

Supplementary Materials

Design and Synthesis in Silico Drug-Like Prediction and Pharmacological Evaluation of Cyclopolymethylenic Homologous of LASSBio-1514.

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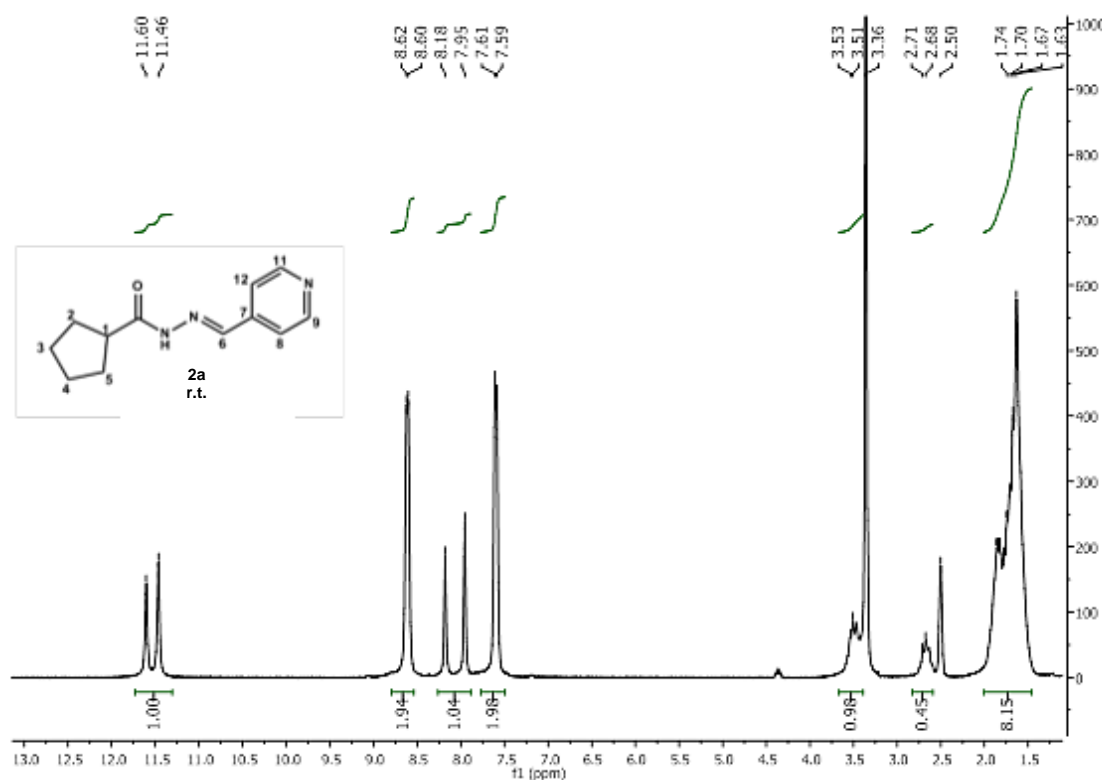


Figure S1. ¹H NMR spectrum of **2a** (DMSO-d₆, 200 MHz).

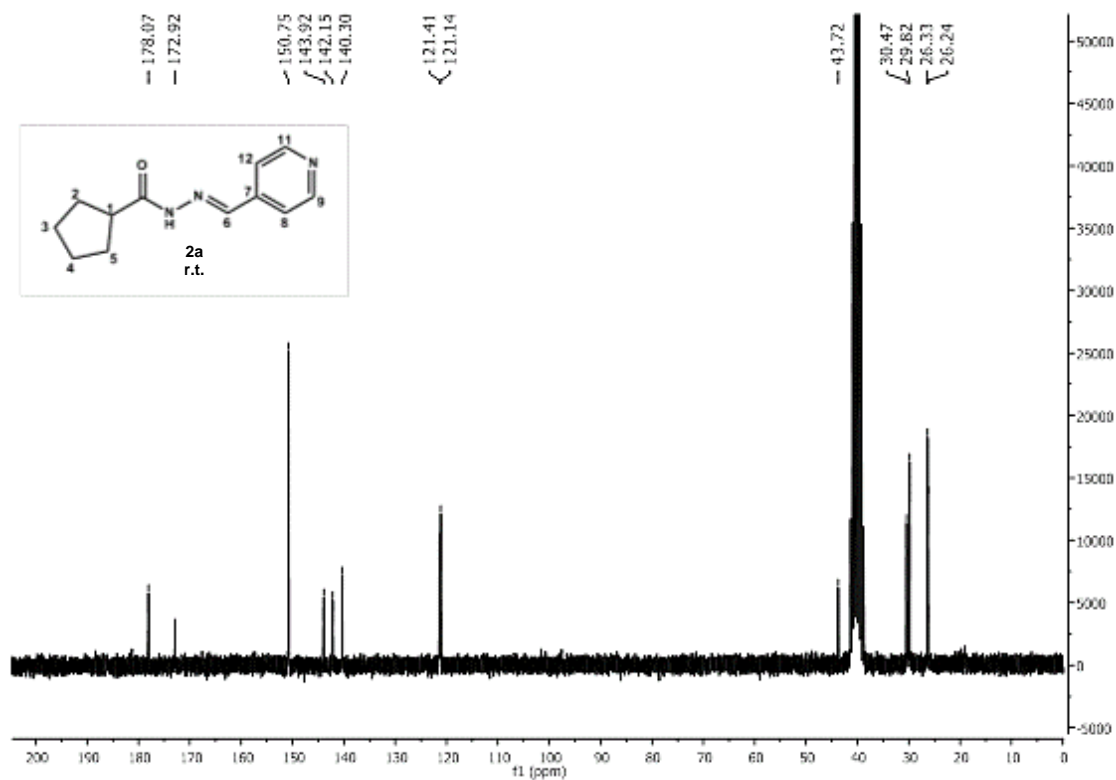


Figure S2. ¹³C NMR spectrum of **2a** (DMSO-d₆, 50 MHz).

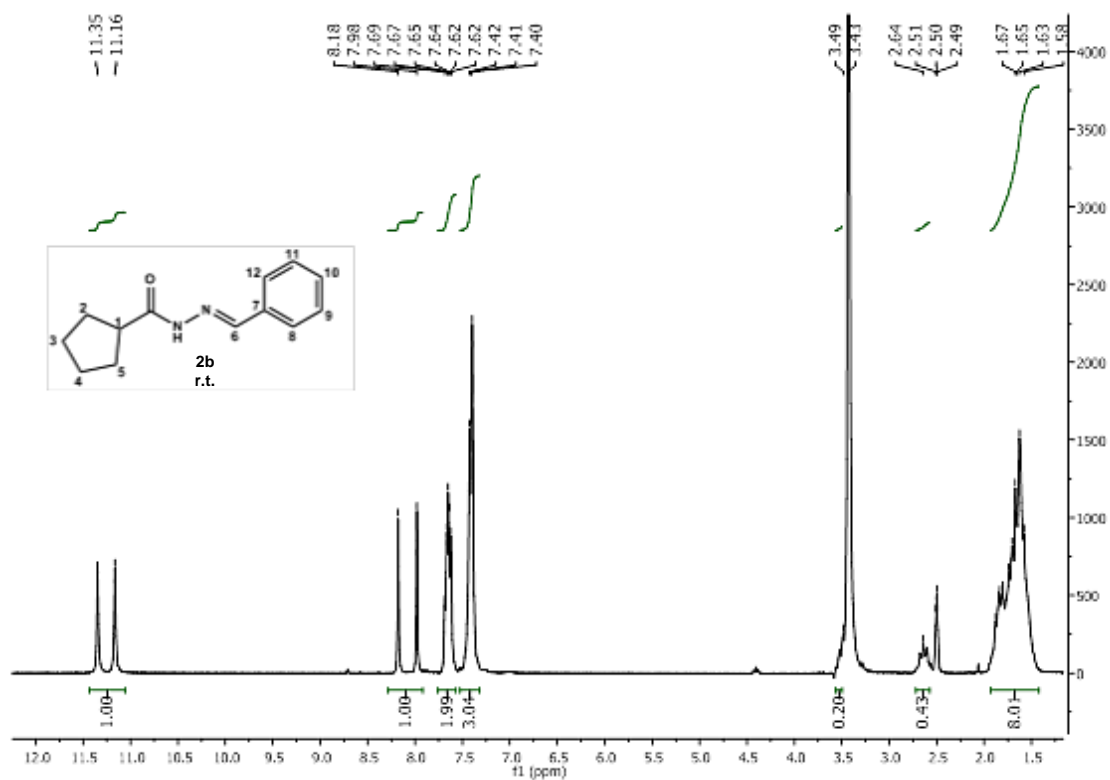


Figure S3. ¹H NMR spectrum of **2b** (DMSO-d₆, 200 MHz).

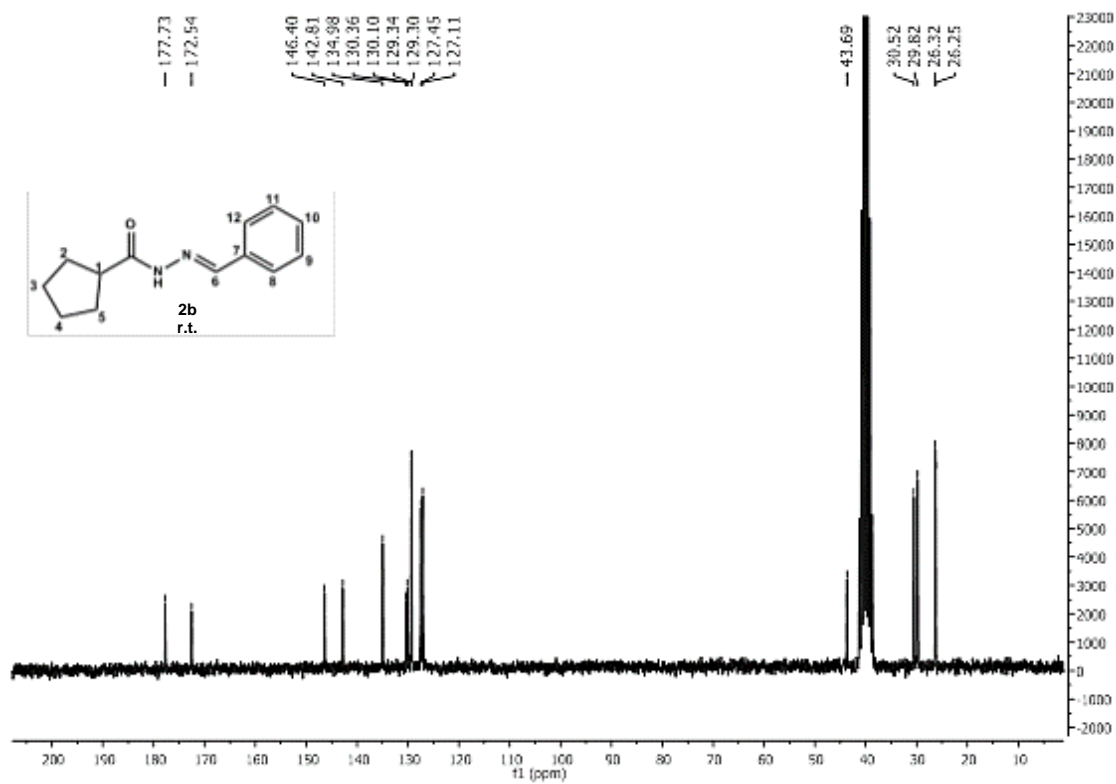


Figure S4. ¹³C NMR spectrum of **2b** (DMSO-d₆, 50 MHz).

