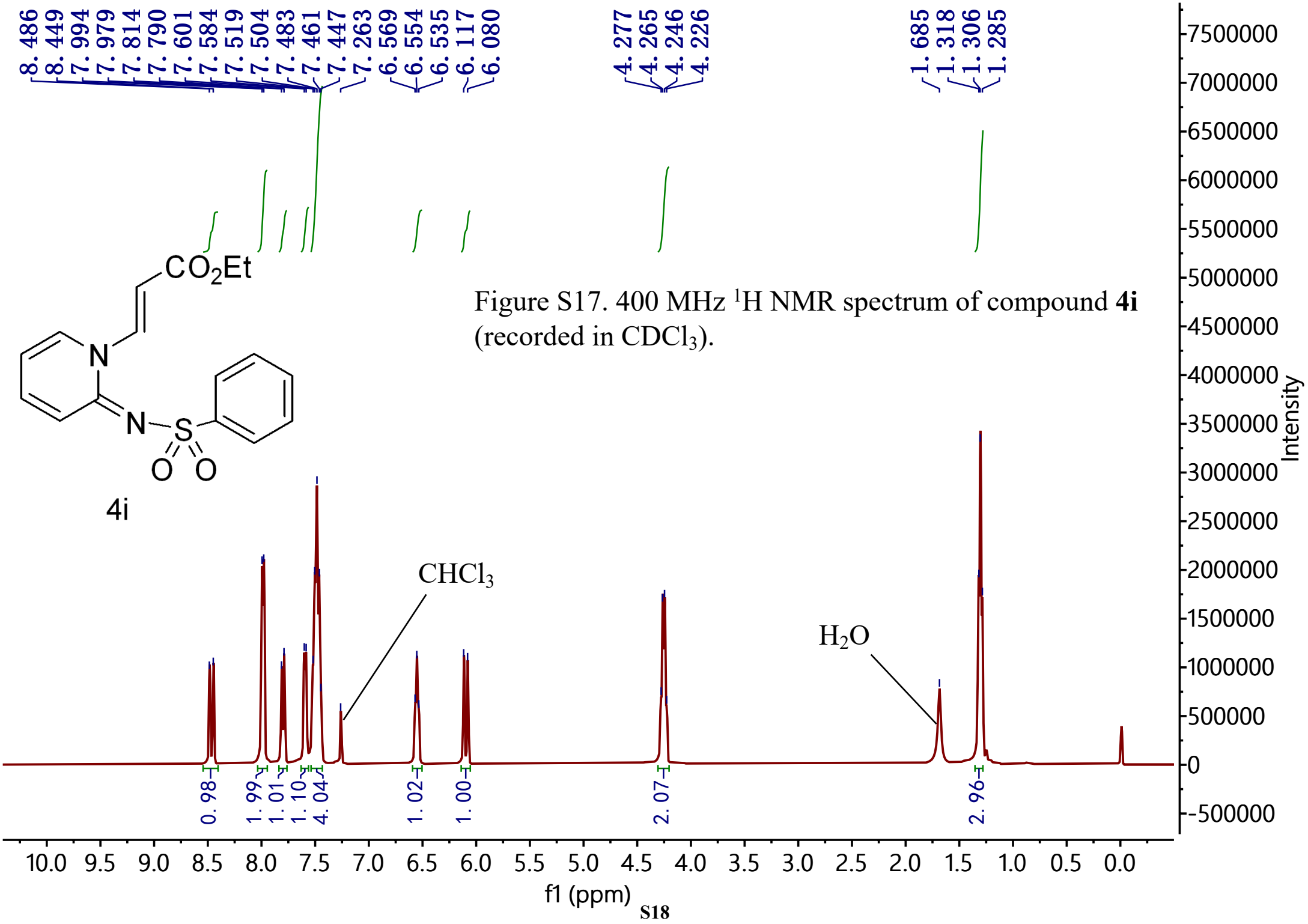


Figure S17. 400 MHz ^{1}H NMR spectrum of compound **4i** (recorded in $CDCl_3$).

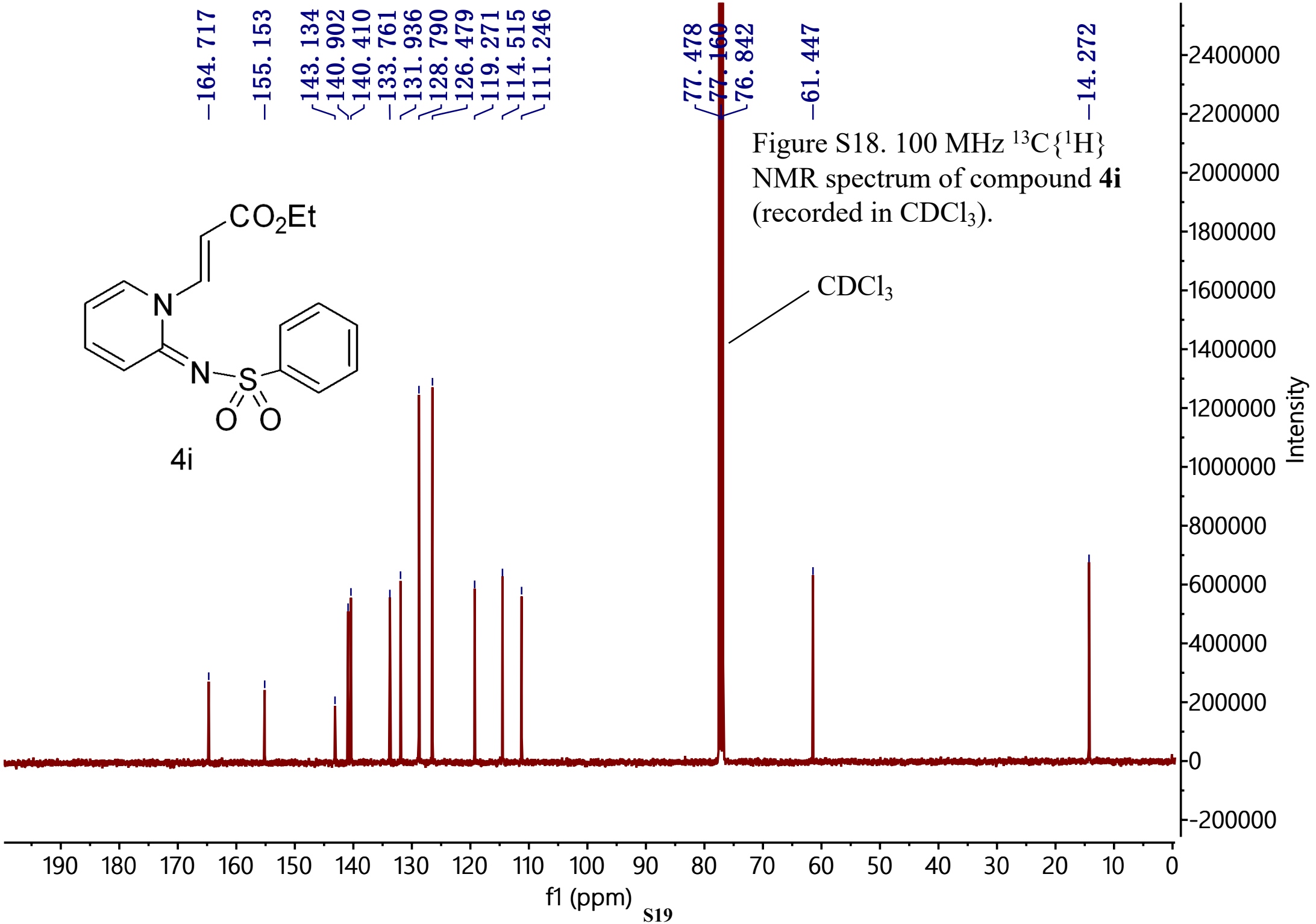


Figure S18. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4i** (recorded in $CDCl_3$).

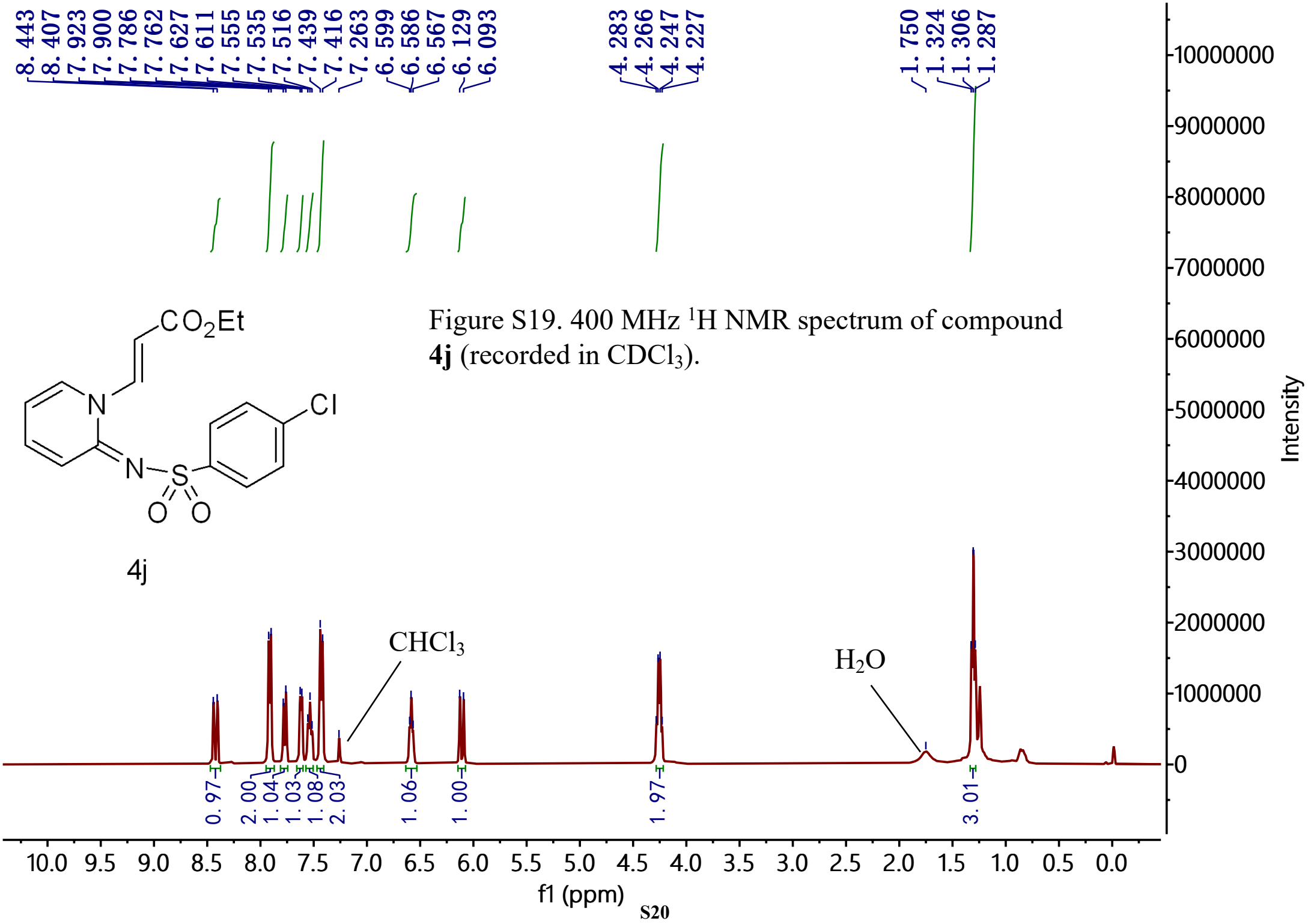


Figure S19. 400 MHz ^{1}H NMR spectrum of compound **4j** (recorded in $CDCl_3$).

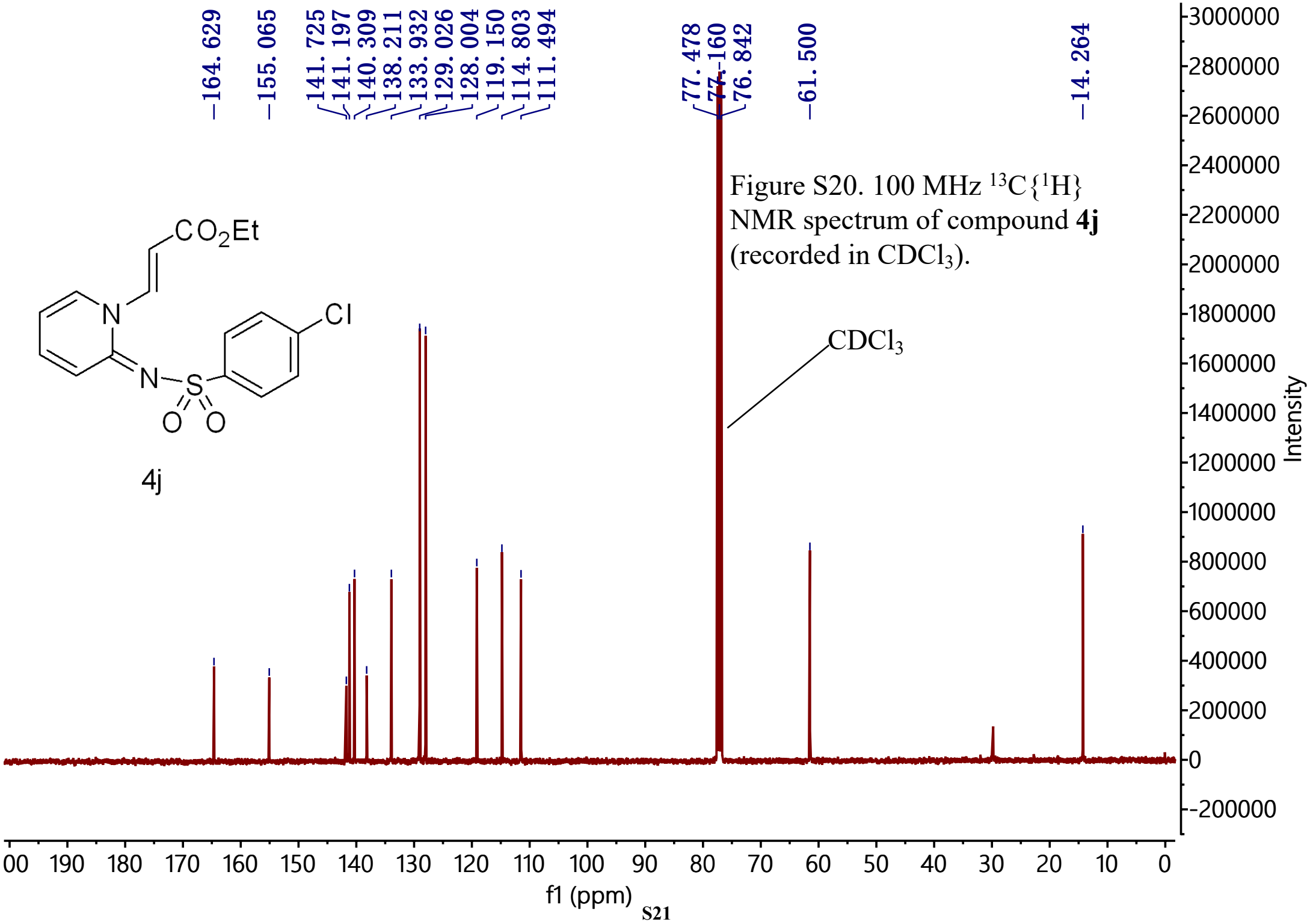


Figure S20. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4j** (recorded in $CDCl_3$).

