

Synthesis of 5-Benzylamino and 5-Alkylamino-substituted Pyrimido[4,5-c]quinoline Derivatives as CSNK2A Inhibitors with Antiviral Activity

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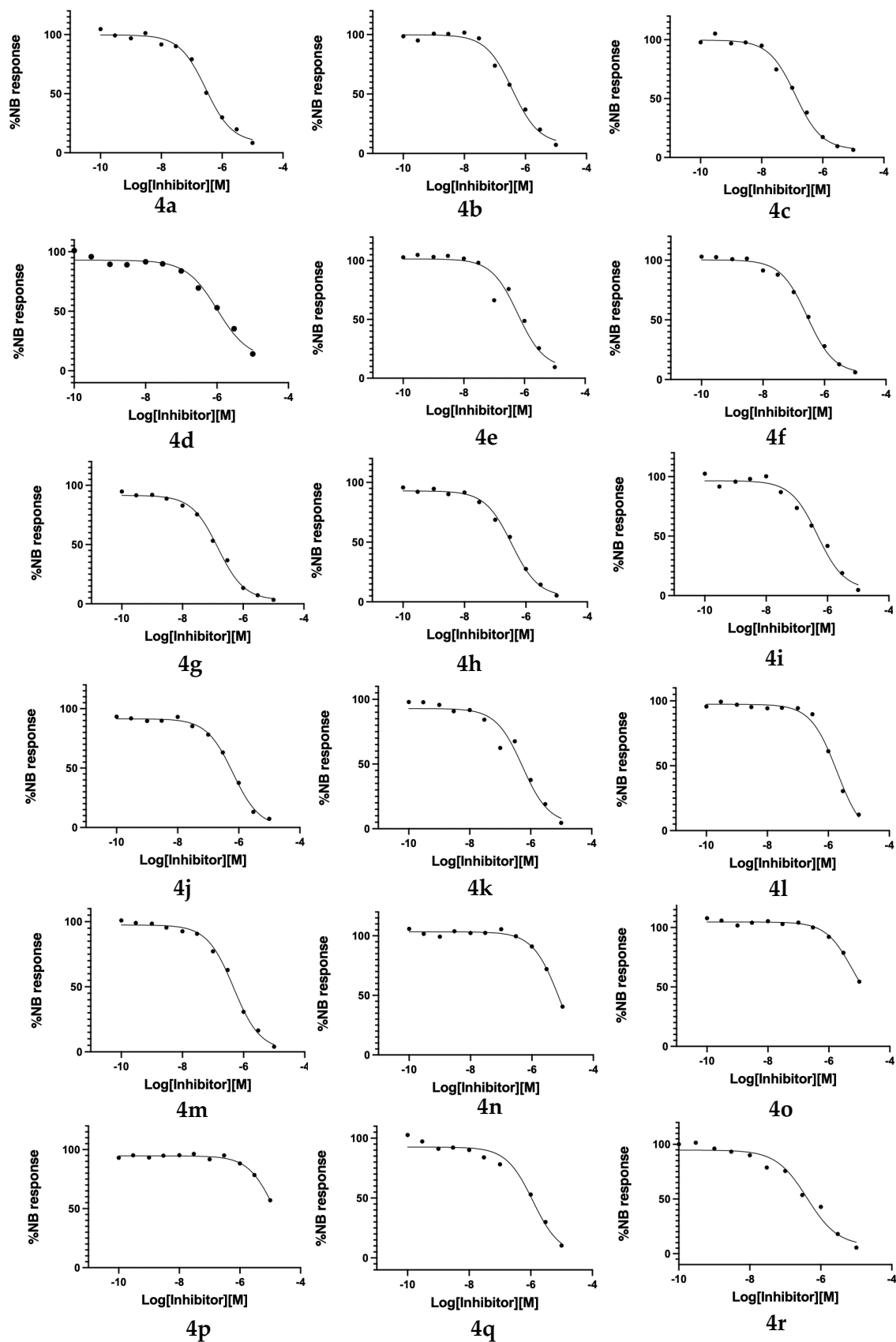
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Figure S1. IC₅₀ curves for CSNK2 NanoBRET assays



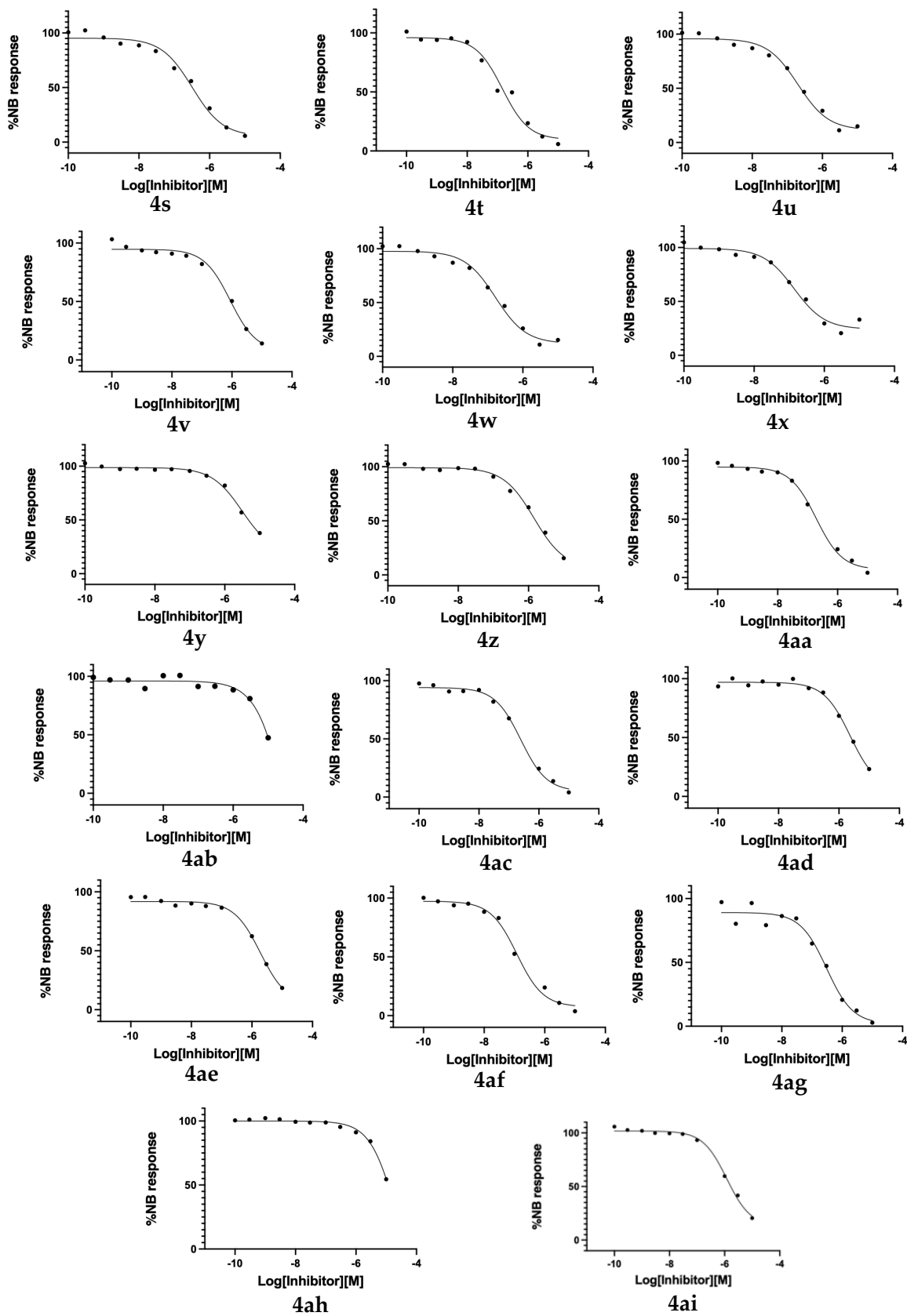
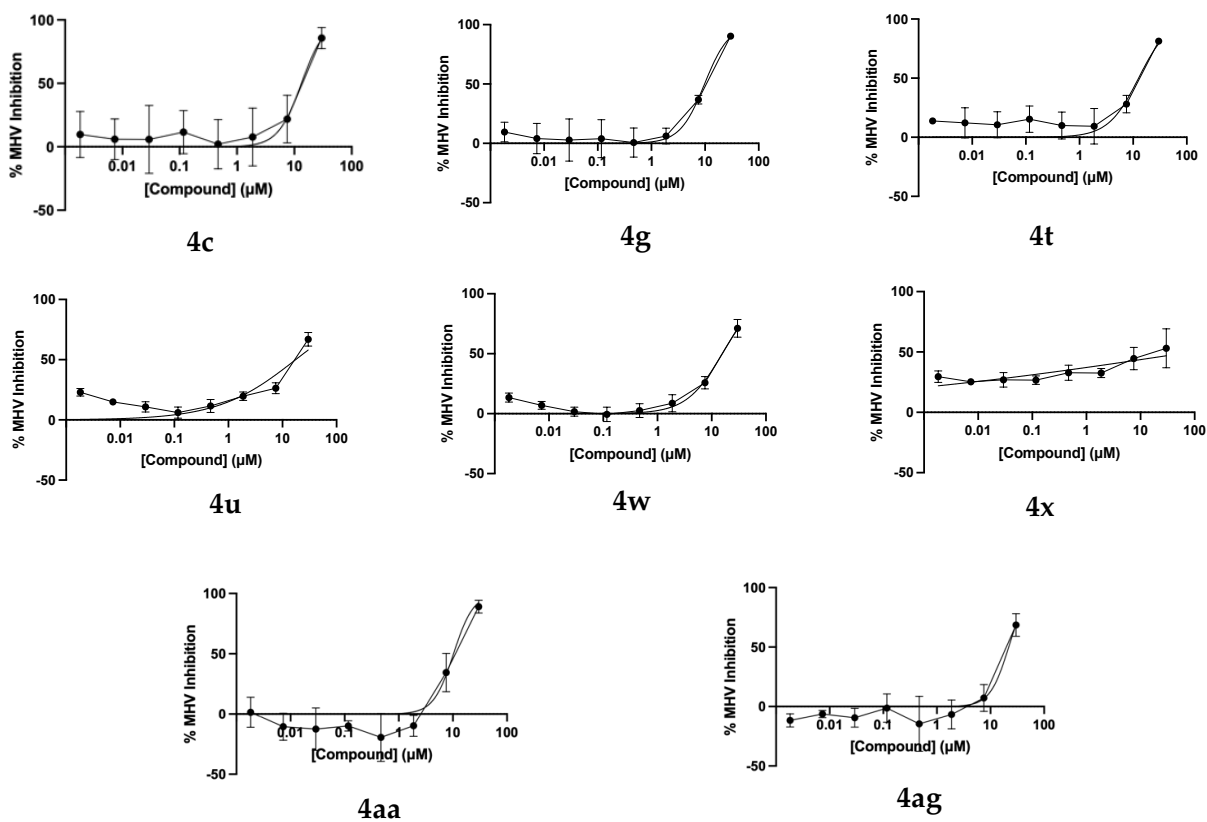