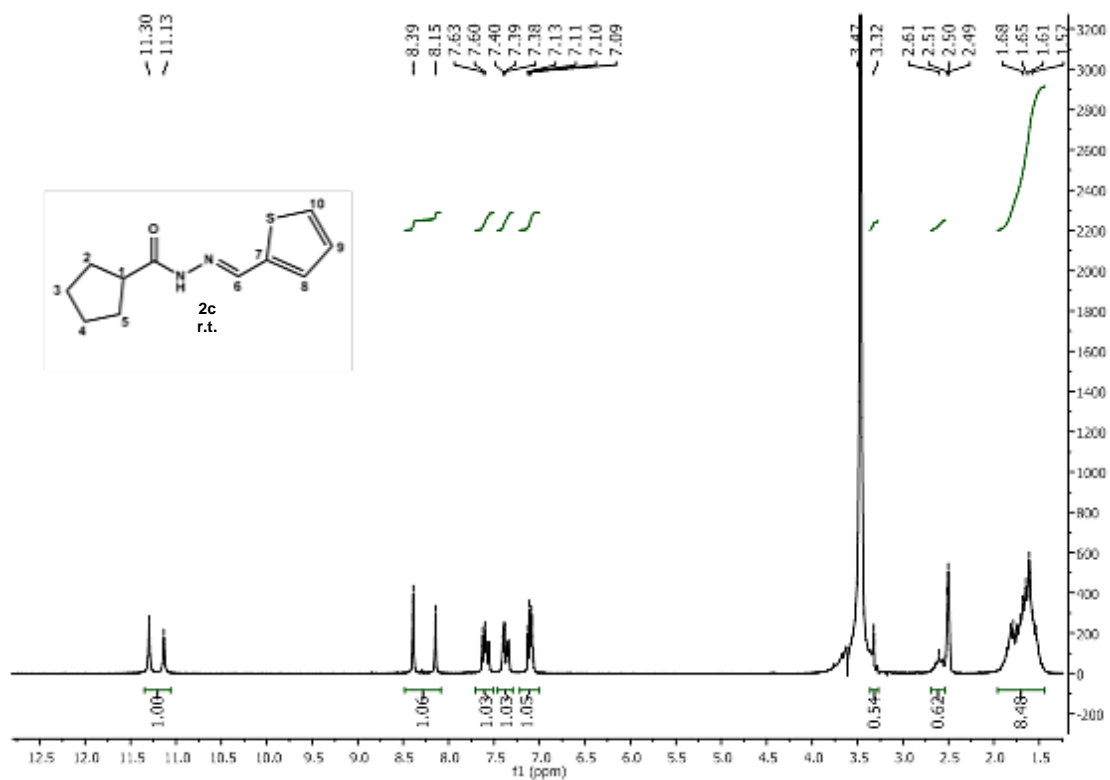


Figure S5. ¹H NMR spectrum of **2c** (DMSO-d₆, 200 MHz).

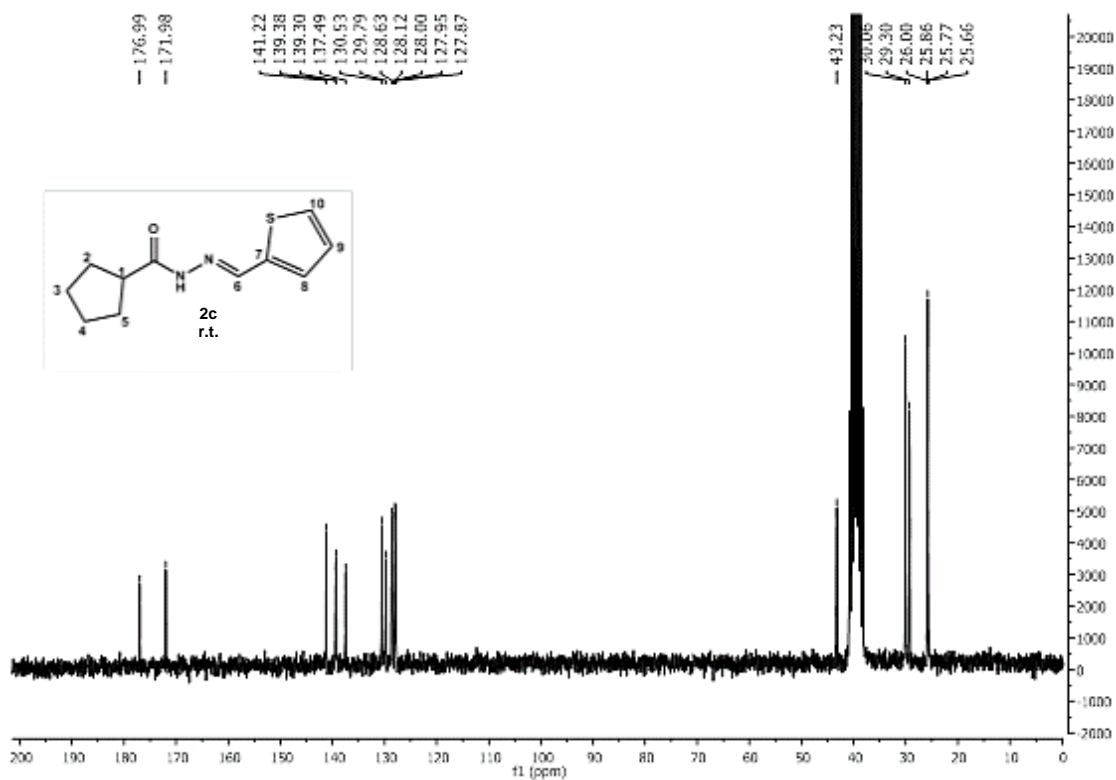


Figure S6. ^{13}C NMR spectrum of **2c** (DMSO- d_6 , 50 MHz).

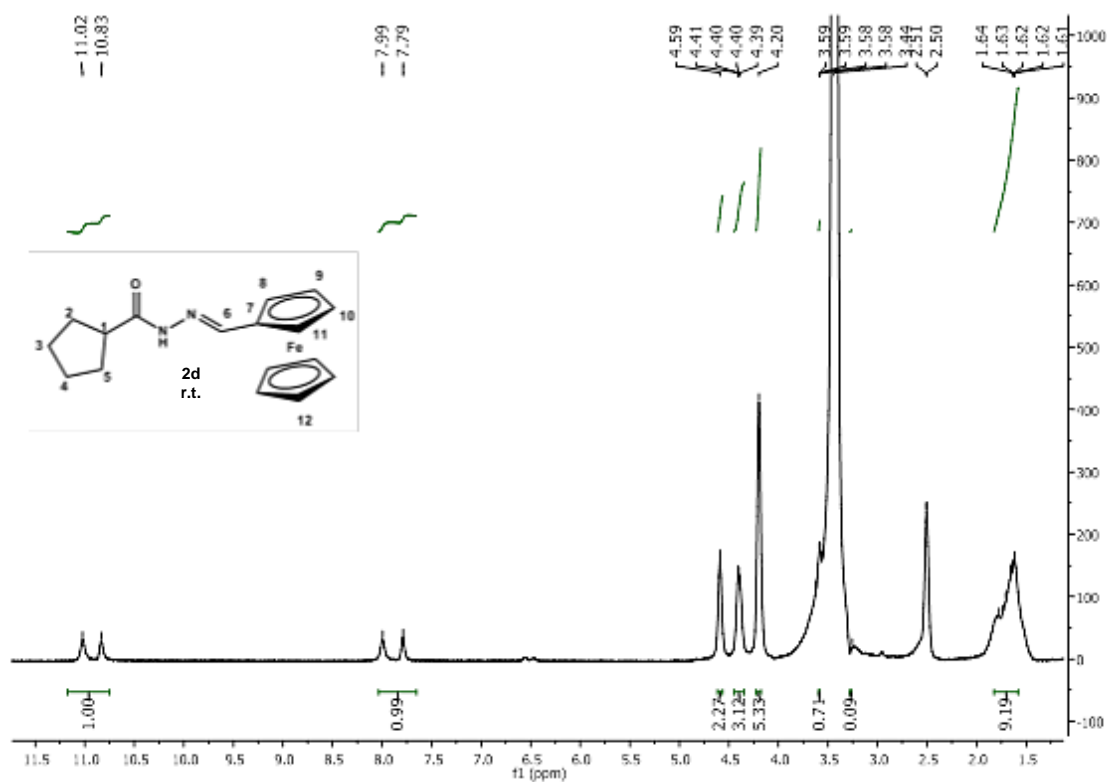


Figure S7. ^1H NMR spectrum of **2d** (DMSO- d_6 , 200 MHz).

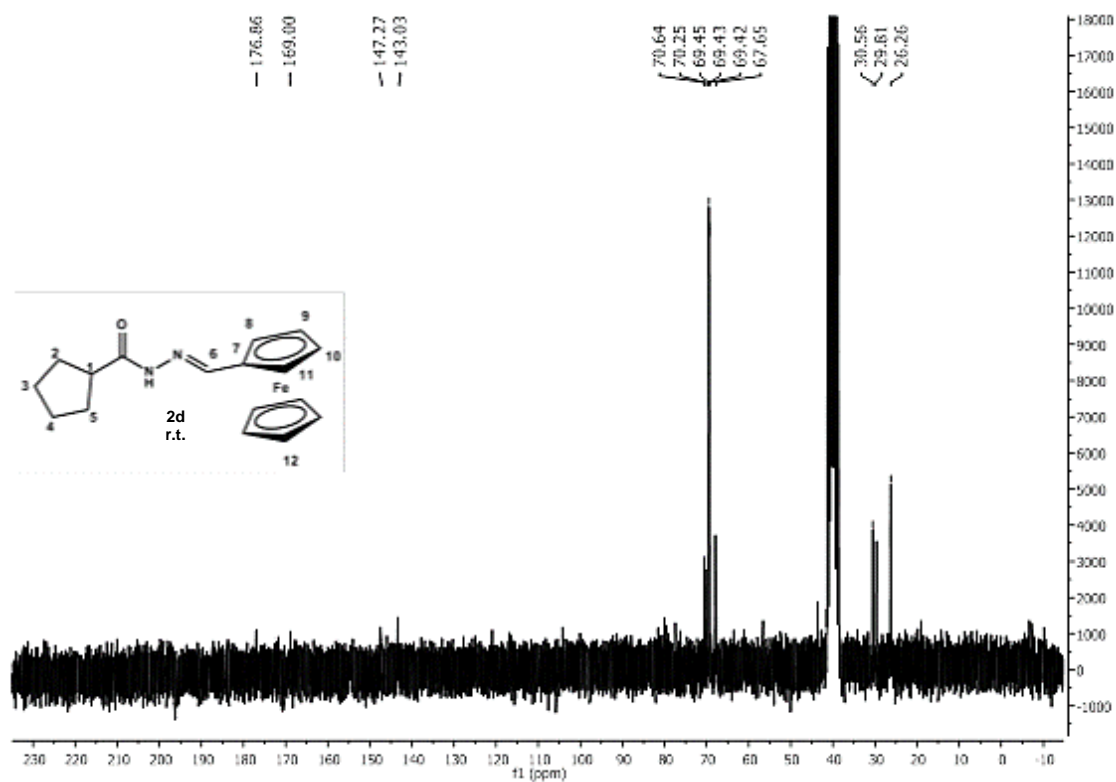


Figure S8. ¹³C NMR spectrum of **2d** (DMSO-d₆, 50 MHz).