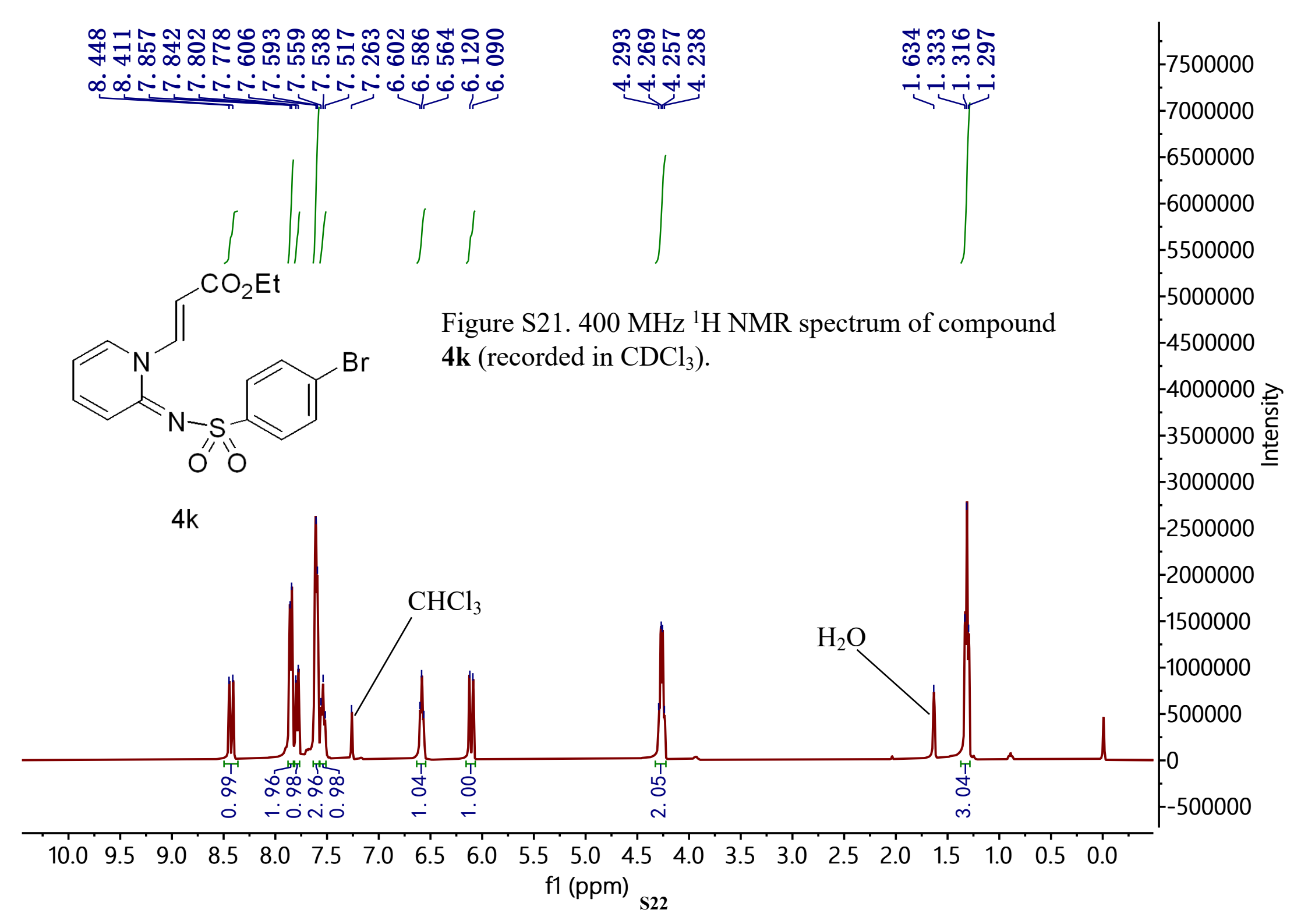


Figure S21. 400 MHz ^{1}H NMR spectrum of compound **4k** (recorded in $CDCl_3$).

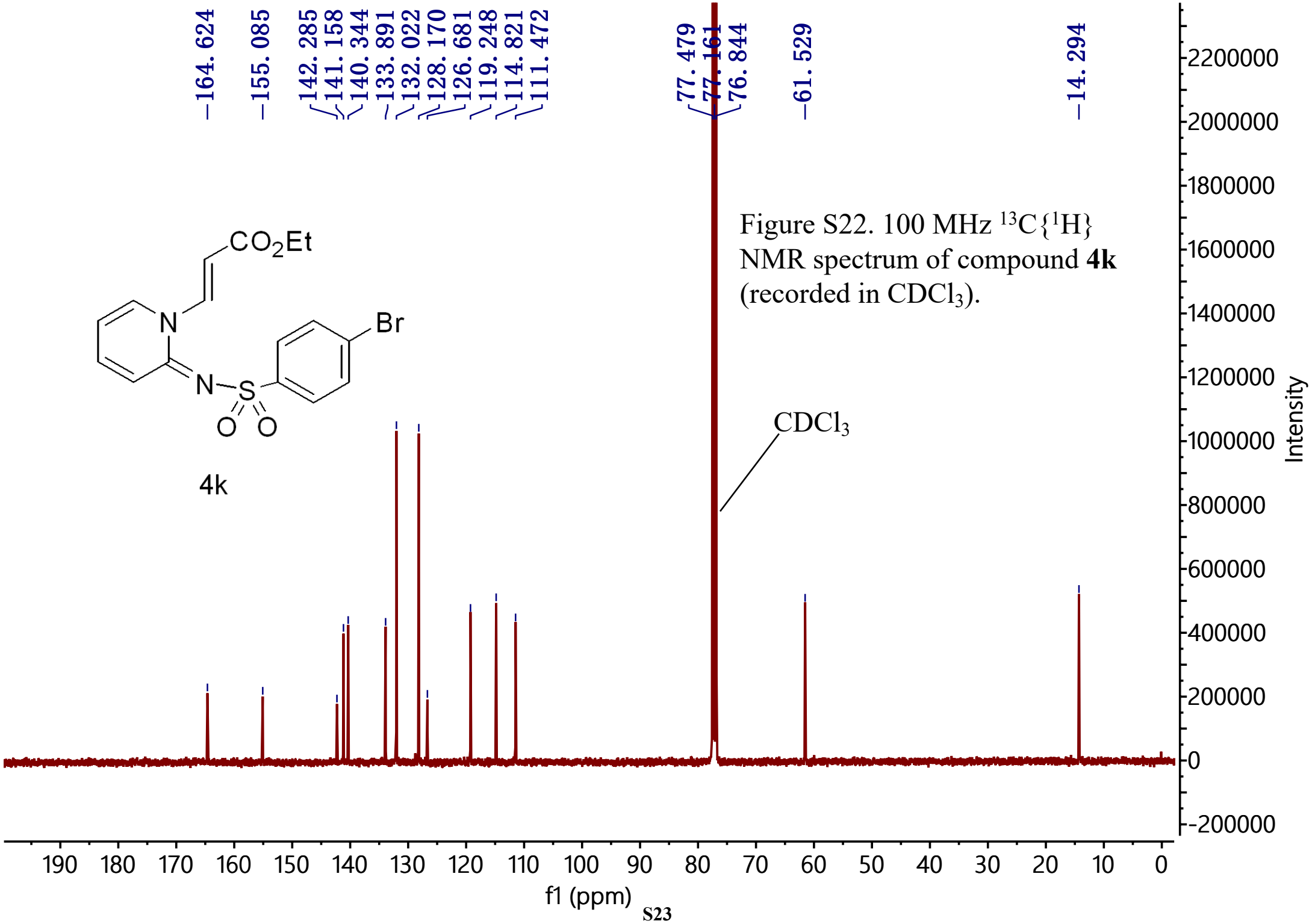


Figure S22. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4k** (recorded in $CDCl_3$).

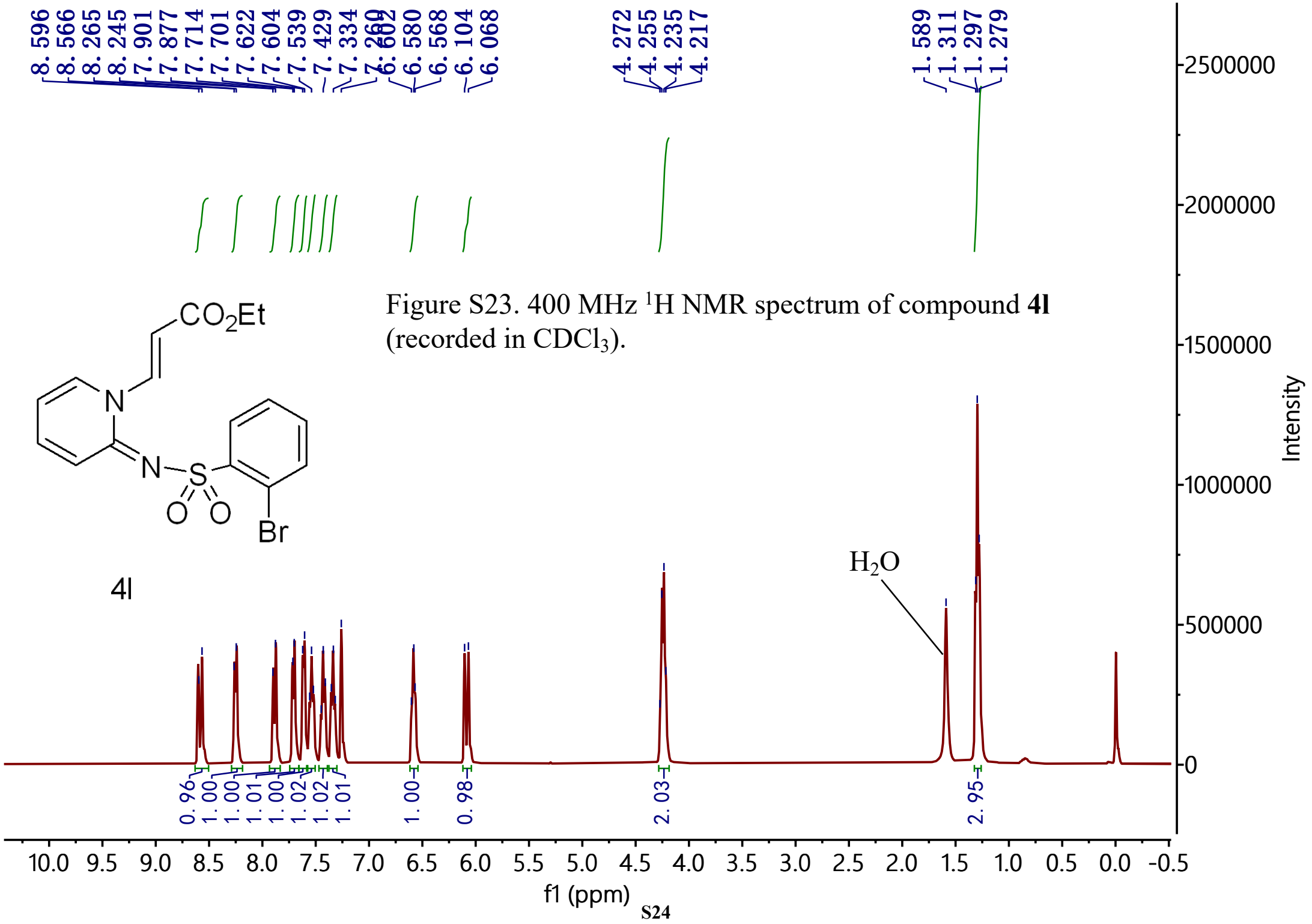


Figure S23. 400 MHz ^{1}H NMR spectrum of compound **4l** (recorded in $CDCl_3$).

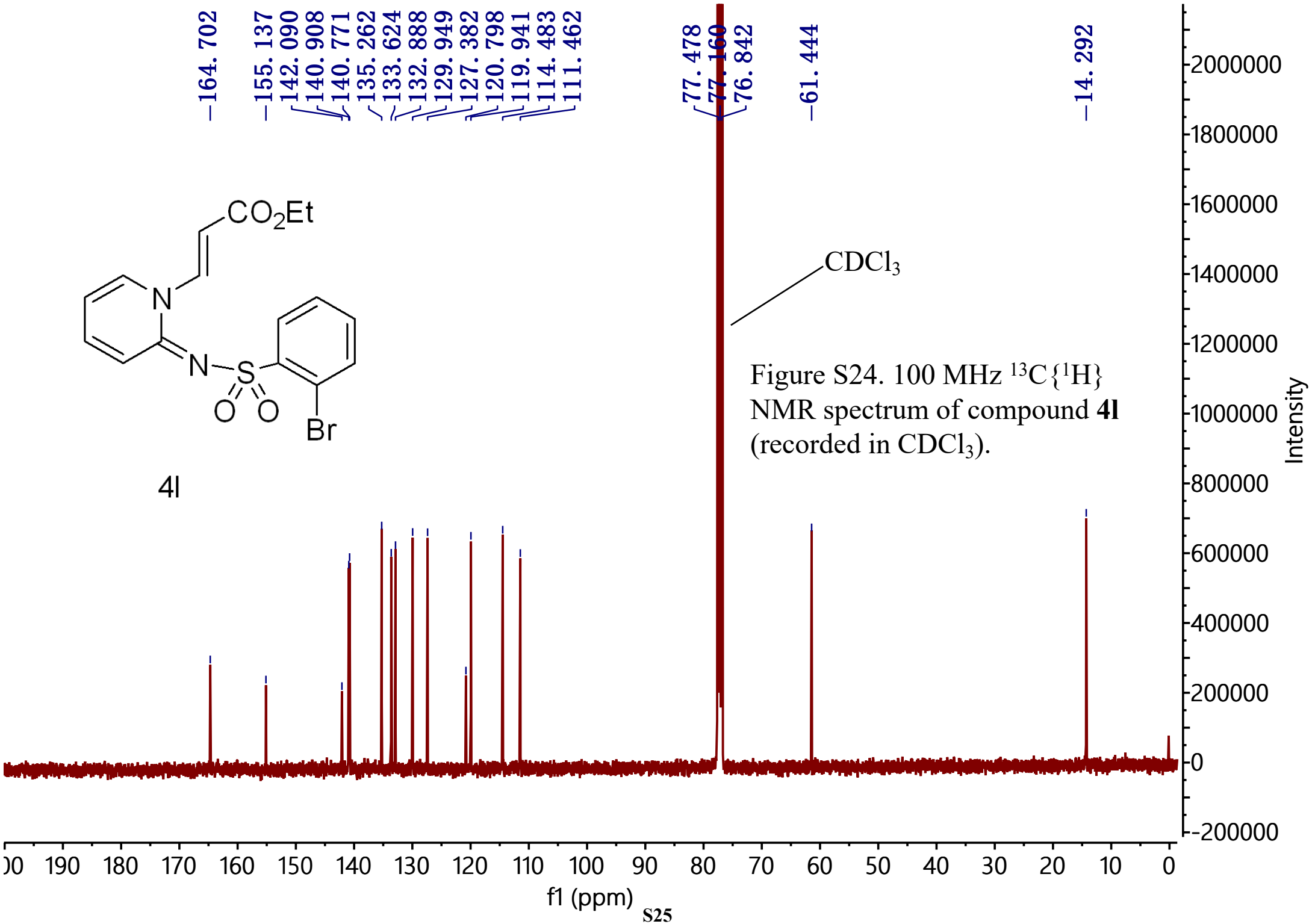


Figure S24. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4l** (recorded in $CDCl_3$).