Figure S2. IC₅₀ curves for MHV-NLuc assays



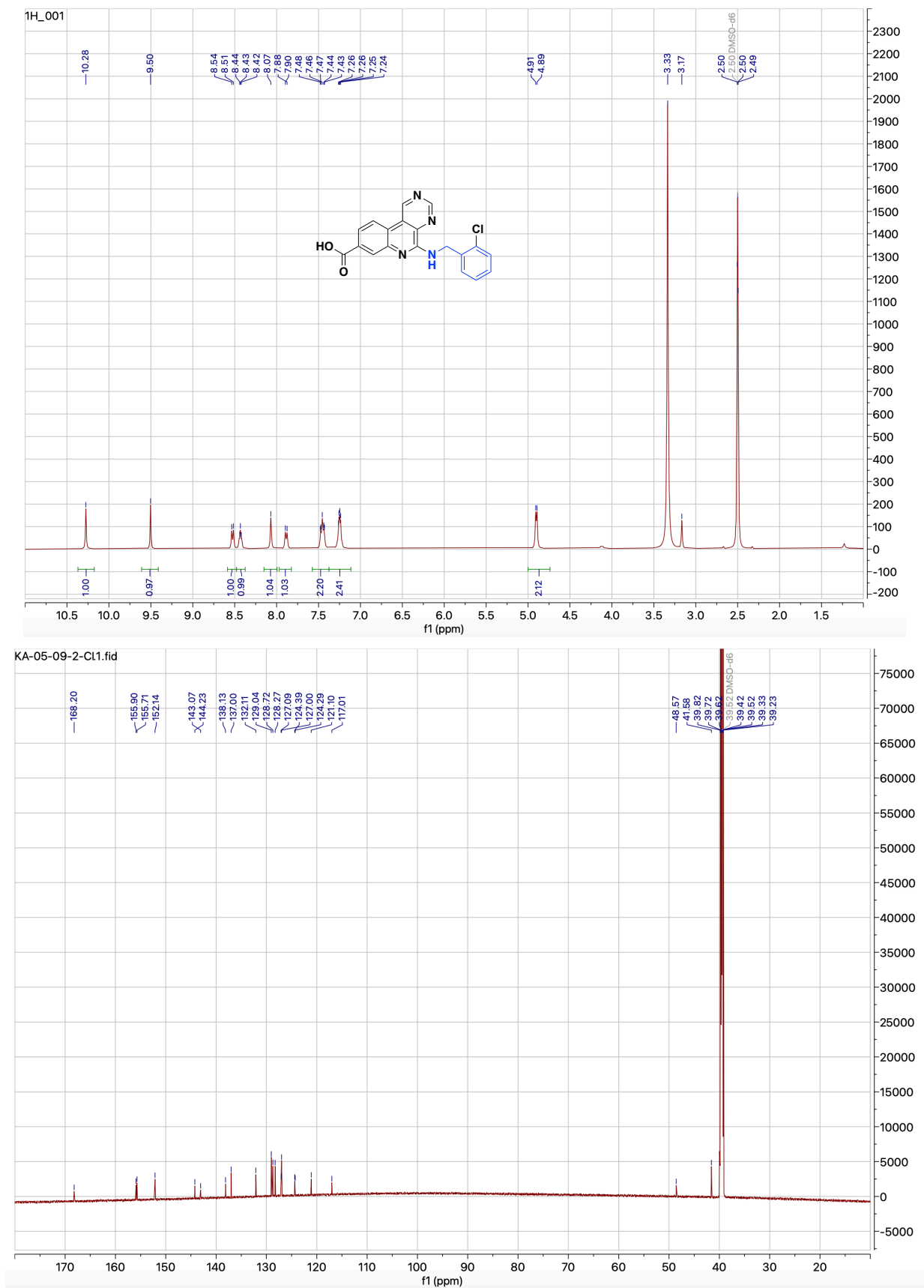


Figure S3. ¹H and ¹³C NMR spectrum of compound 4a

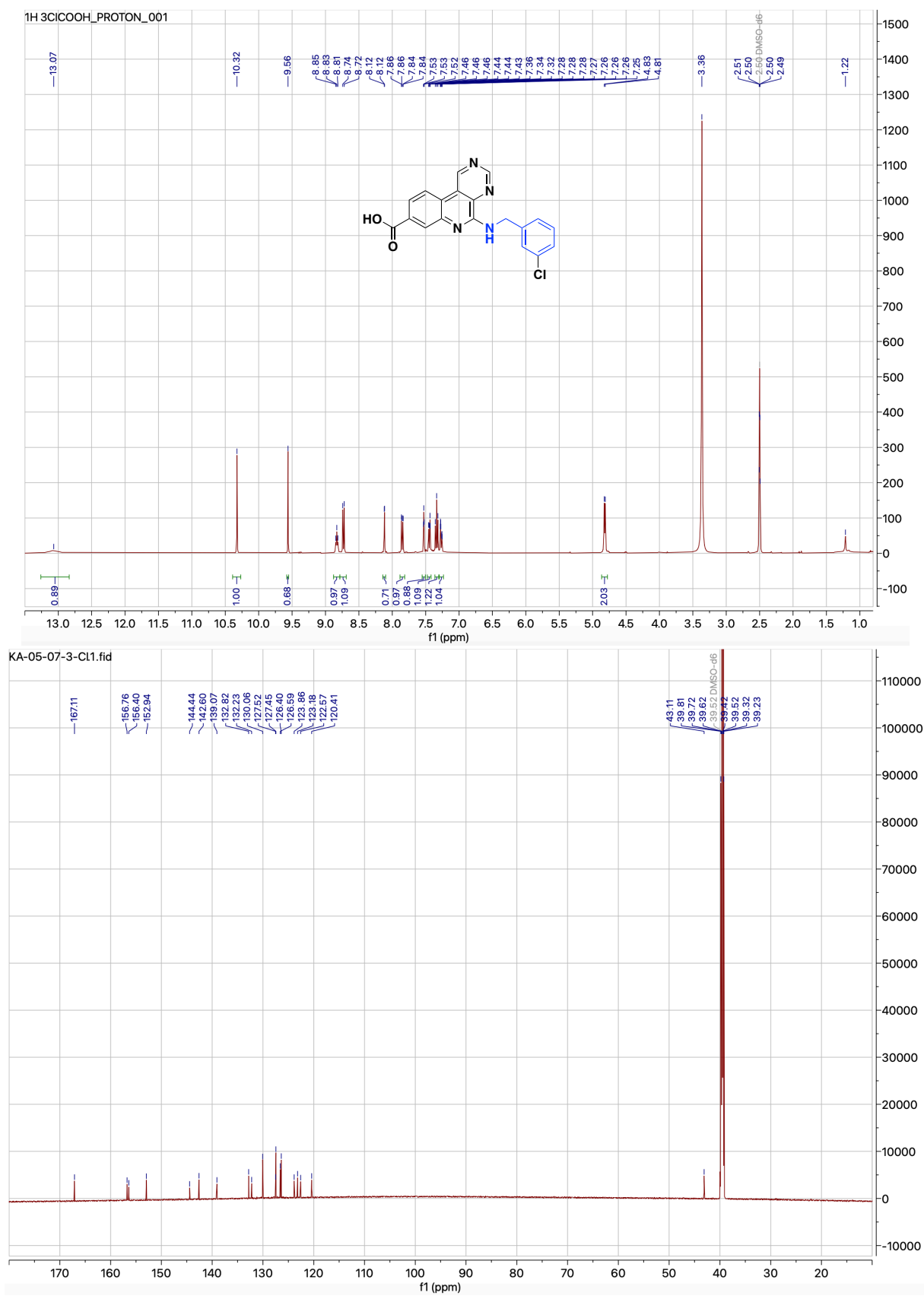


Figure S4. ¹H and ¹³C NMR spectrum of compound **4b**

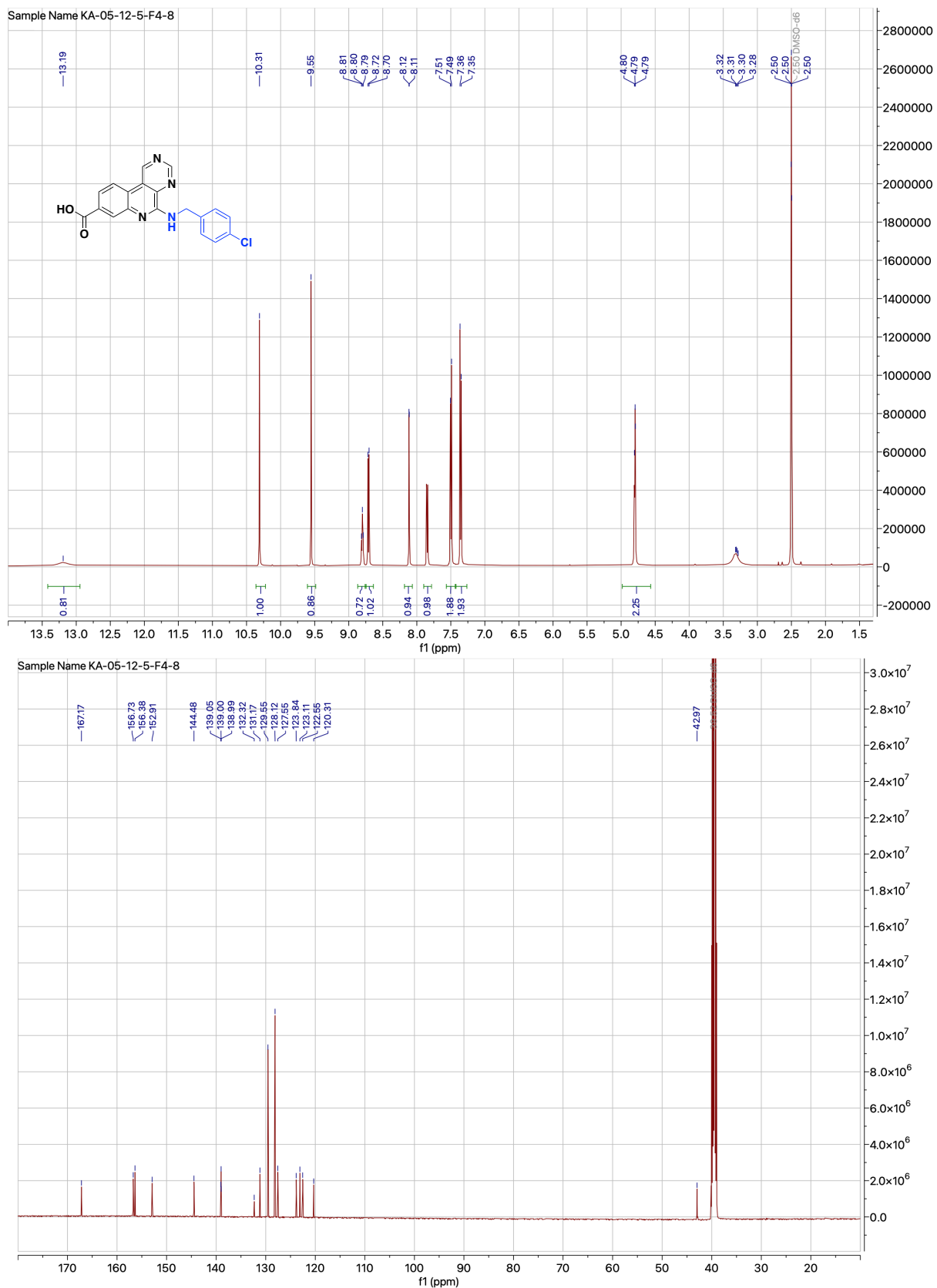


Figure S5. ¹H and ¹³C NMR spectrum of compound 4c

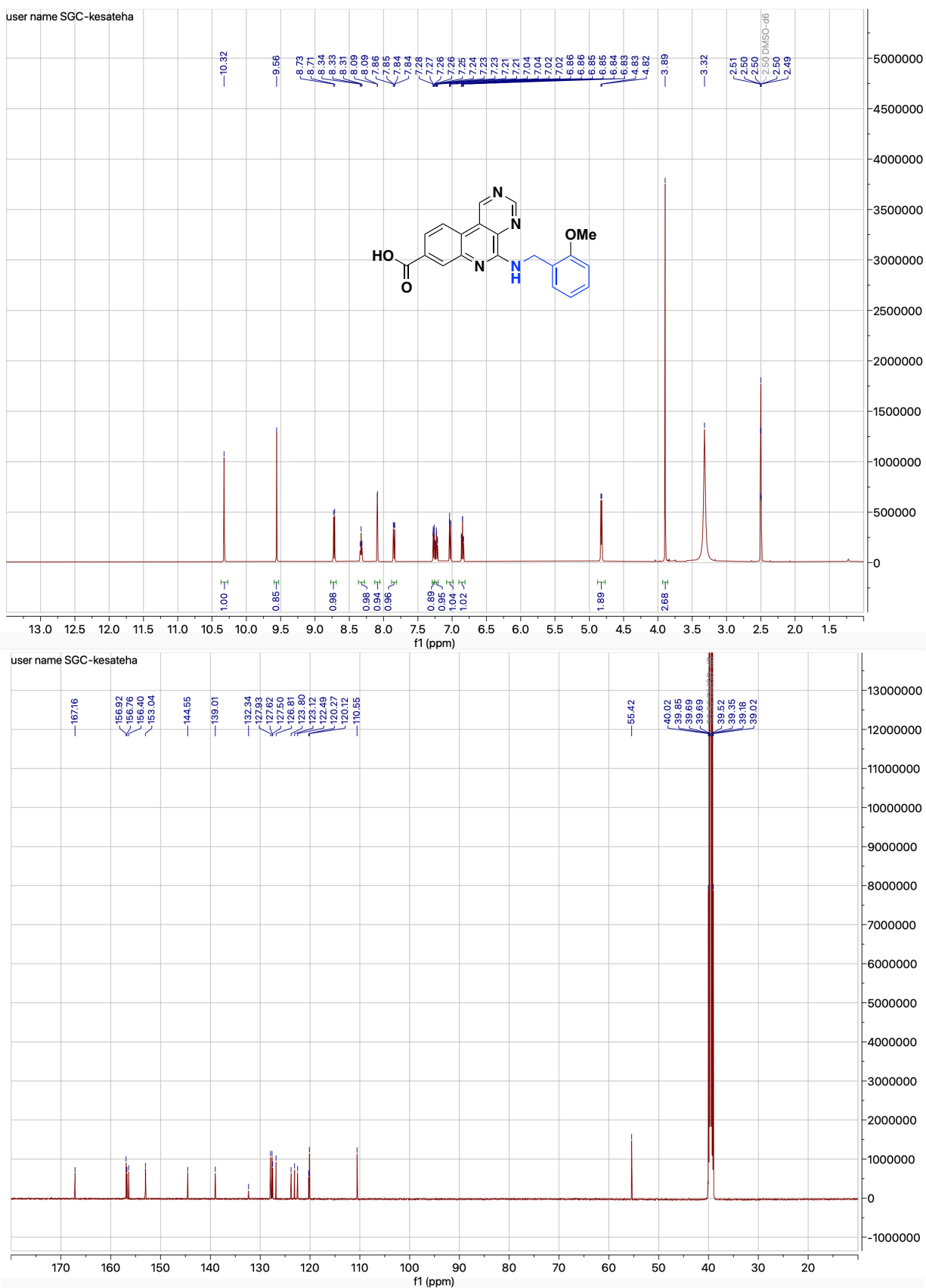
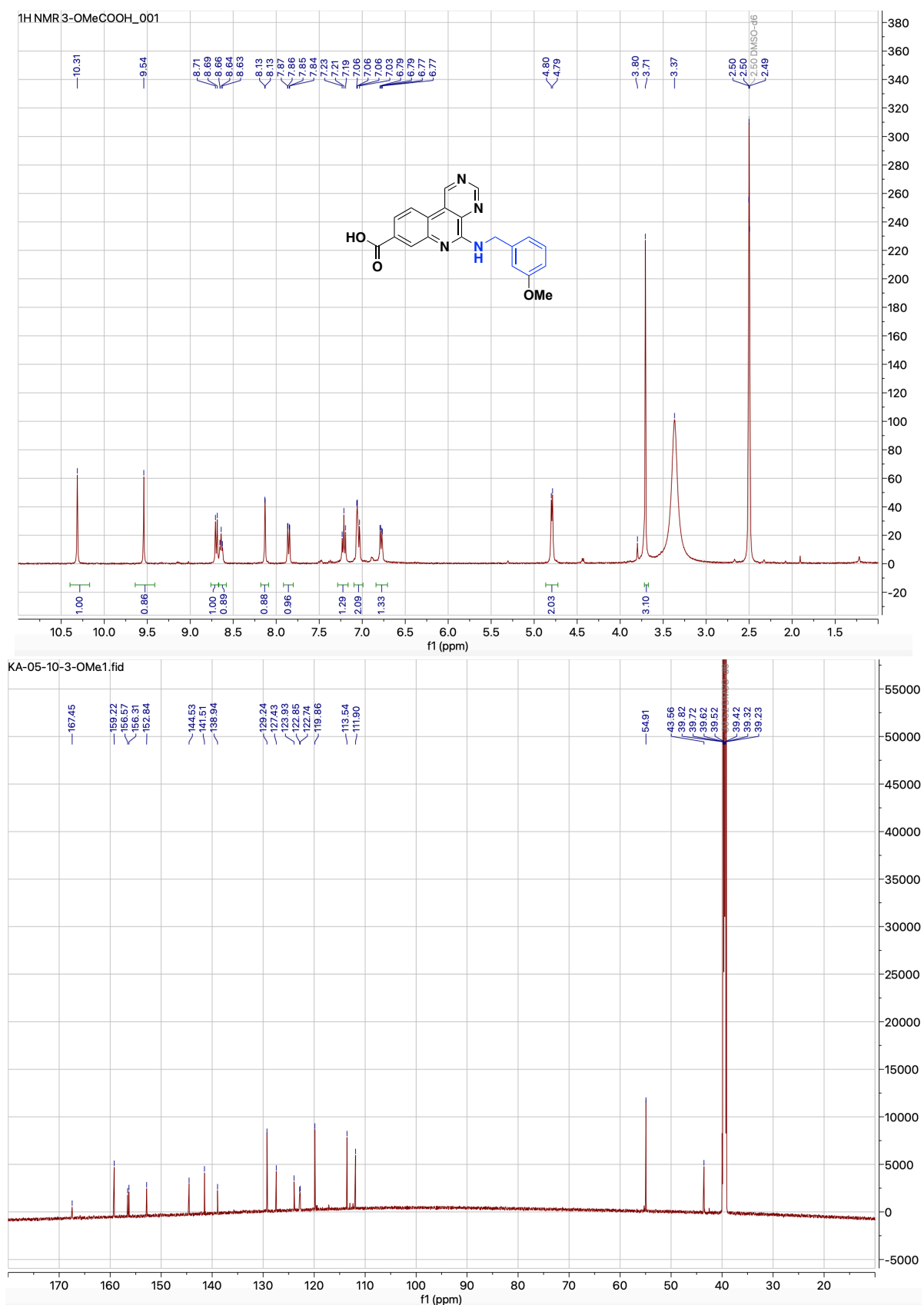