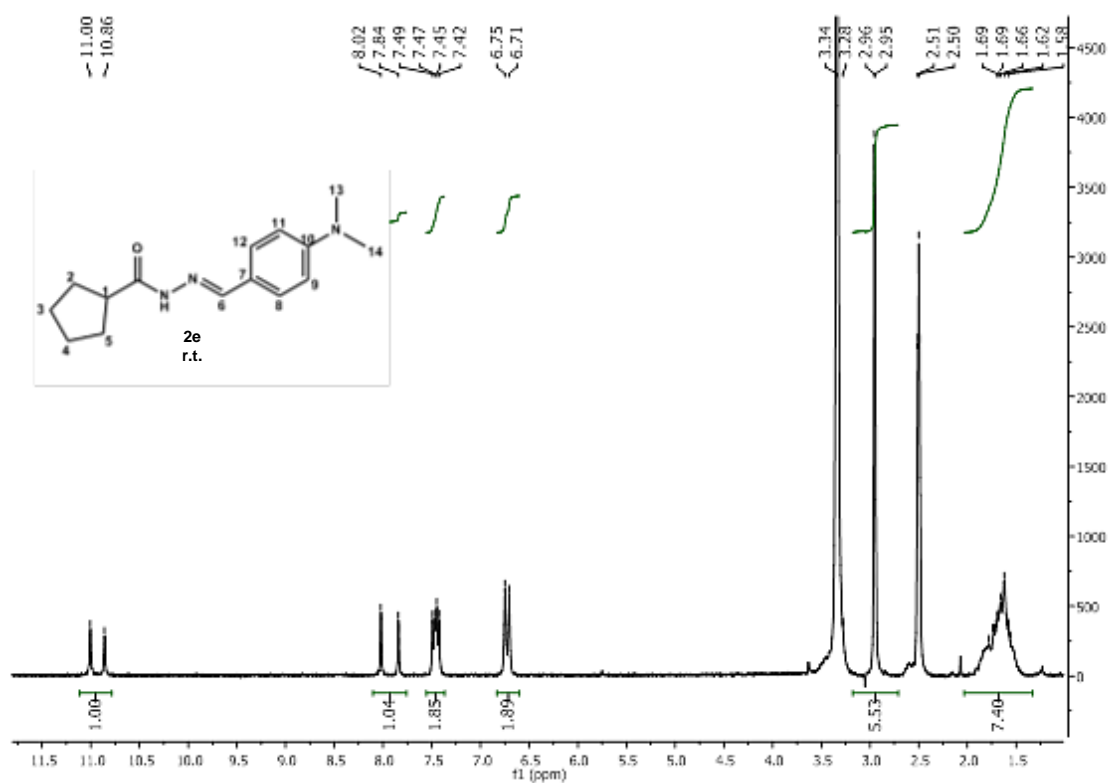


Figure S9. ¹H NMR spectrum of **2e** (DMSO-d₆, 200 MHz).

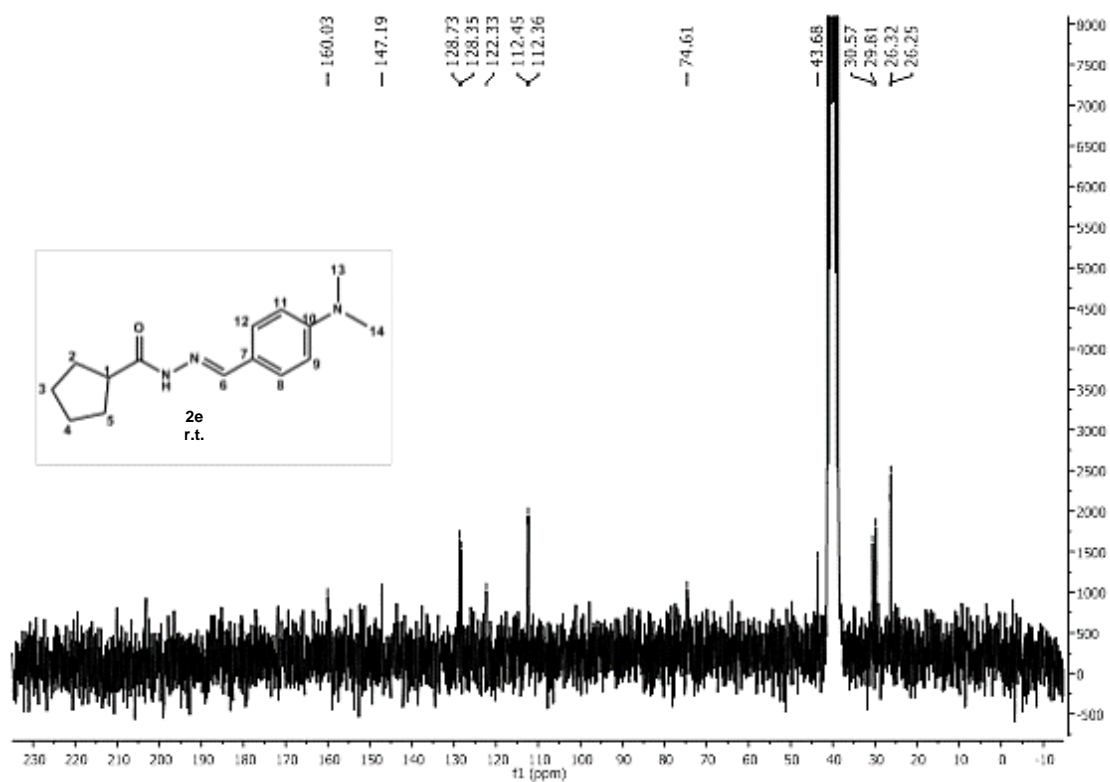


Figure S10. ¹³C NMR spectrum of **2e** (CDCl₃, 50 MHz).

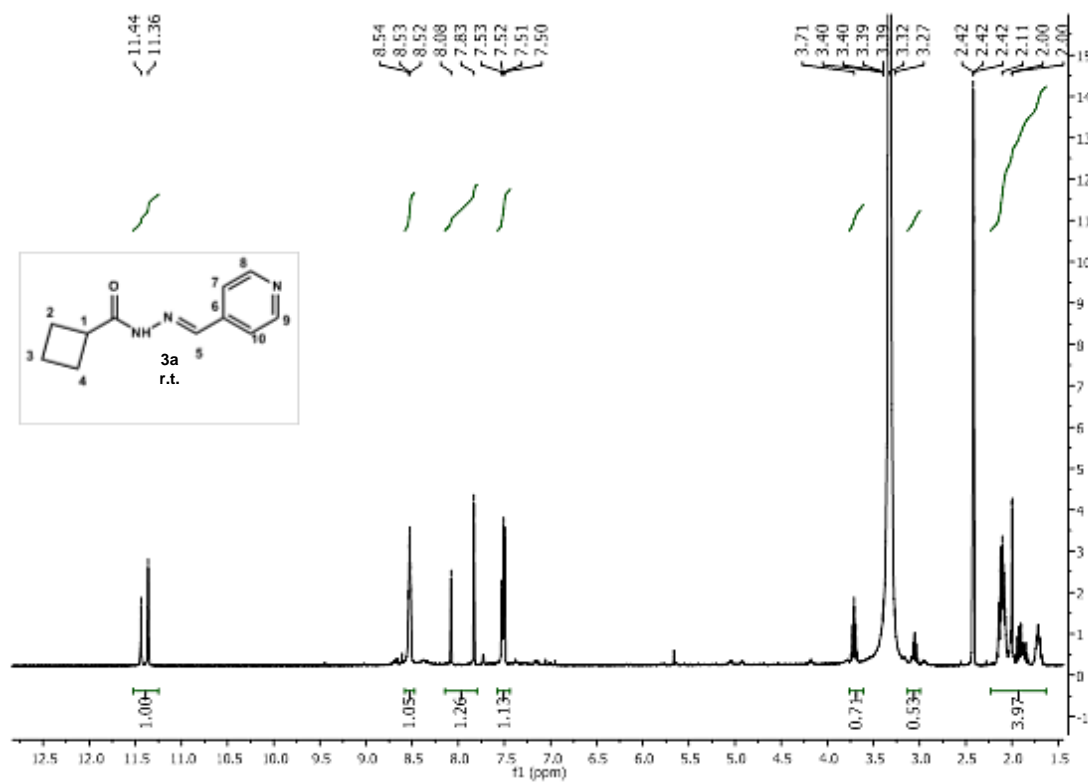


Figure S11. ¹H NMR spectrum of **3a** (DMSO-d₆, 200 MHz).

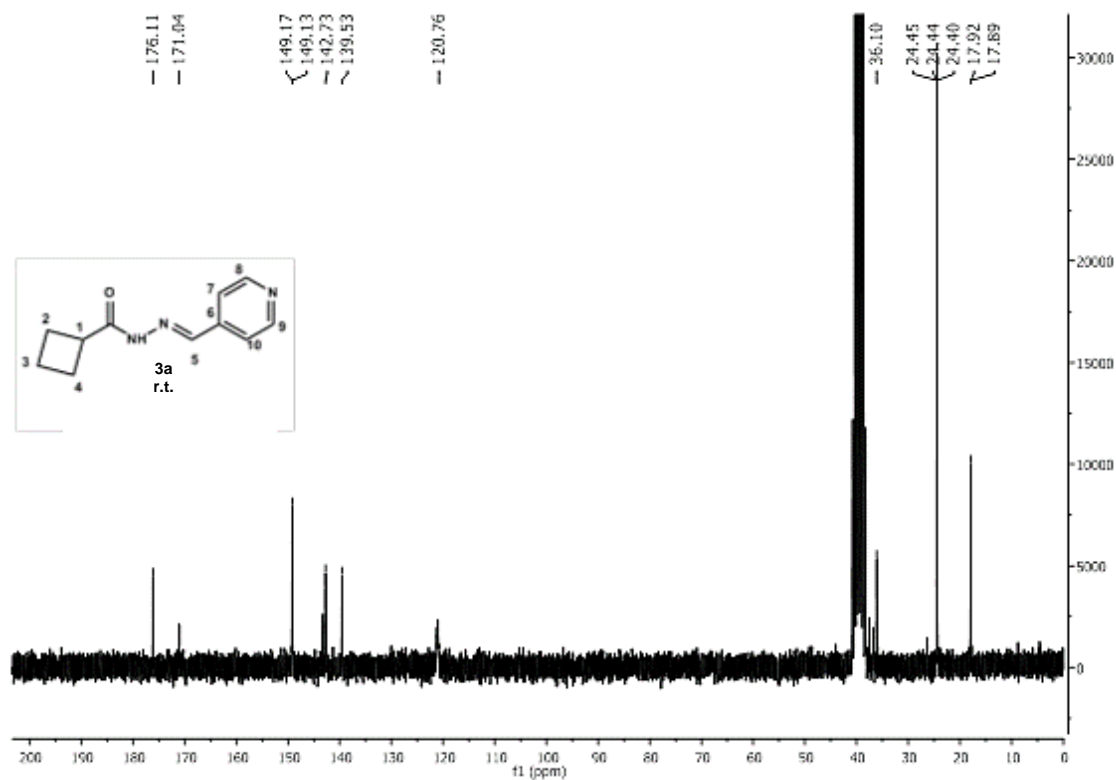


Figure S12. ¹³C NMR spectrum of **3a** (DMSO-d₆, 50 MHz).