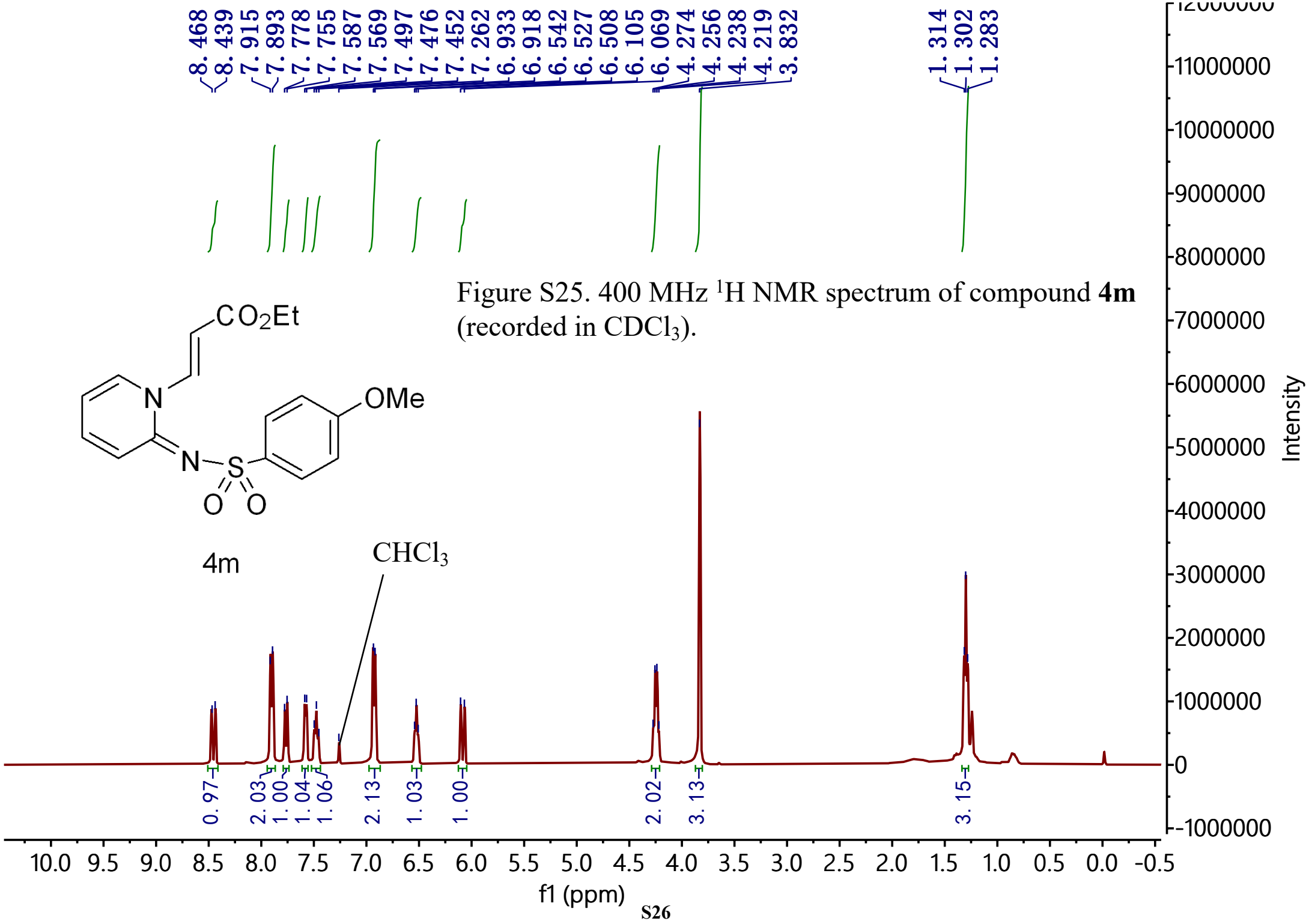


Figure S25. 400 MHz ^{1}H NMR spectrum of compound **4m** (recorded in $CDCl_3$).

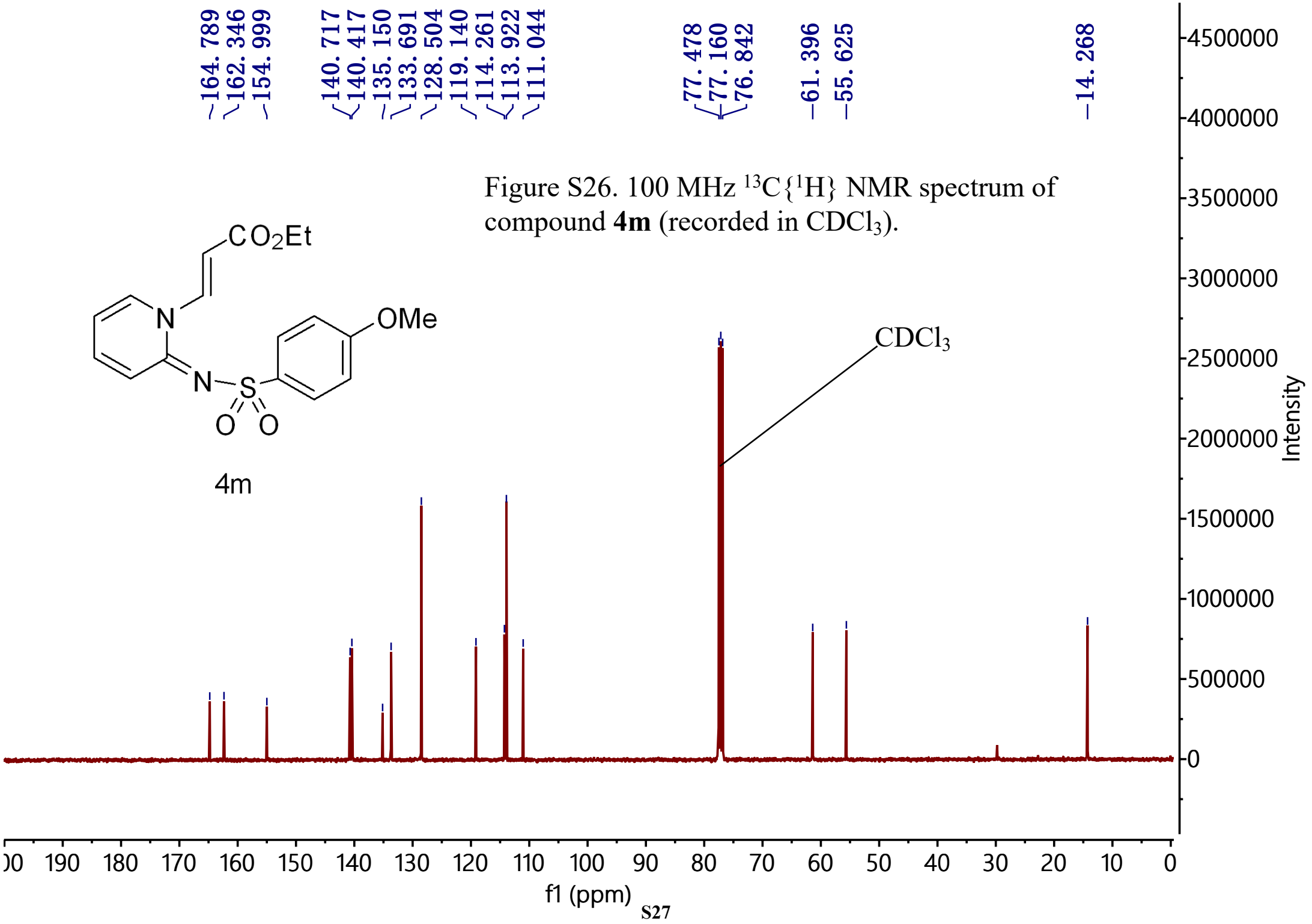


Figure S26. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4m** (recorded in $CDCl_3$).

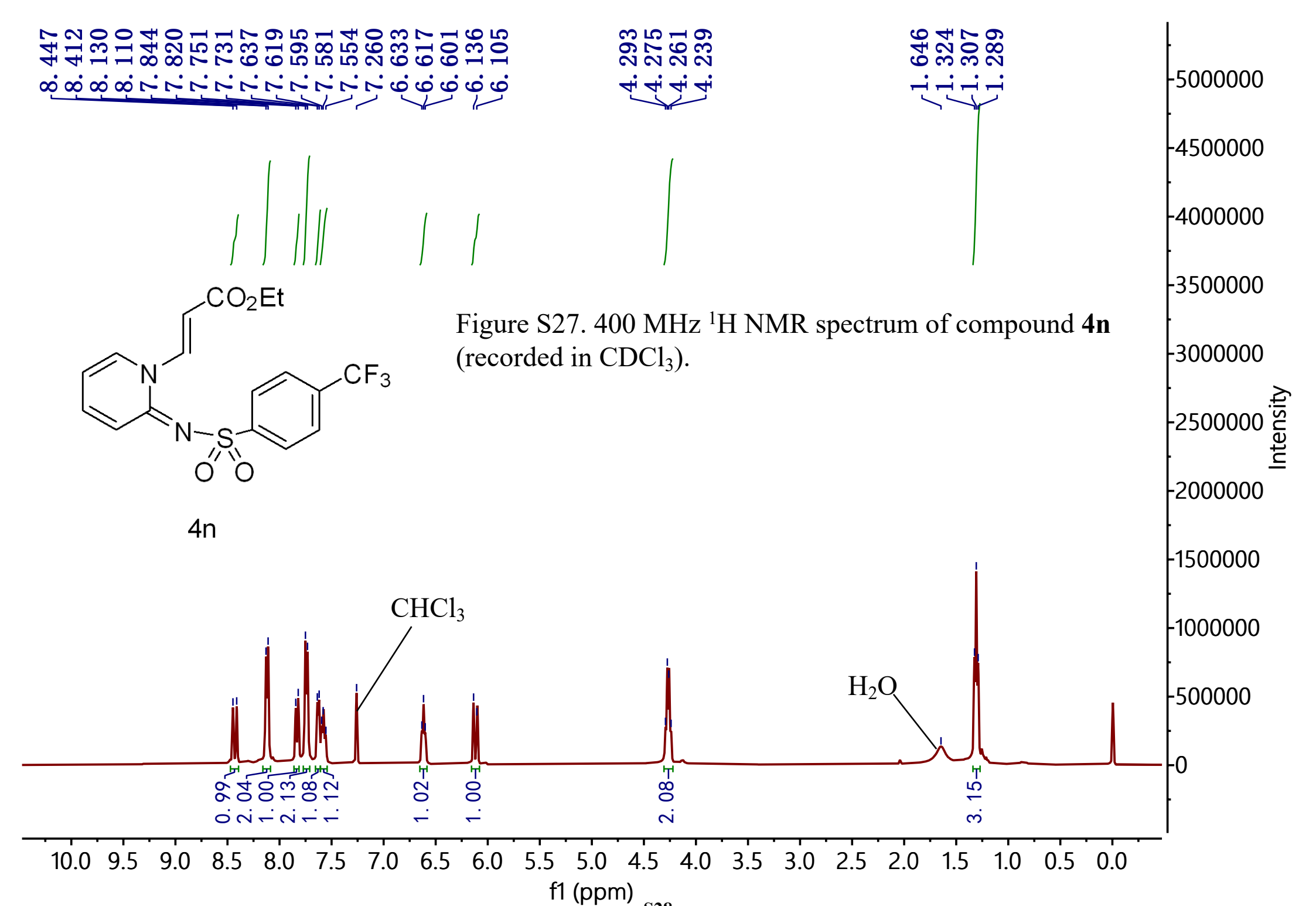


Figure S27. 400 MHz ^{1}H NMR spectrum of compound **4n** (recorded in $CDCl_3$).