Figure S6. ¹H and ¹³C NMR spectrum of compound **4d**



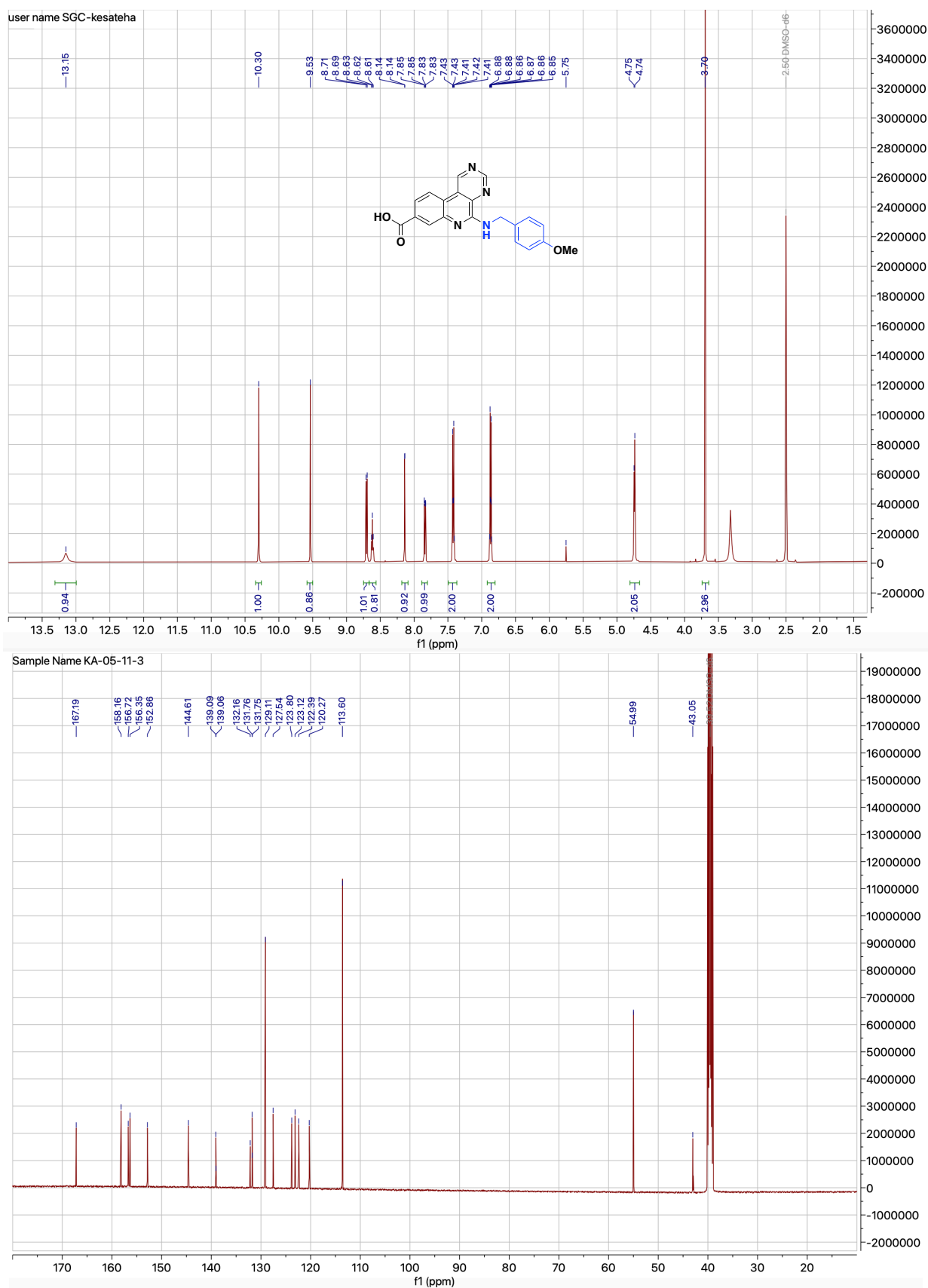


Figure S8. ¹H and ¹³C NMR spectrum of compound 4f

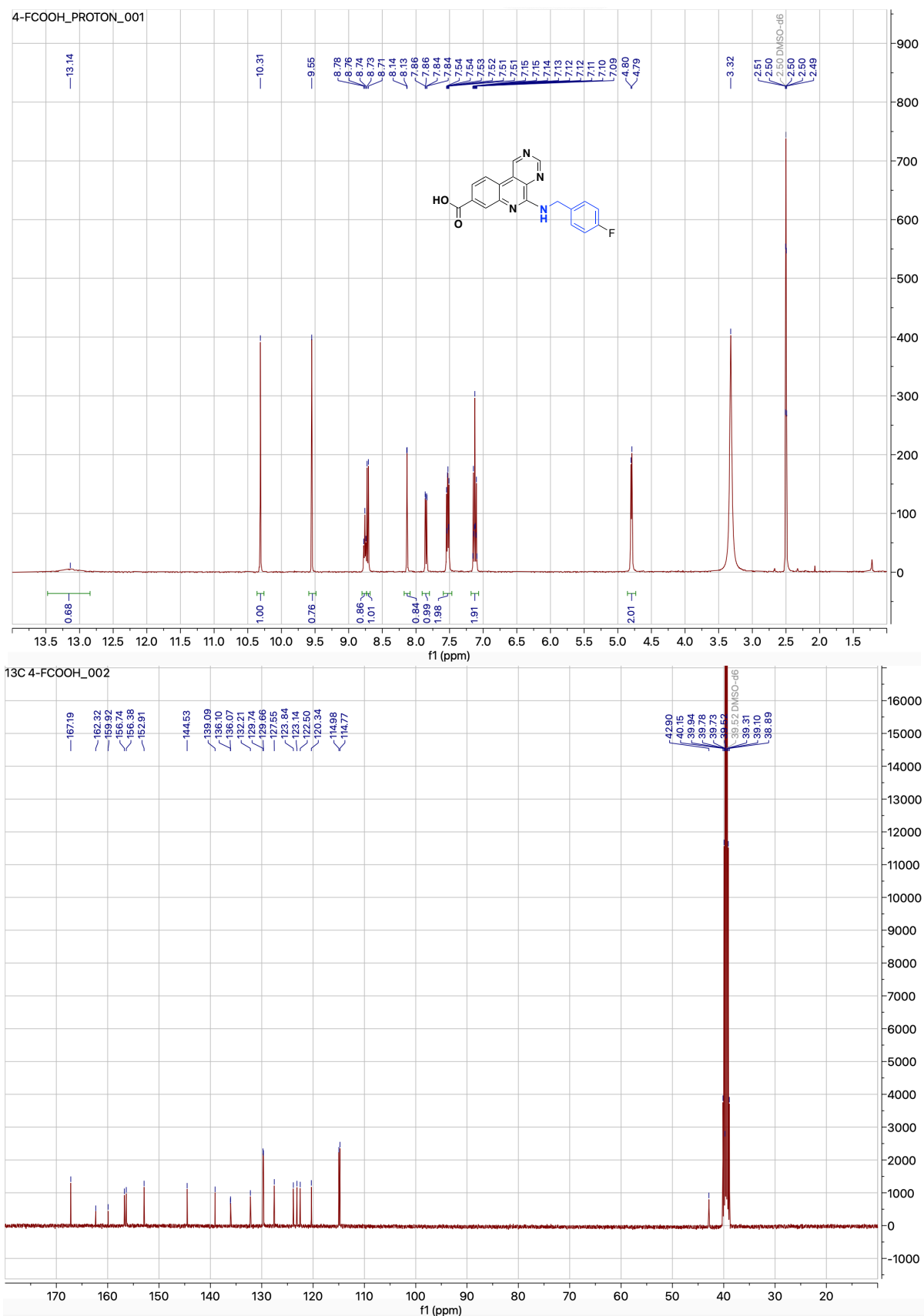


Figure S9. ¹H and ¹³C NMR spectrum of compound 4g

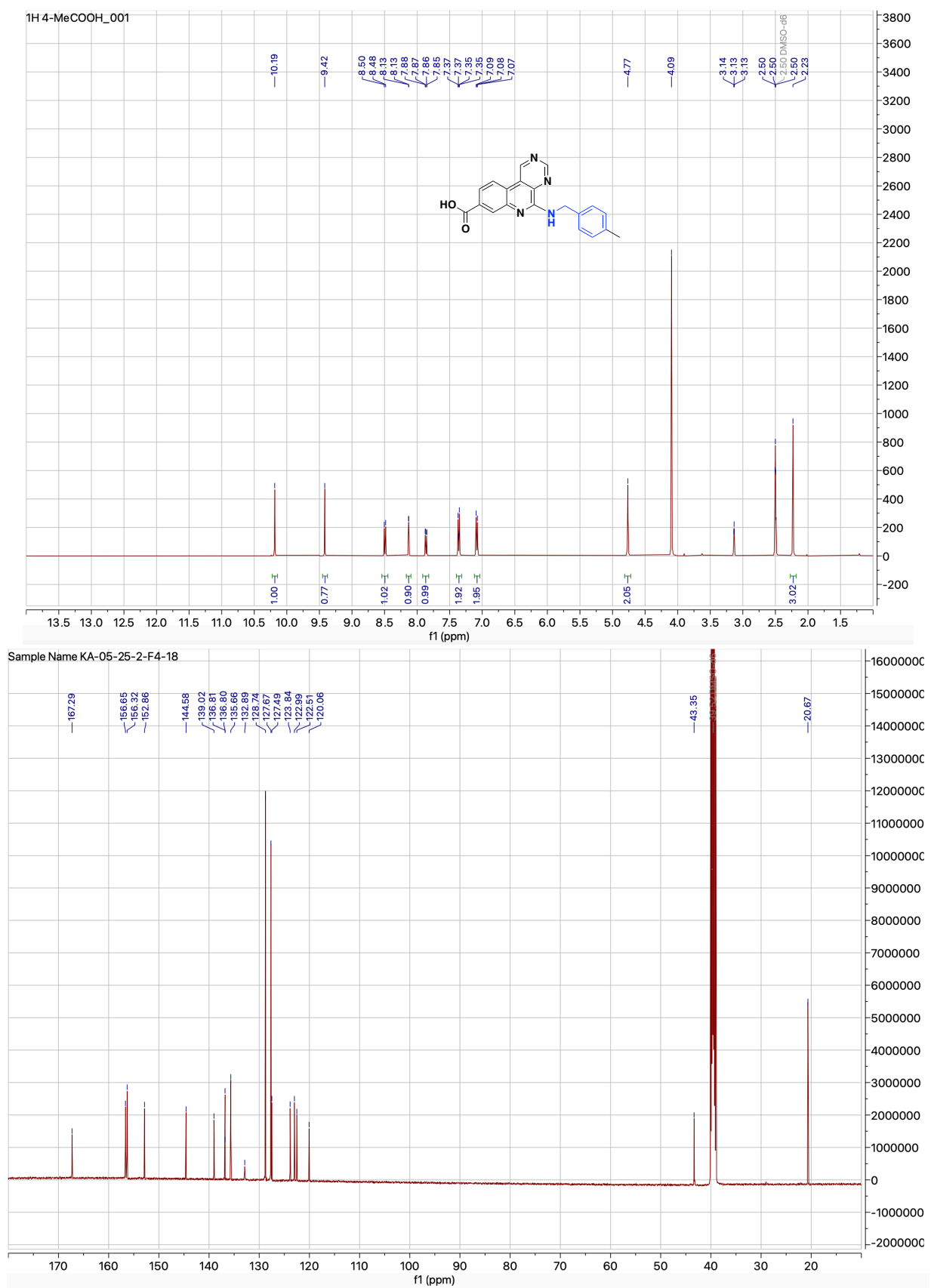


Figure S10. ¹H and ¹³C NMR spectrum of compound 4h

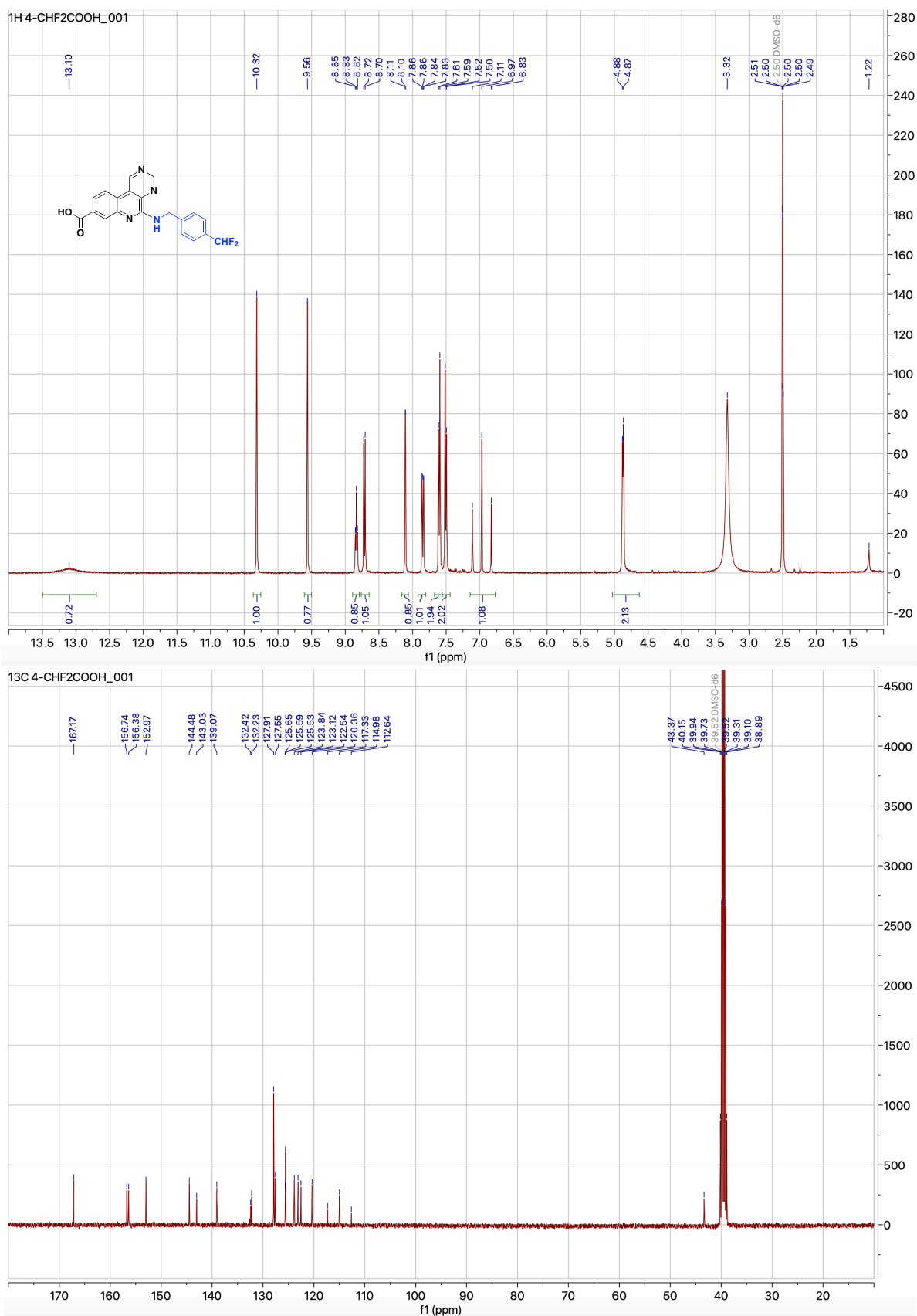


Figure S11. ¹H and ¹³C NMR spectrum of compound 4i

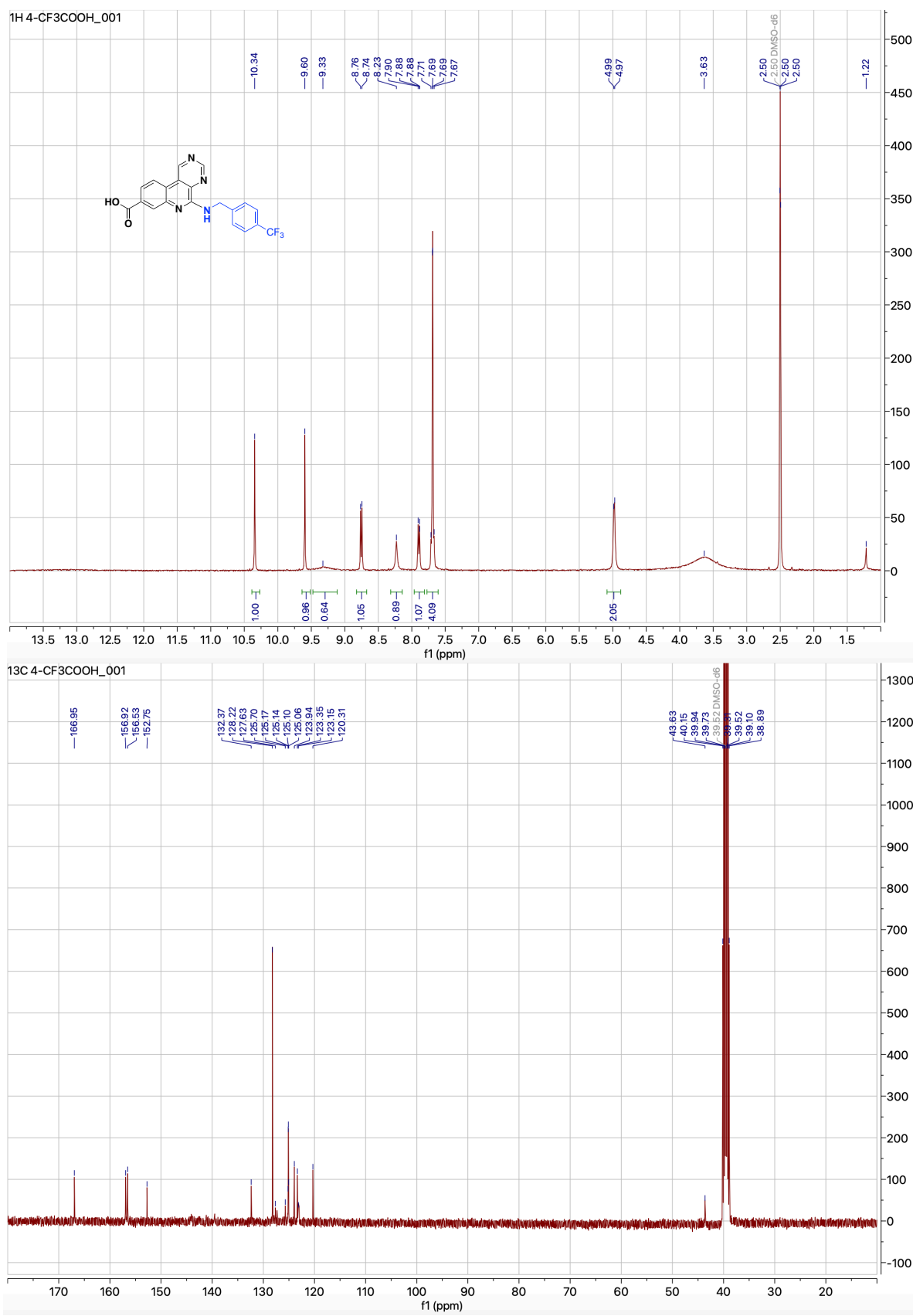


Figure S12. ¹H and ¹³C NMR spectrum of compound 4j

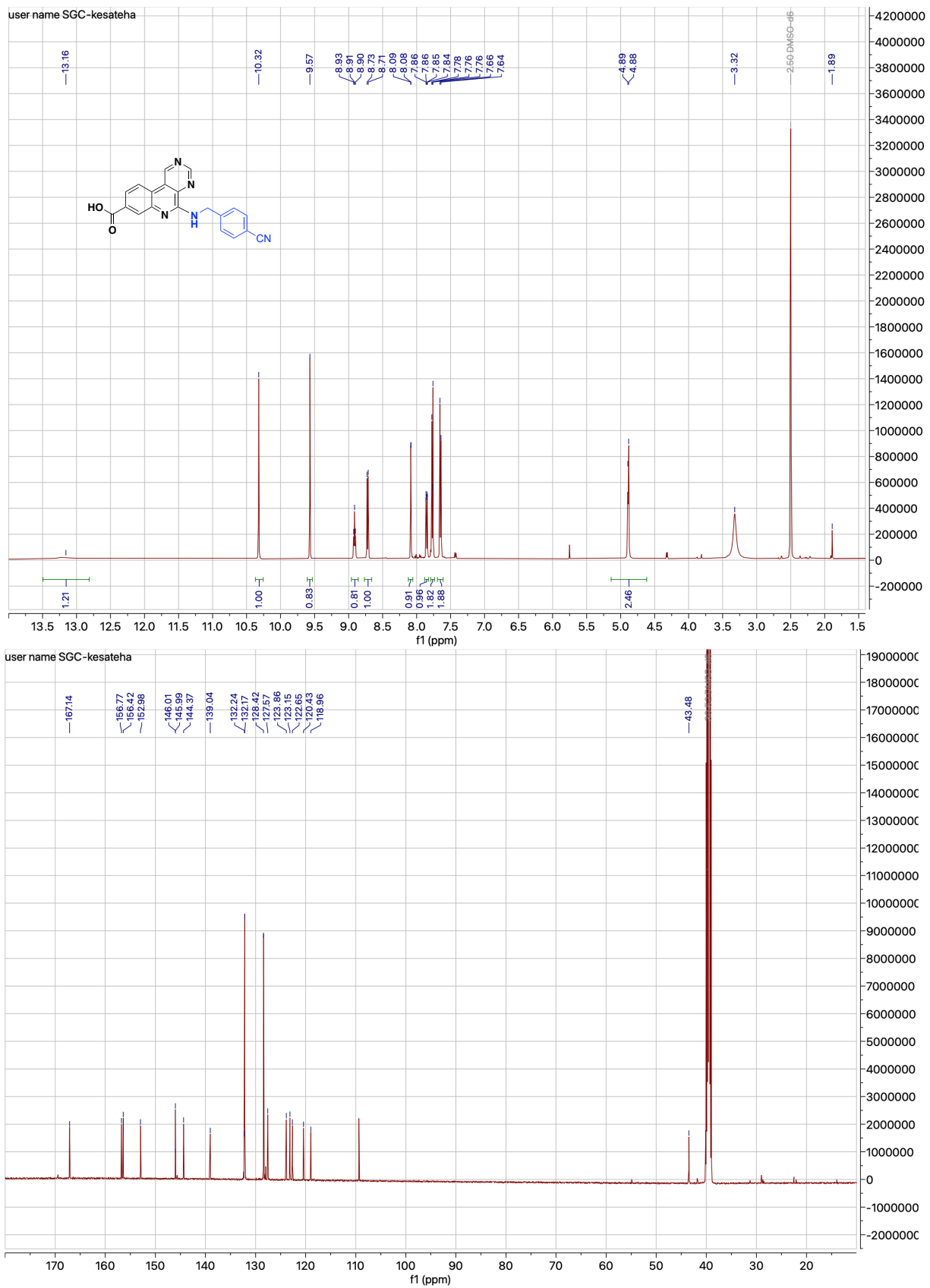


Figure S13. ¹H and ¹³C NMR spectrum of compound 4k