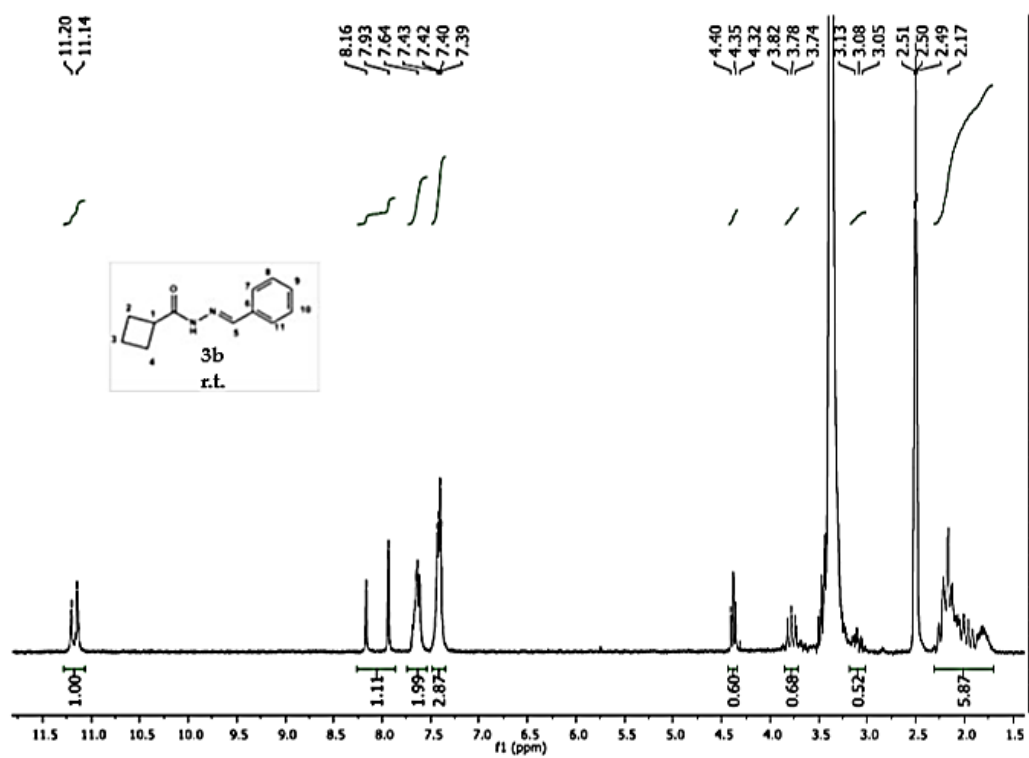


Figure S13. ¹H NMR spectrum of **3b** (DMSO-d₆, 400 MHz).

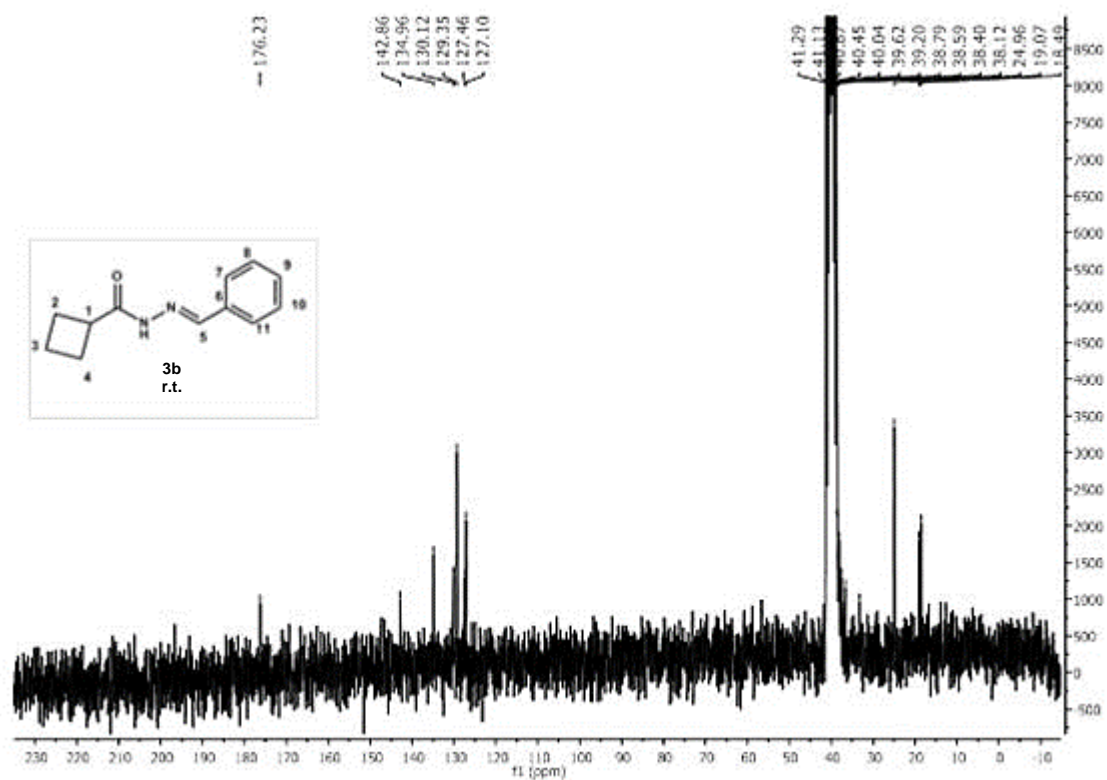


Figure S14. ^{13}C NMR spectrum of **3b** (DMSO- d_6 , 50 MHz).

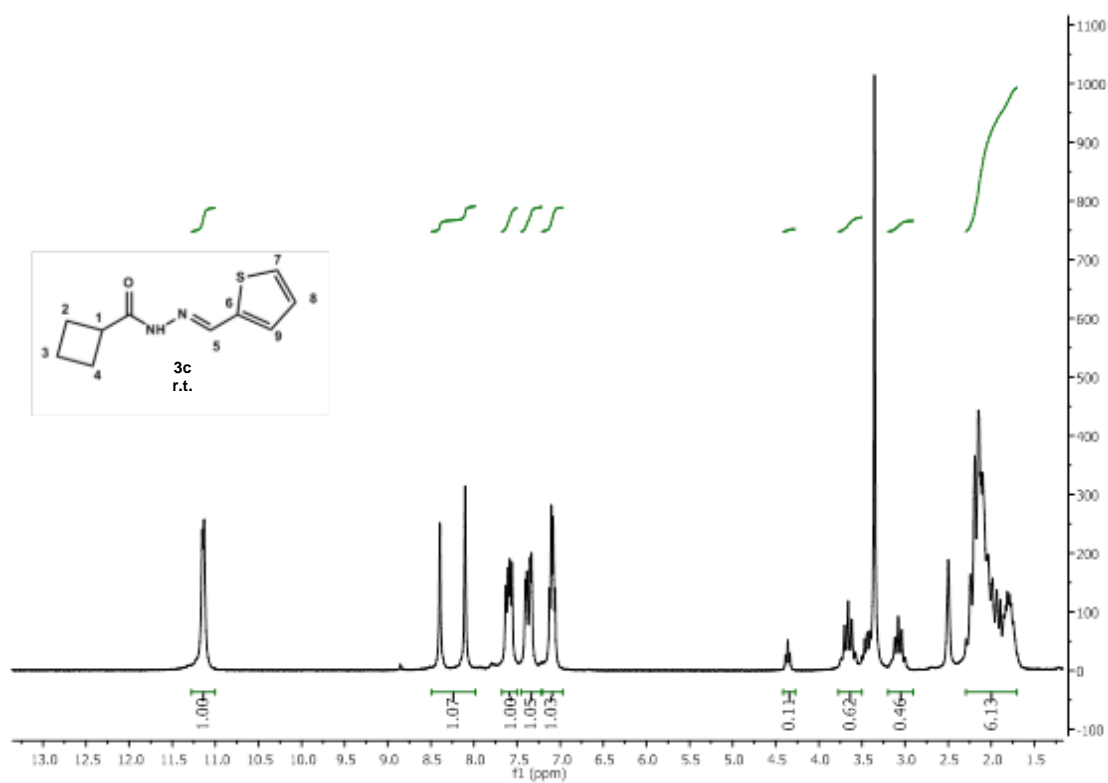


Figure S15. ^1H NMR spectrum of **3c** (DMSO- d_6 , 200 MHz).

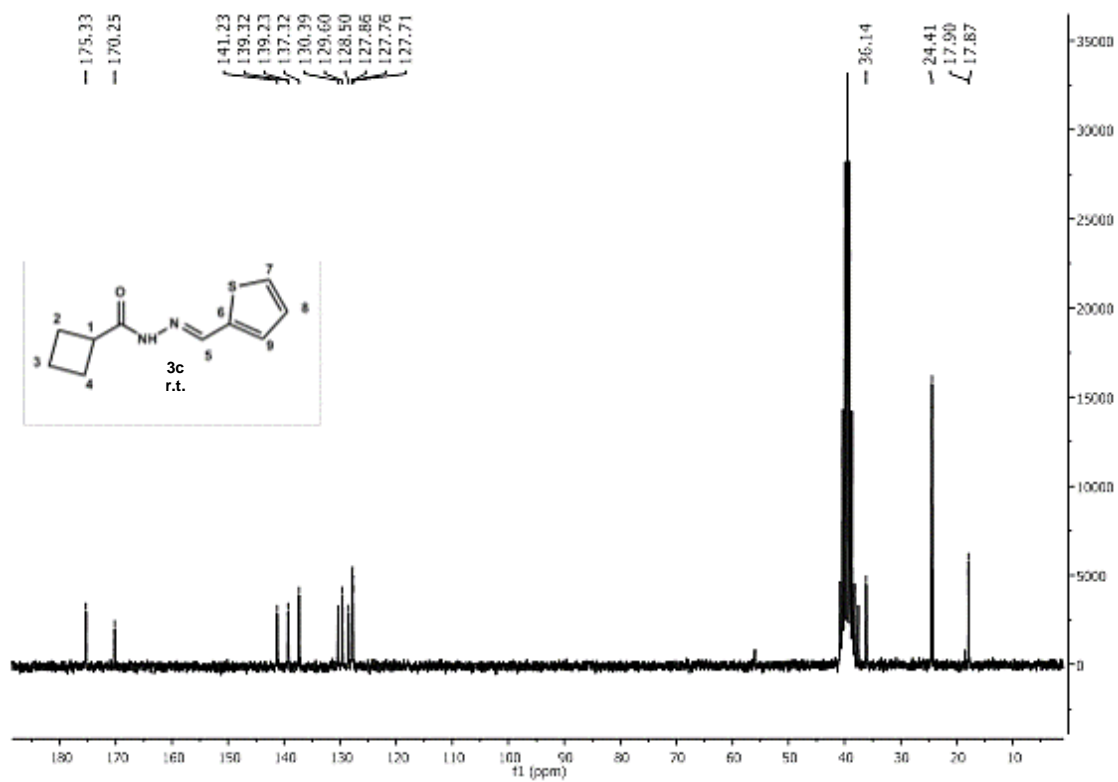


Figure S16. ^{13}C NMR spectrum of **3c** (DMSO- d_6 , 50 MHz).