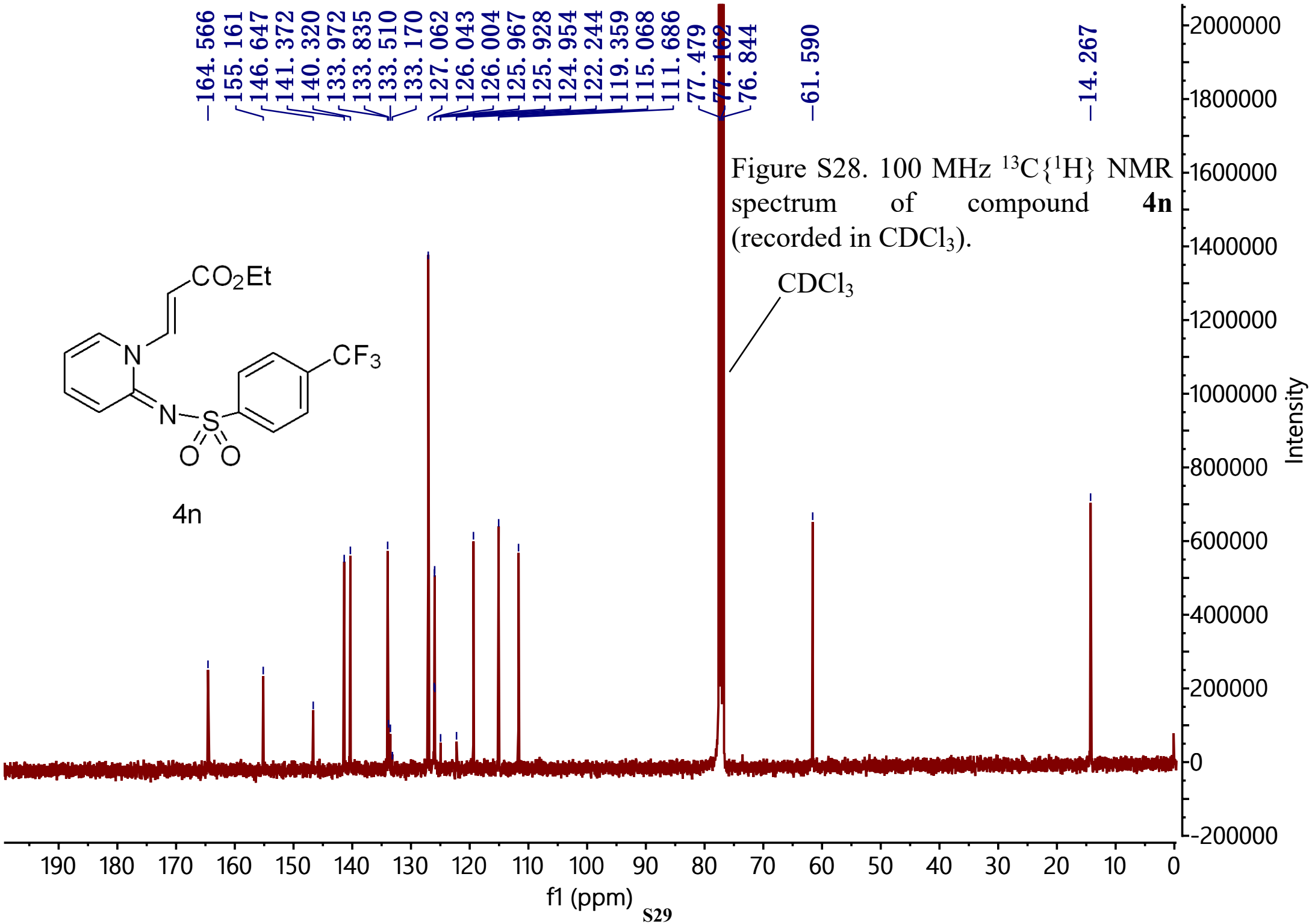


Figure S28. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4n** (recorded in $CDCl_3$).

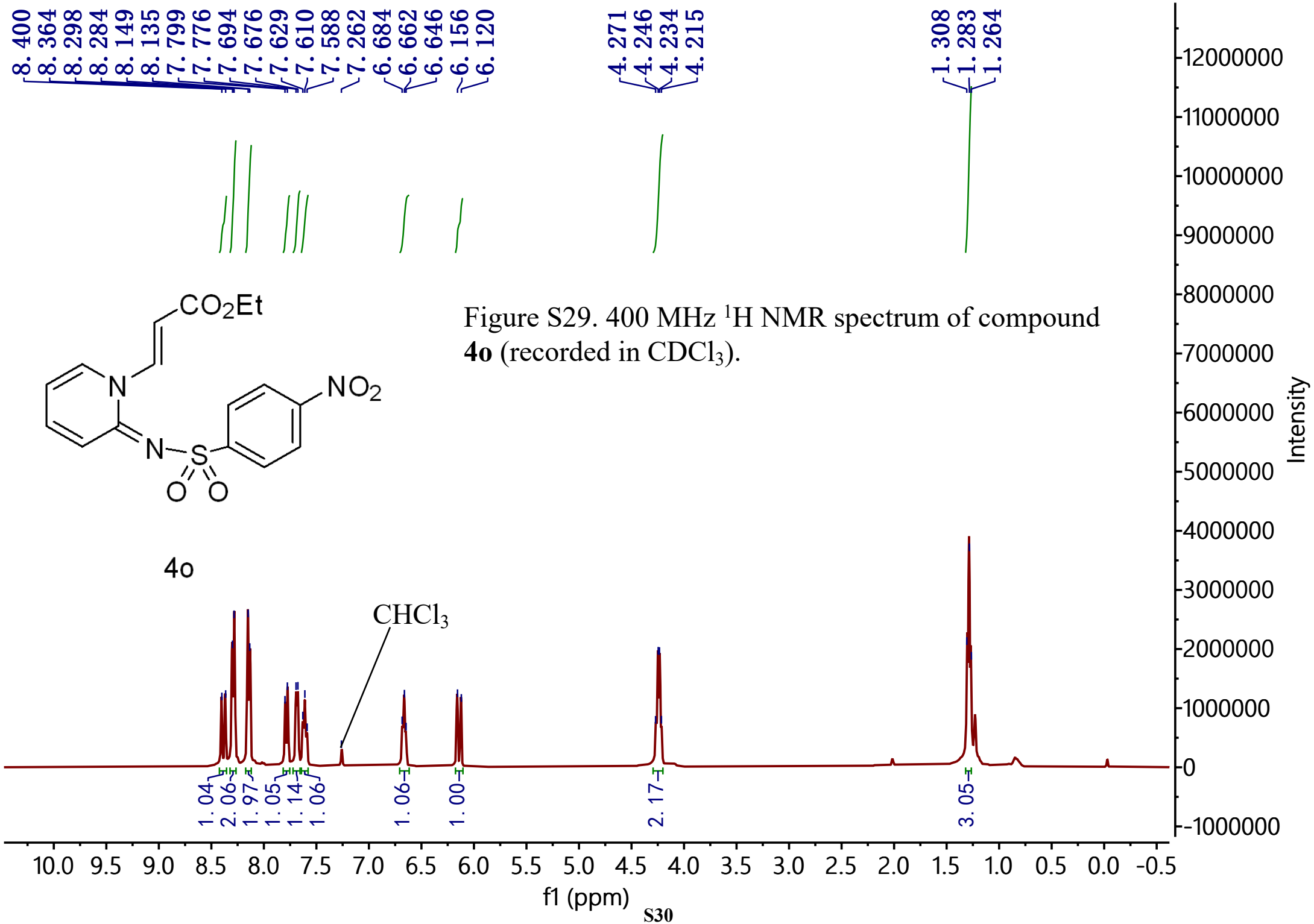


Figure S29. 400 MHz ^{1}H NMR spectrum of compound **4o** (recorded in $CDCl_3$).

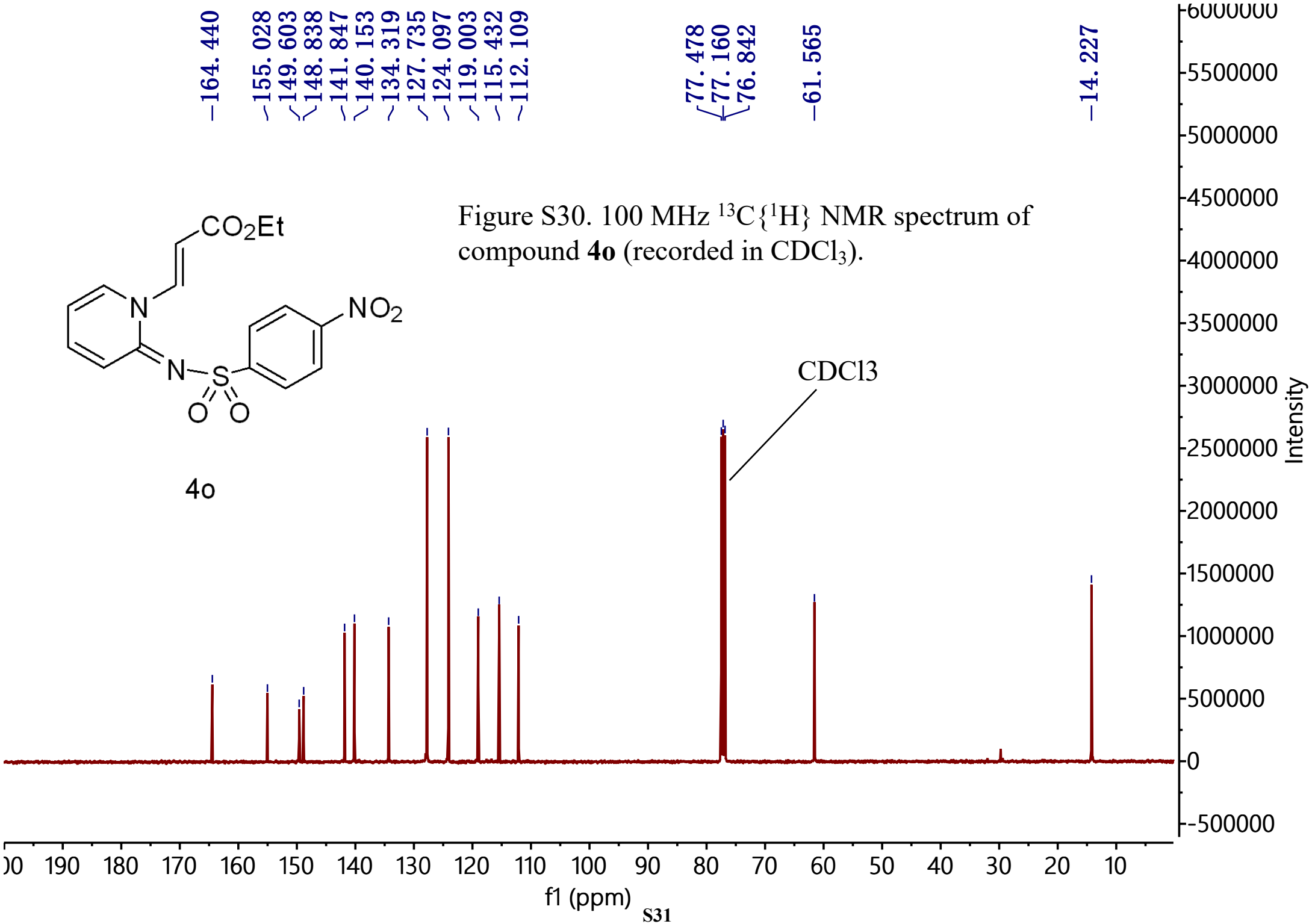


Figure S30. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4o** (recorded in $CDCl_3$).

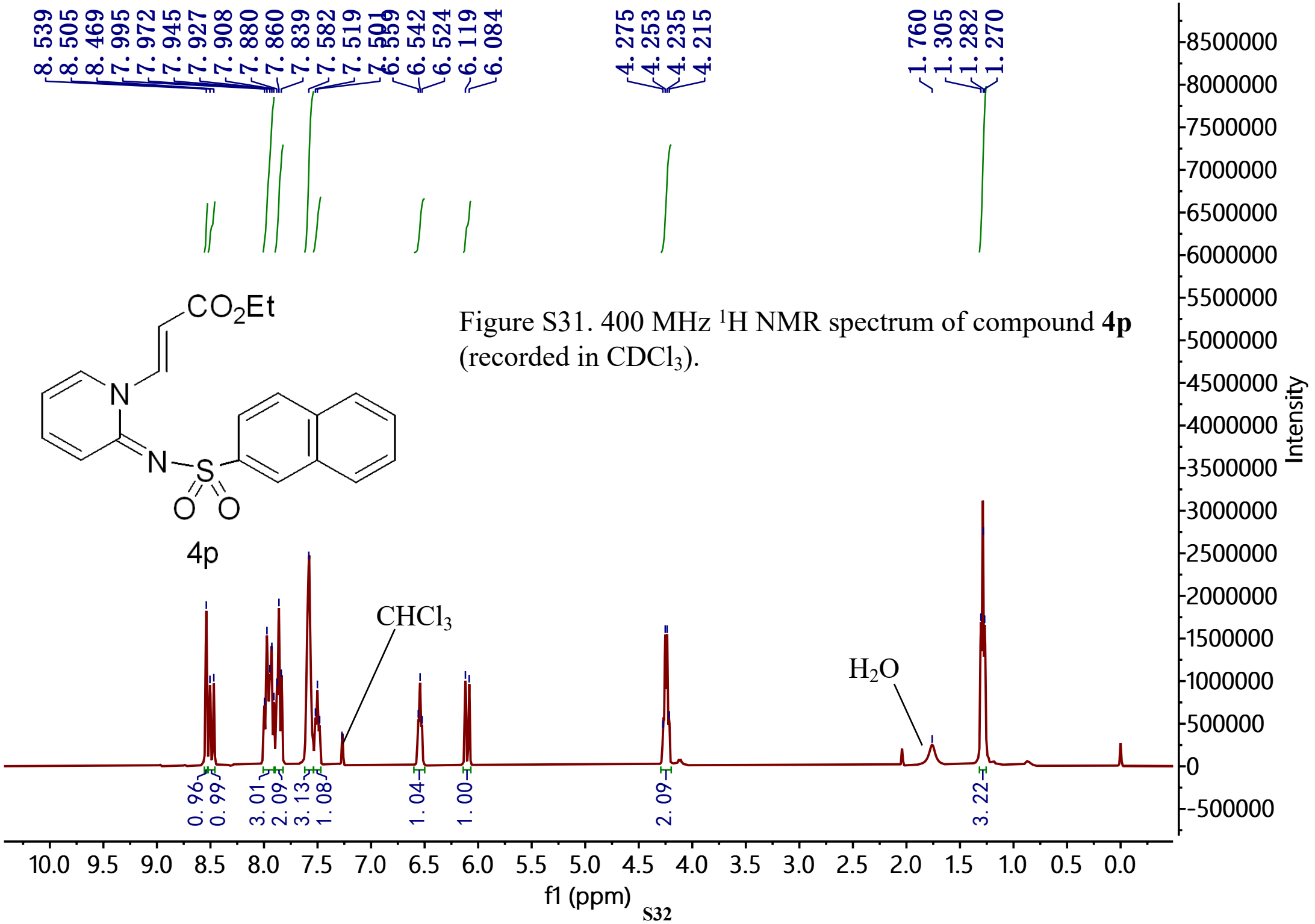


Figure S31. 400 MHz ^{1}H NMR spectrum of compound **4p** (recorded in $CDCl_3$).