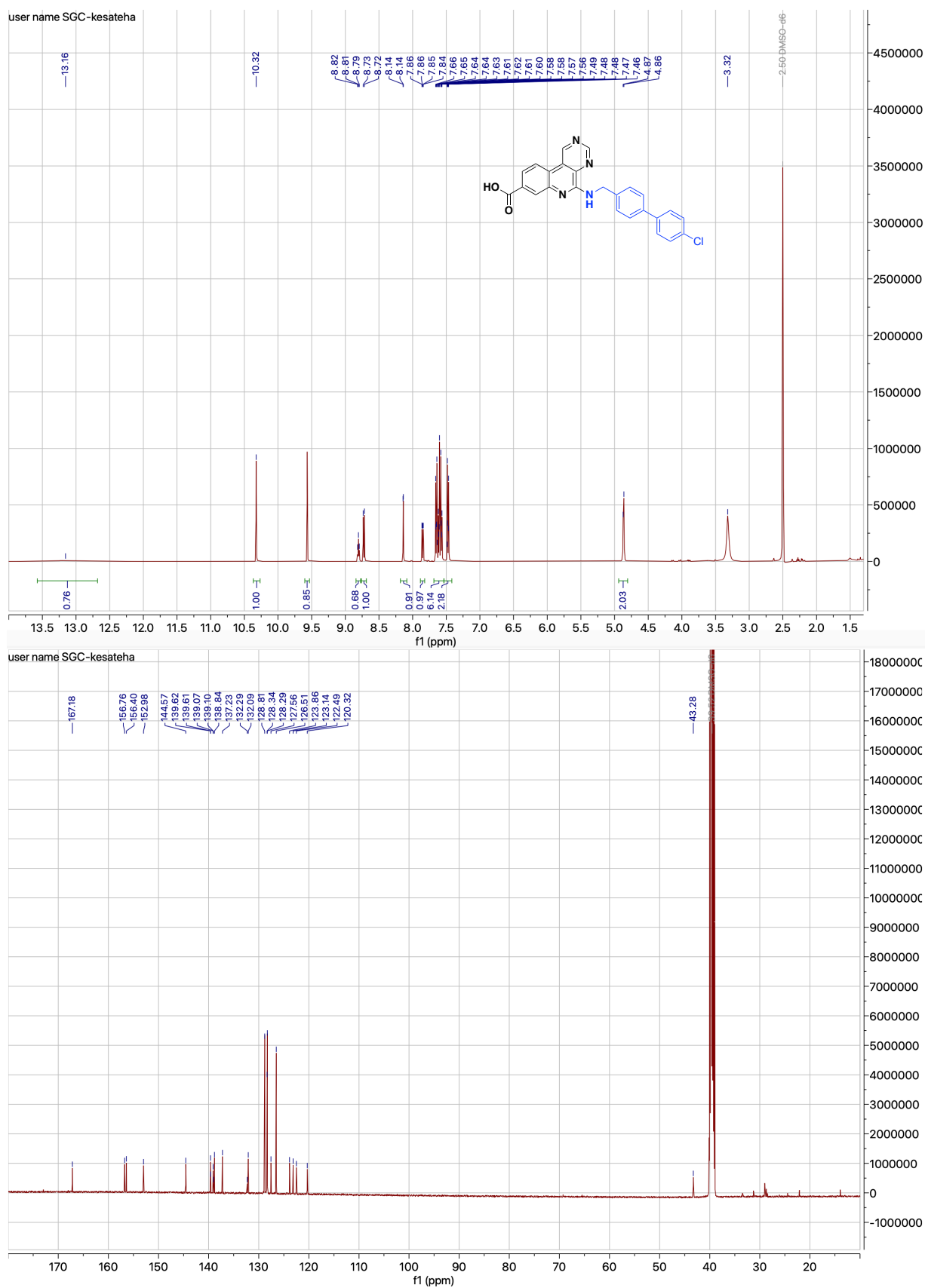


Figure S14. ¹H and ¹³C NMR spectrum of compound 41

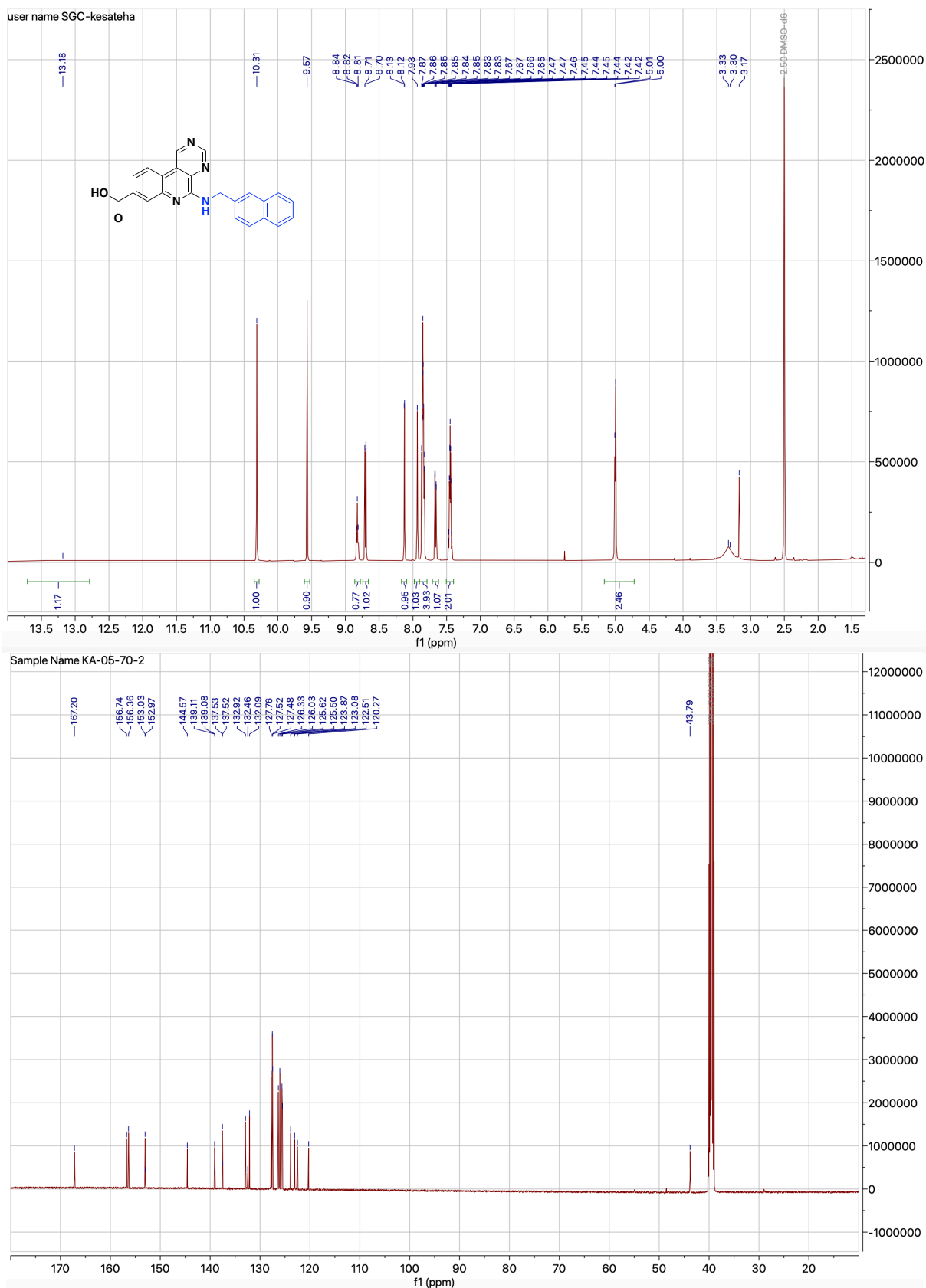


Figure S15. ¹H and ¹³C NMR spectrum of compound 4m

7KA-05-15-2-PicoCO2H_001

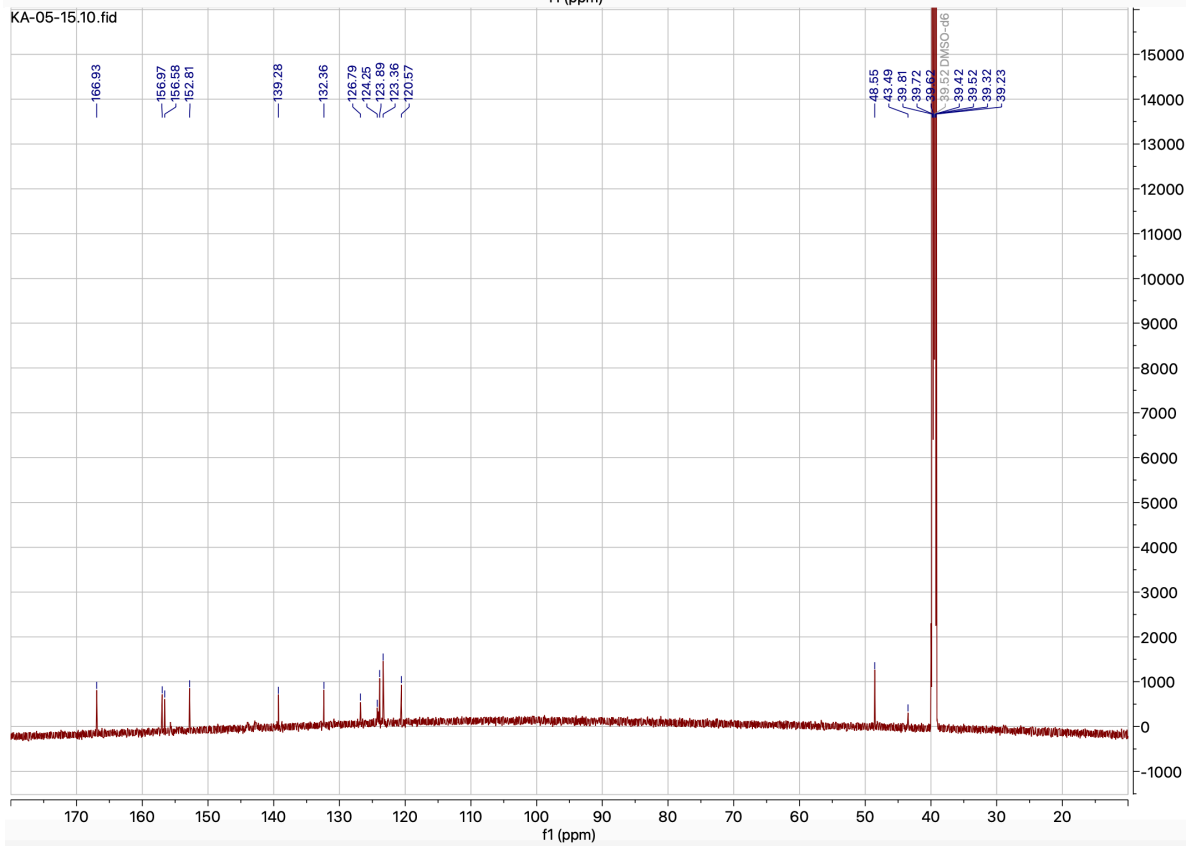
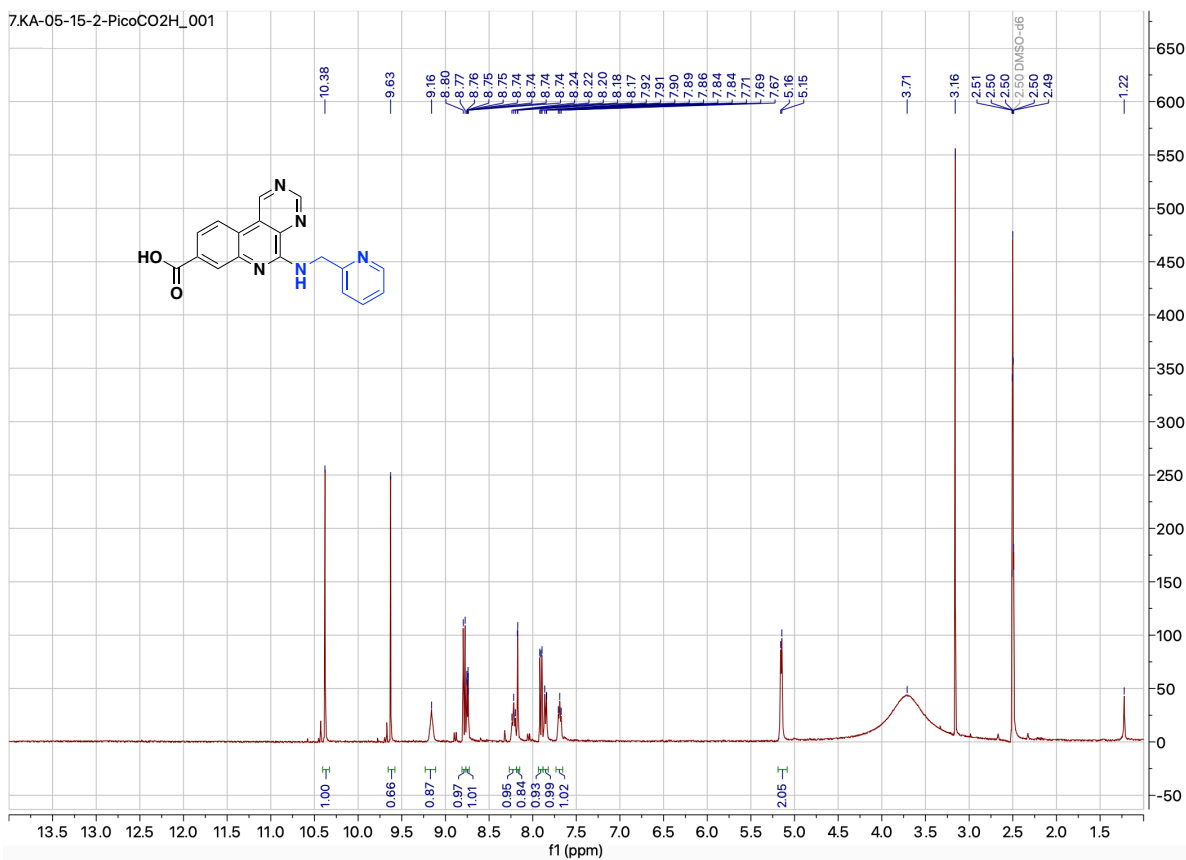


Figure S16. ¹H and ¹³C NMR spectrum of compound 4n

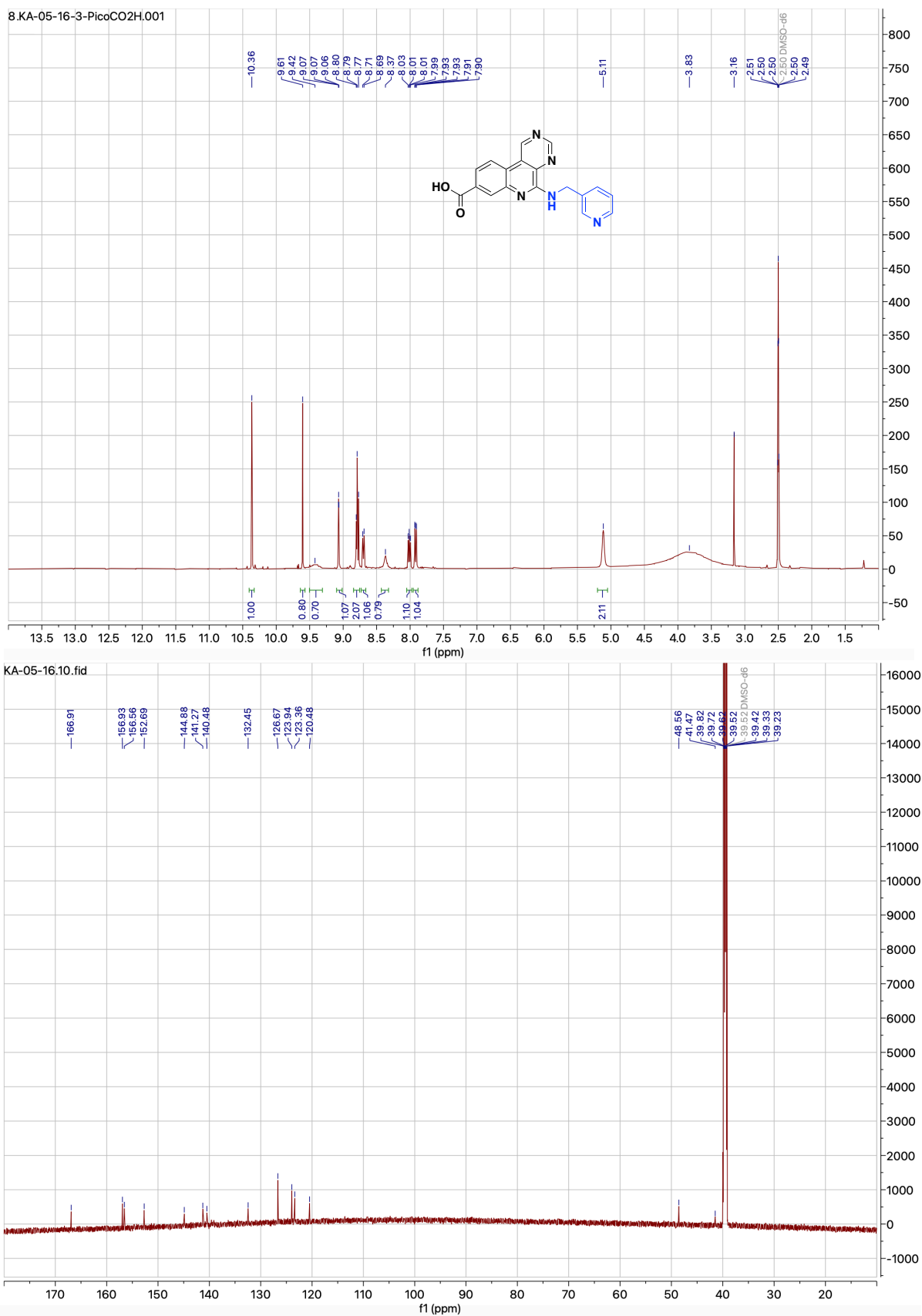


Figure S17. ¹H and ¹³C NMR spectrum of compound 40

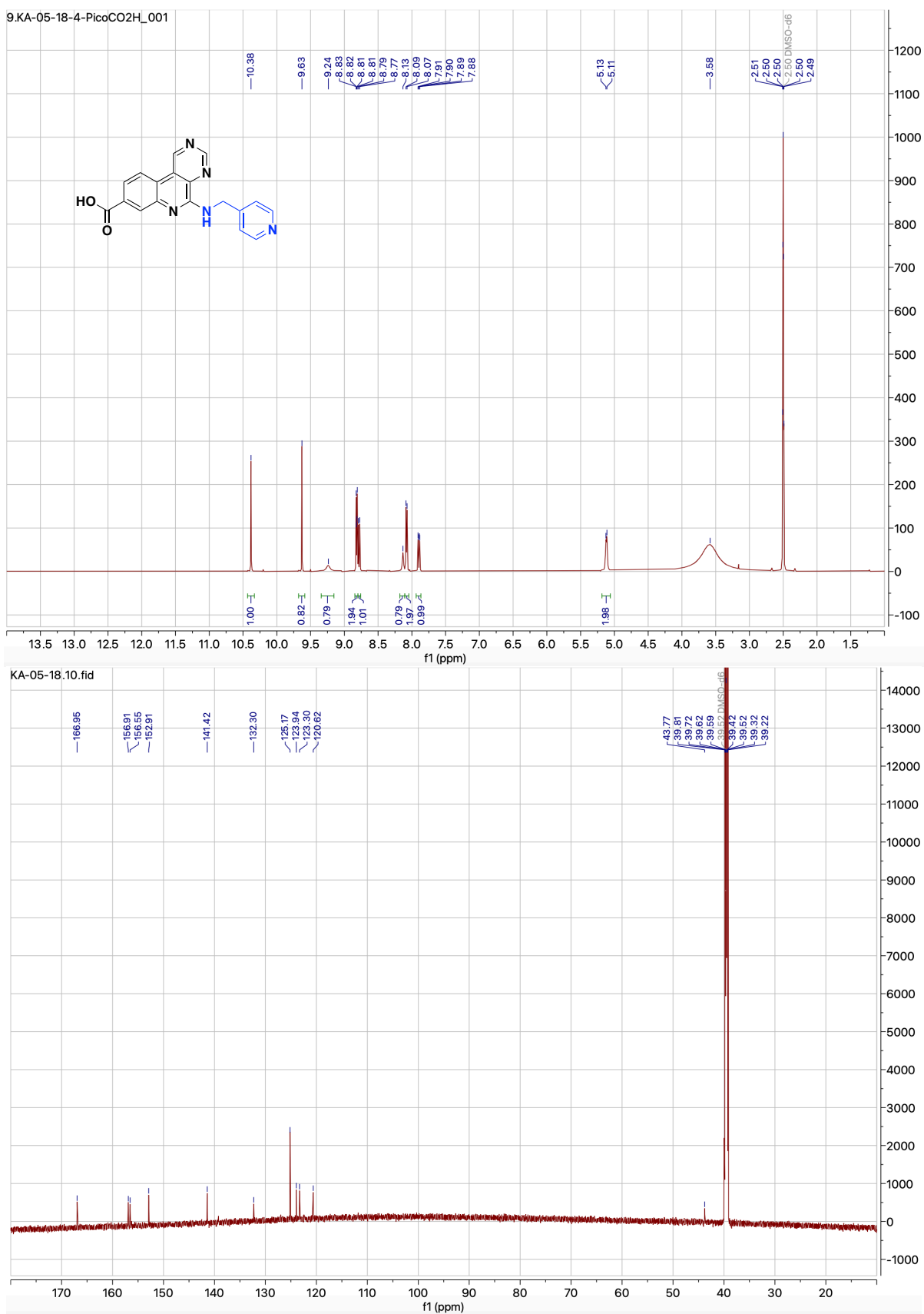


Figure S18. ¹H and ¹³C NMR spectrum of compound 4p

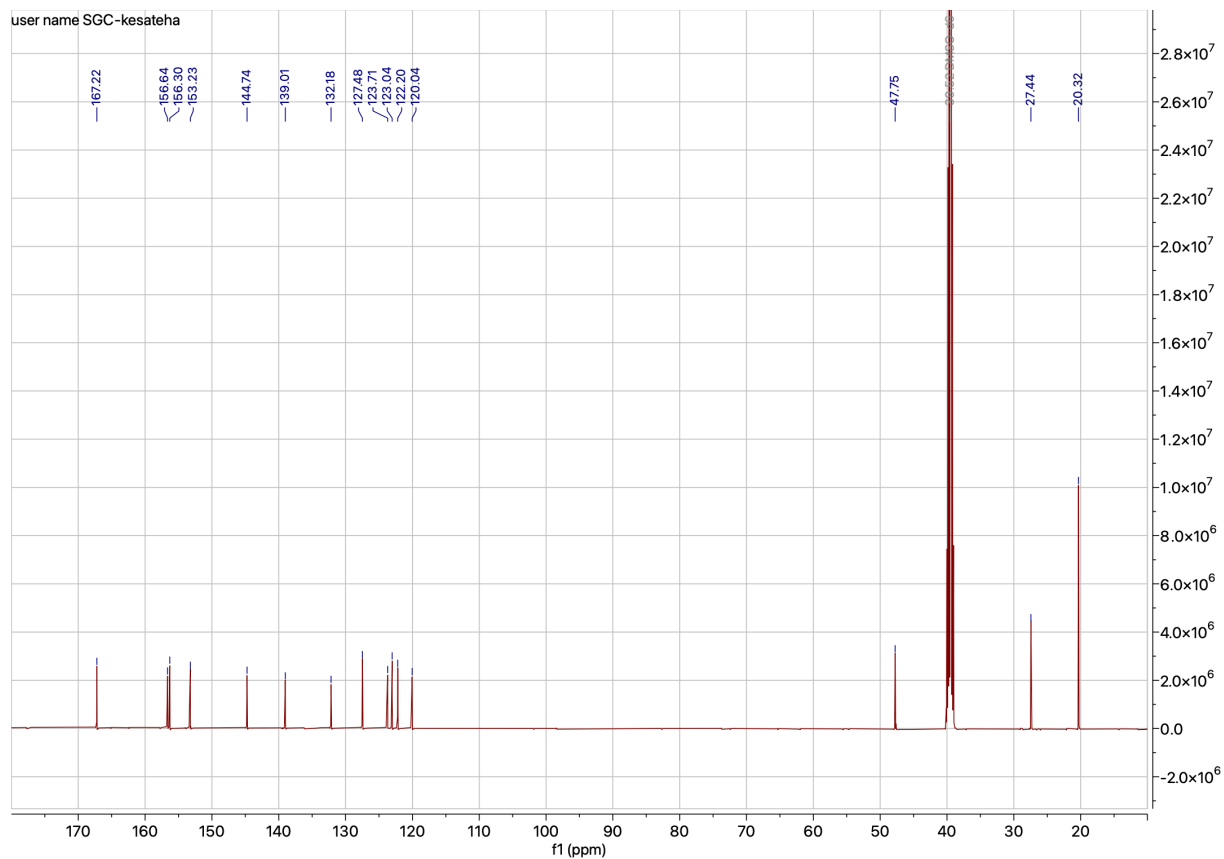
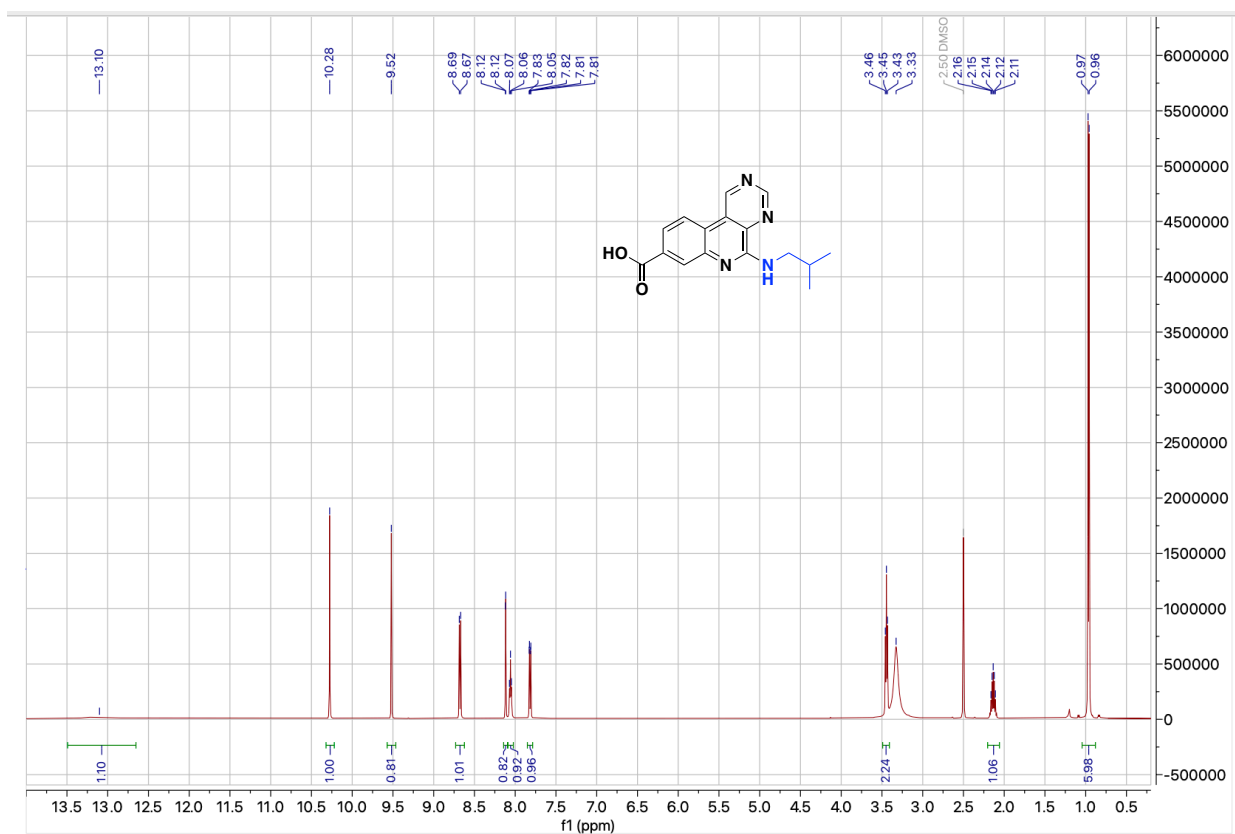