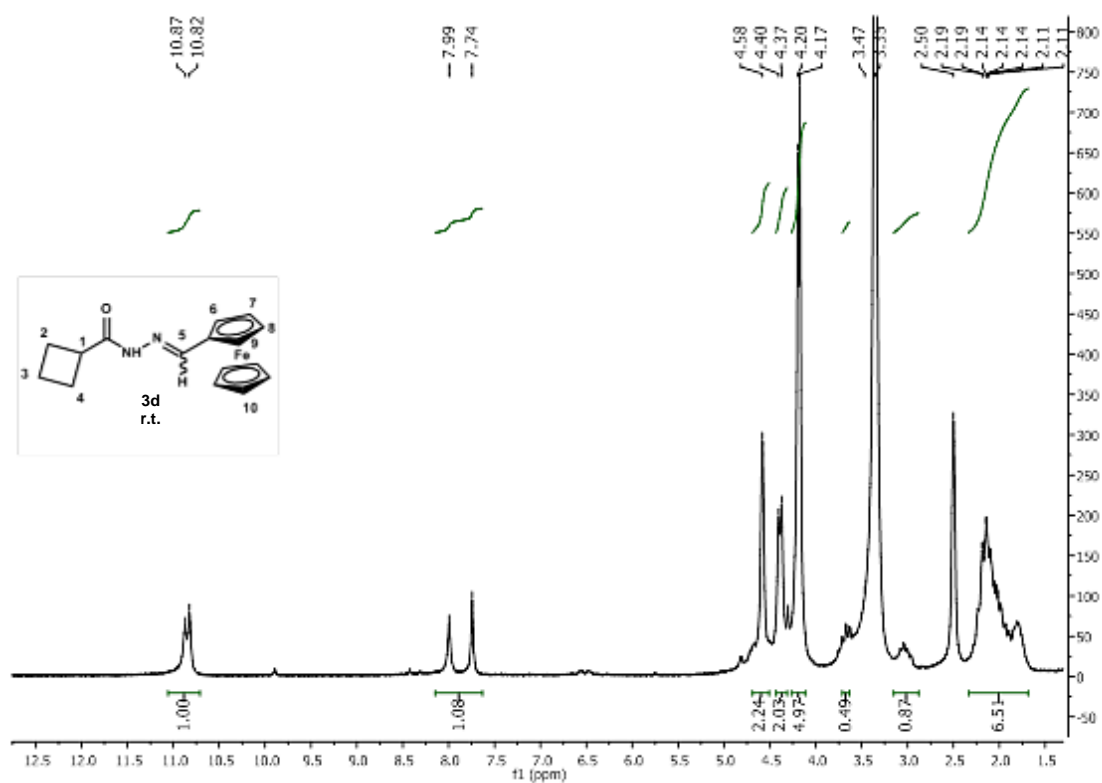


Figure S17. ^1H NMR spectrum of **3d** (DMSO- d_6 , 200 MHz).

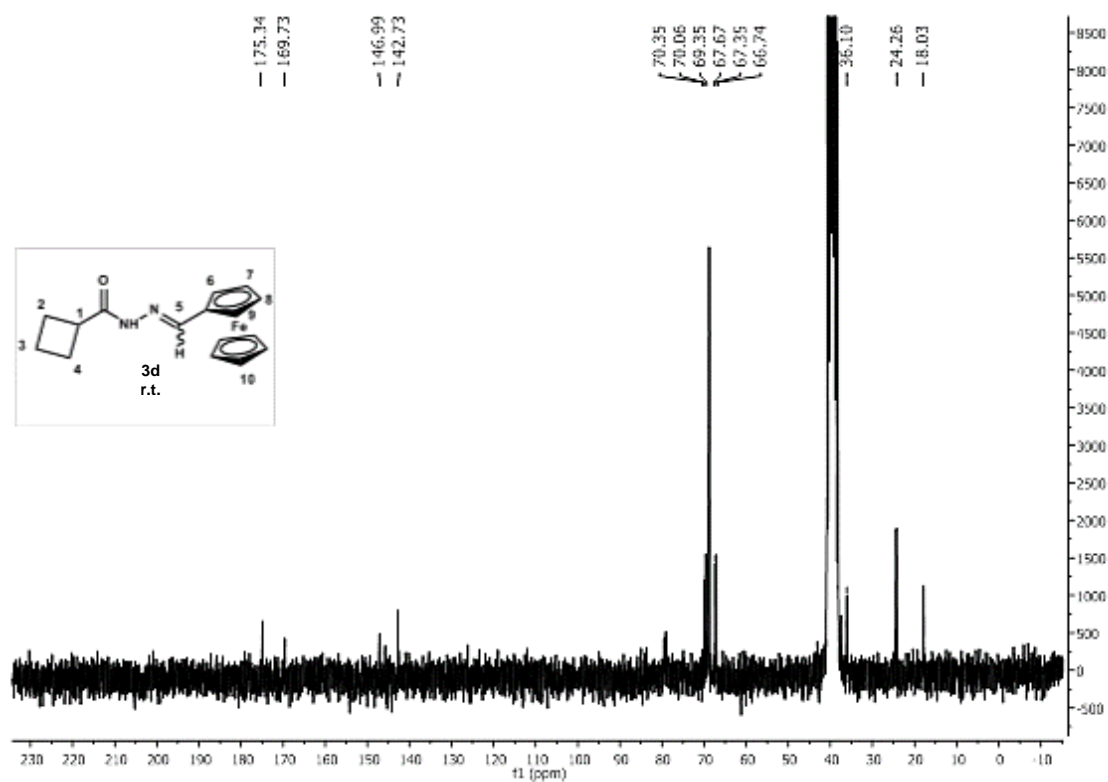


Figure S18. ¹³C NMR spectrum of **3d** (DMSO-d₆, 50 MHz).

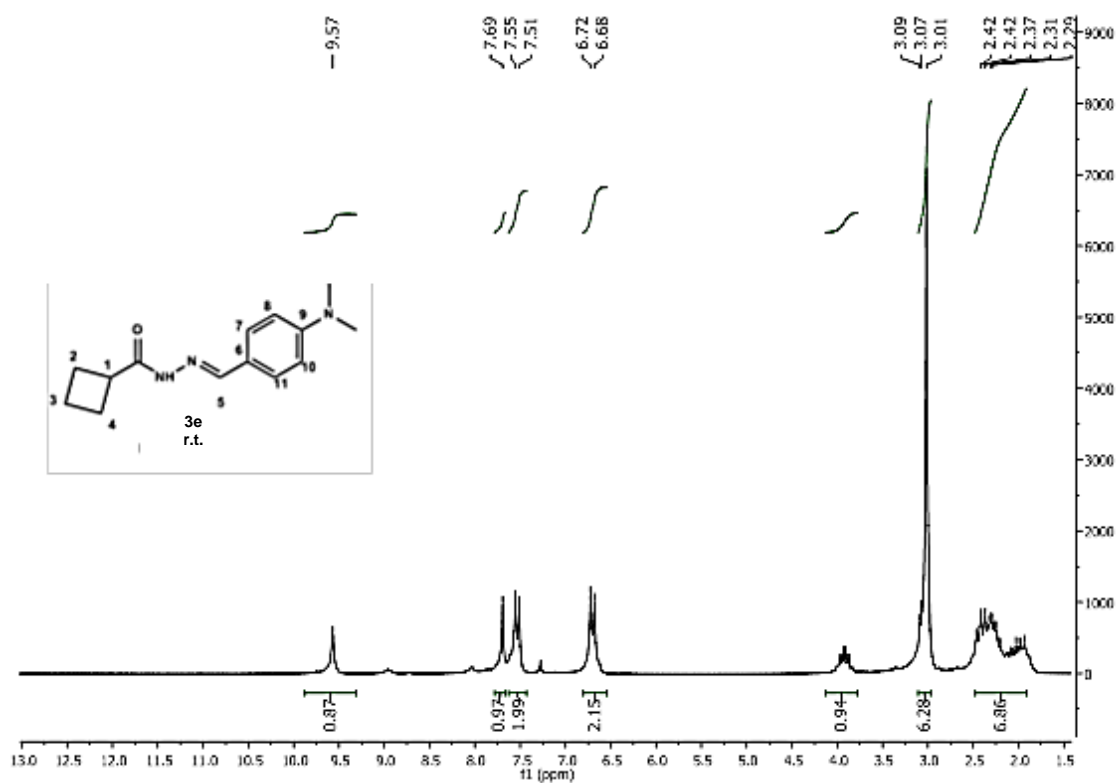


Figure S19. ¹H NMR spectrum of **3e** (CDCl₃, 200 MHz).

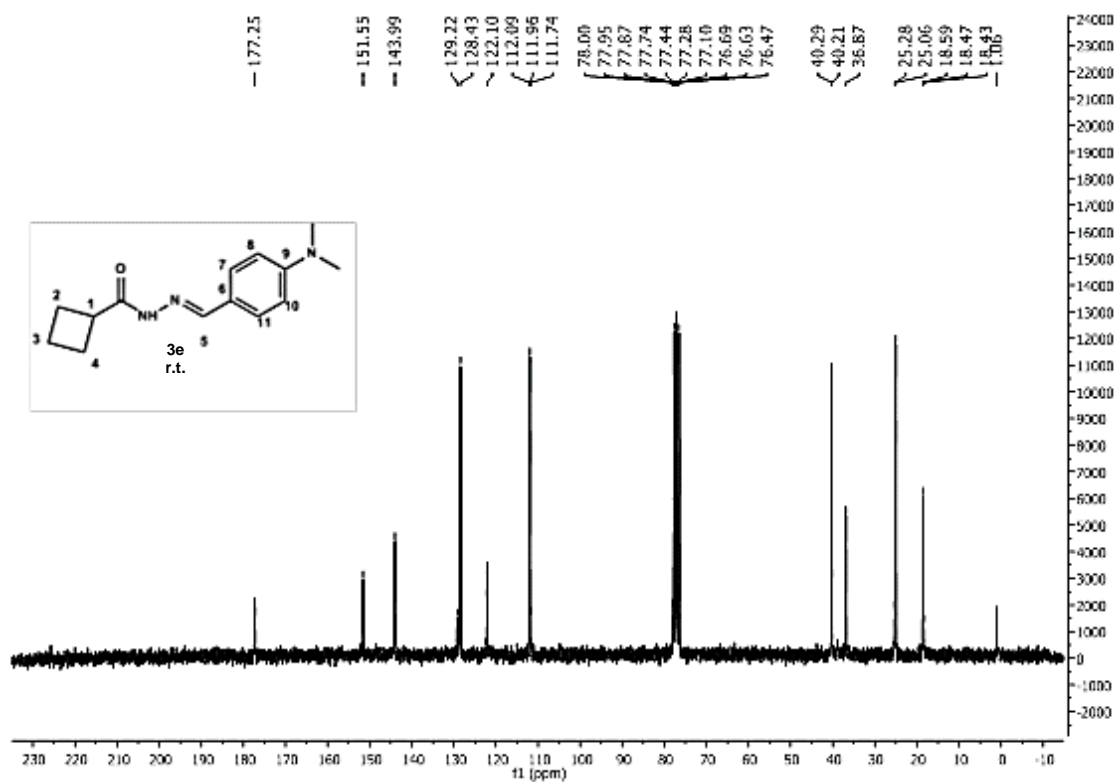


Figure S20. ^{13}C NMR spectrum of **3e** (CDCl_3 , 50 MHz).