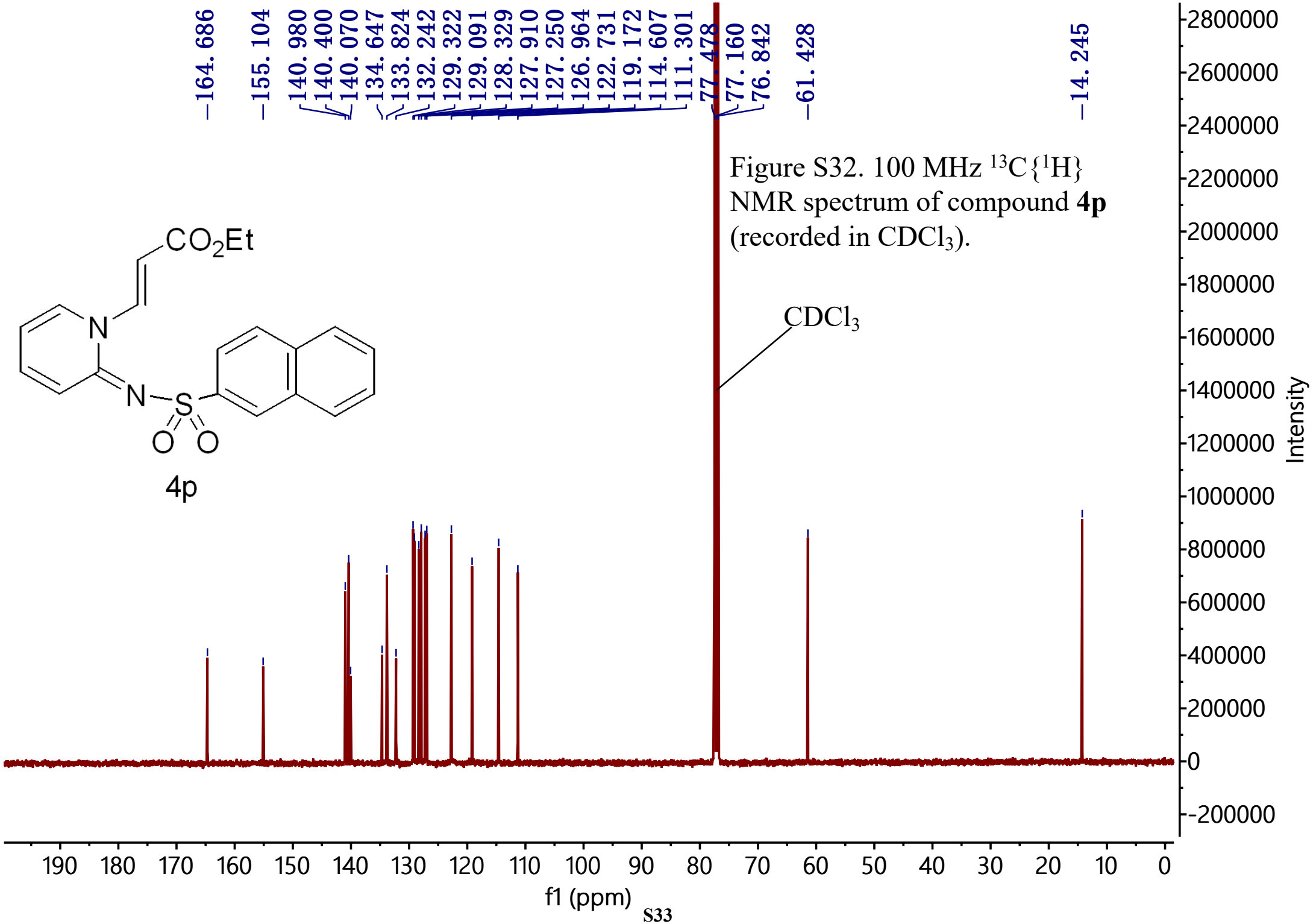


Figure S32. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4p** (recorded in $CDCl_3$).

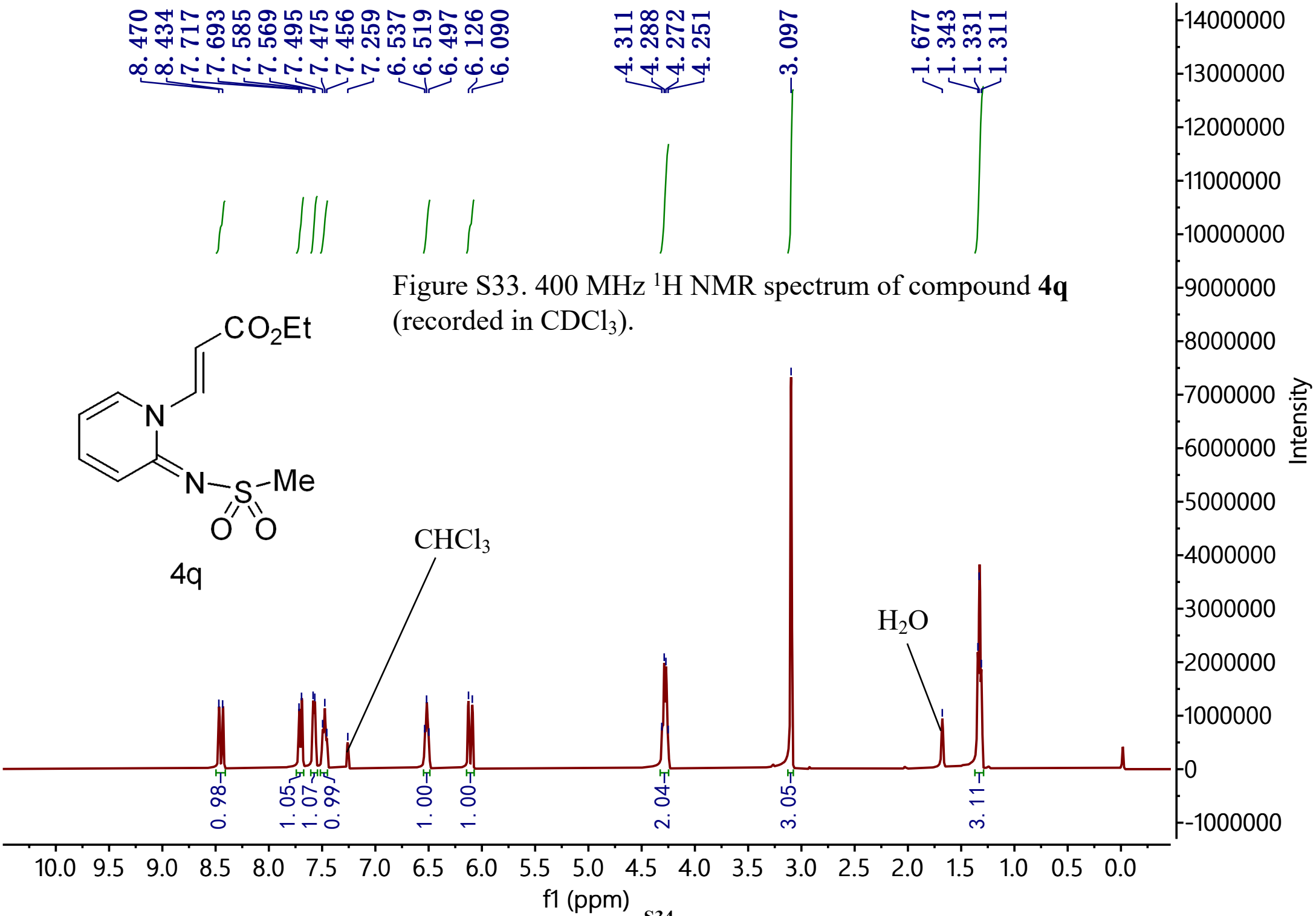


Figure S33. 400 MHz ^{1}H NMR spectrum of compound **4q** (recorded in $CDCl_3$).

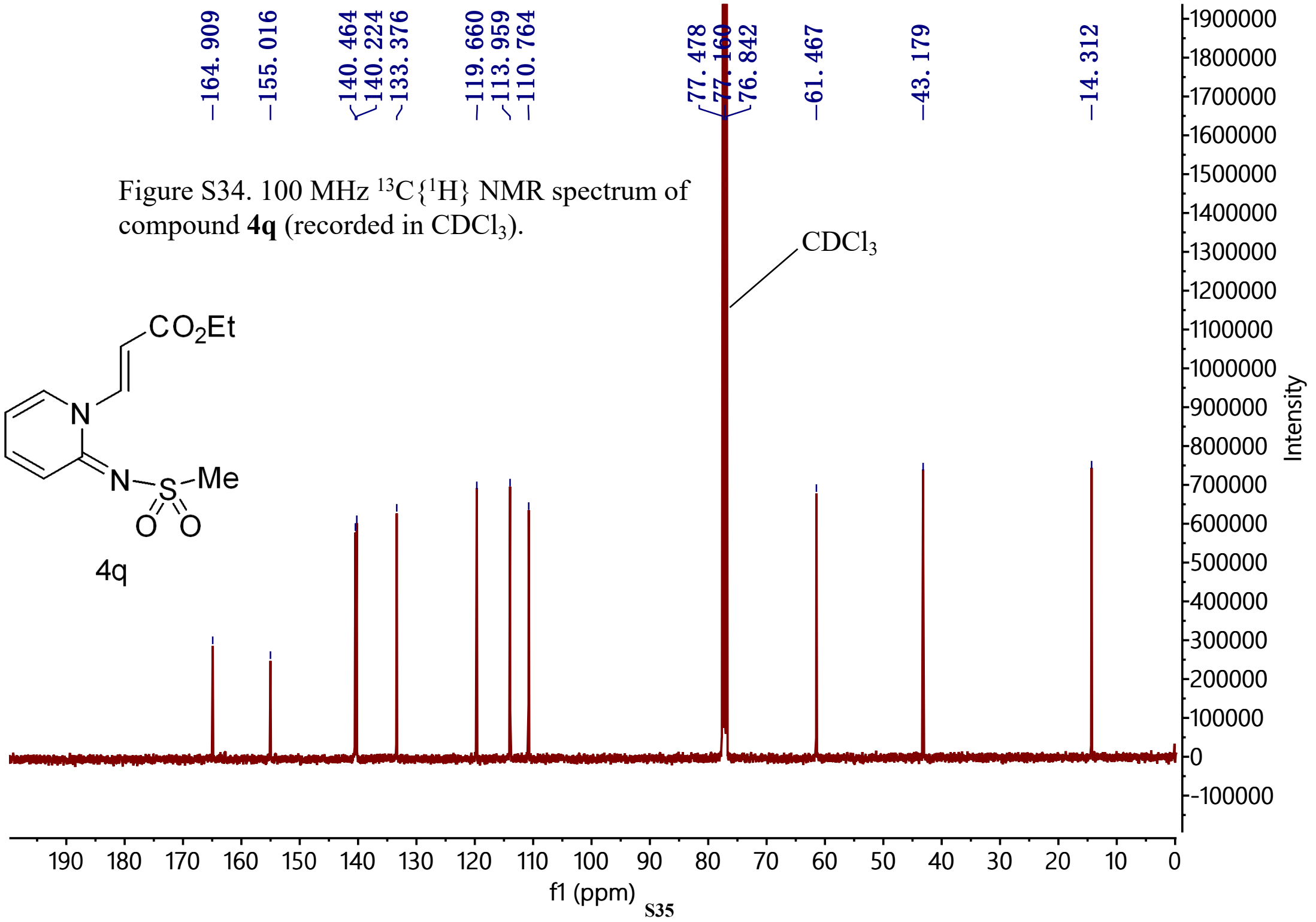


Figure S34. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4q** (recorded in $CDCl_3$).

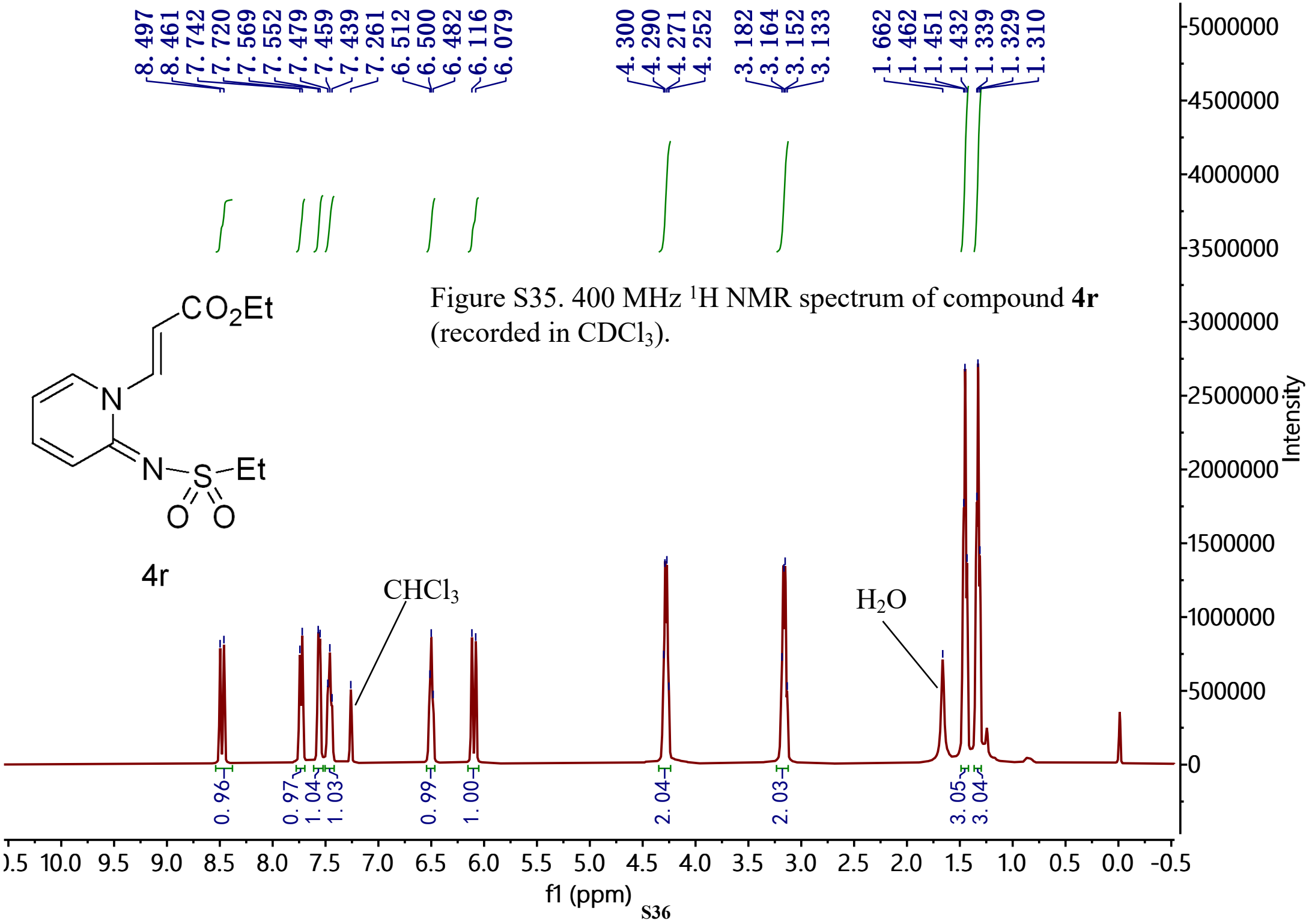


Figure S35. 400 MHz ^{1}H NMR spectrum of compound **4r** (recorded in $CDCl_3$).

