

Supplementary Information

Synthesis of novel Perillyl-Dihydropyrimidinone Hybrids designed for antiproliferative activity.

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1. Selected NMR spectra of Perillyl-Dihydropyrimidinone hybrids

1.1 ¹H NMR of Compounds **8a-8o**

1.2 ¹³C NMR of Compounds **8a-8o**

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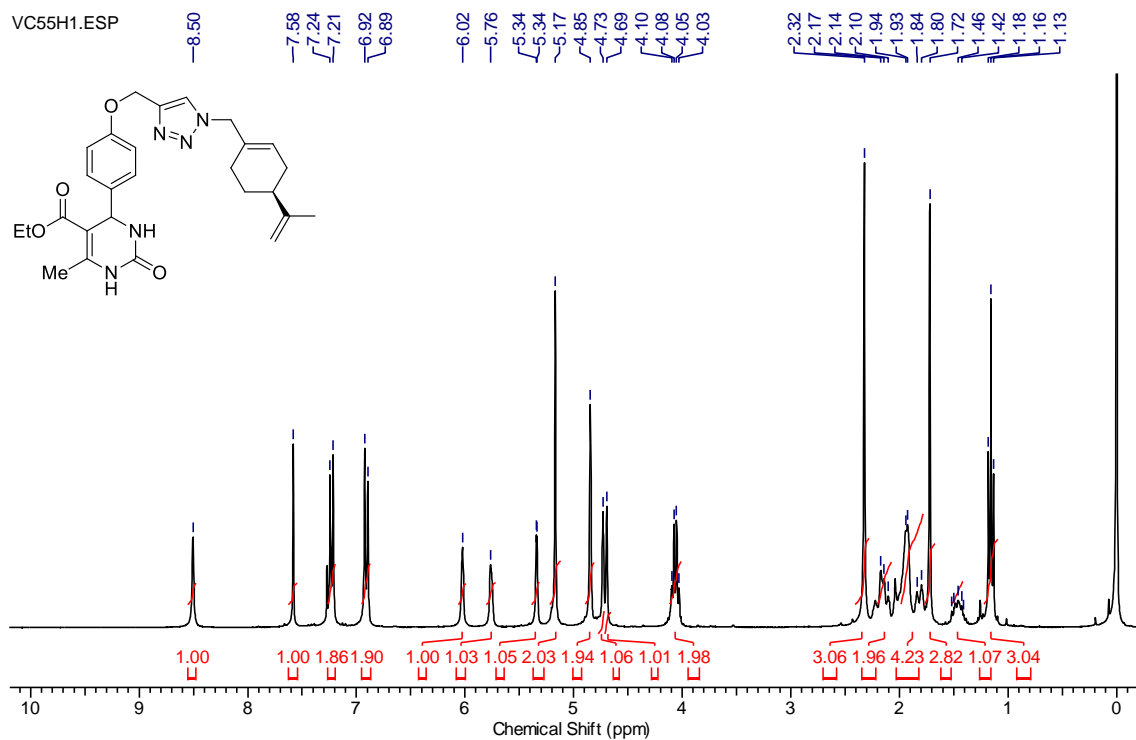


Figure S1. ^1H NMR (300 MHz, CDCl_3) of compound 8a.

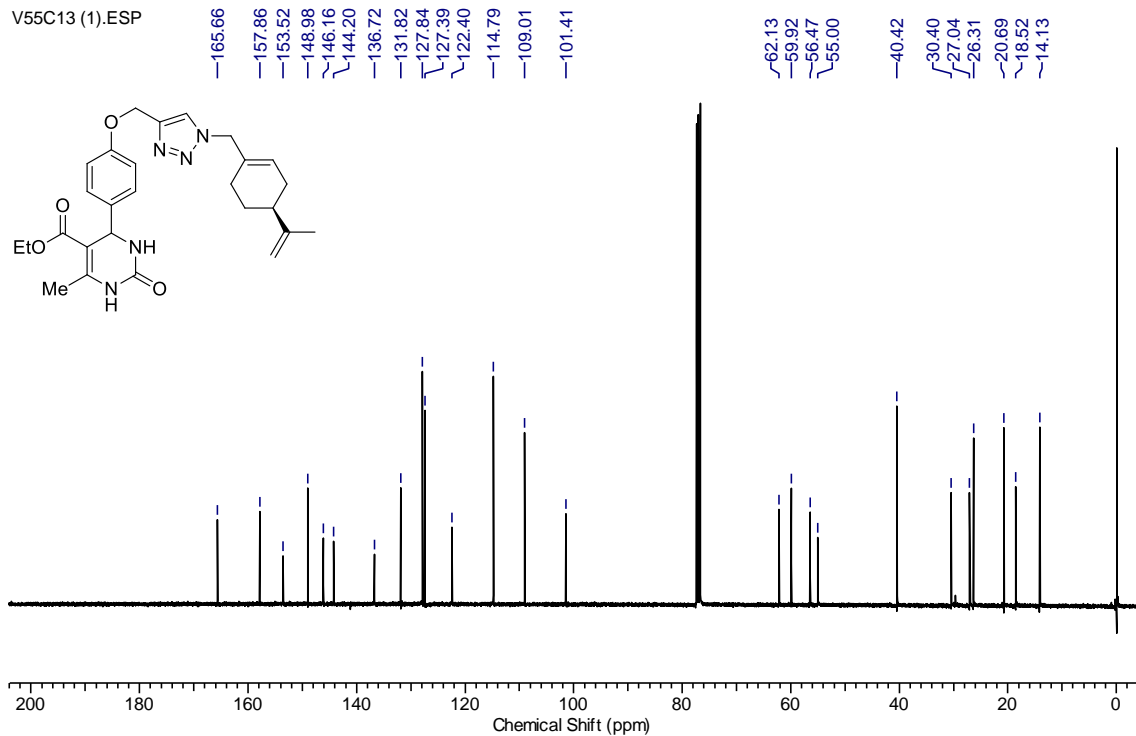
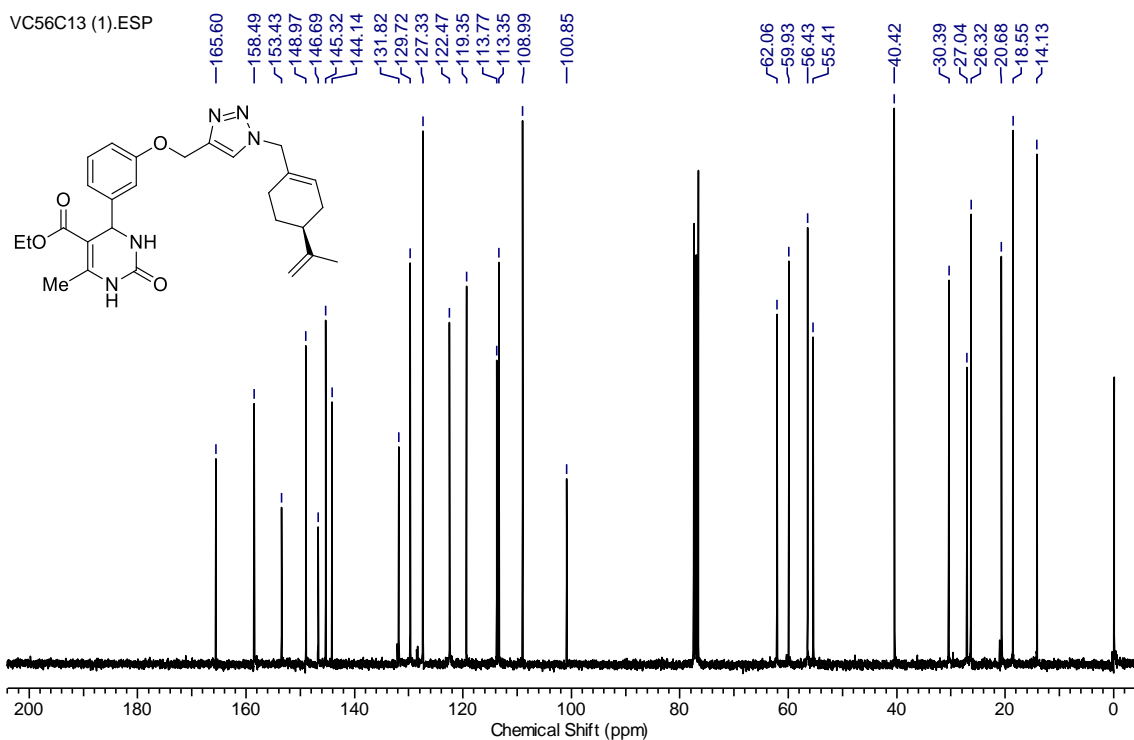
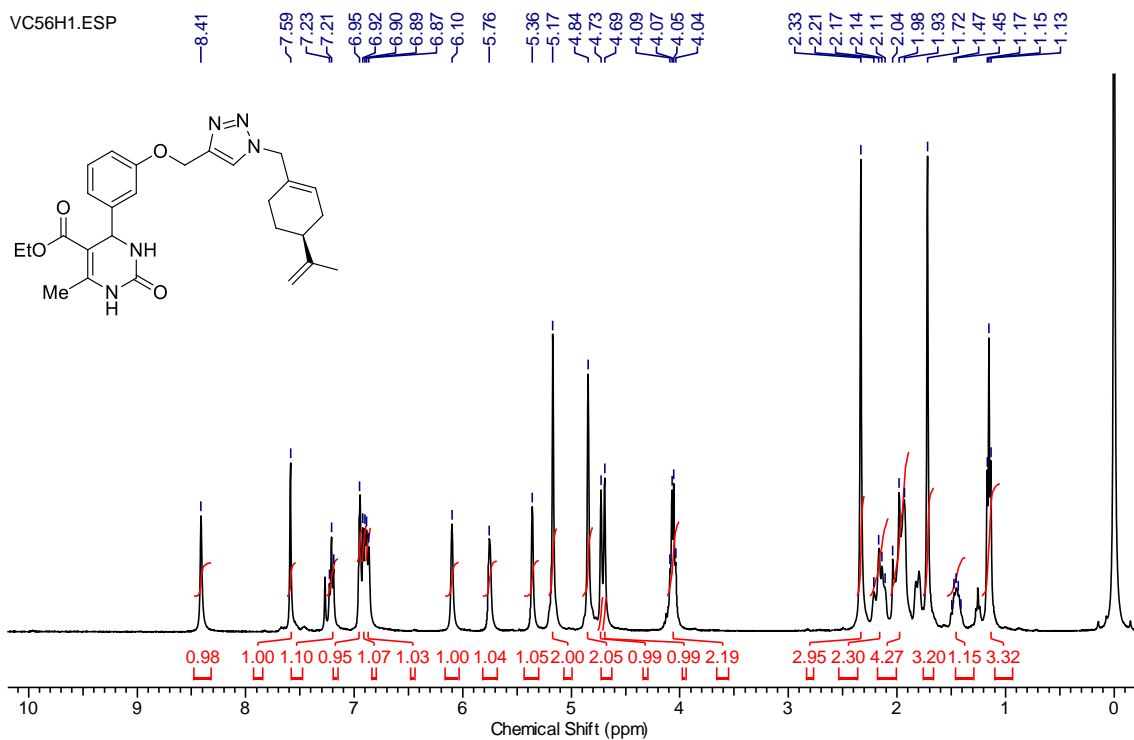


Figure S2. ^{13}C NMR (75 MHz, CDCl_3) of compound 8a.