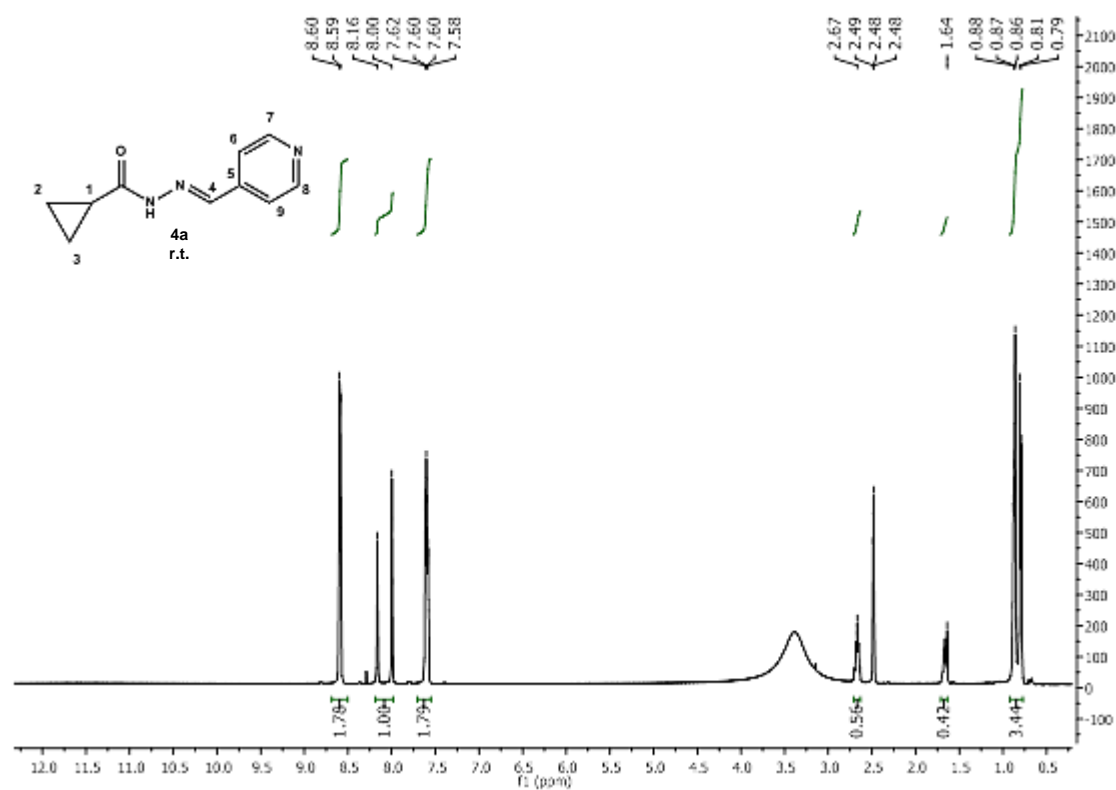


Figure S21. ^1H NMR spectrum of **4a** ($\text{DMSO}-d_6$, 200 MHz).

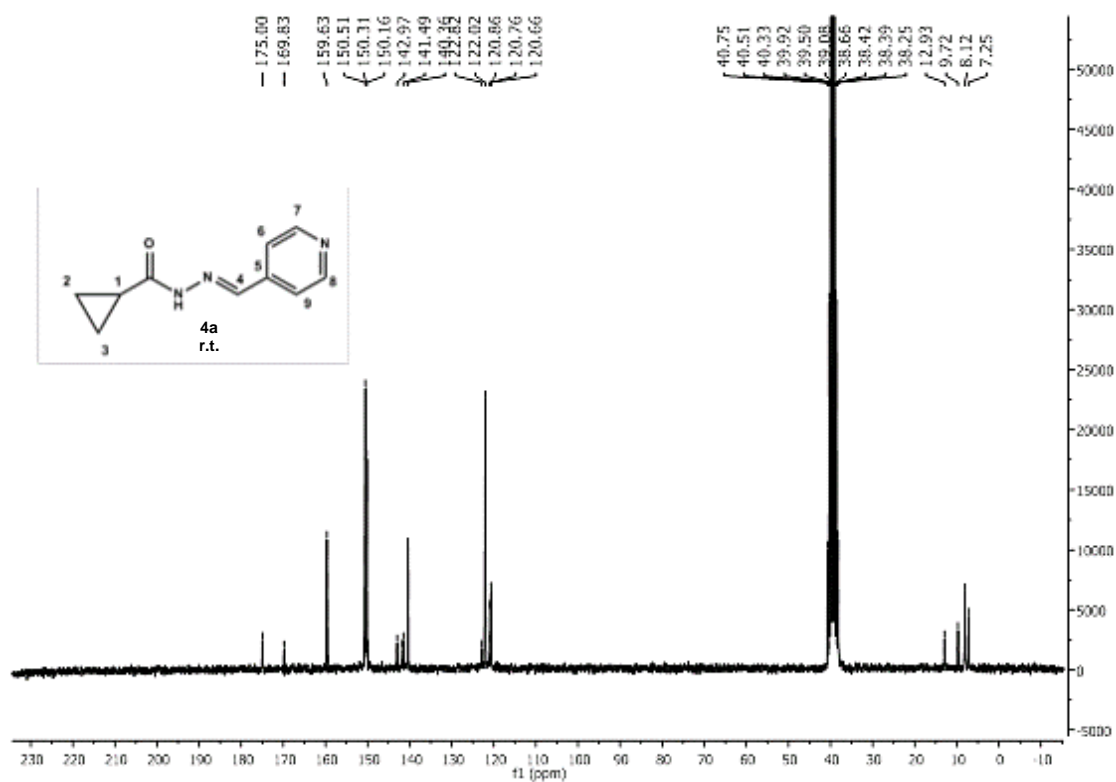


Figure S22. ^{13}C NMR spectrum of **4a** (DMSO- d_6 , 50 MHz).

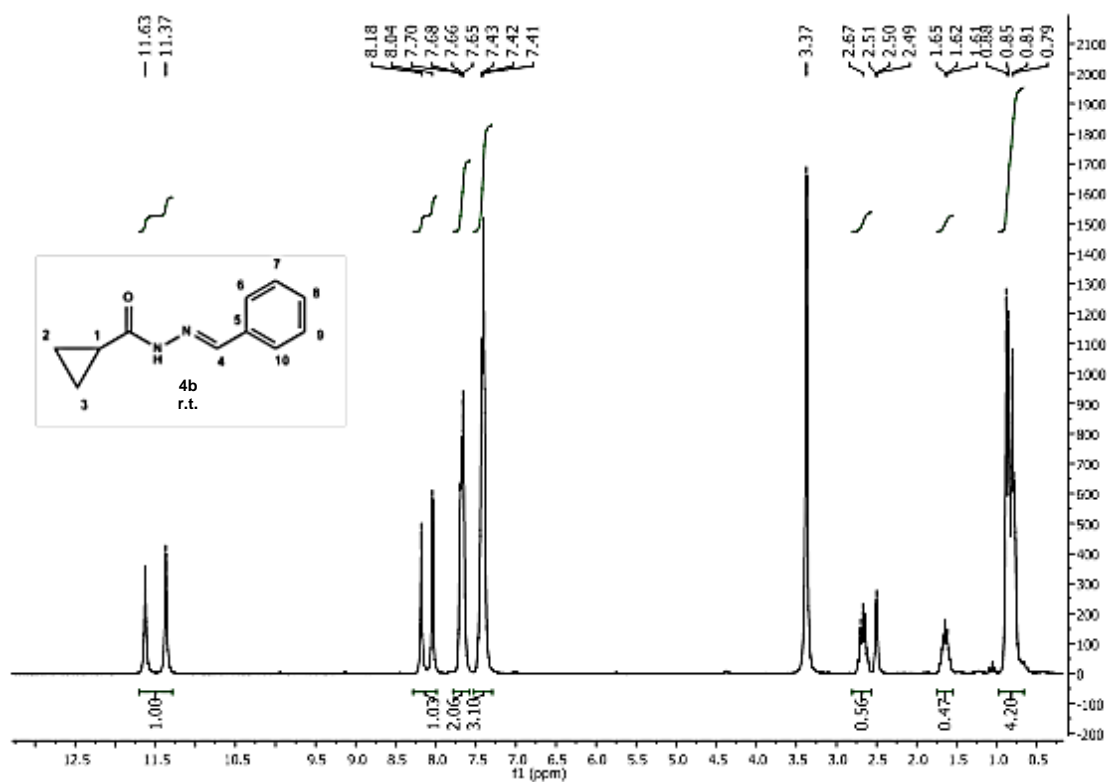


Figure S23. ^1H NMR spectrum of **4b** (DMSO- d_6 , 200 MHz).