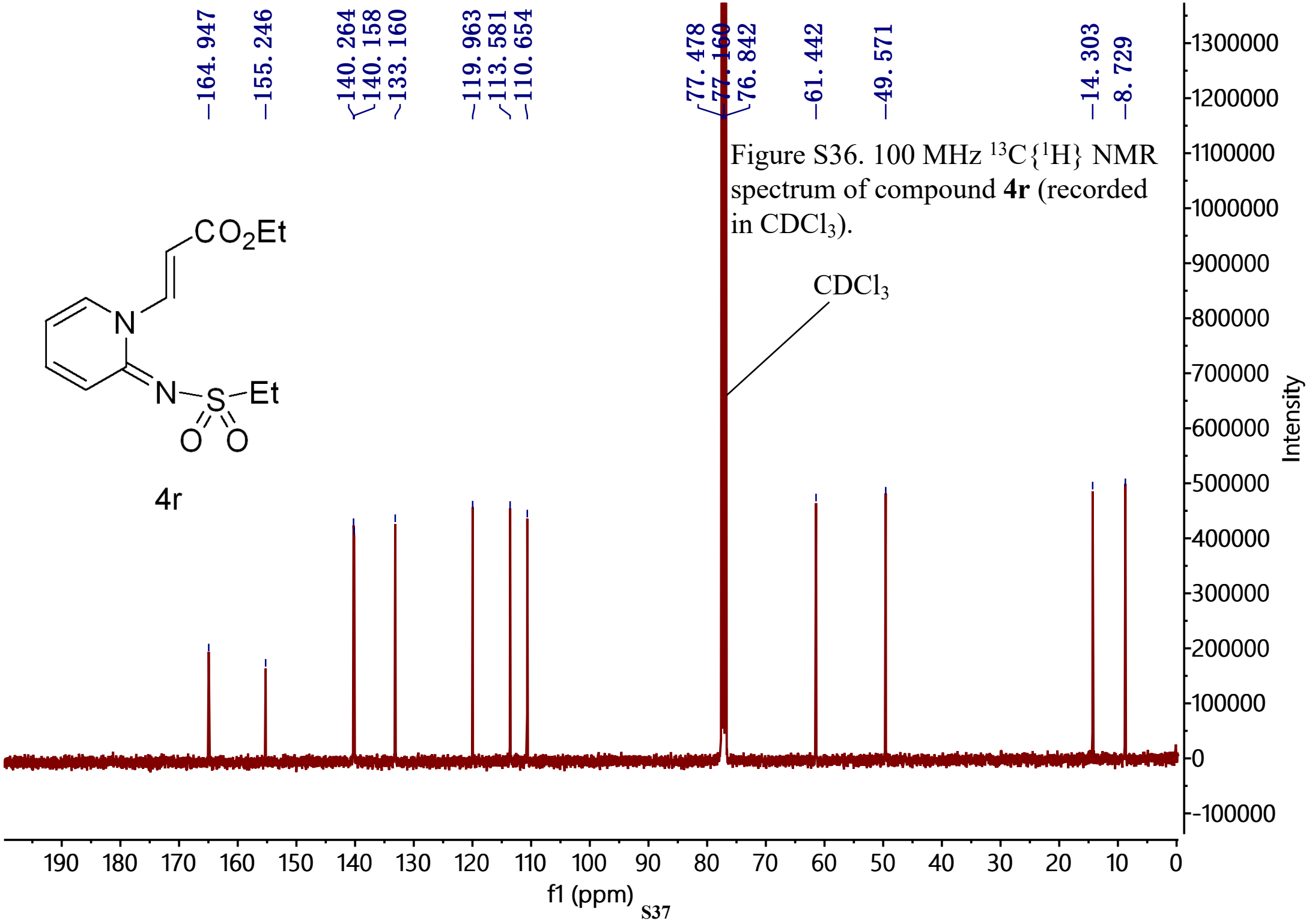


Figure S36. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4r** (recorded in $CDCl_3$).

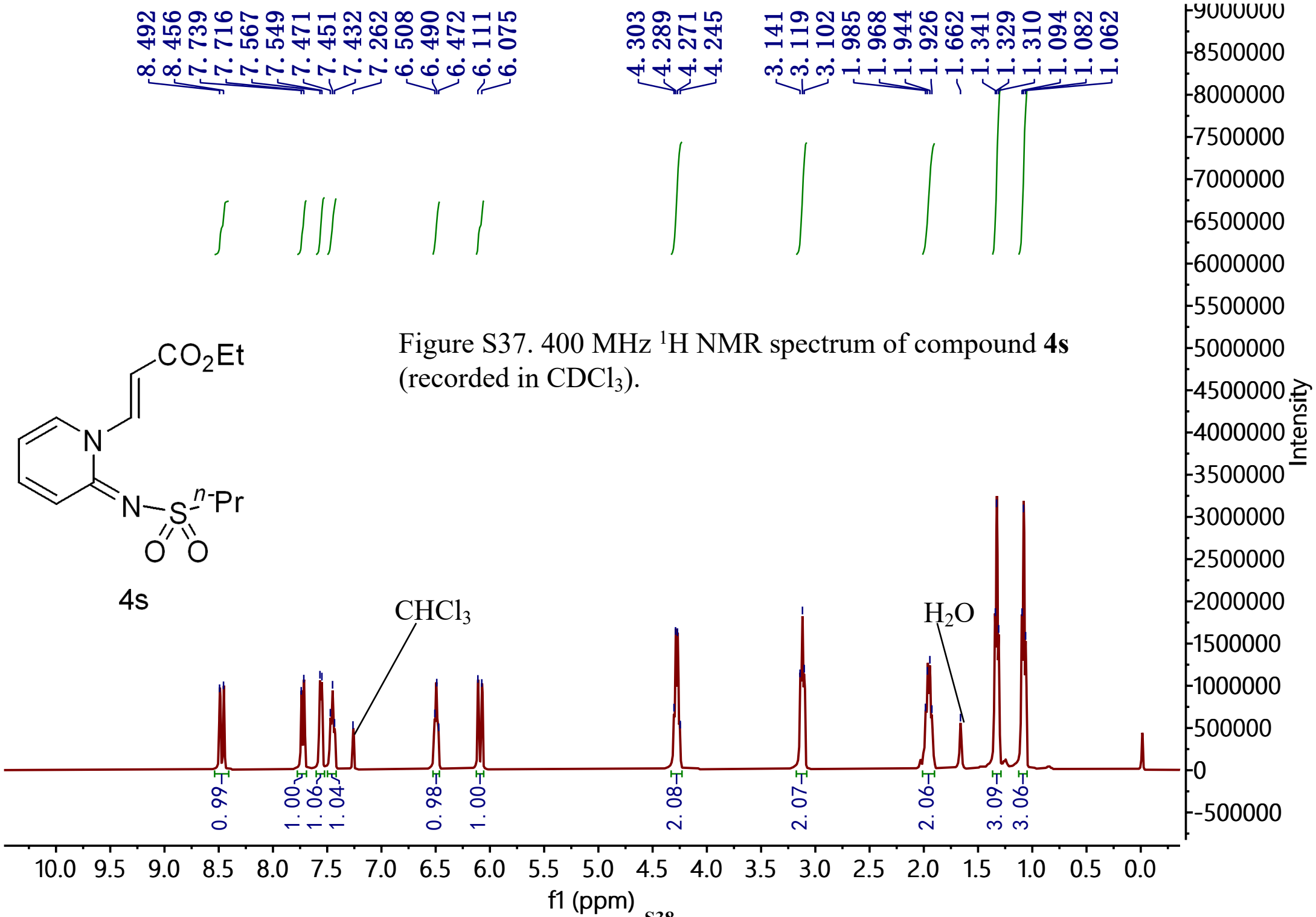


Figure S37. 400 MHz ^{1}H NMR spectrum of compound **4s** (recorded in $CDCl_3$).

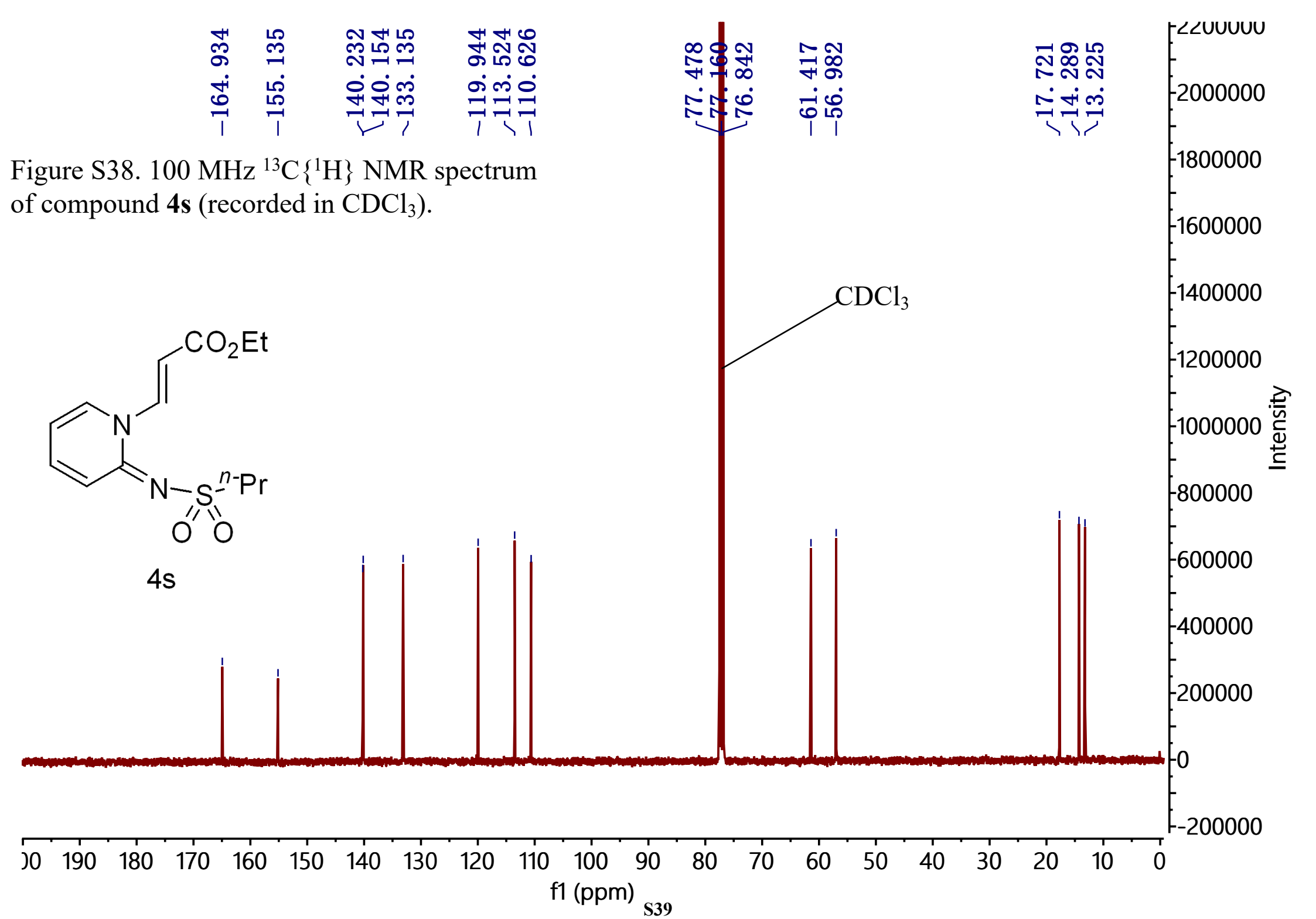


Figure S38. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4s** (recorded in $CDCl_3$).

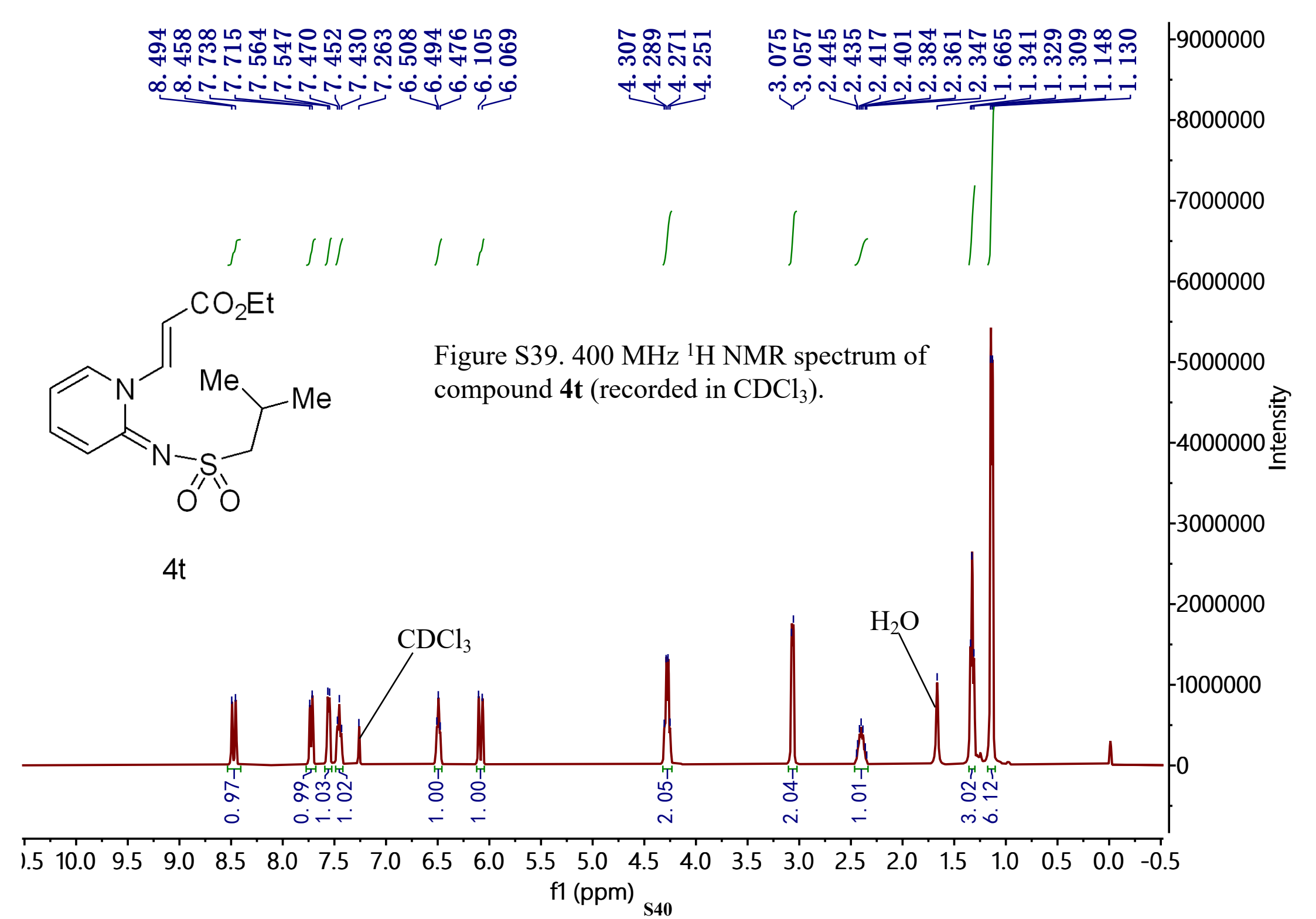


Figure S39. 400 MHz ^{1}H NMR spectrum of compound **4t** (recorded in $CDCl_3$).