Figure S19. ¹H and ¹³C NMR spectrum of compound 4q

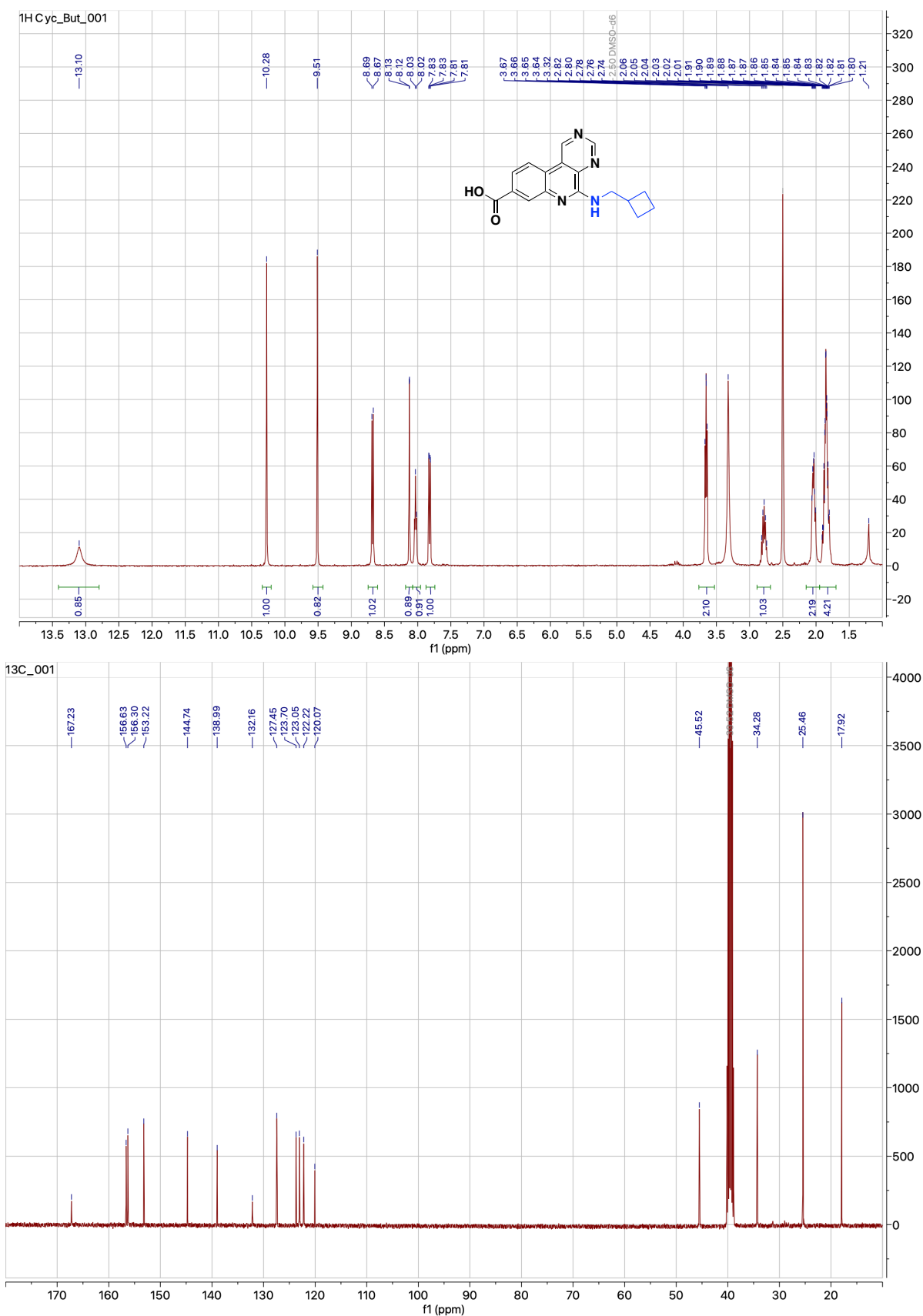
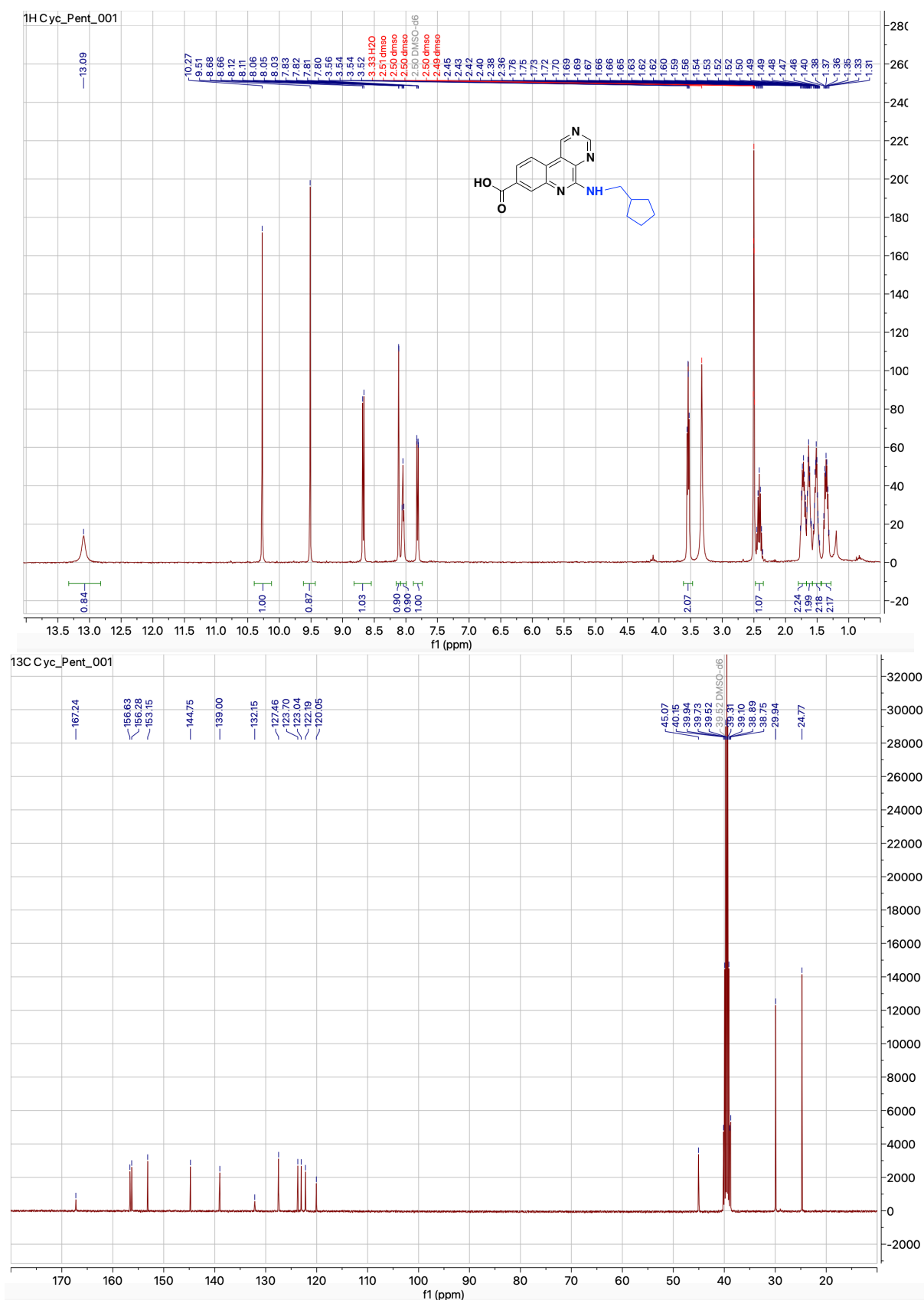
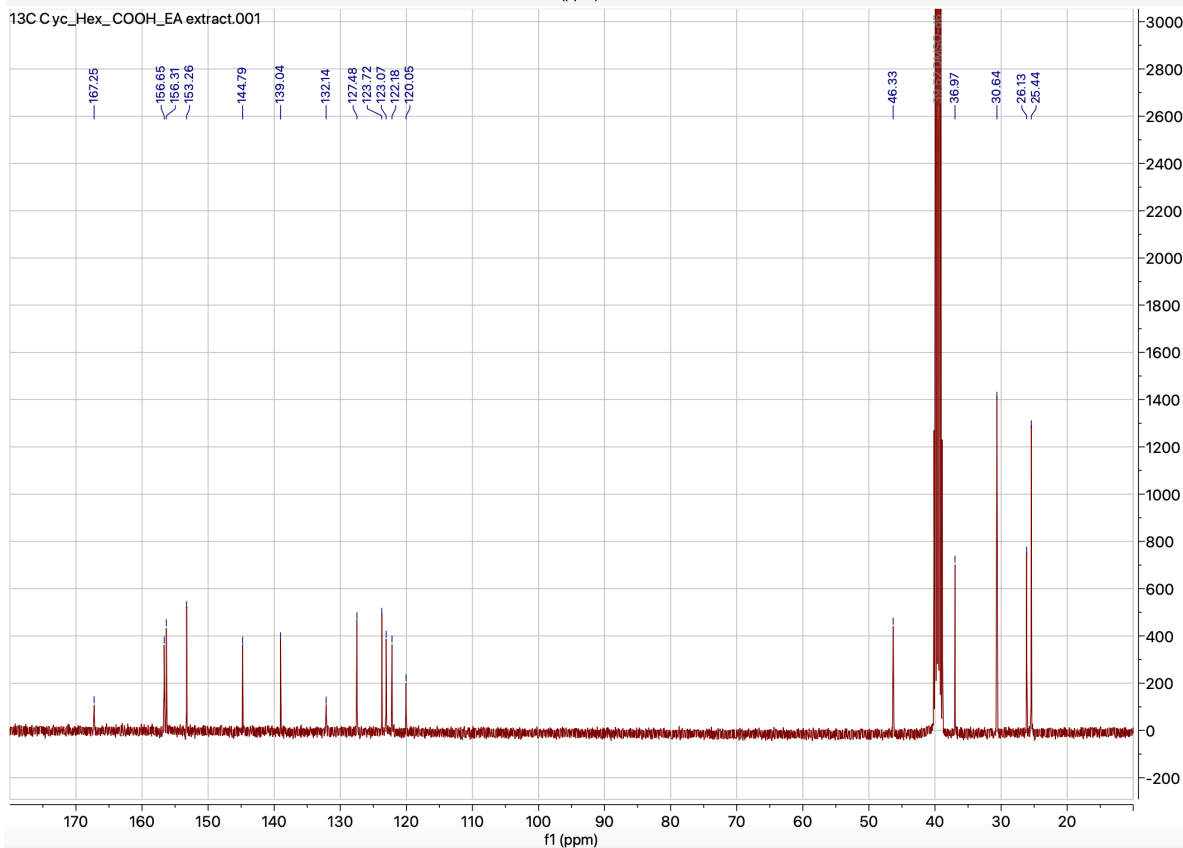
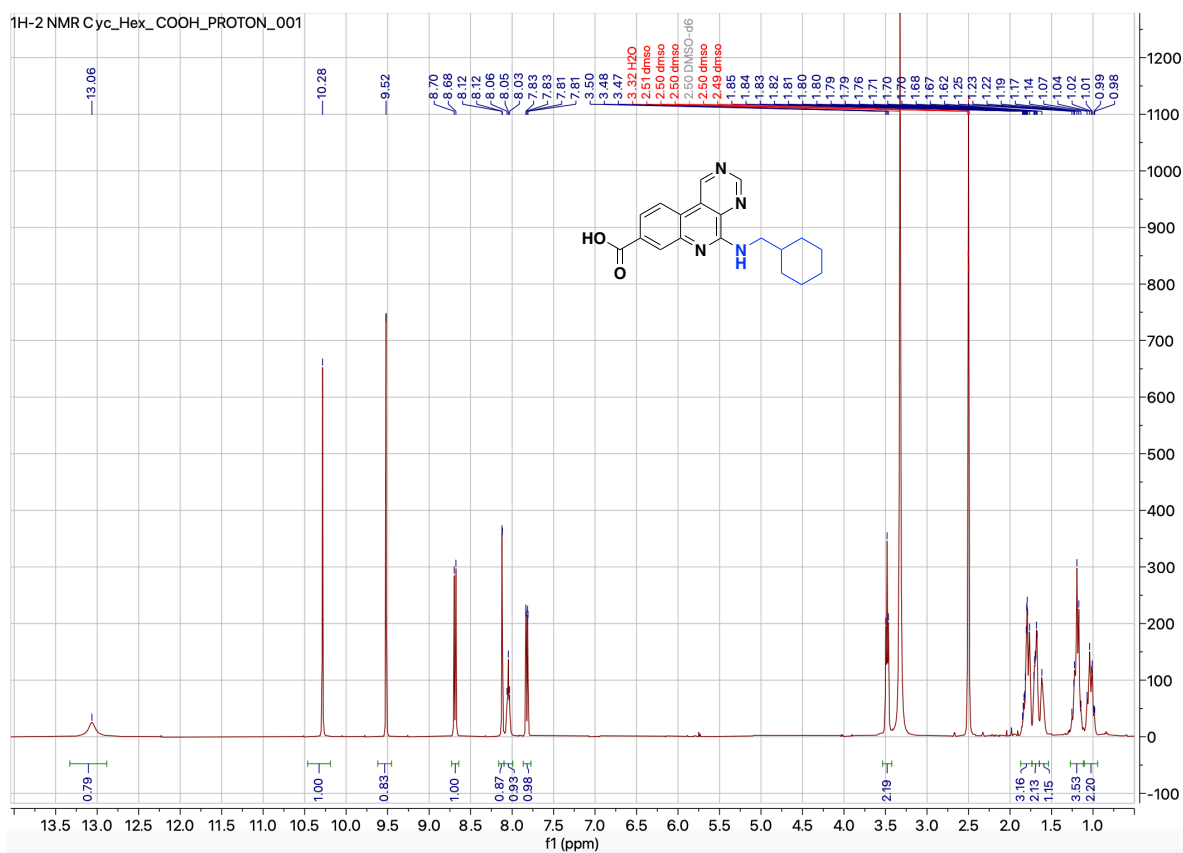