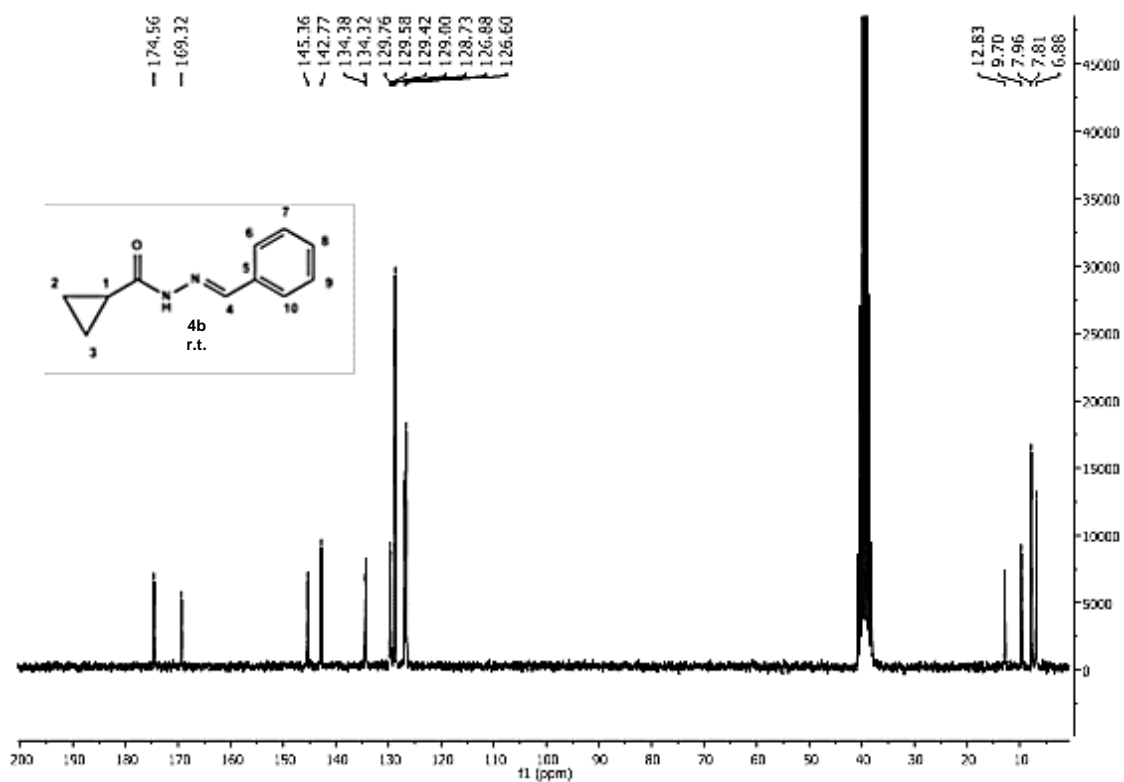


Figure S24. ¹³C NMR spectrum of **4b** (DMSO-d₆, 50 MHz).

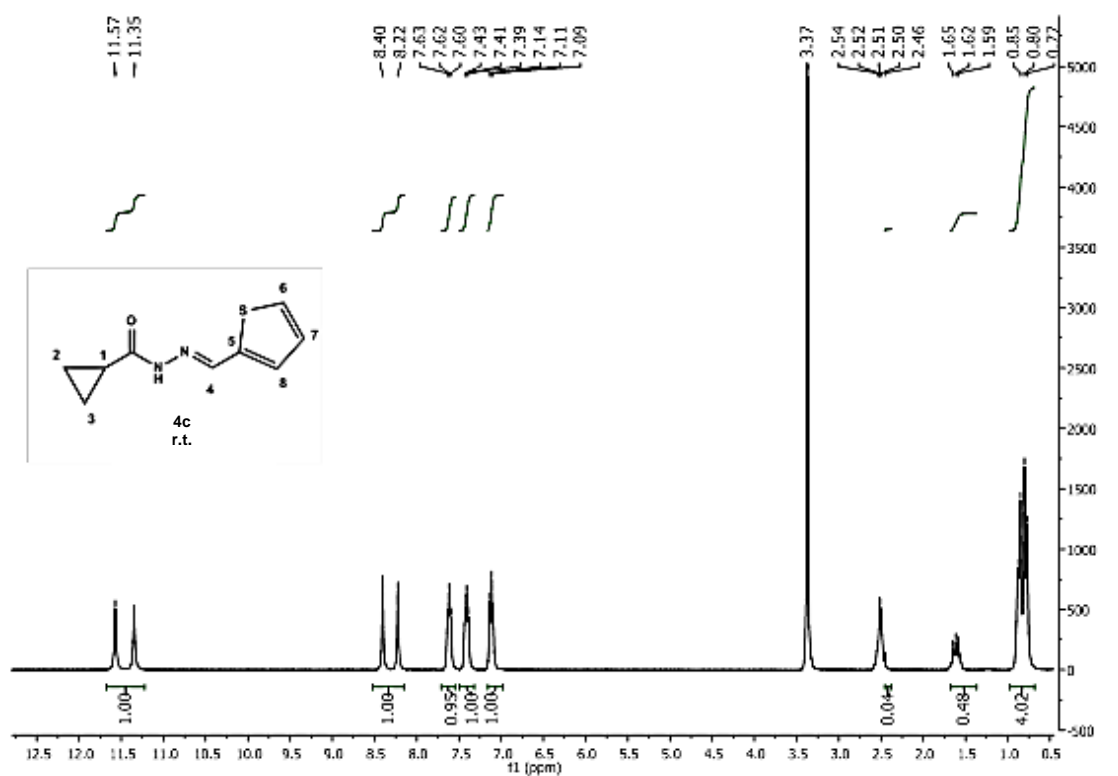


Figure S25. ¹H NMR spectrum of **4c** (DMSO-d₆, 200 MHz).

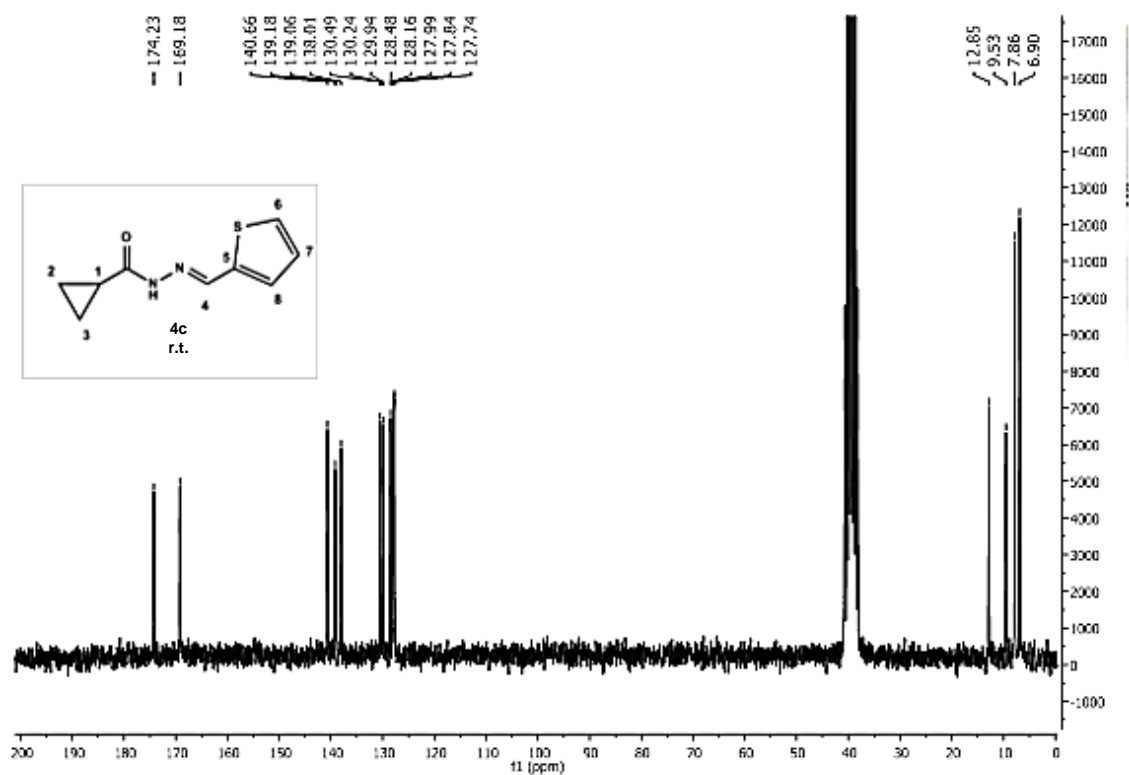


Figure S26. ¹³C NMR spectrum of **4c** (DMSO-d₆, 50 MHz).

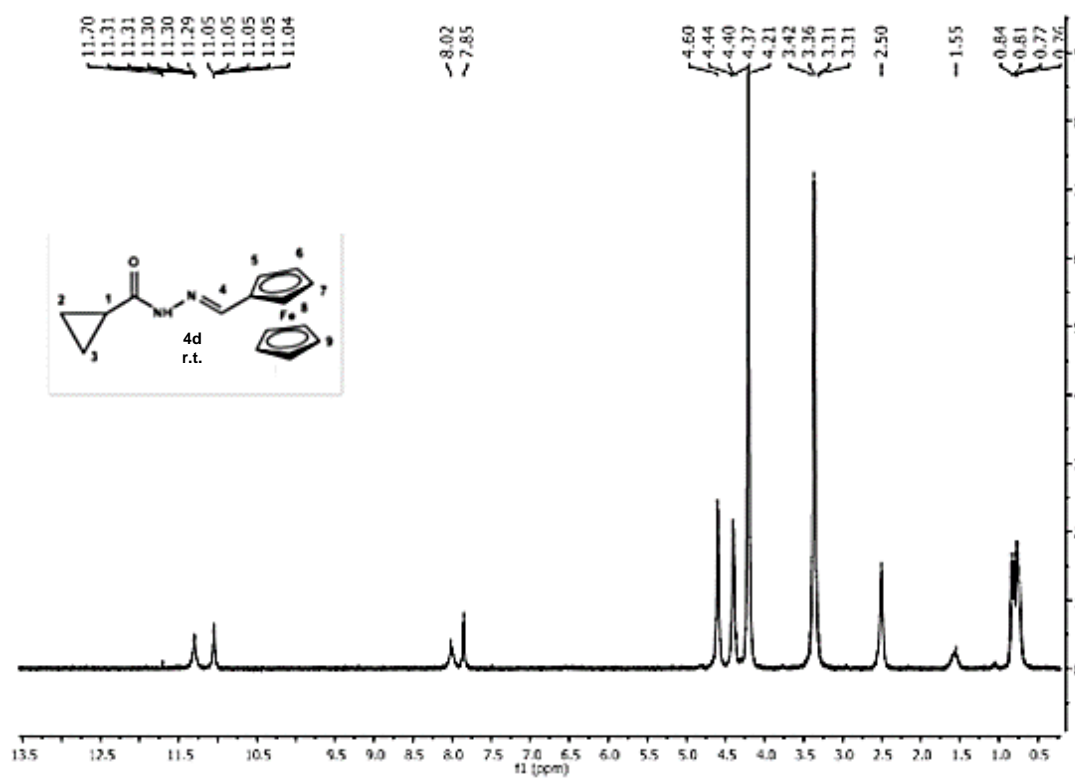


Figure S27. ¹H NMR spectrum of **4d** (DMSO-d₆, 200 MHz).