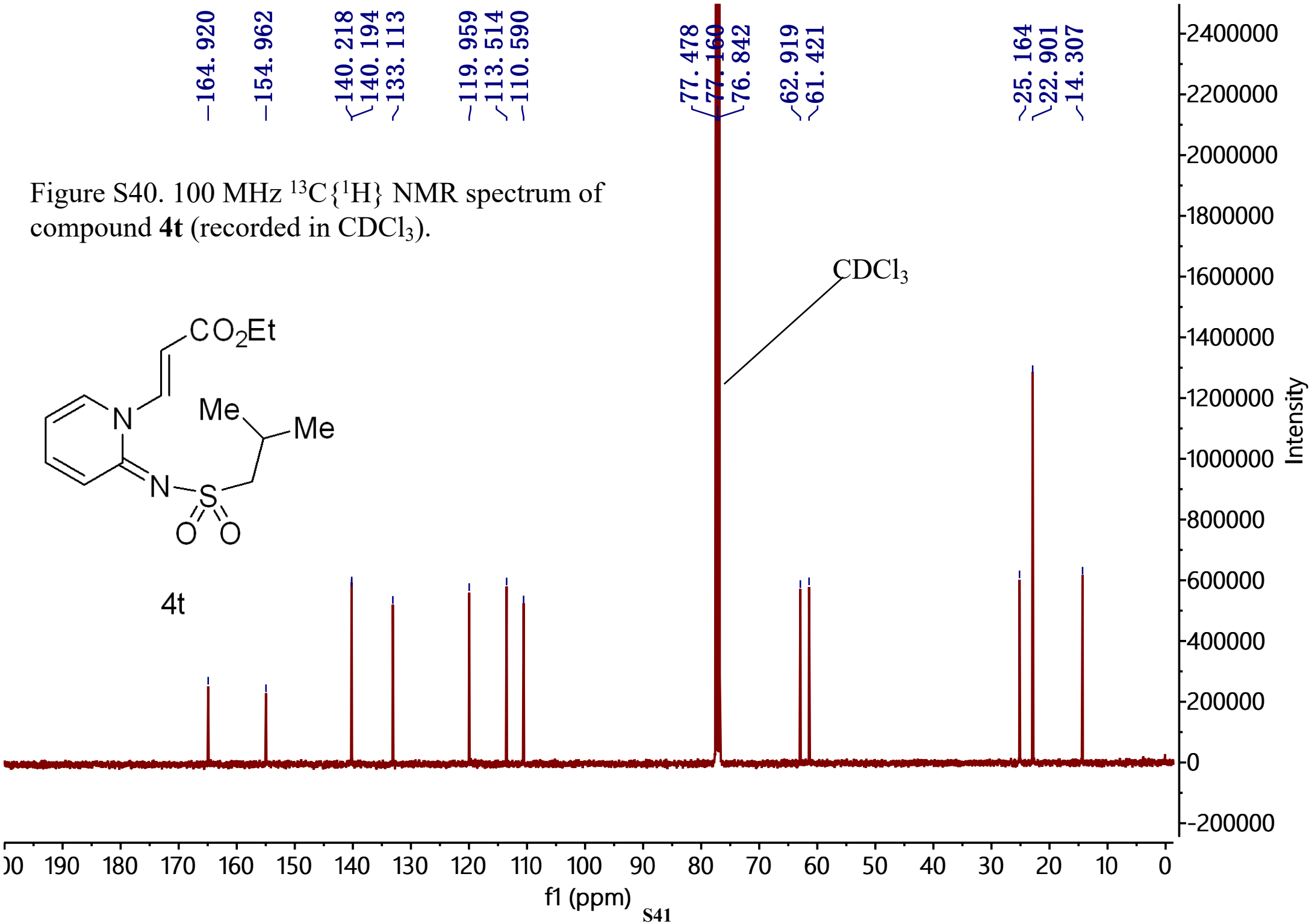


Figure S40. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4t** (recorded in $CDCl_3$).

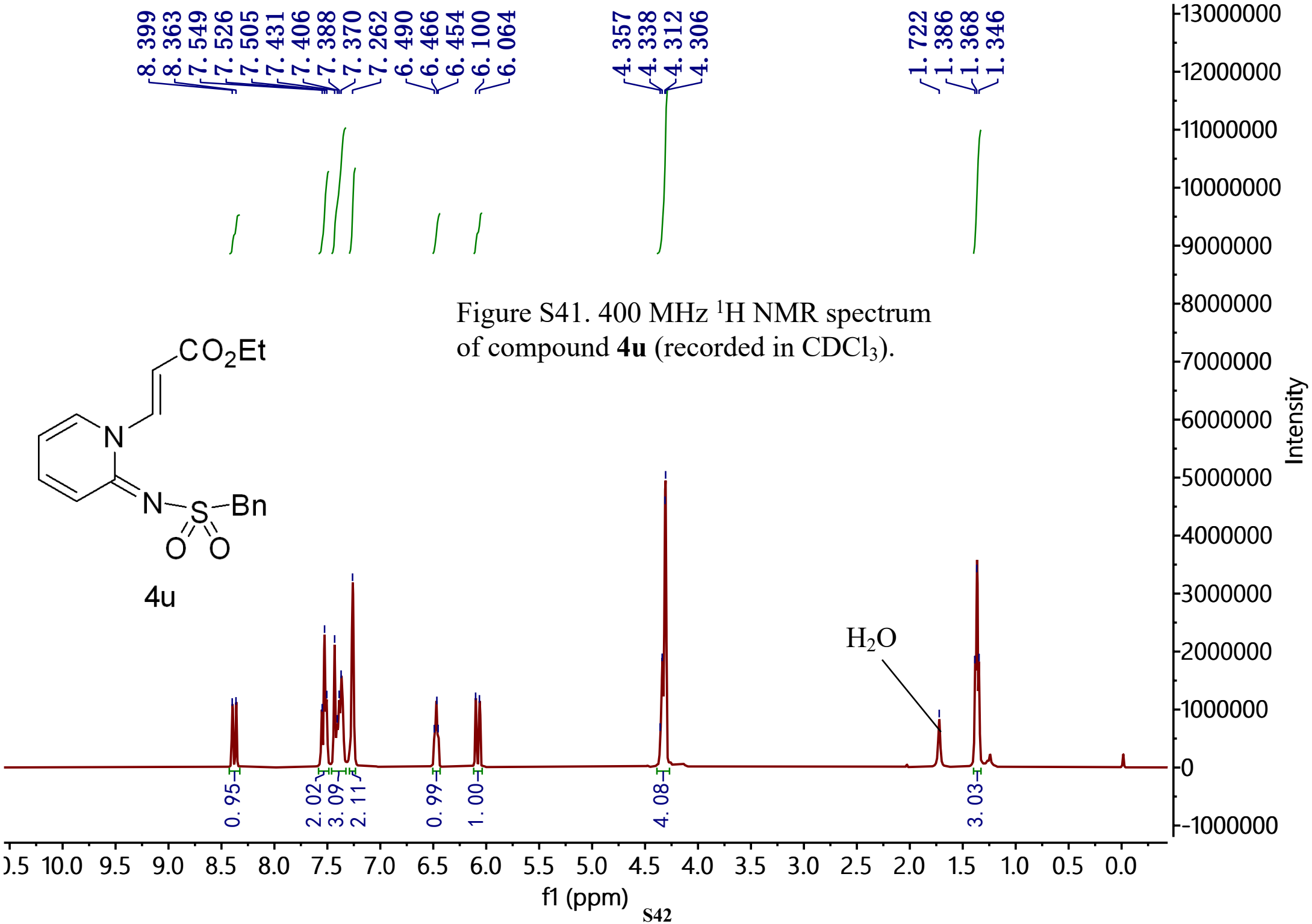


Figure S41. 400 MHz ^{1}H NMR spectrum of compound **4u** (recorded in $CDCl_3$).

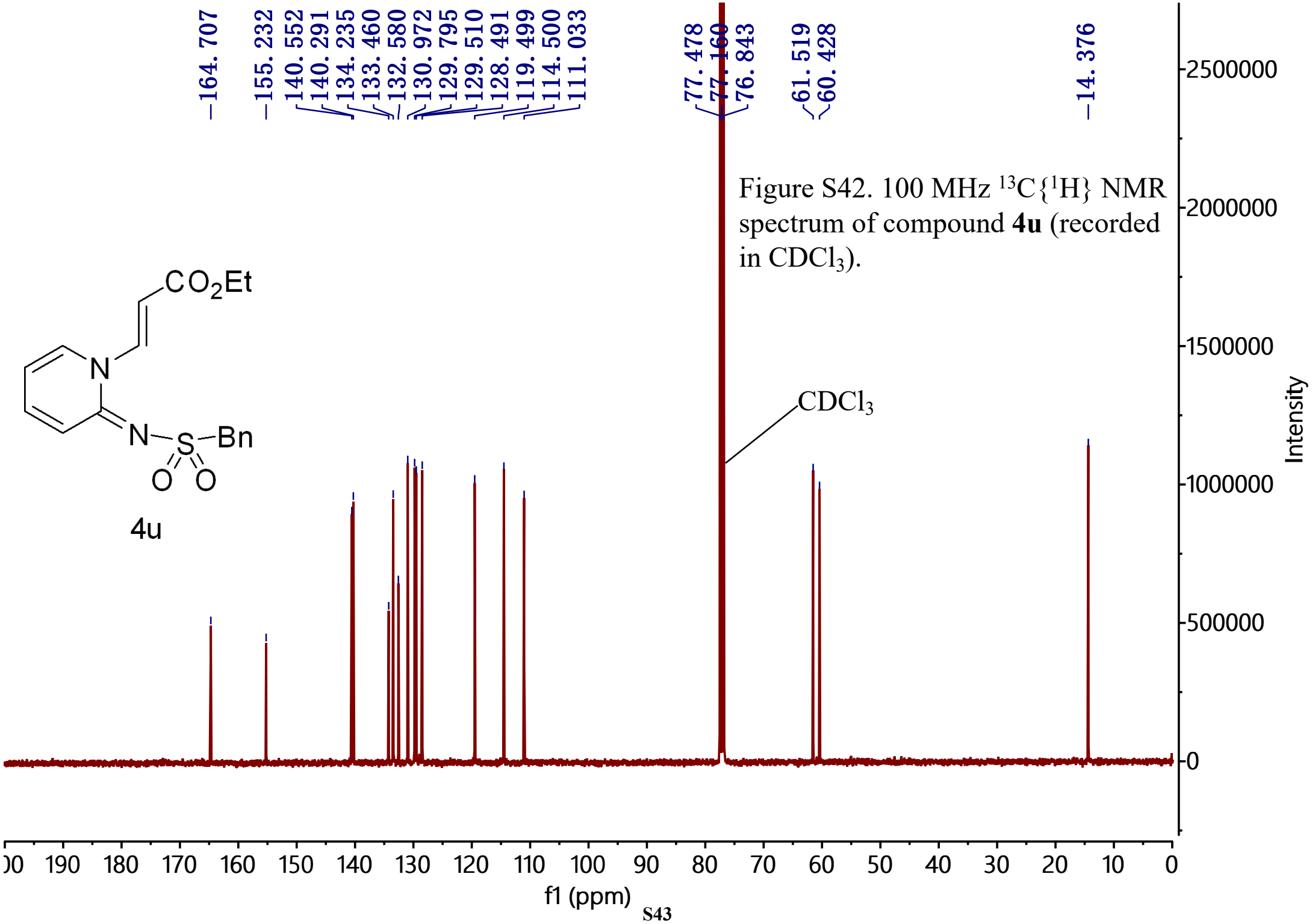


Figure S42. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4u** (recorded in $CDCl_3$).