Figure S20. ¹H and ¹³C NMR spectrum of compound 4r





b ¹H and ¹³C NMR spectrum of compound 4t

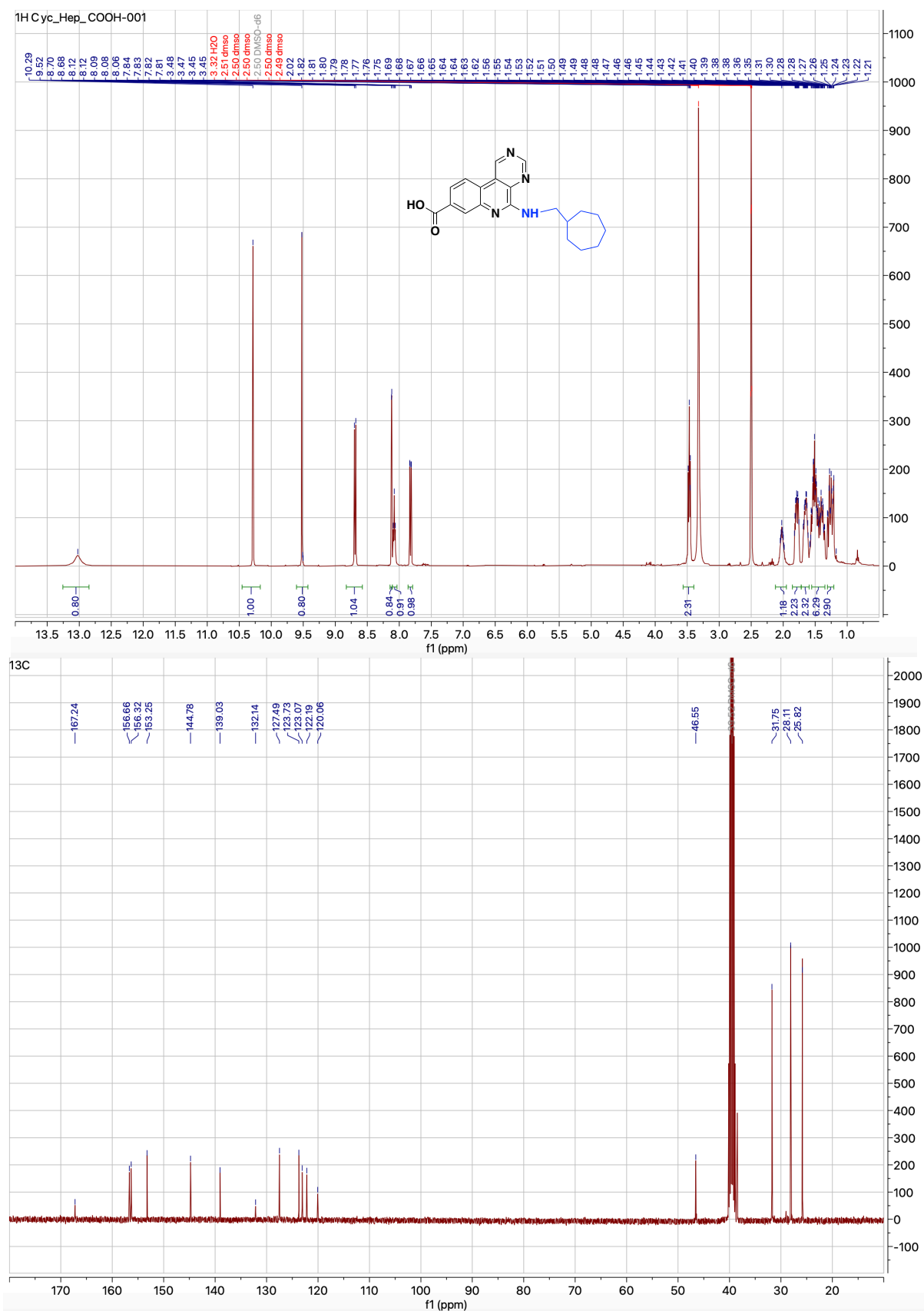


Figure S23. ¹H and ¹³C NMR spectrum of compound 4u

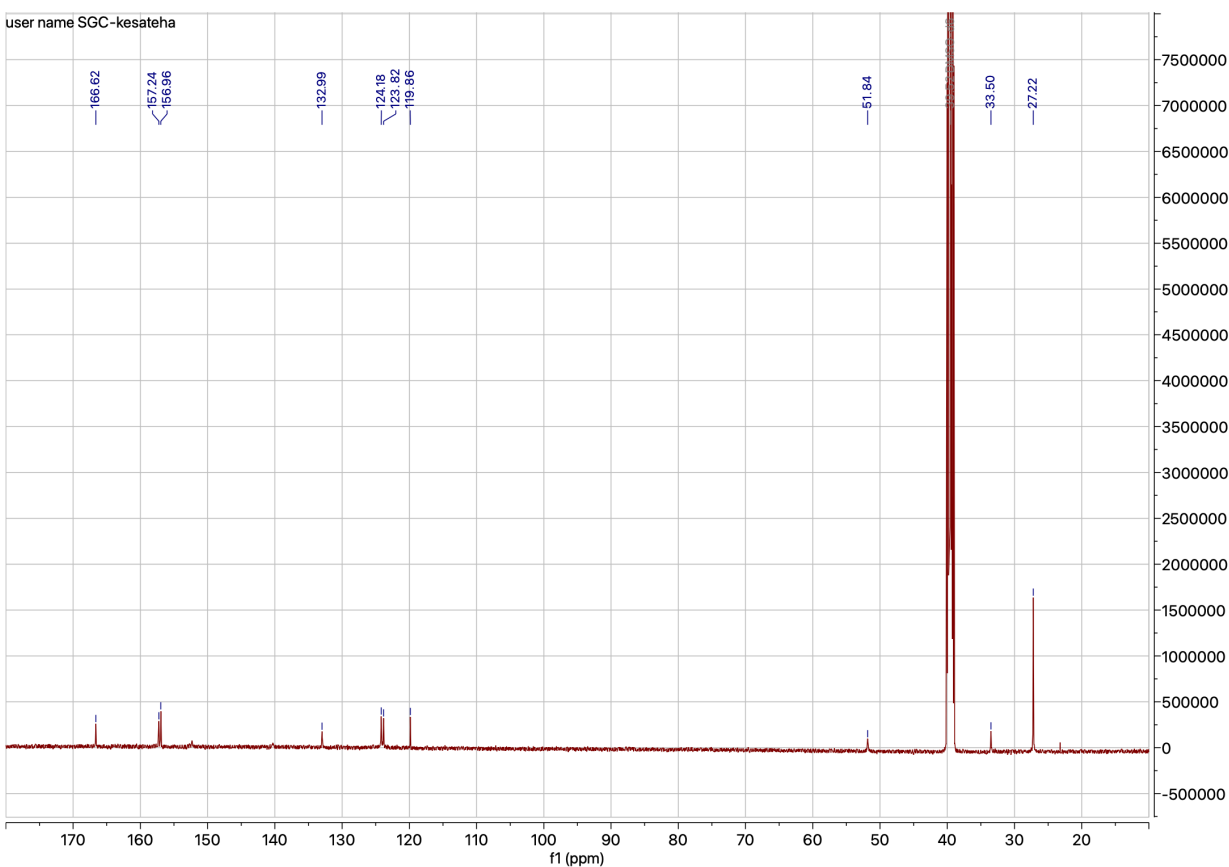
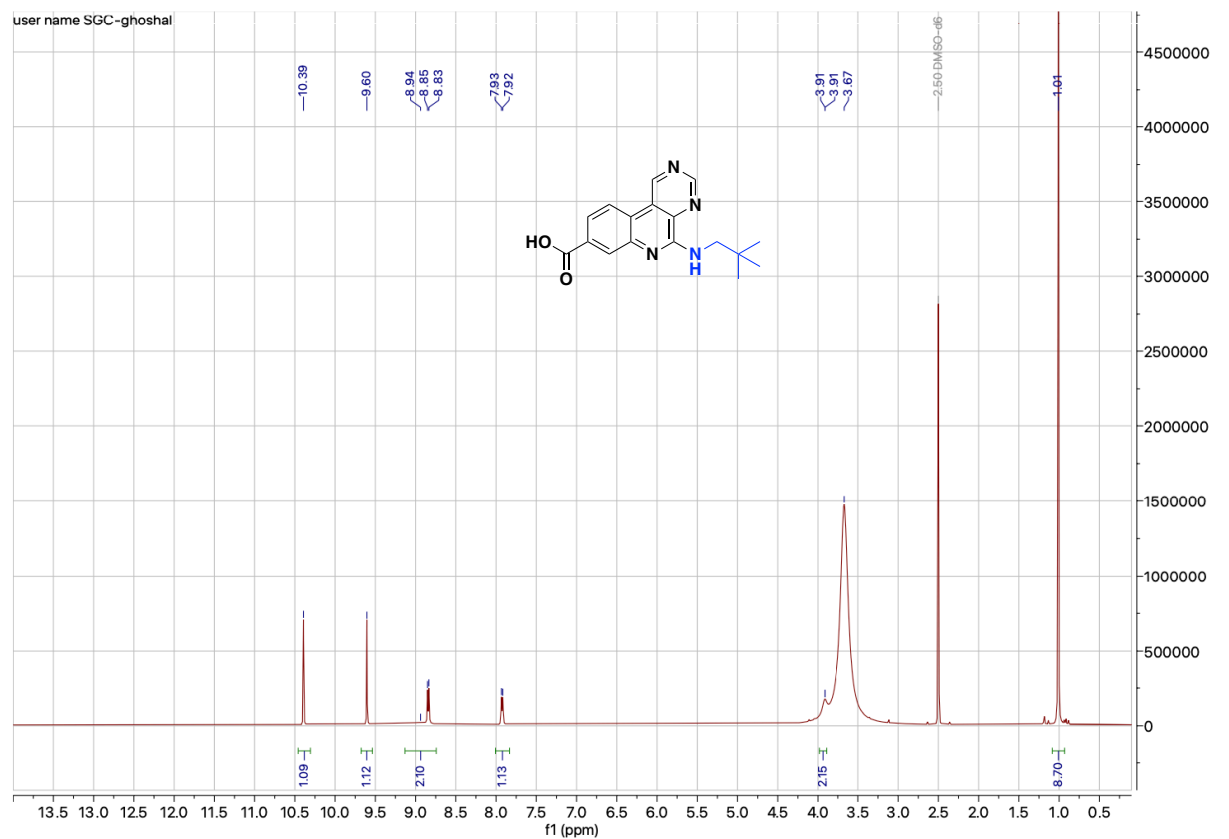