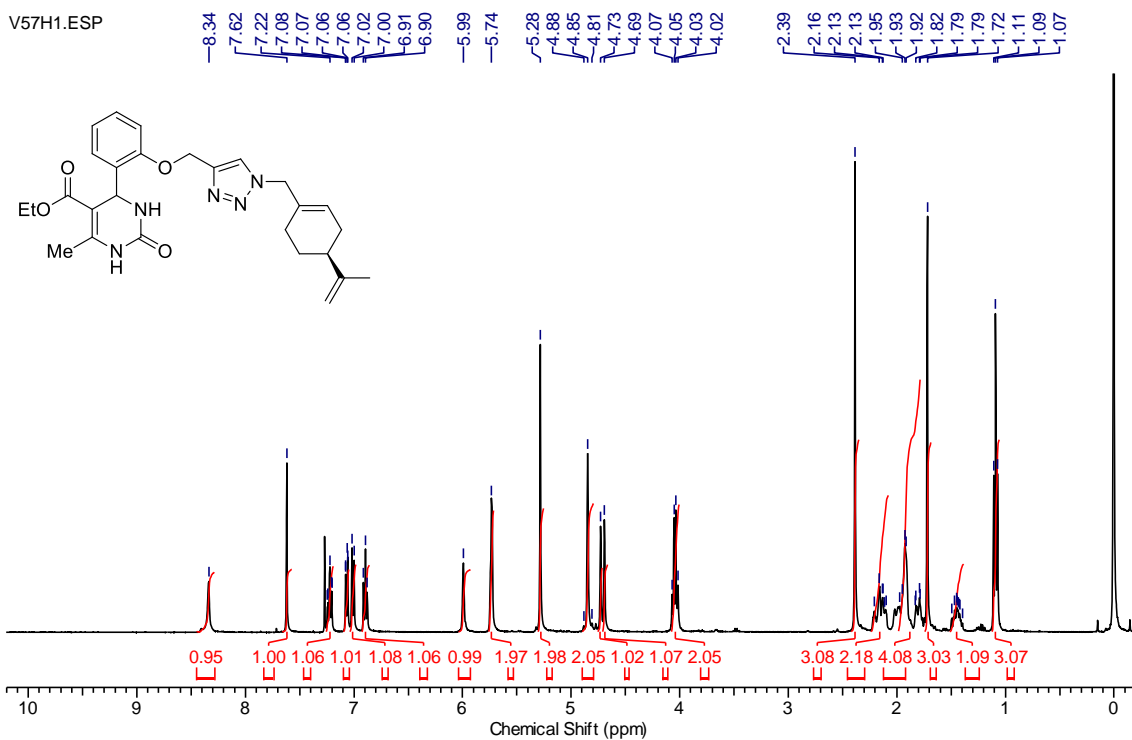


Figure S5. ^1H NMR (400 MHz, CDCl_3) of compound **8c**.

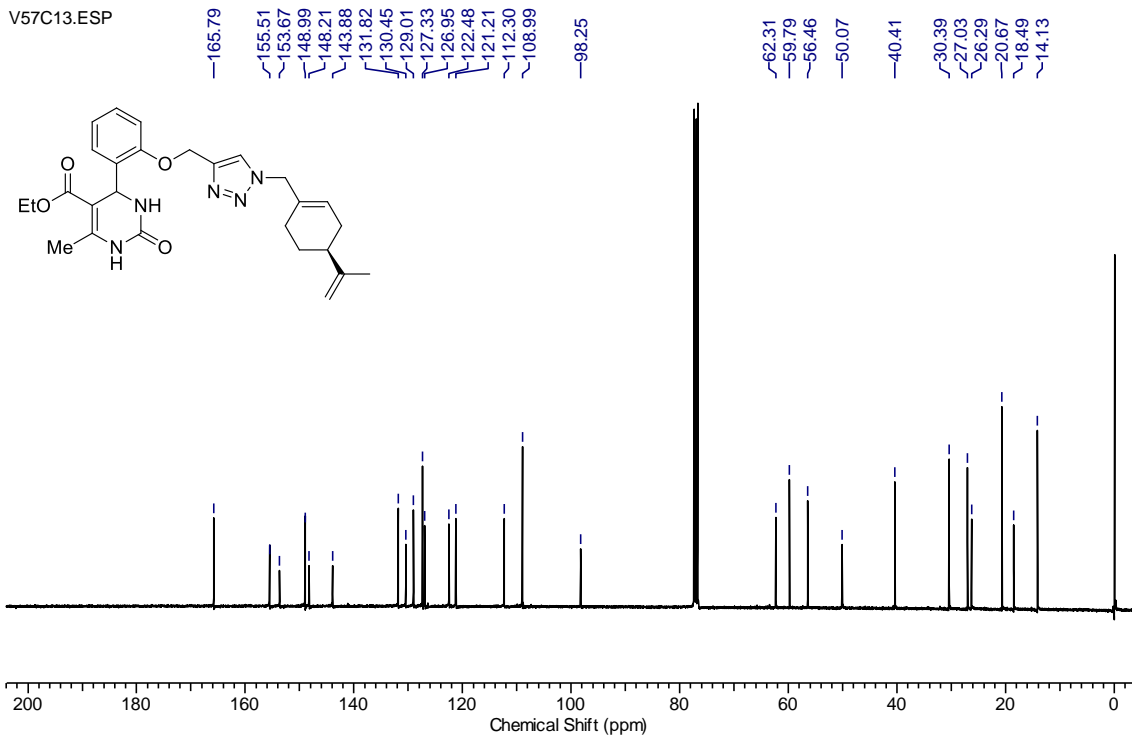


Figure S6. ^{13}C NMR (100 MHz, CDCl_3) of compound **8c**.

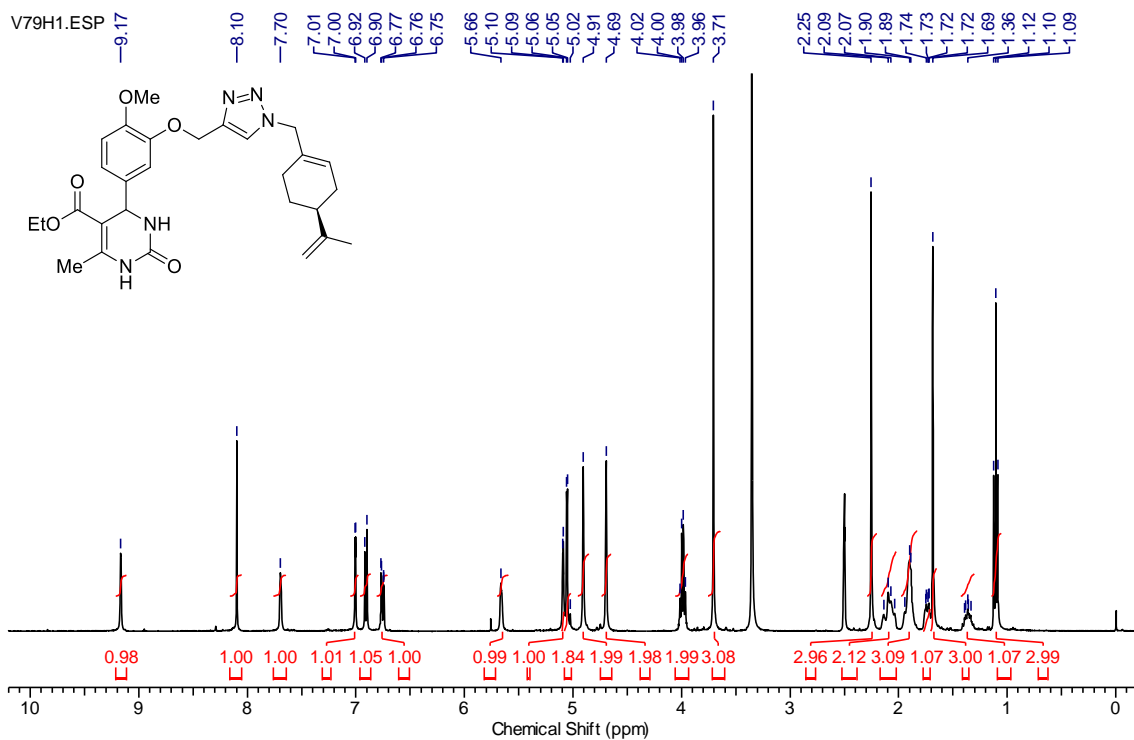


Figure S7. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) of compound **8d**.