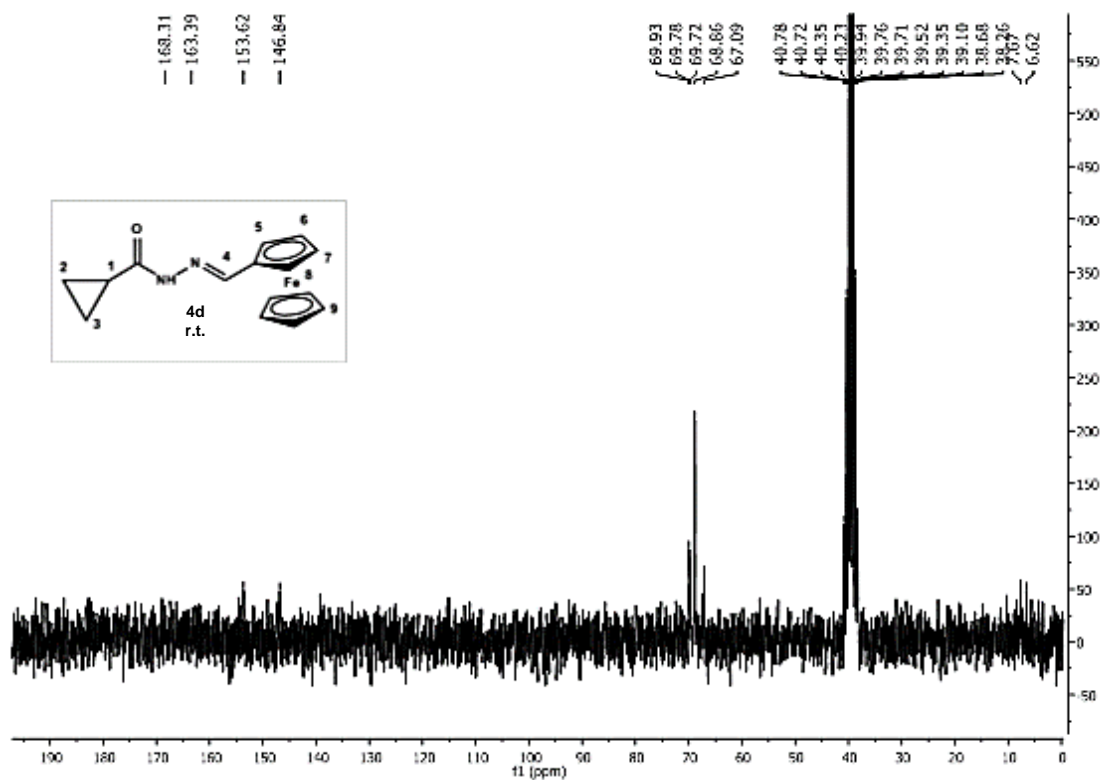


Figure S28. ¹³C NMR spectrum of **4d** (DMSO-d₆, 50 MHz).

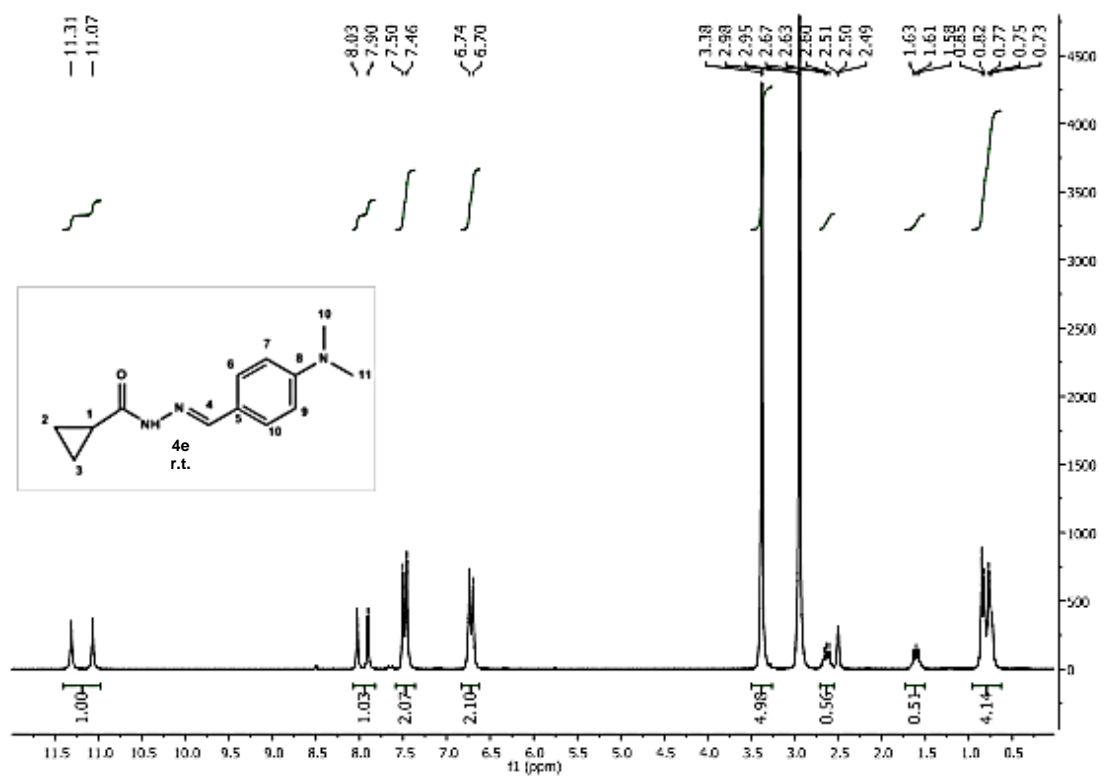


Figure S29. ¹H NMR spectrum of **4e** (DMSO-d₆, 200 MHz).

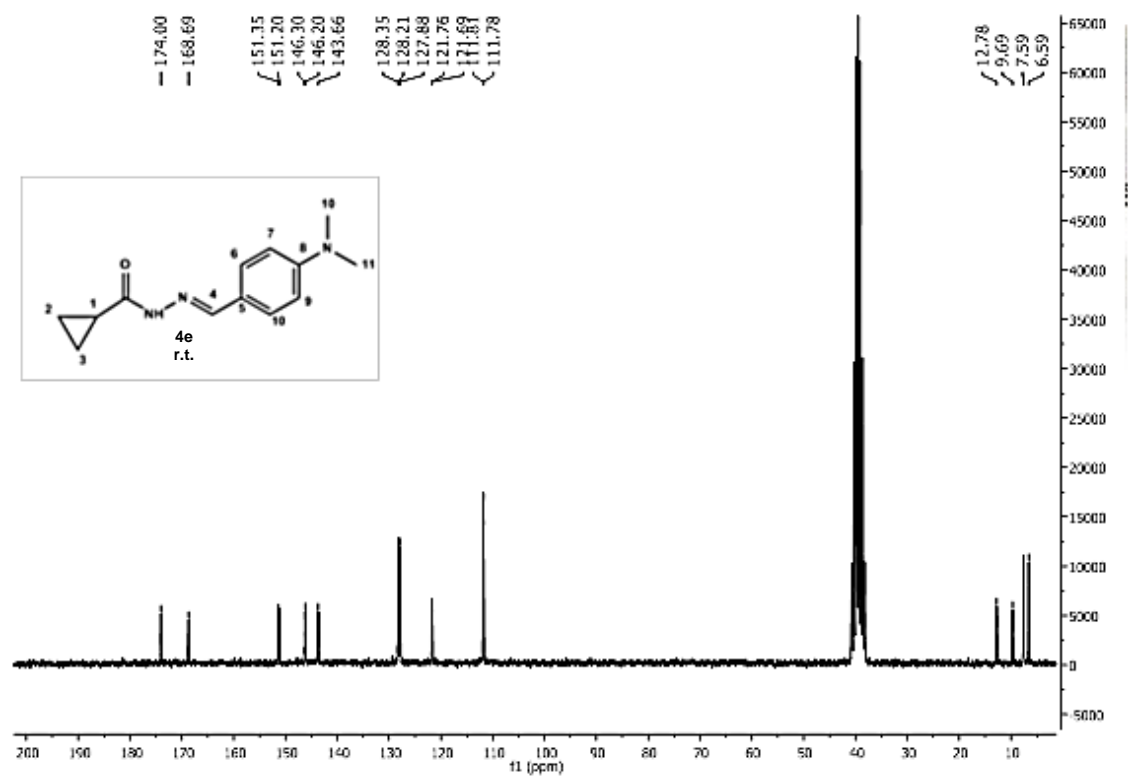


Figure S30. ¹³C NMR spectrum of **4e** (DMSO-d₆, 50 MHz).

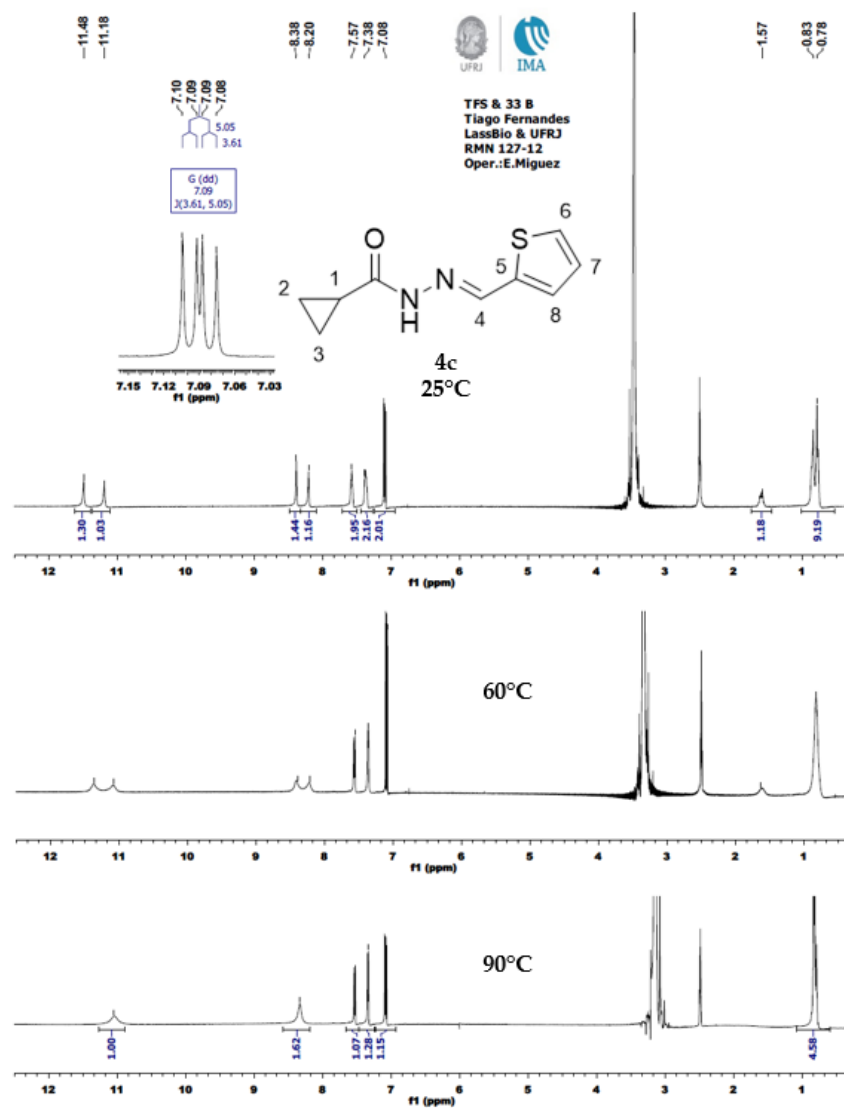


Figure S31. ^1H NMR spectra of **4c** at different temperatures (DMSO- d_6 , 300 MHz).