Figure S24. ¹H and ¹³C NMR spectrum of compound 4v

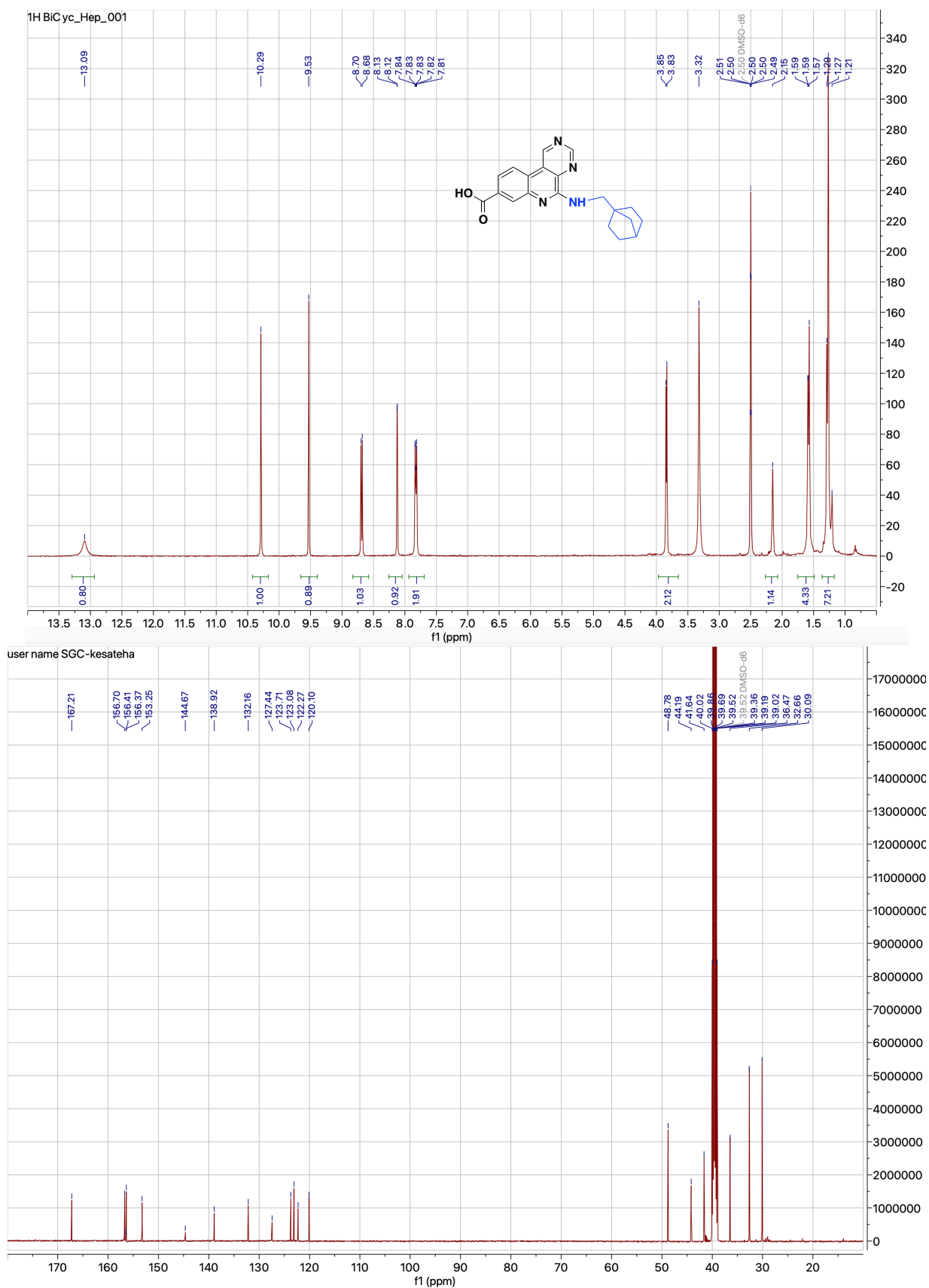


Figure S25. ¹H and ¹³C NMR spectrum of compound 4w

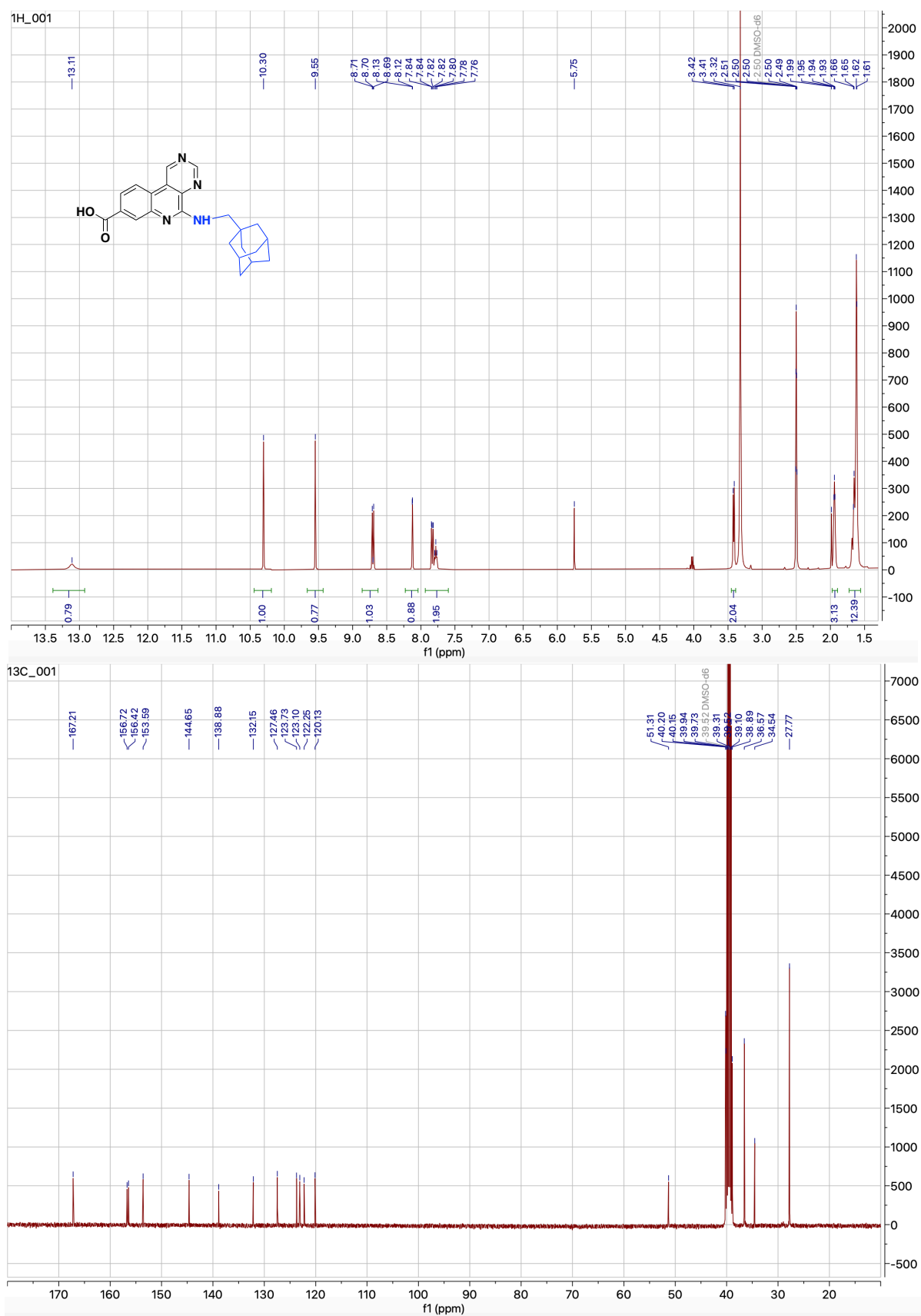


Figure S26. ¹H and ¹³C NMR spectrum of compound 4x

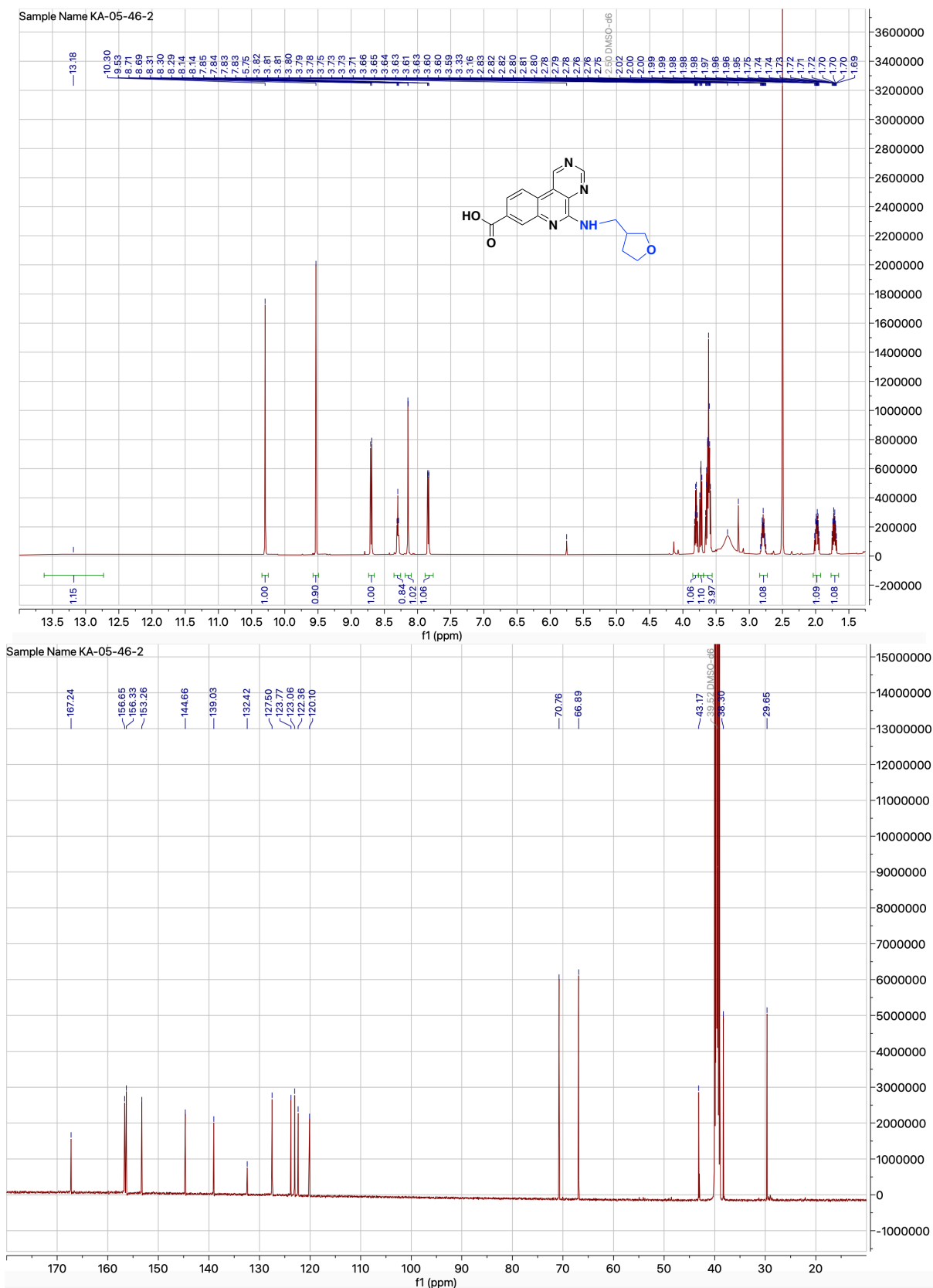


Figure S27. ¹H and ¹³C NMR spectrum of compound 4y

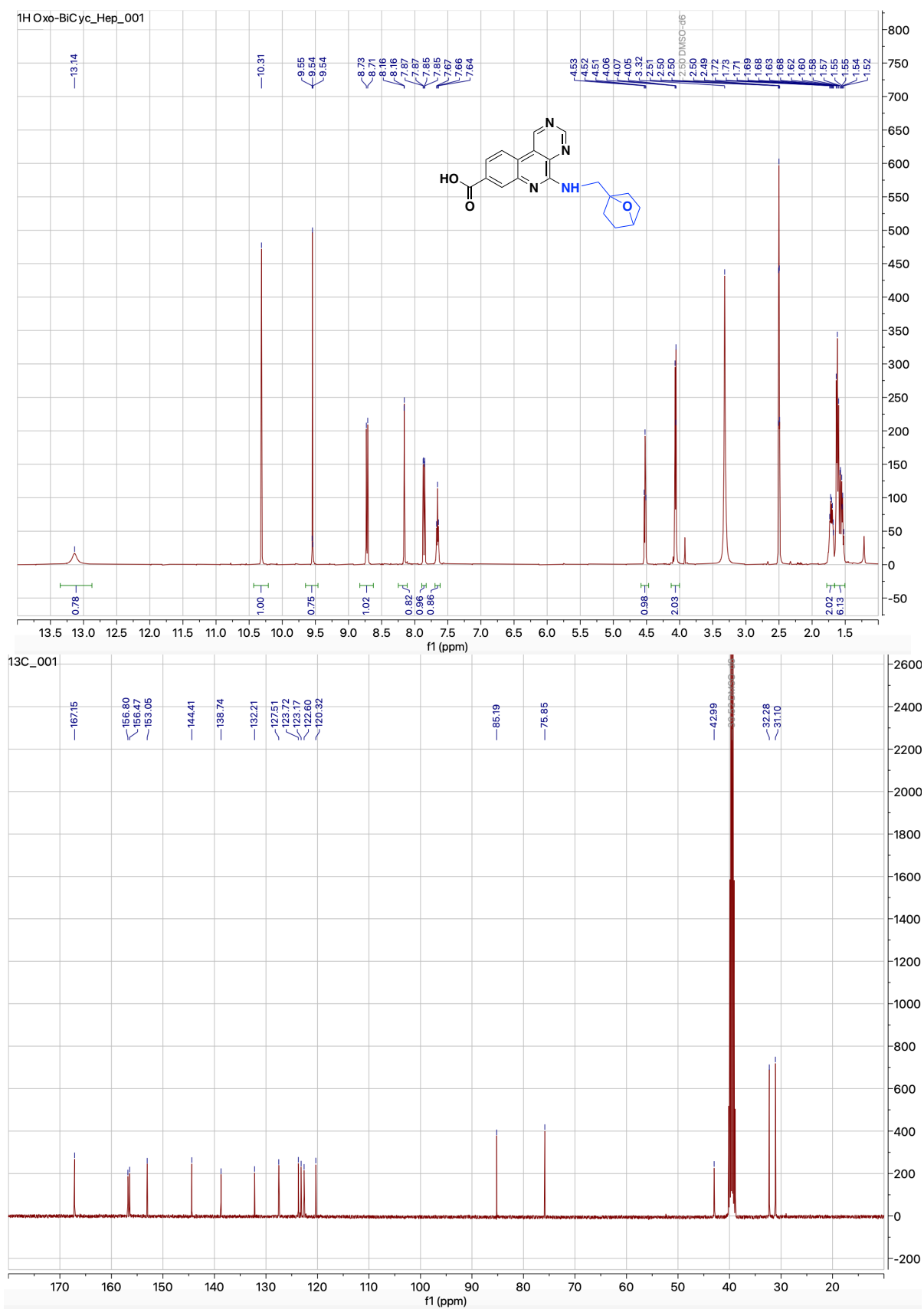


Figure S28. ¹H and ¹³C NMR spectrum of compound 4z

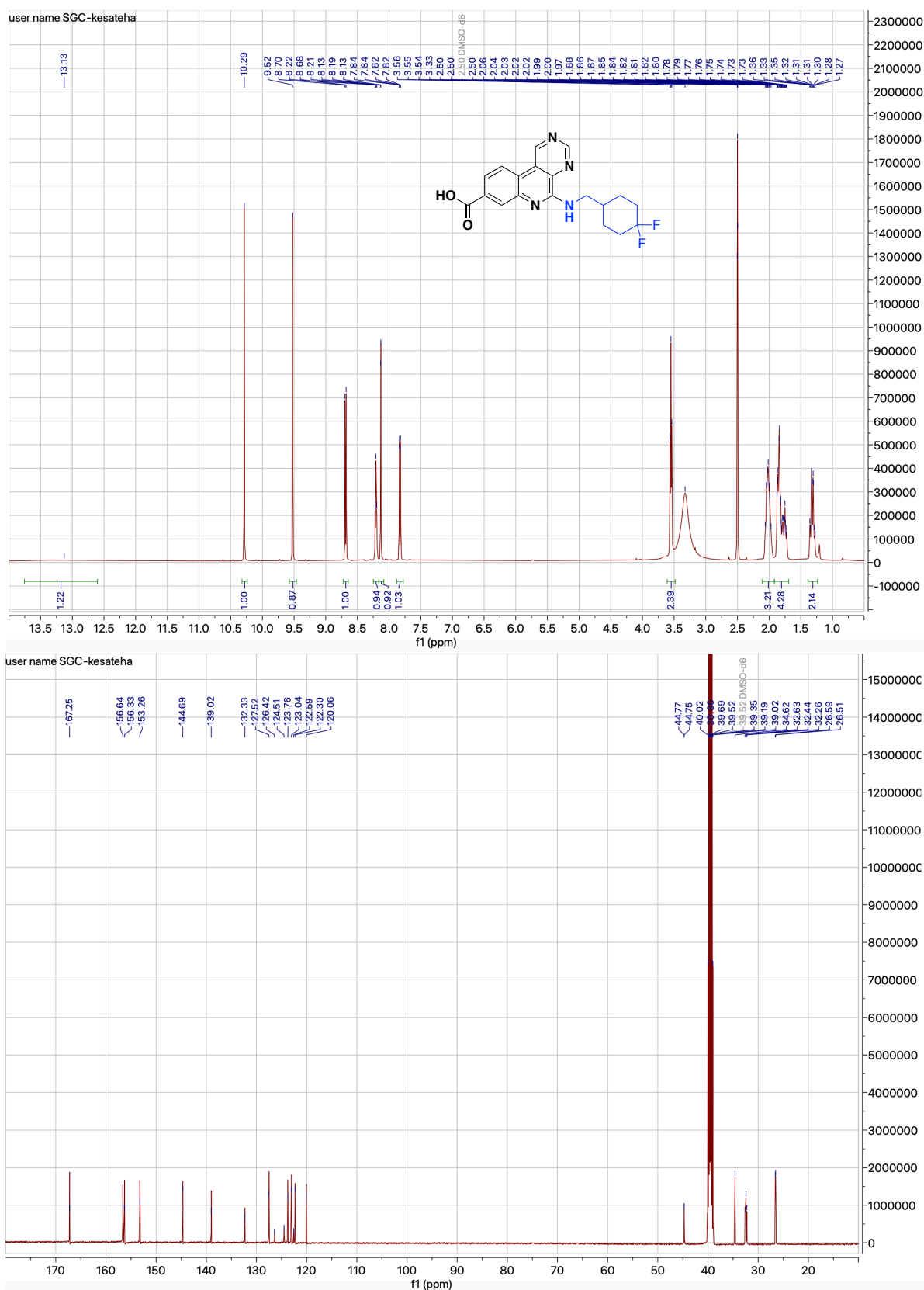


Figure S29. ¹H and ¹³C NMR spectrum of compound 4aa

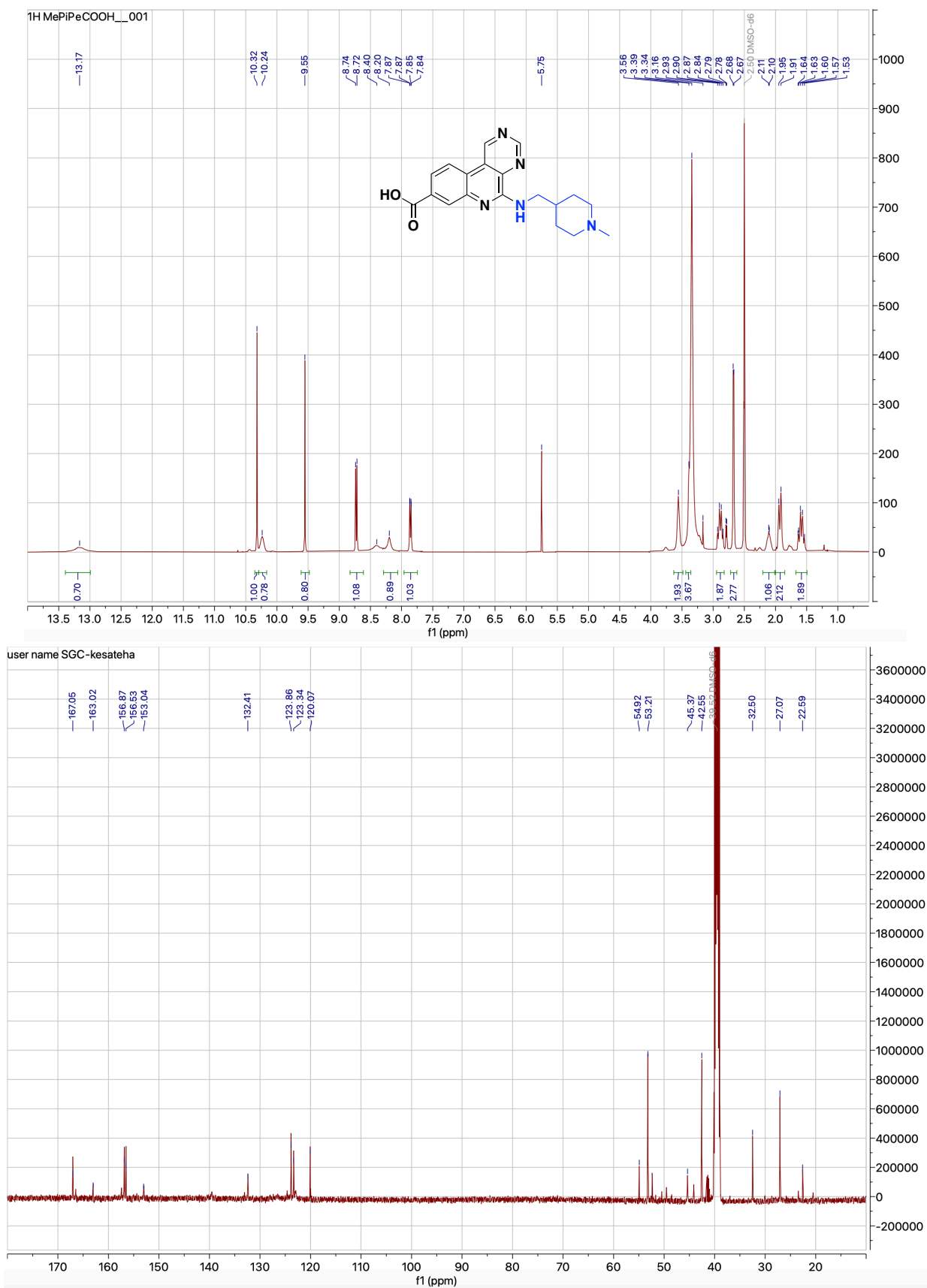


Figure S30. ¹H and ¹³C NMR spectrum of compound 4ab