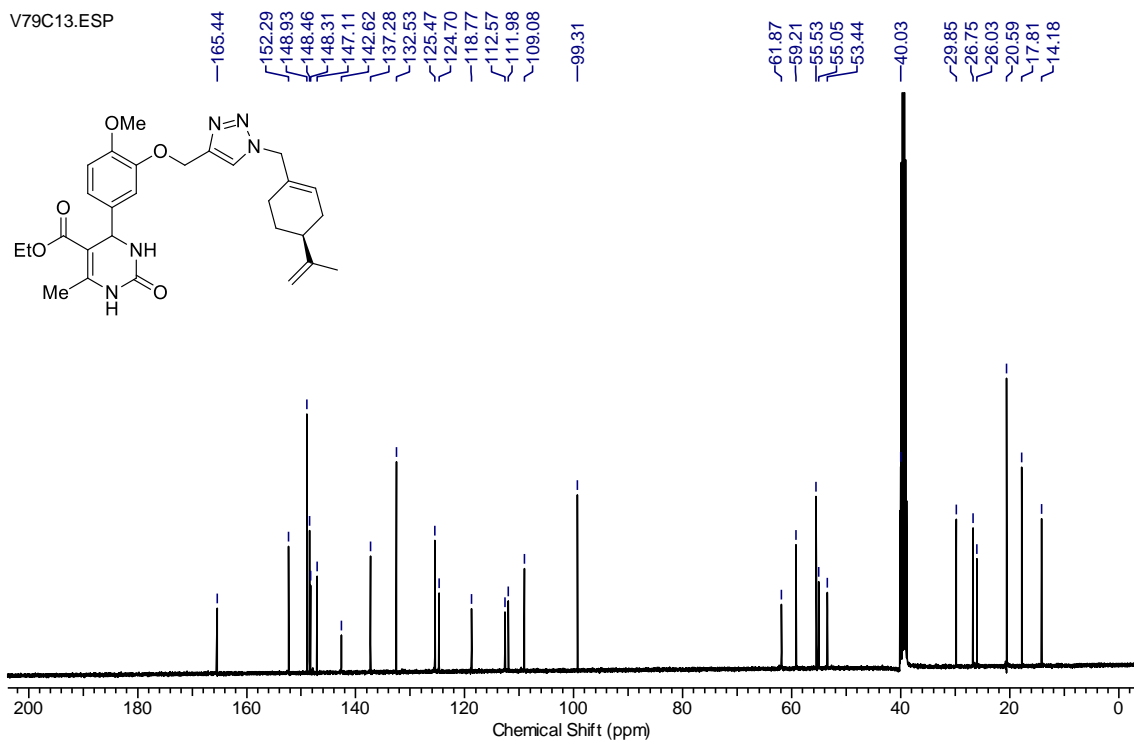


Figure S8. ^{13}C NMR (100 MHz, $\text{DMSO-}d_6$) of compound **8d**.

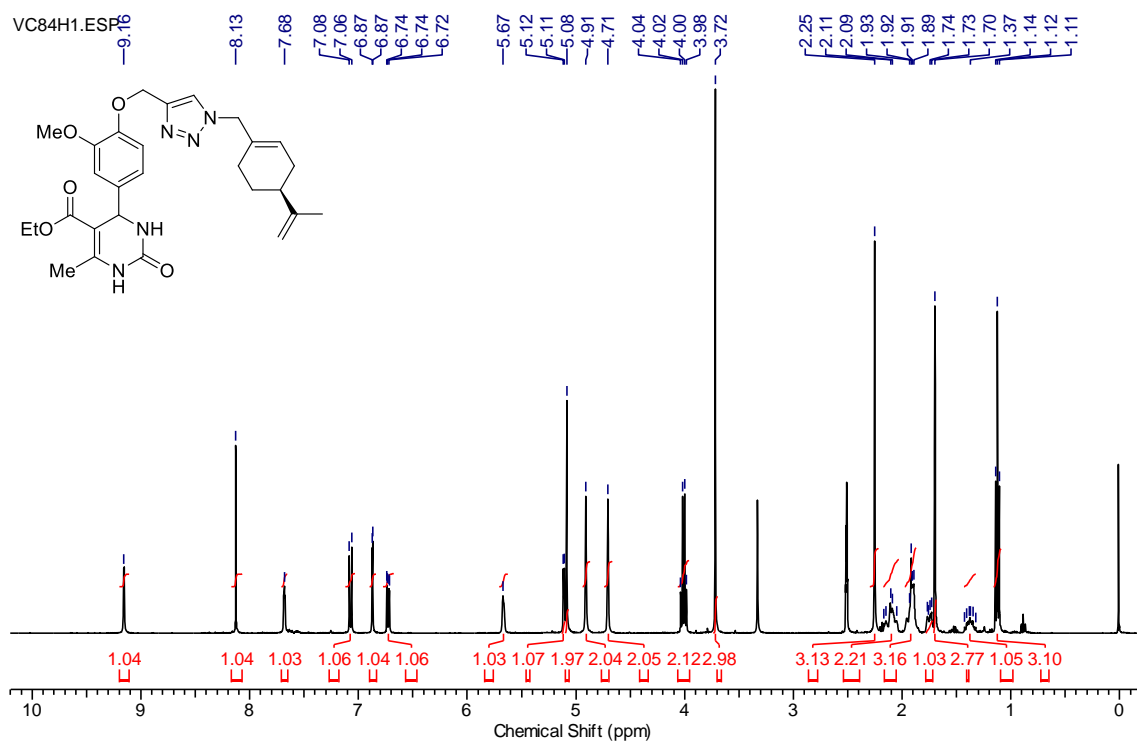


Figure S9. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) of compound **8e**.

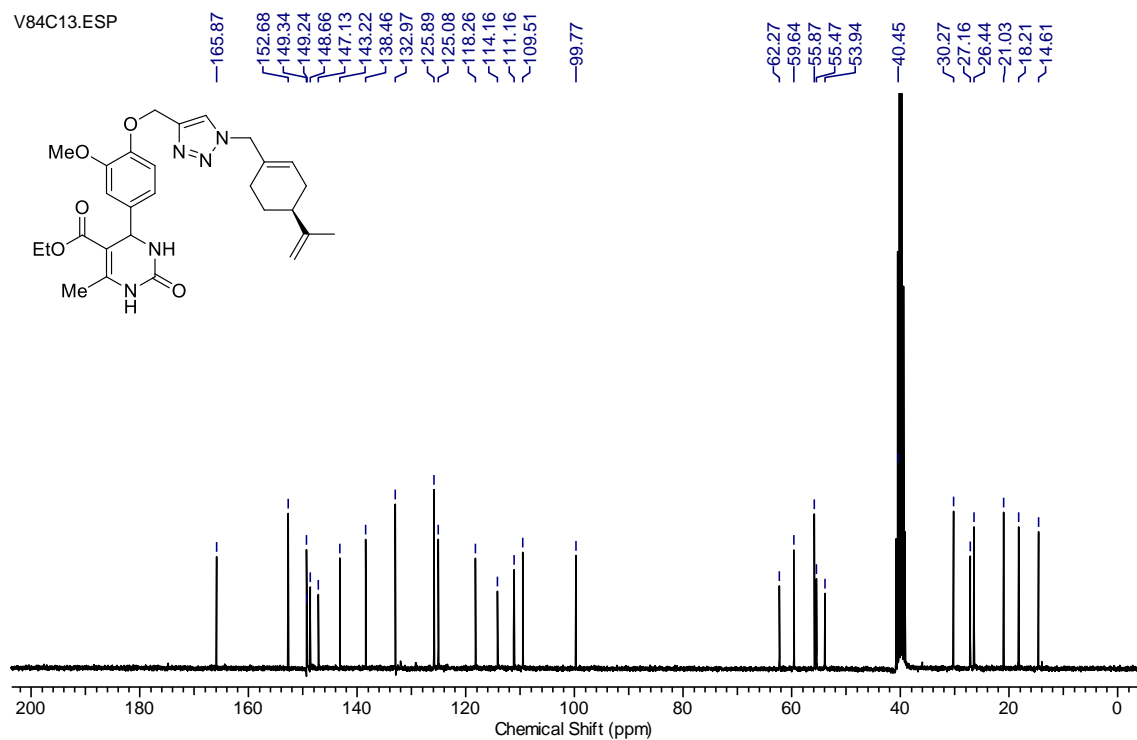


Figure S10. ^{13}C NMR (100 MHz, $\text{DMSO-}d_6$) of compound **8e**.

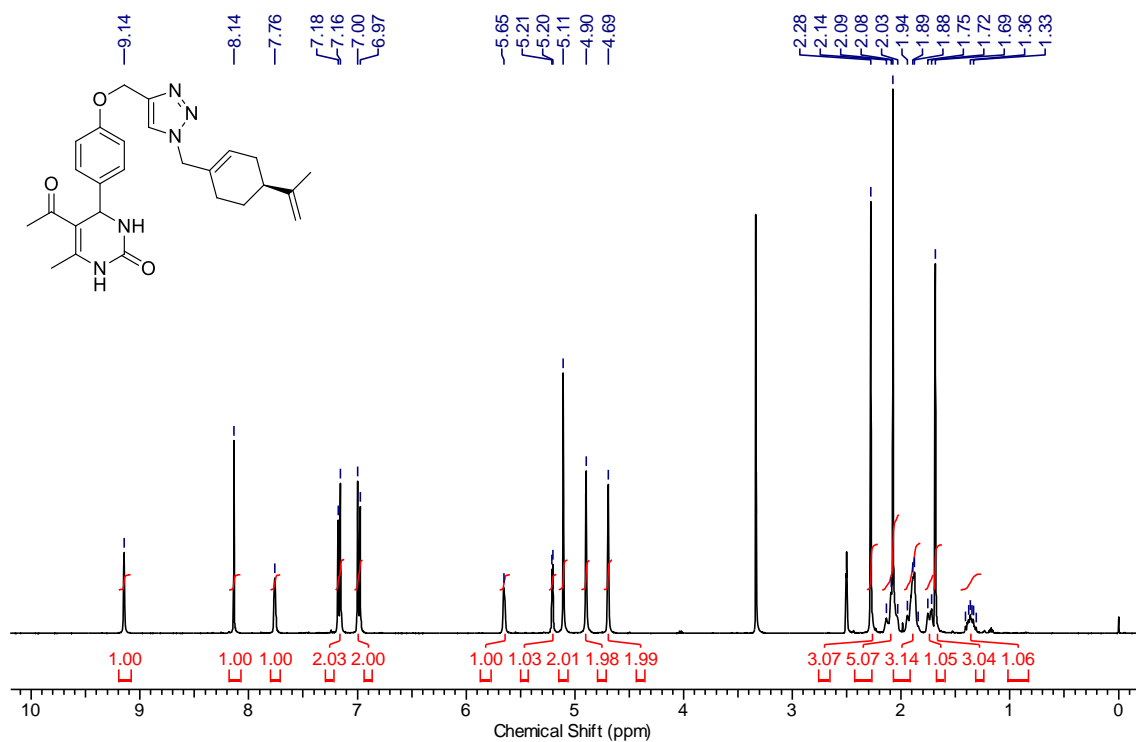


Figure S11. ¹H NMR (400 MHz, DMSO-*d*₆) of compound 8f.