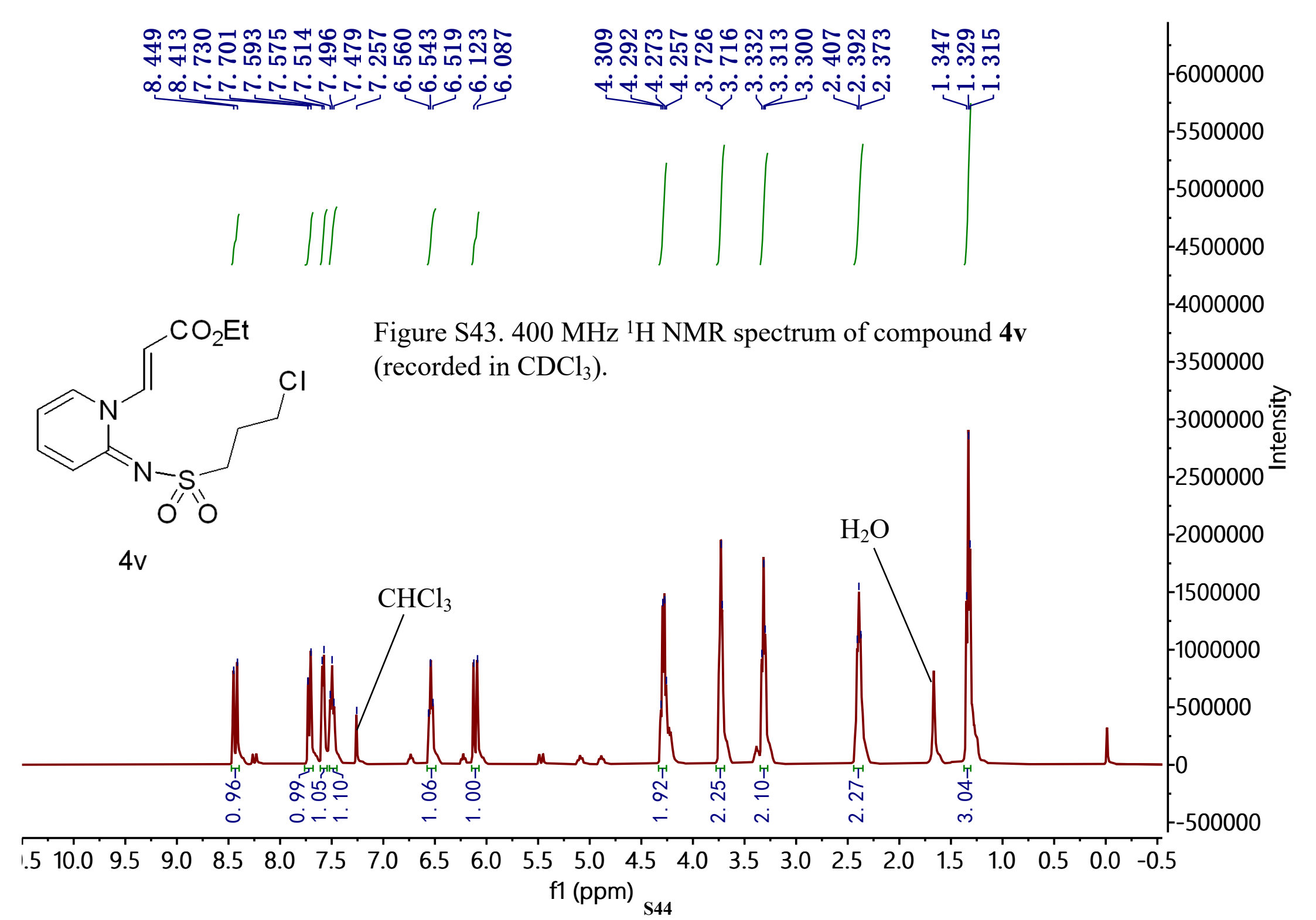


Figure S43. 400 MHz ^{1}H NMR spectrum of compound **4v** (recorded in $CDCl_3$).

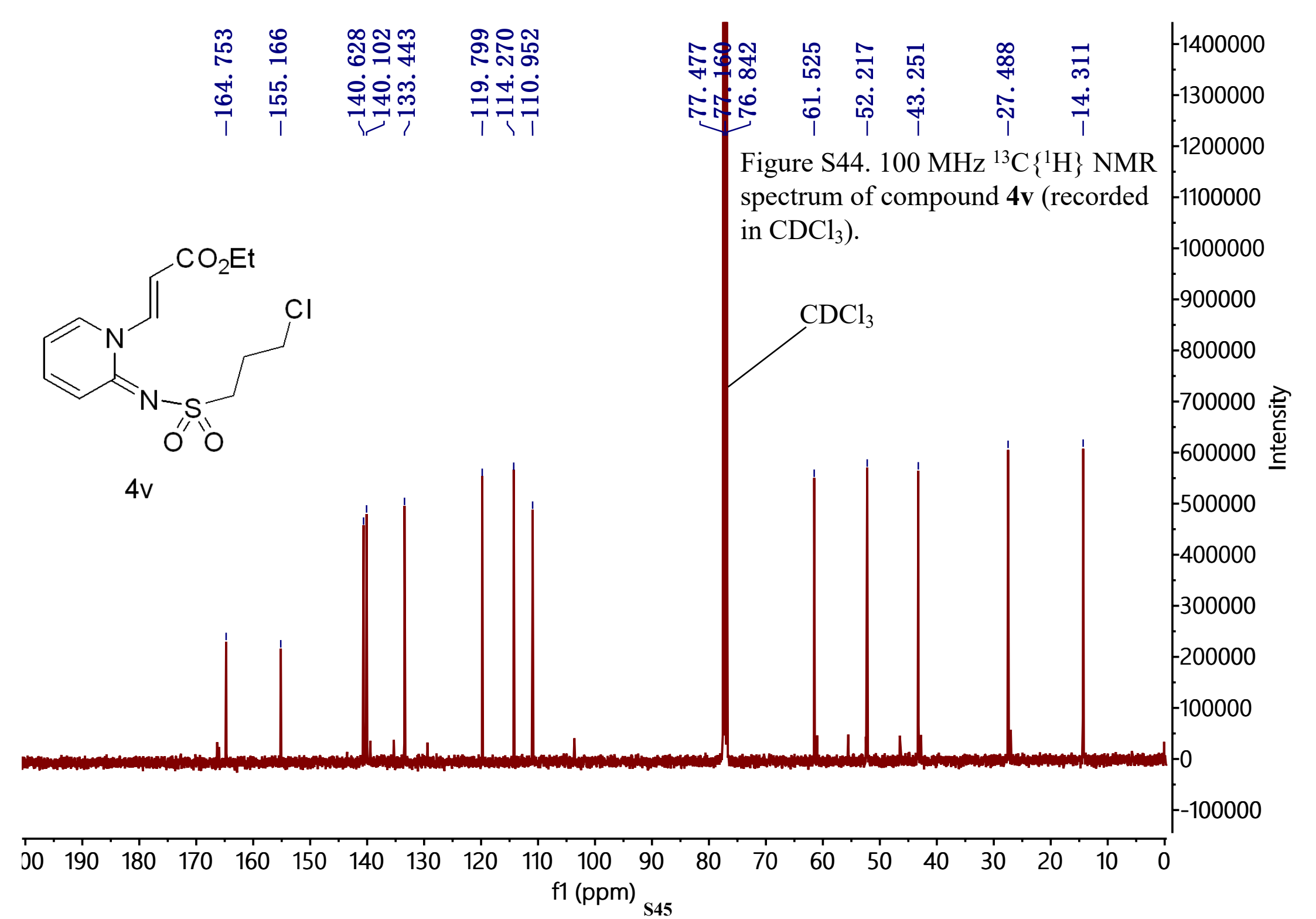


Figure S44. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4v** (recorded in $CDCl_3$).

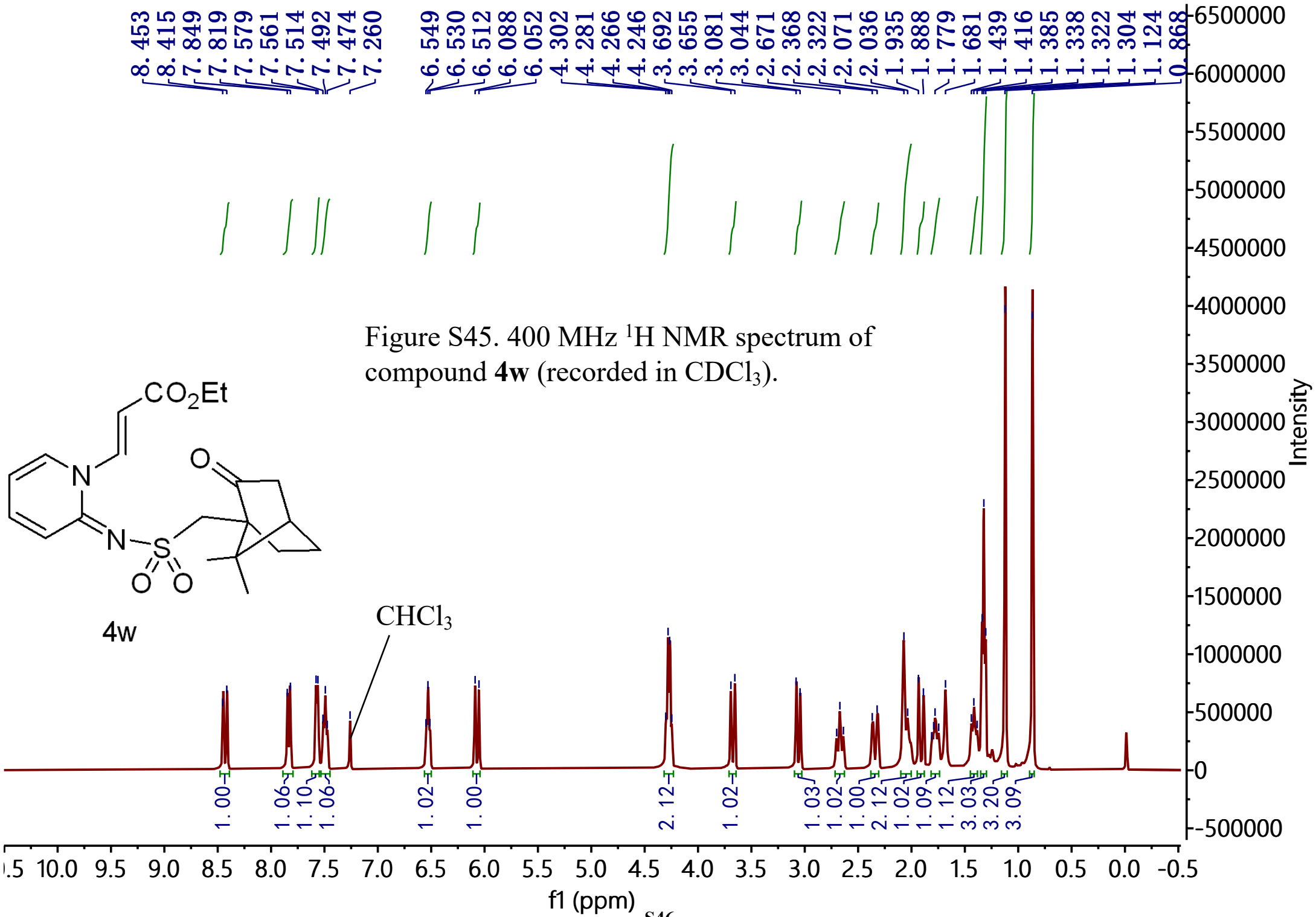


Figure S45. 400 MHz ^{1}H NMR spectrum of compound **4w** (recorded in $CDCl_3$).

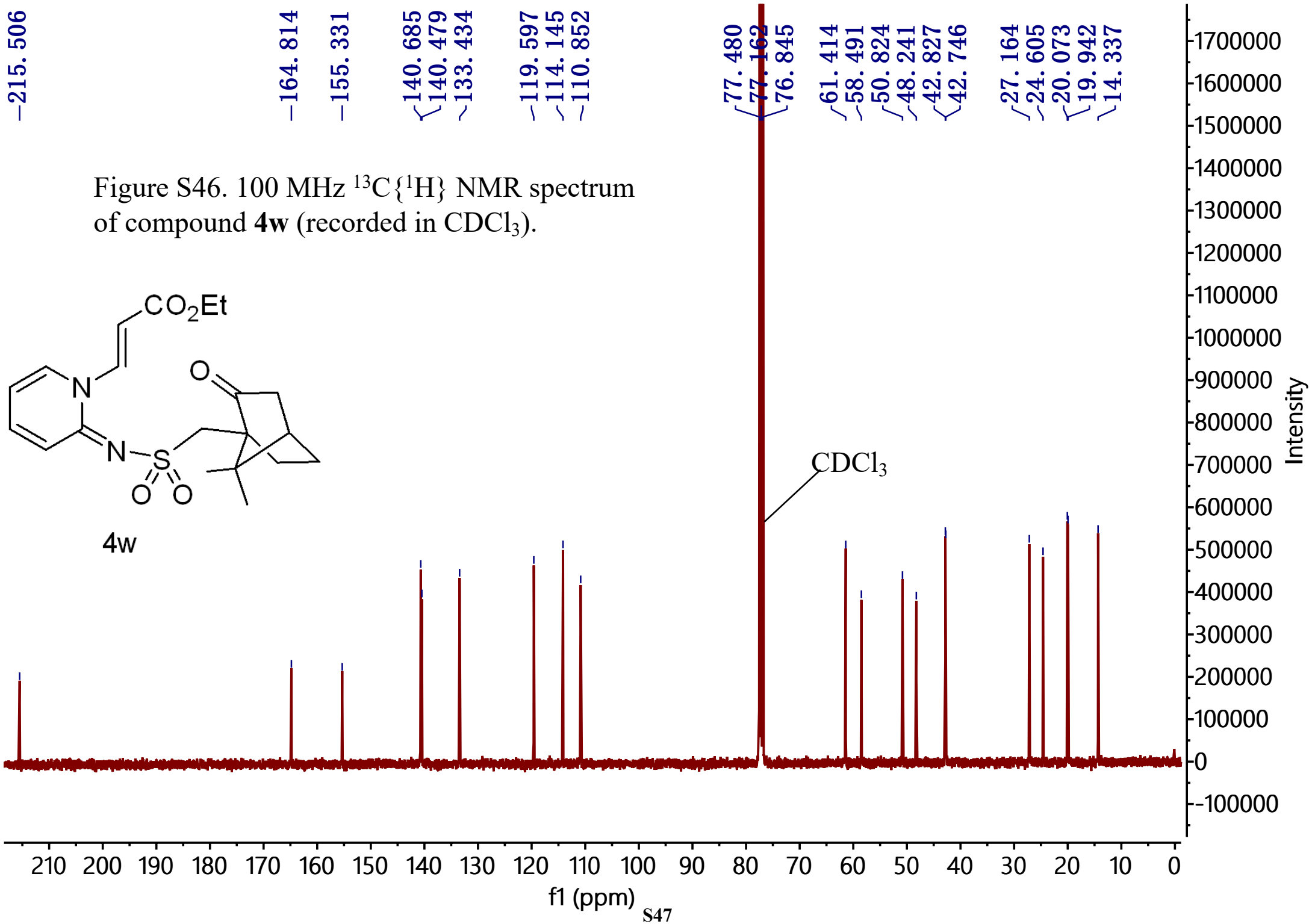


Figure S46. 100 MHz $^{13}C\{^{1}H\}$ NMR spectrum of compound **4w** (recorded in $CDCl_3$).

4w