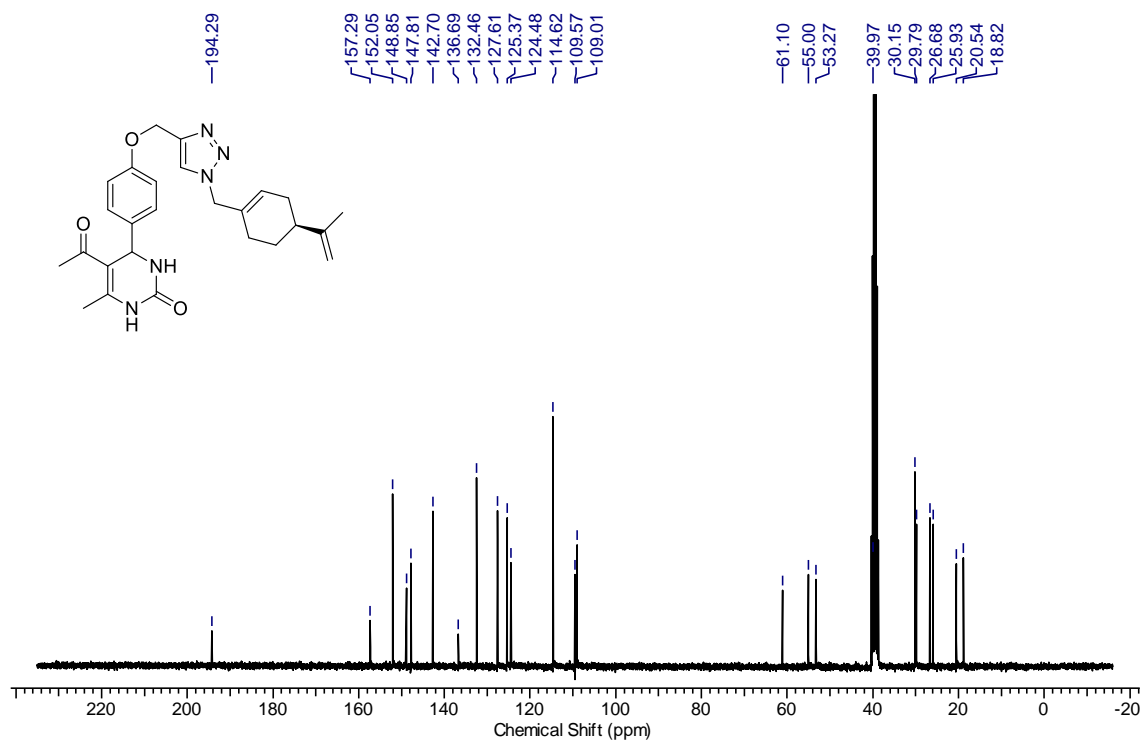


Figure S12. ¹³C NMR (100 MHz, DMSO-*d*₆) of compound 8f.

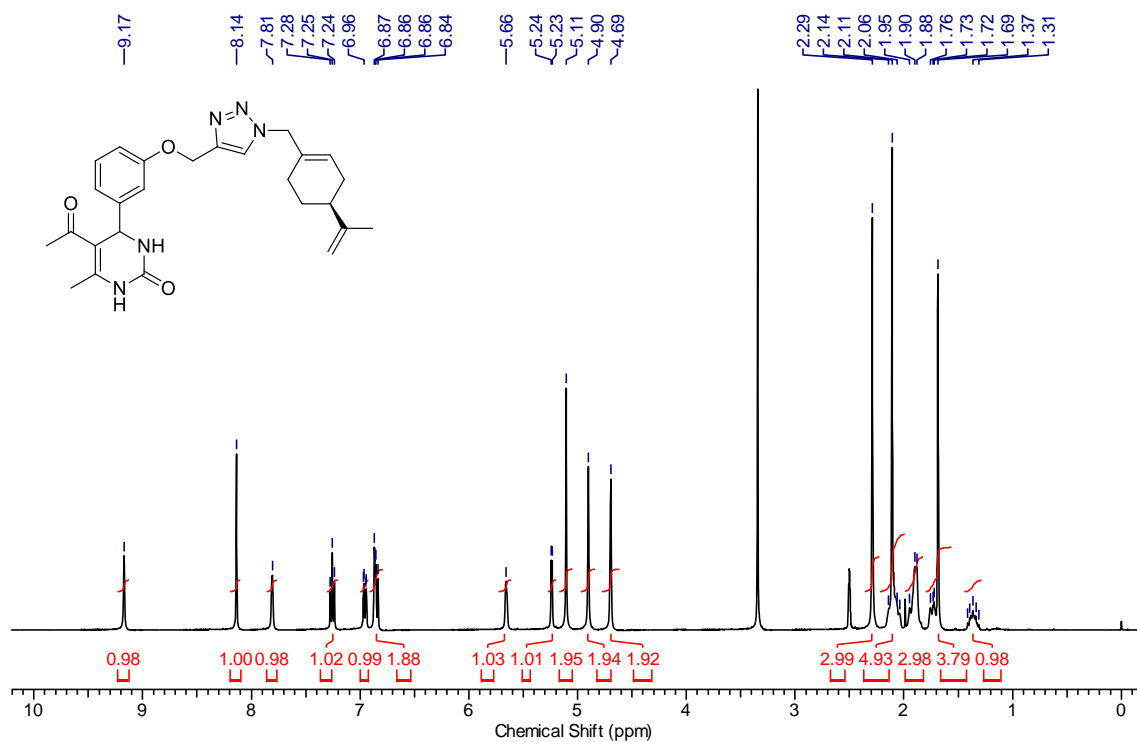


Figure S13. ¹H NMR (400 MHz, DMSO-*d*₆) of compound 8g.

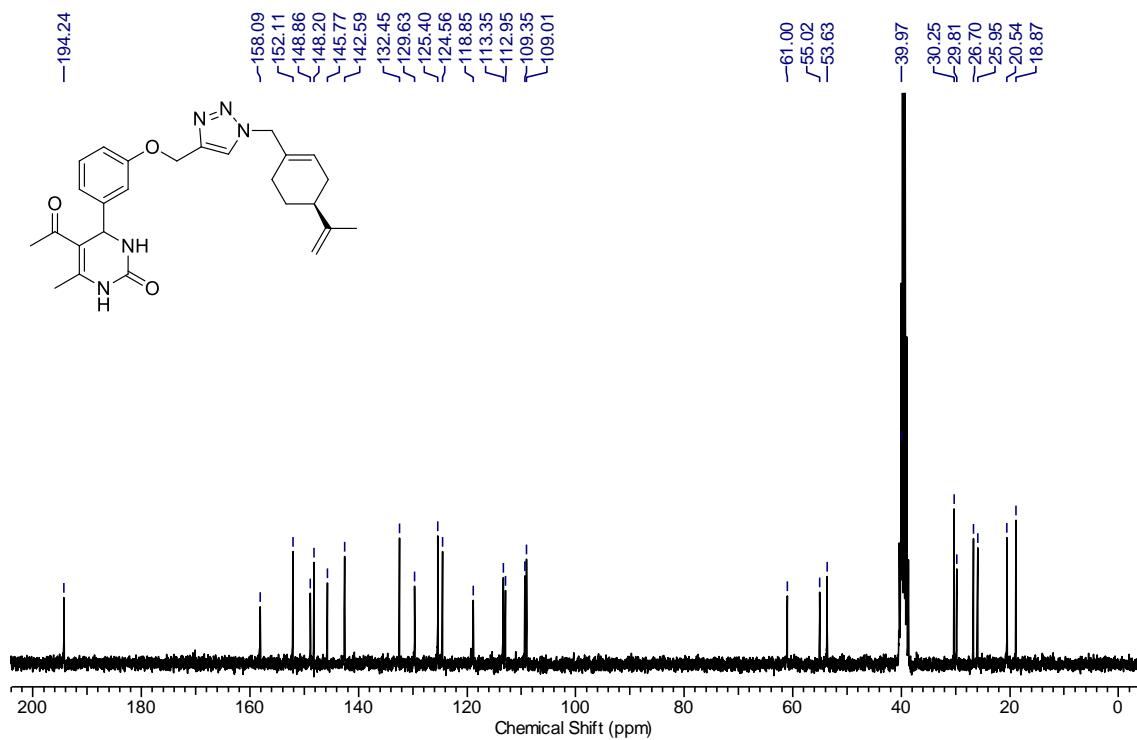


Figure S14. ¹³C NMR (100 MHz, DMSO-*d*₆) of compound 8g.

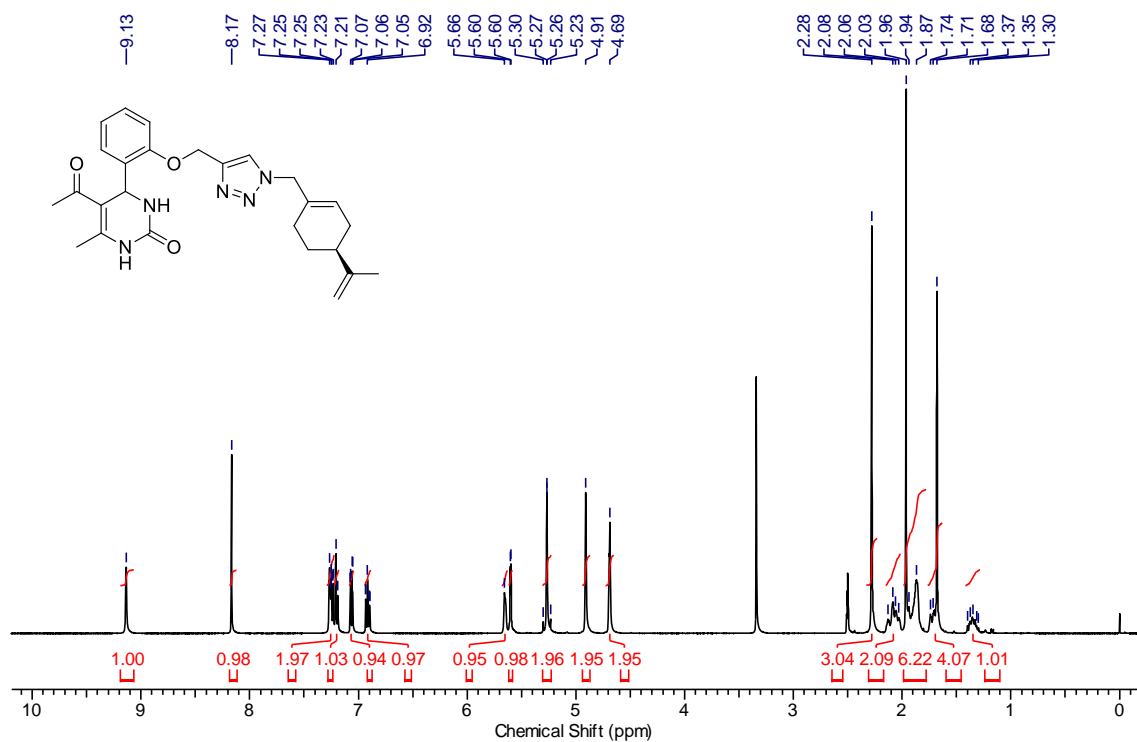


Figure S15. ¹H NMR (400 MHz, DMSO-*d*₆) of compound 8h.

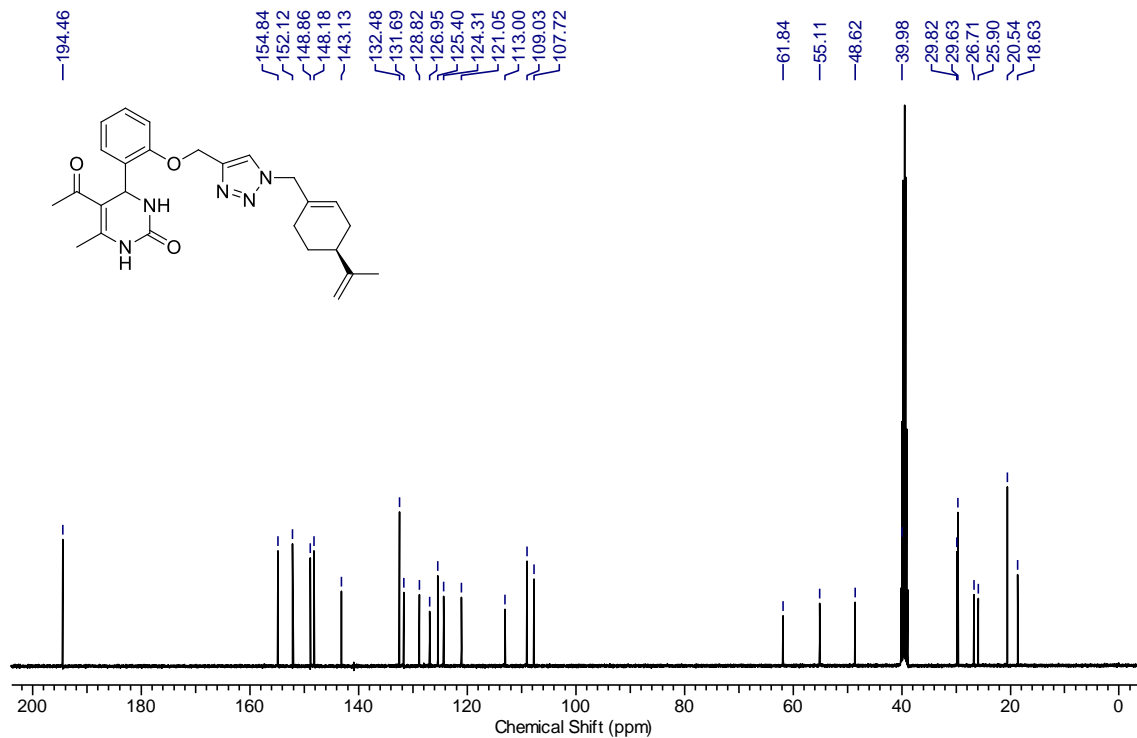


Figure S16. ¹³C NMR (100 MHz, DMSO-*d*₆) of compound 8h.

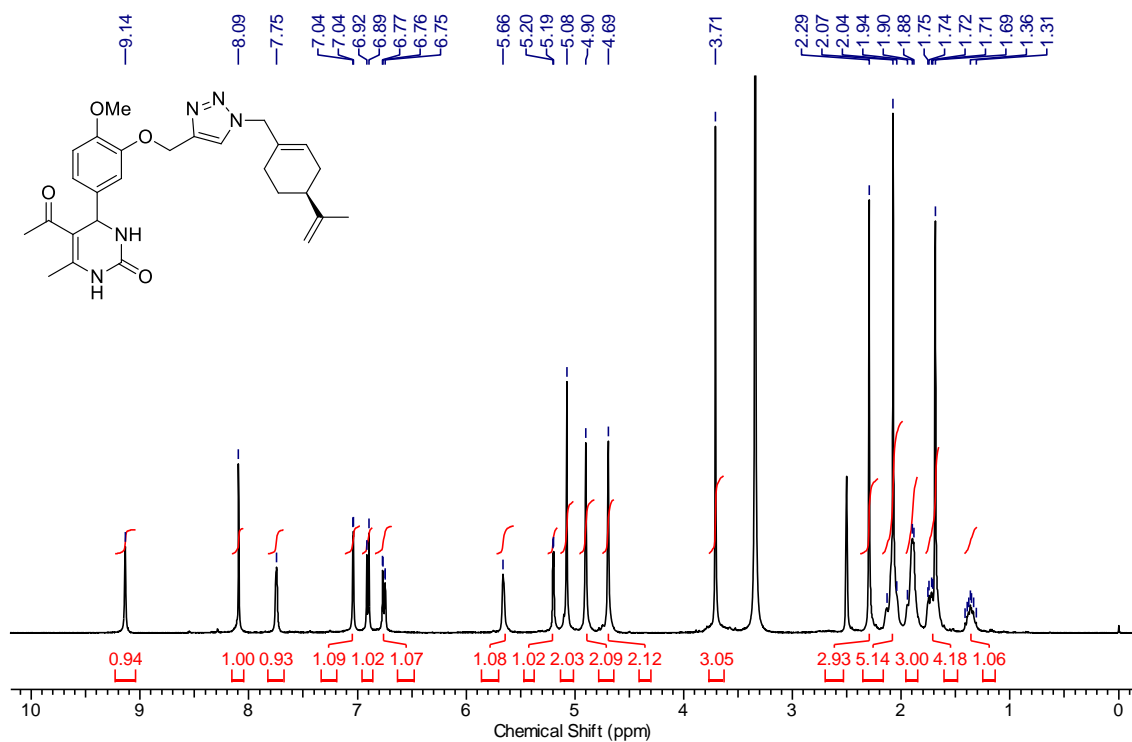


Figure S17. ¹H NMR (400 MHz, DMSO-*d*₆) of compound 8i.

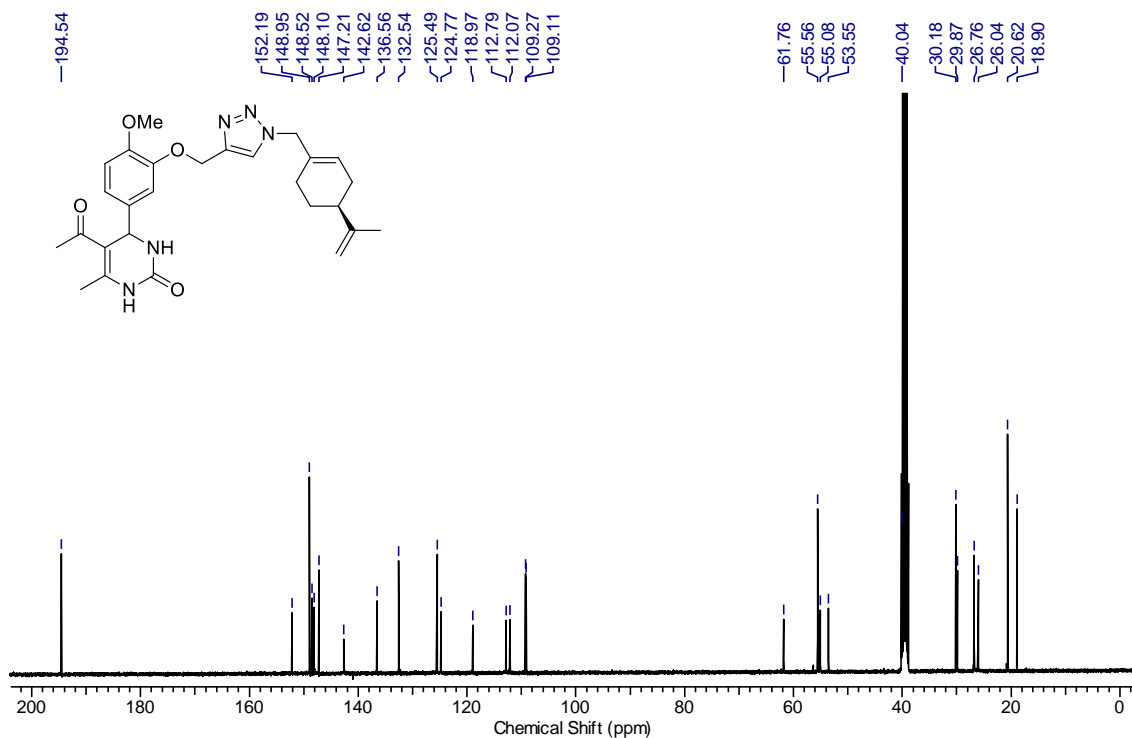


Figure S18. ¹³C NMR (100 MHz, DMSO-*d*₆) of compound 8i.

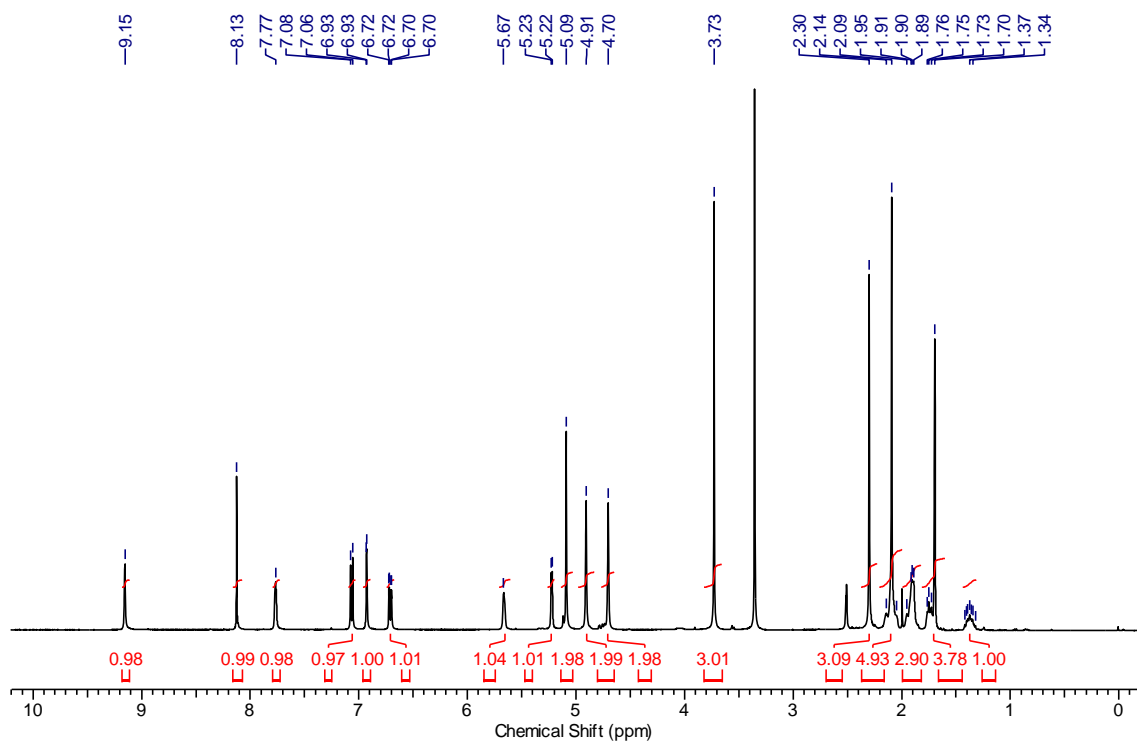


Figure S19. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) of compound **8j**.

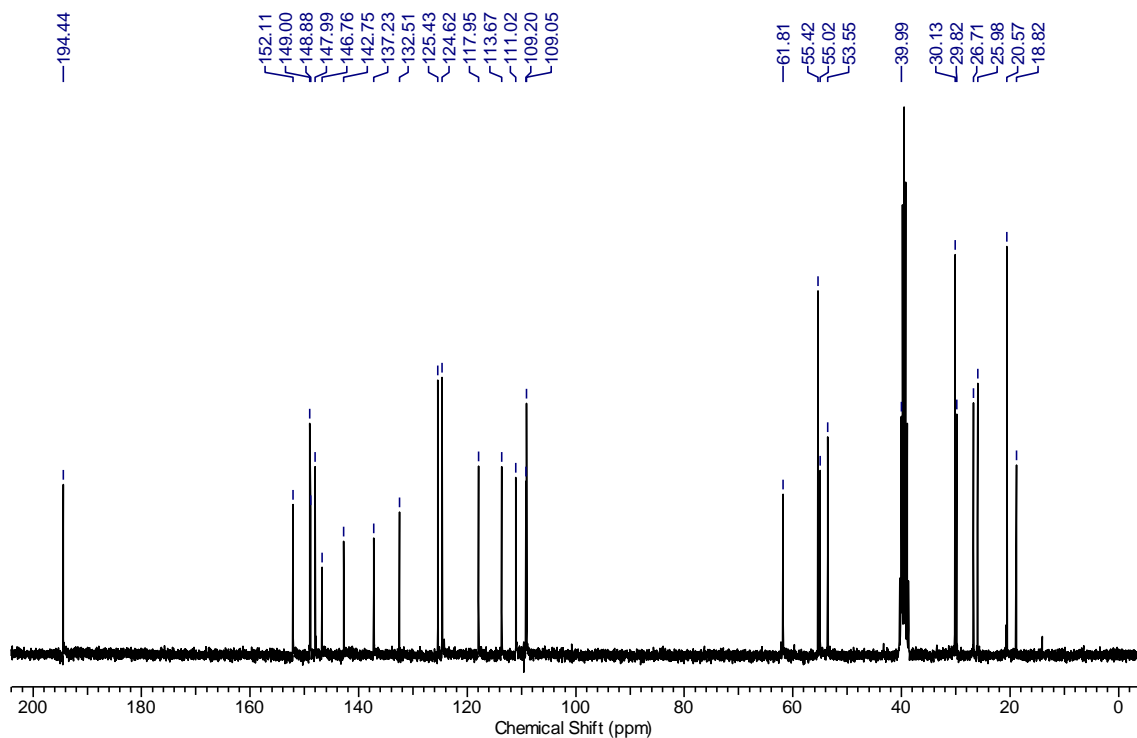


Figure S20. ^{13}C NMR (100 MHz, $\text{DMSO-}d_6$) of compound **8j**.

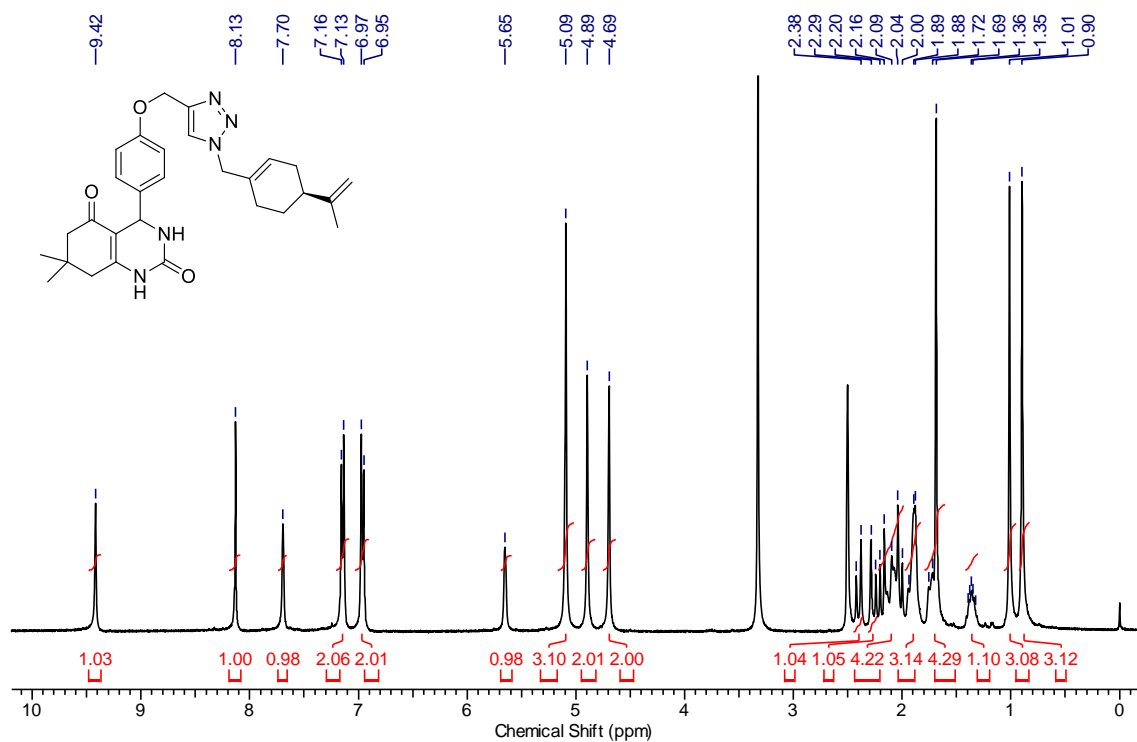


Figure S21. ¹H NMR (400 MHz, DMSO-*d*₆) of compound 8k.

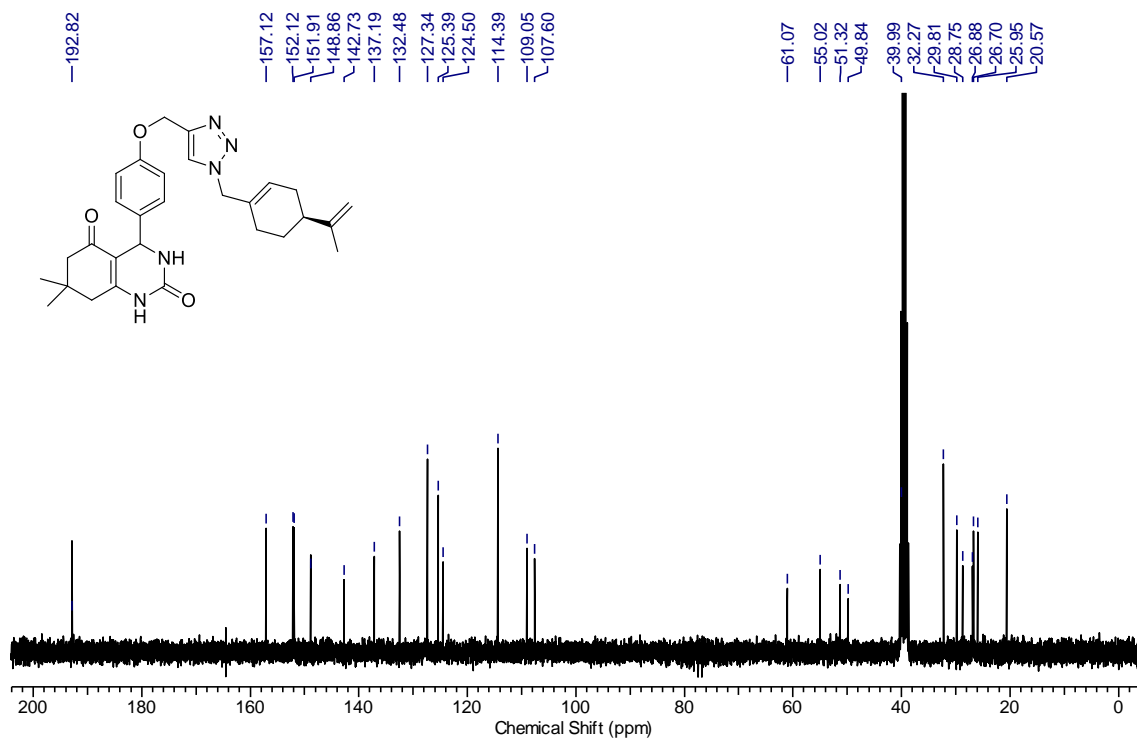


Figure S22. ¹³C NMR (100 MHz, DMSO-*d*₆) of compound 8k.

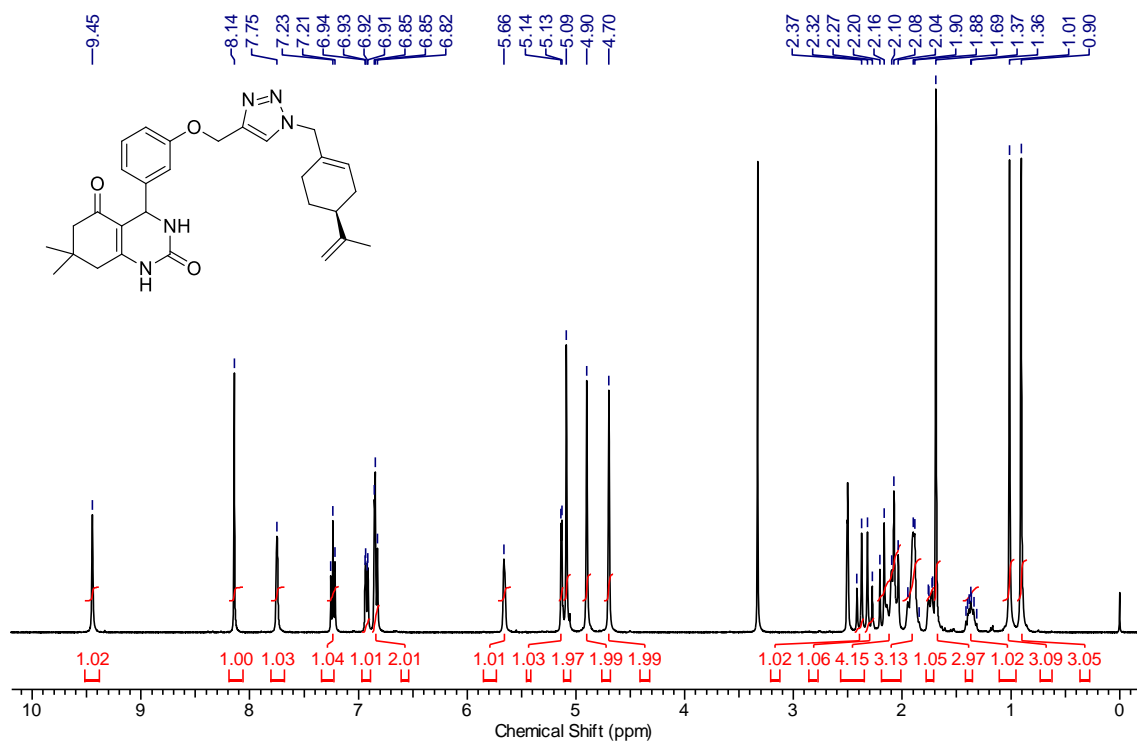


Figure S23. ¹H NMR (400 MHz, DMSO-*d*₆) of compound 8I.

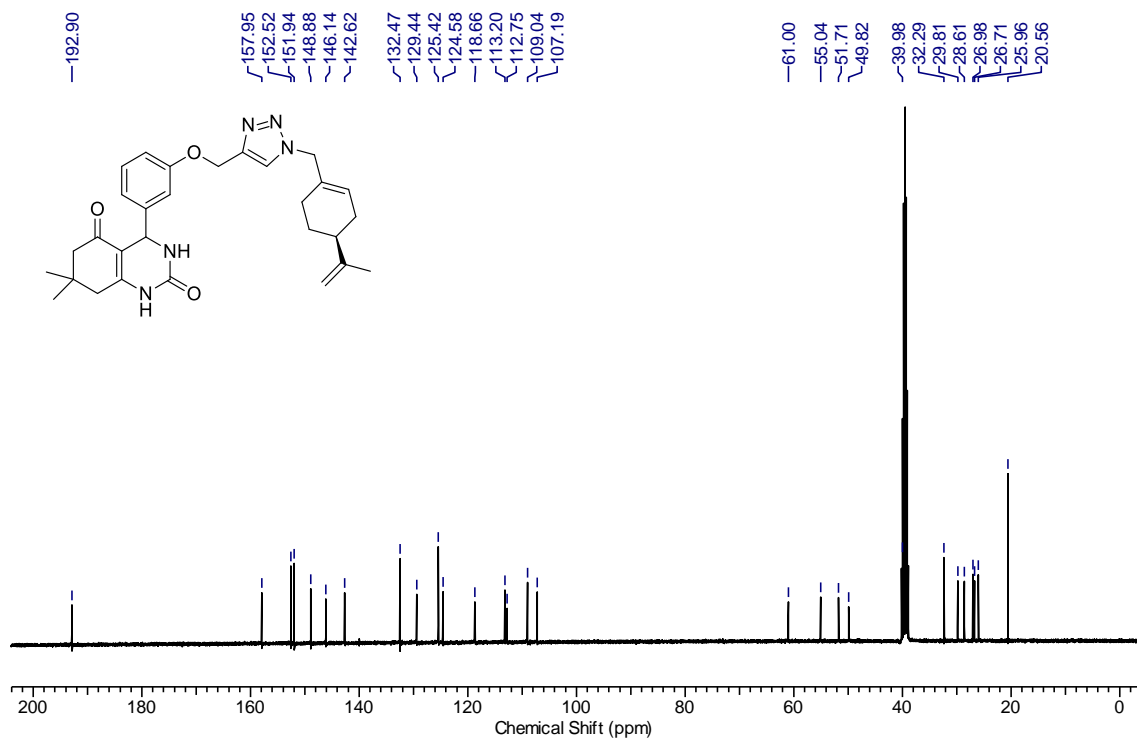


Figure S24. ¹³C NMR (100 MHz, DMSO-*d*₆) of compound 8I.

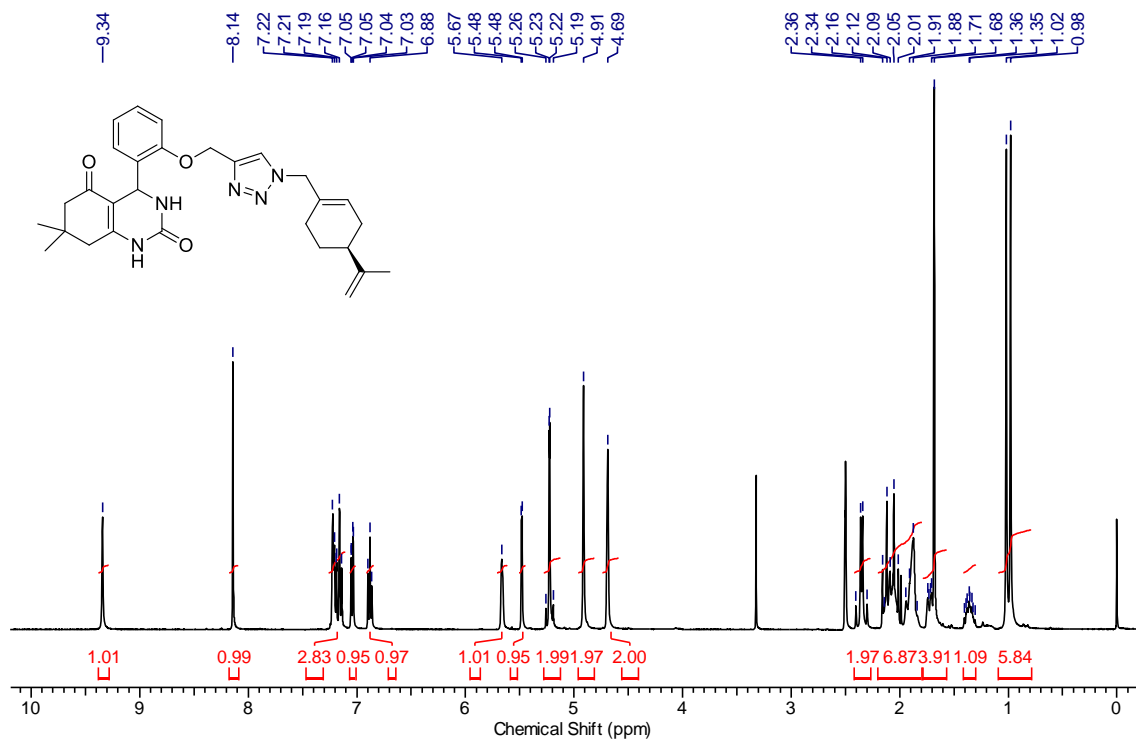


Figure S25. ¹H NMR (400 MHz, DMSO-*d*₆) of compound 8m.

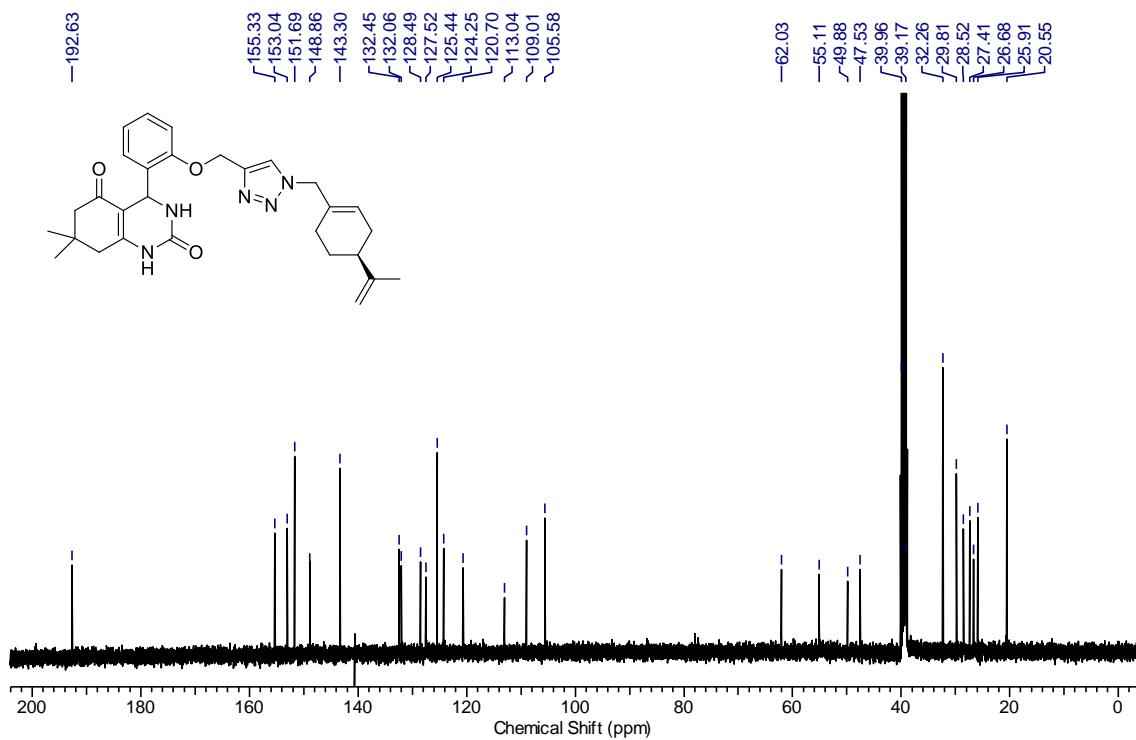


Figure S26. ¹³C NMR (100 MHz, DMSO-*d*₆) of compound 8m.

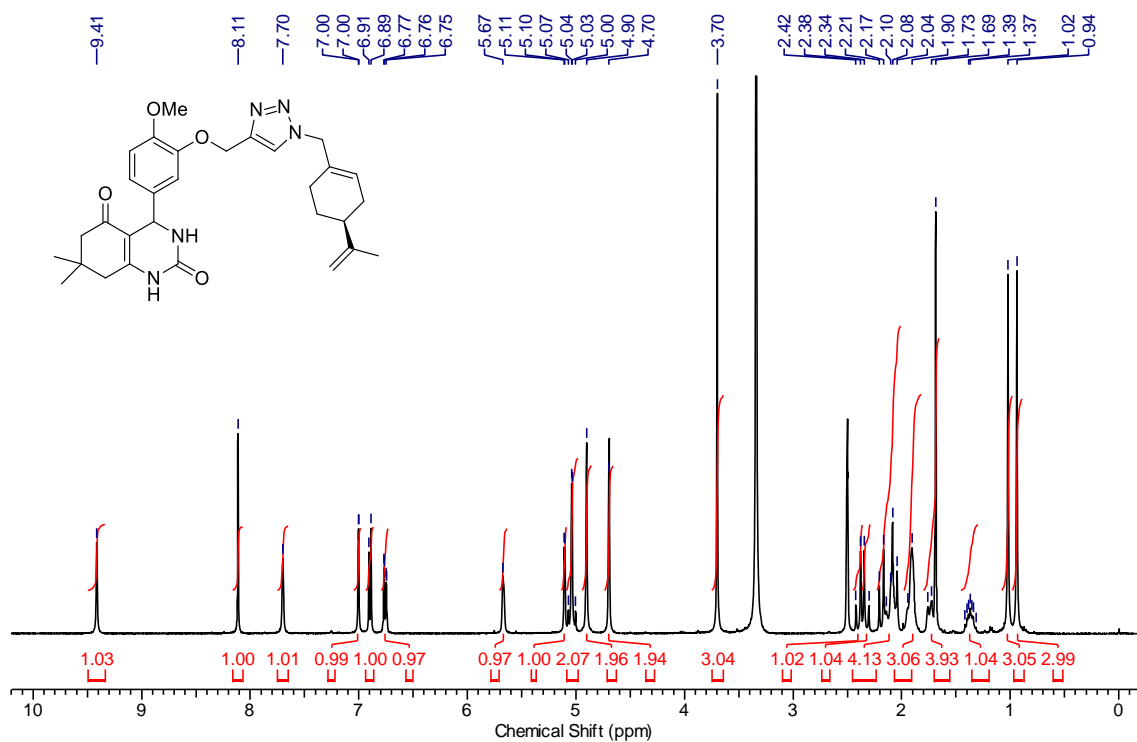


Figure S27. ¹H NMR (400 MHz, DMSO-*d*₆) of compound 8n.

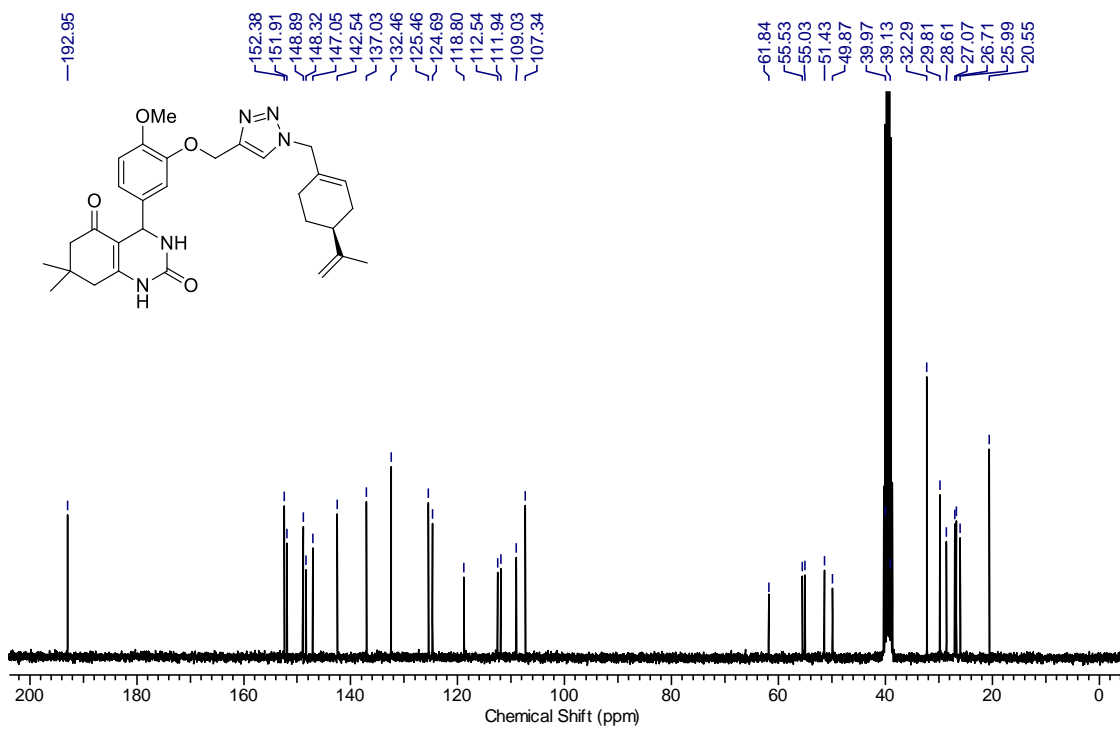


Figure S28. ¹³C NMR (100 MHz, DMSO-*d*₆) of compound 8n.

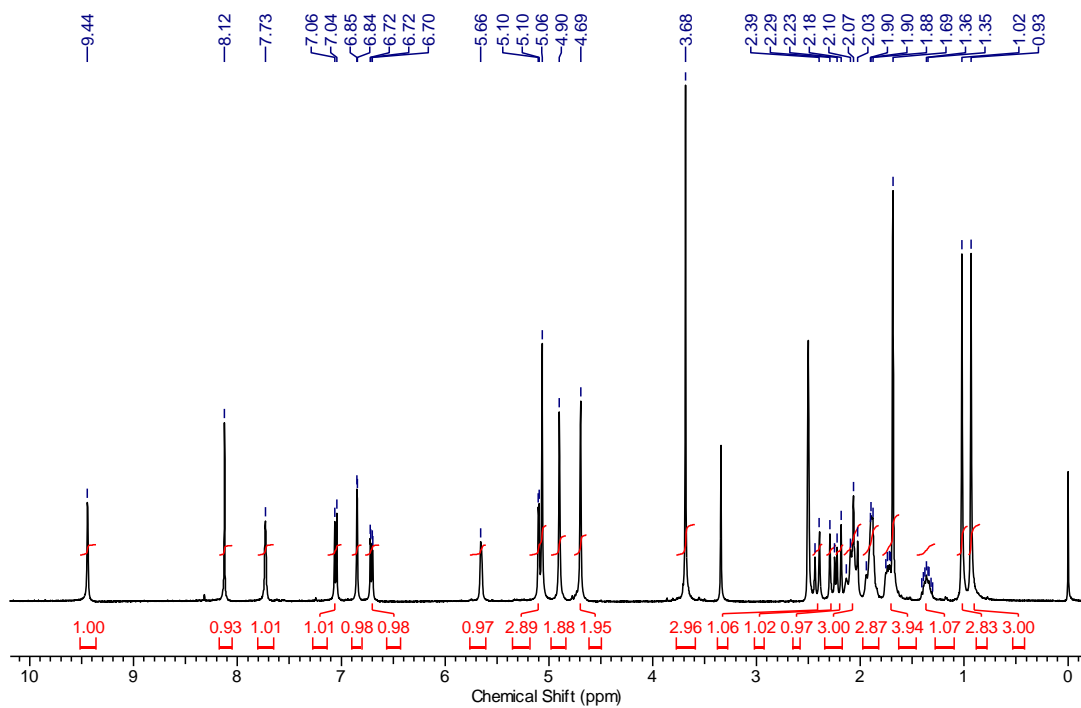


Figure S29. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) of compound **8o**.

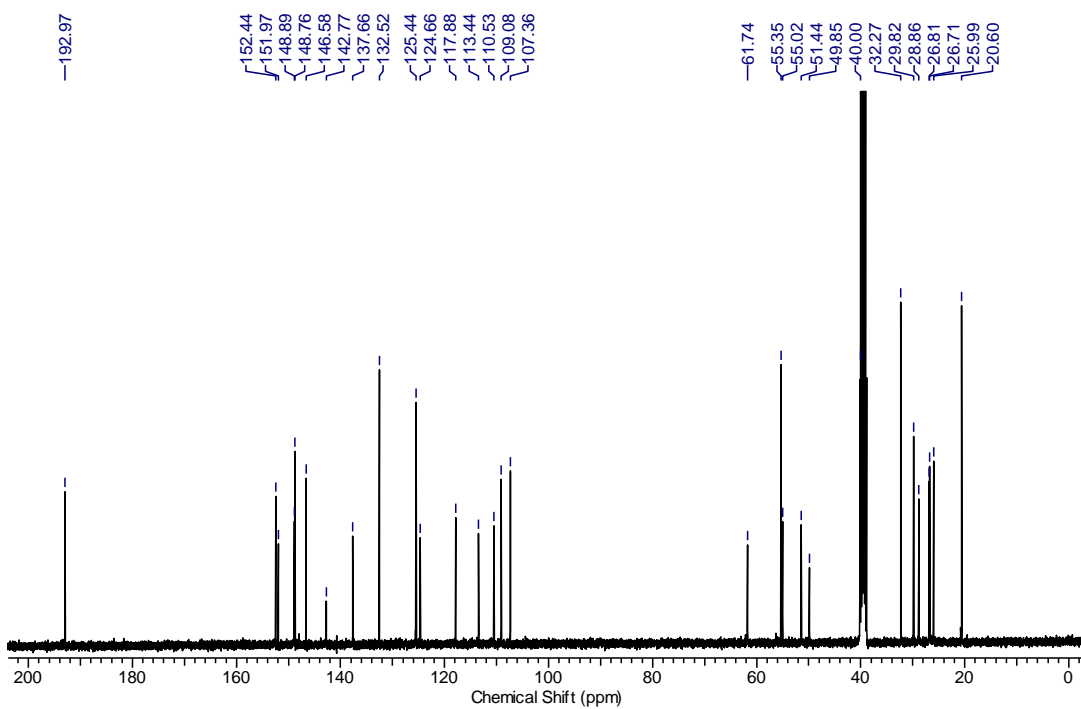


Figure S30. ^{13}C NMR (100 MHz, $\text{DMSO-}d_6$) of compound **8o**.