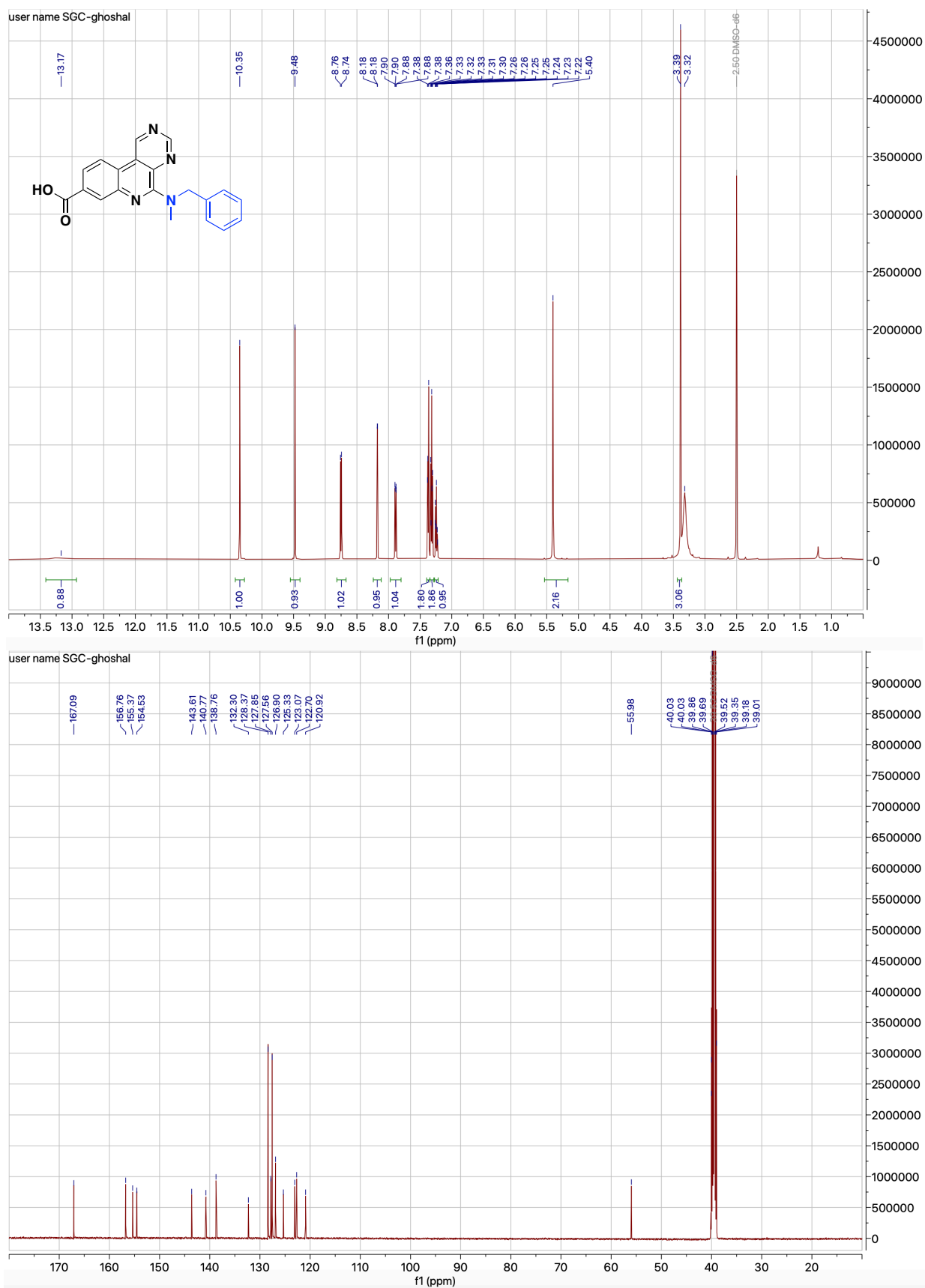


Figure S31. ¹H and ¹³C NMR spectrum of compound 4ac

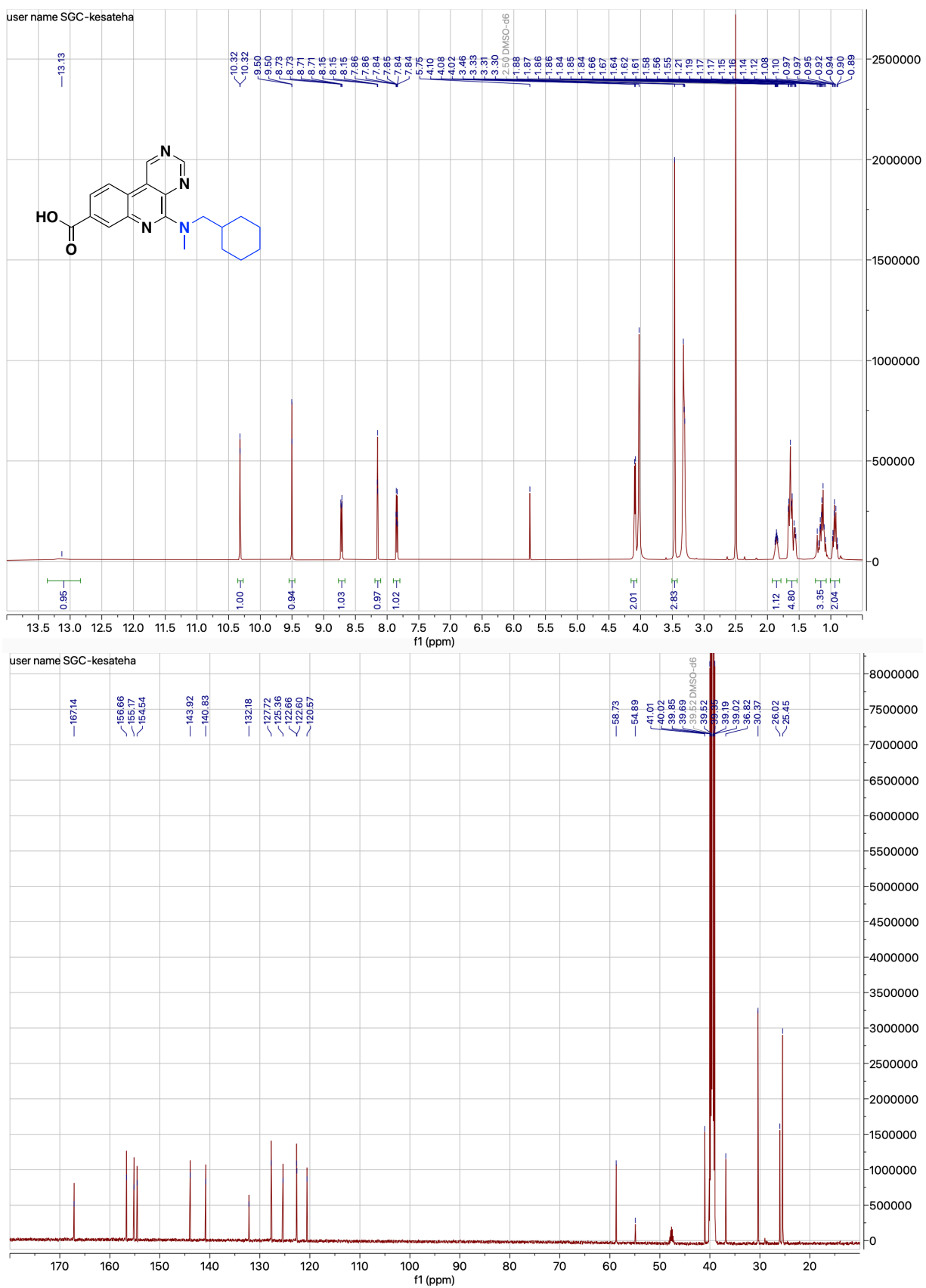


Figure S32. ¹H and ¹³C NMR spectrum of compound 4ad

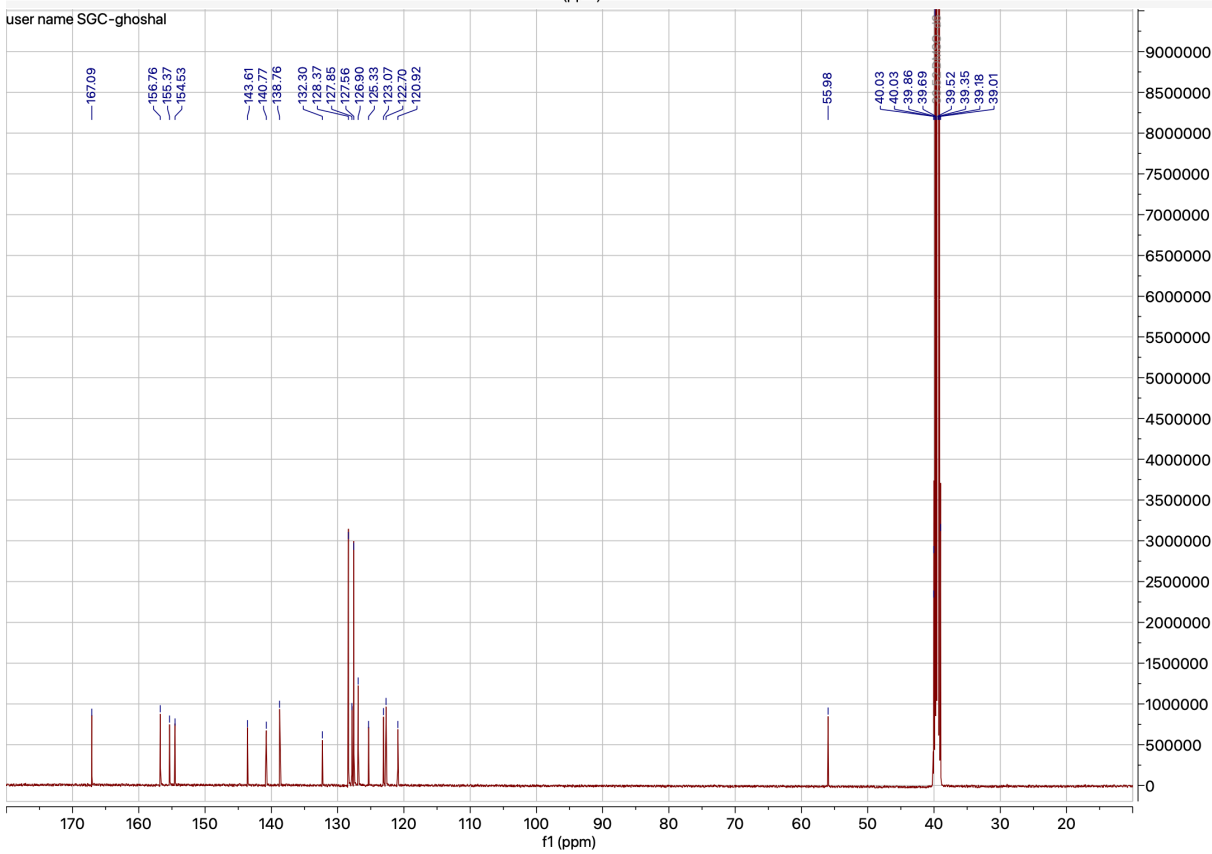
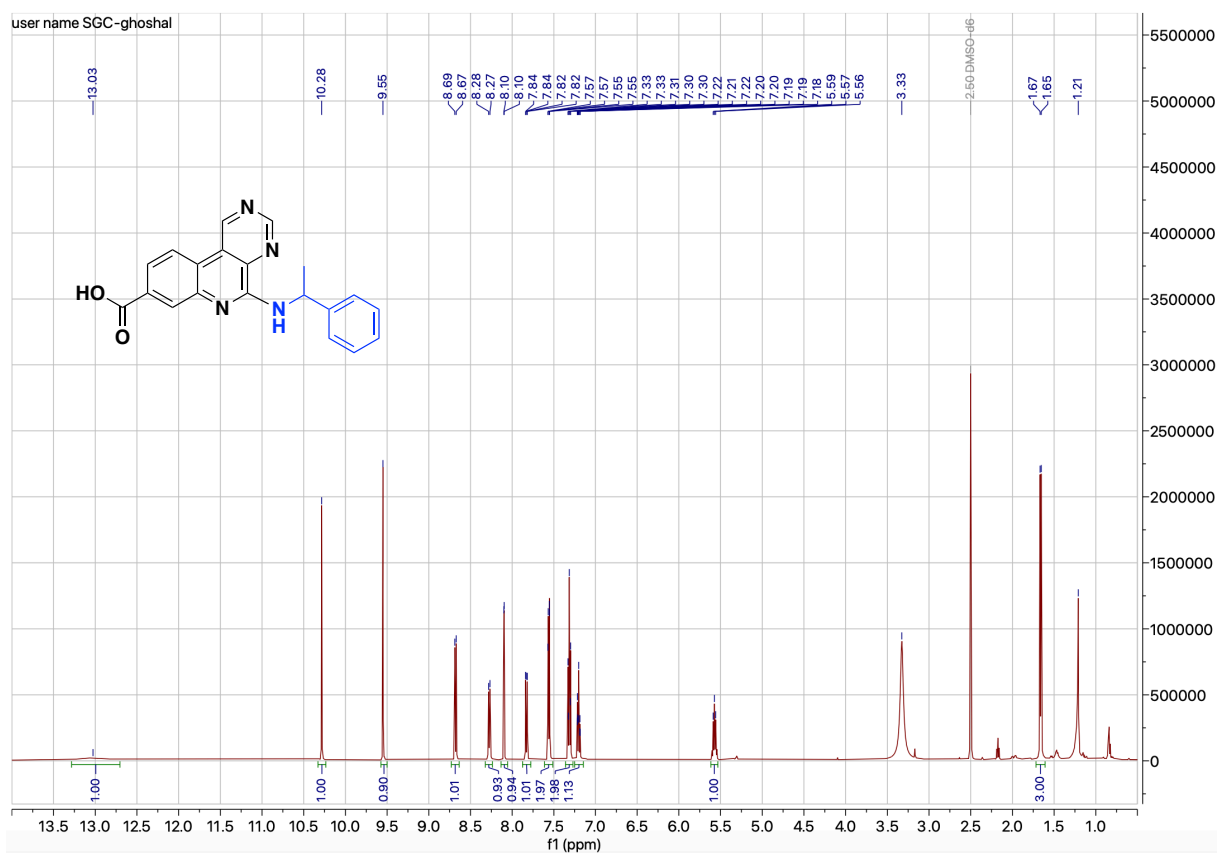


Figure S33. ¹H and ¹³C NMR spectrum of compound 4ae

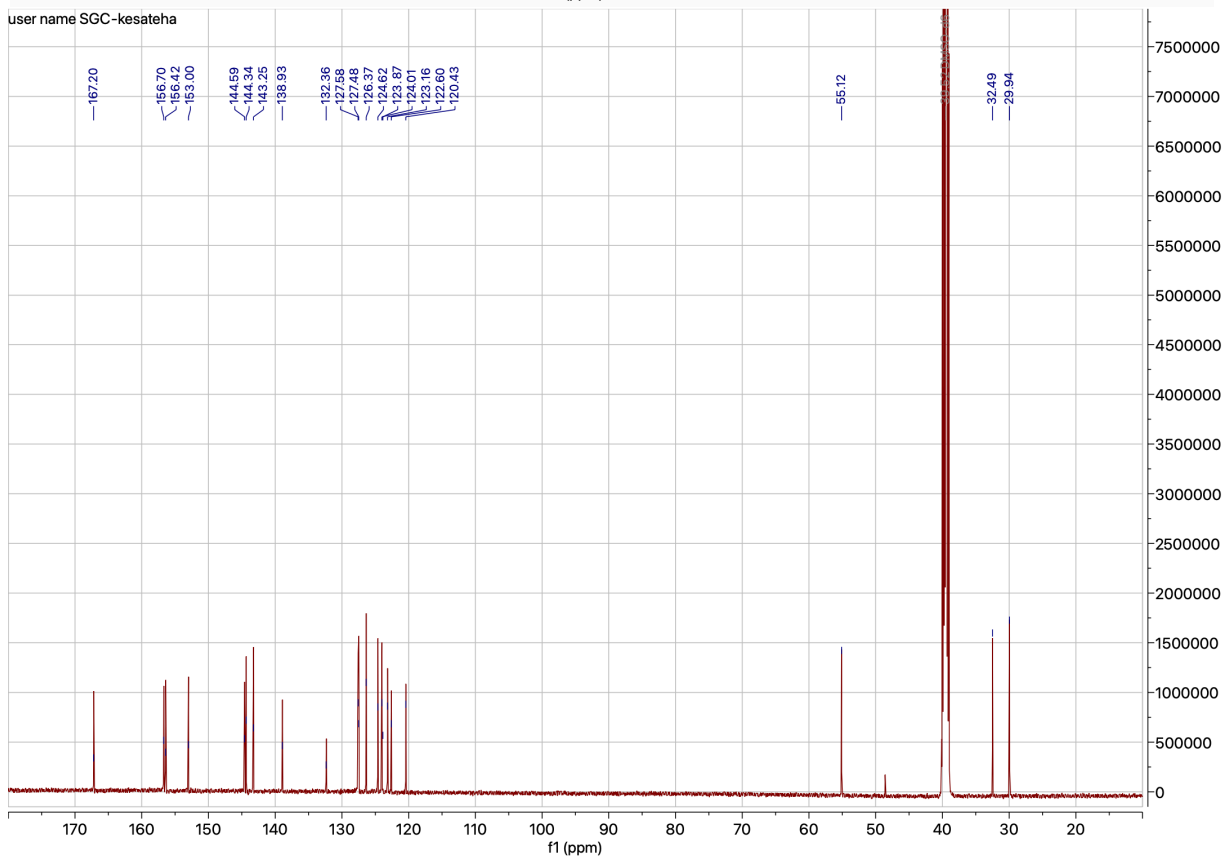
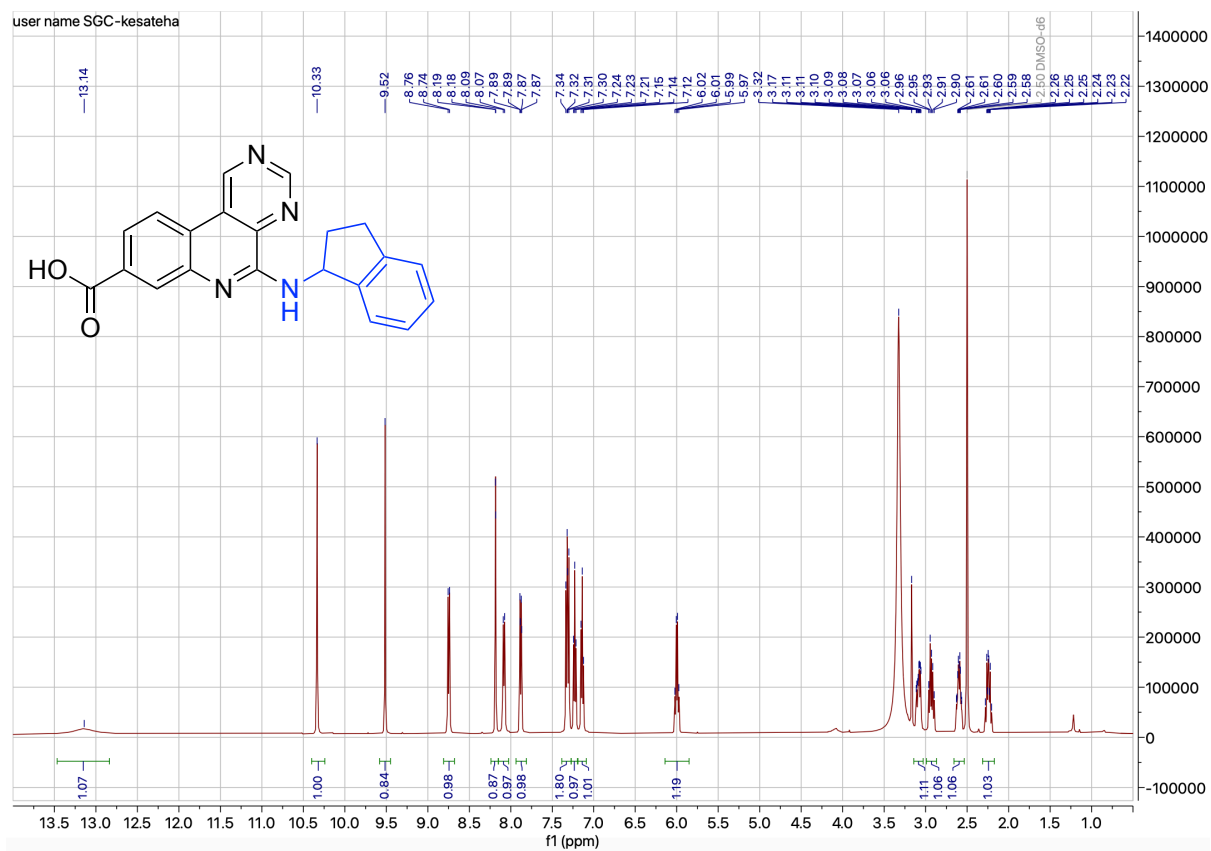


Figure S34. ¹H and ¹³C NMR spectrum of compound 4af

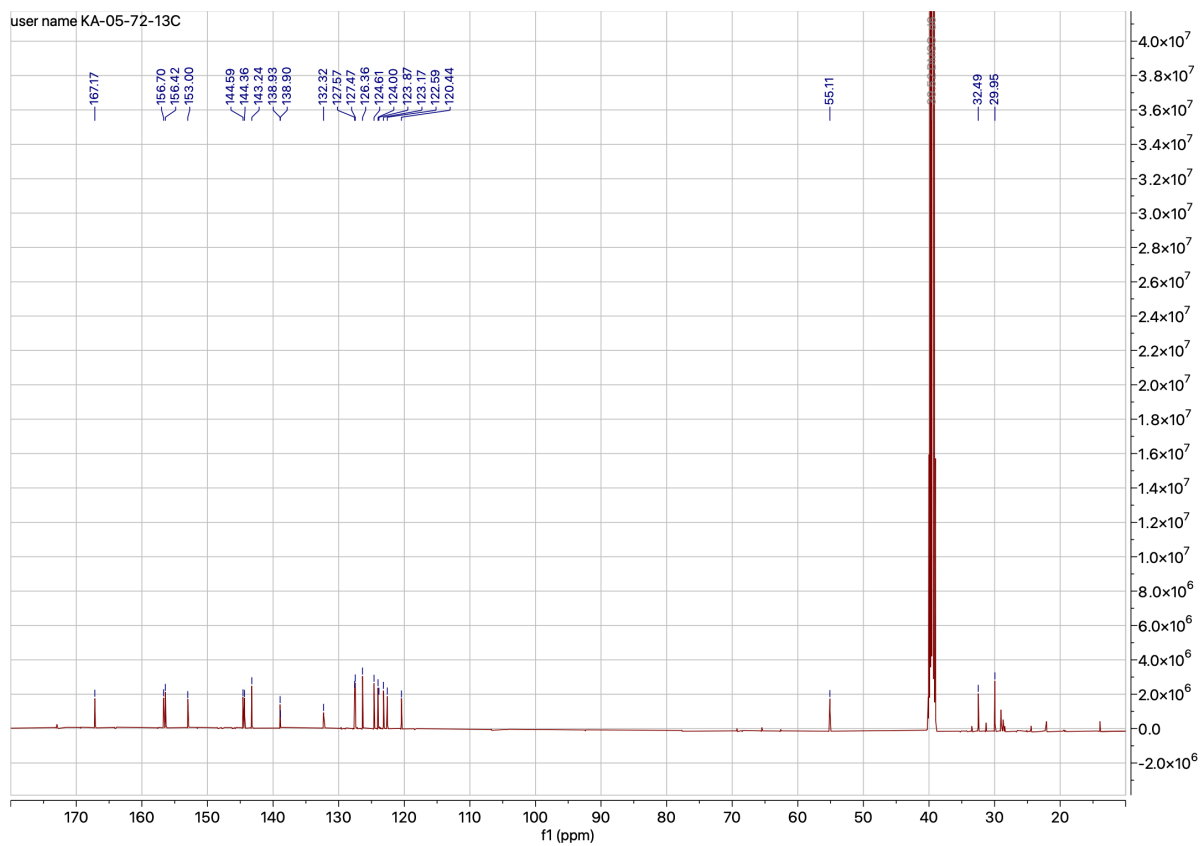
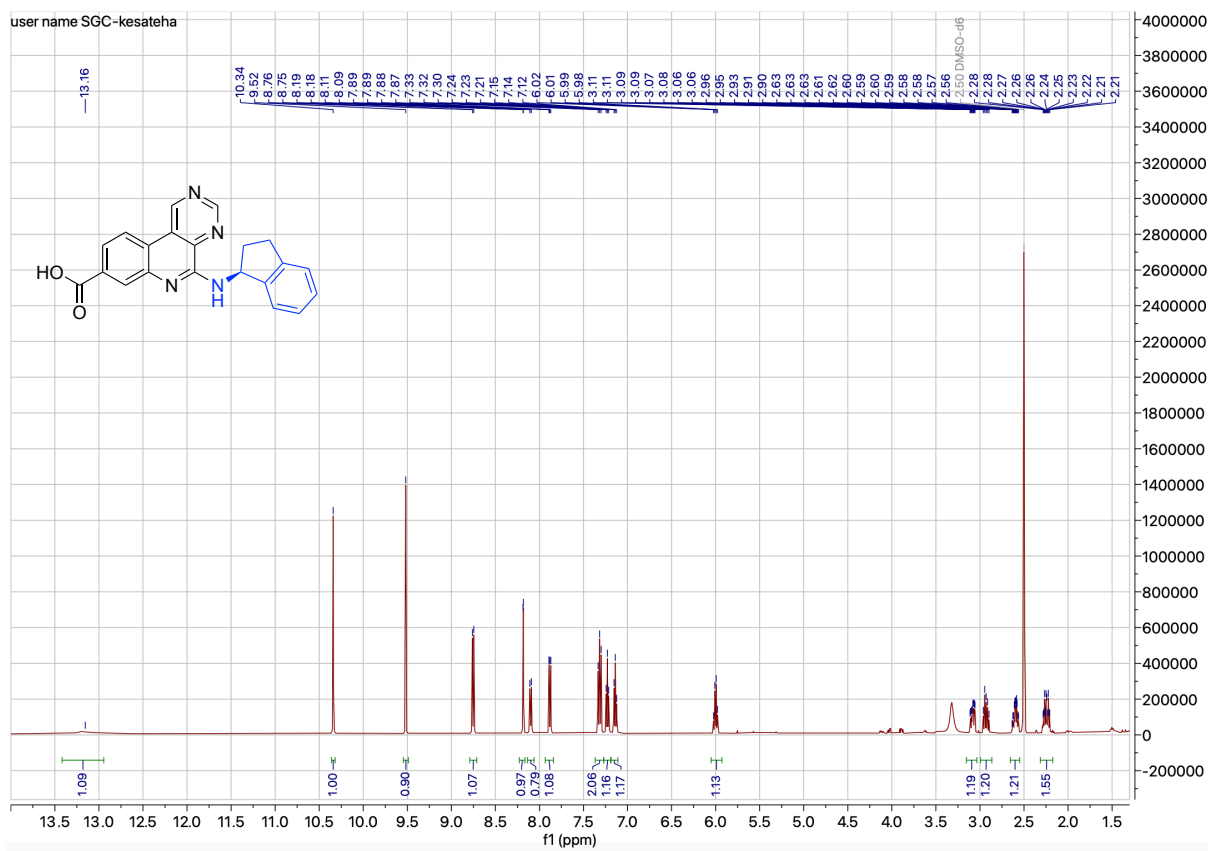


Figure S35. ¹H and ¹³C NMR spectrum of compound 4ag

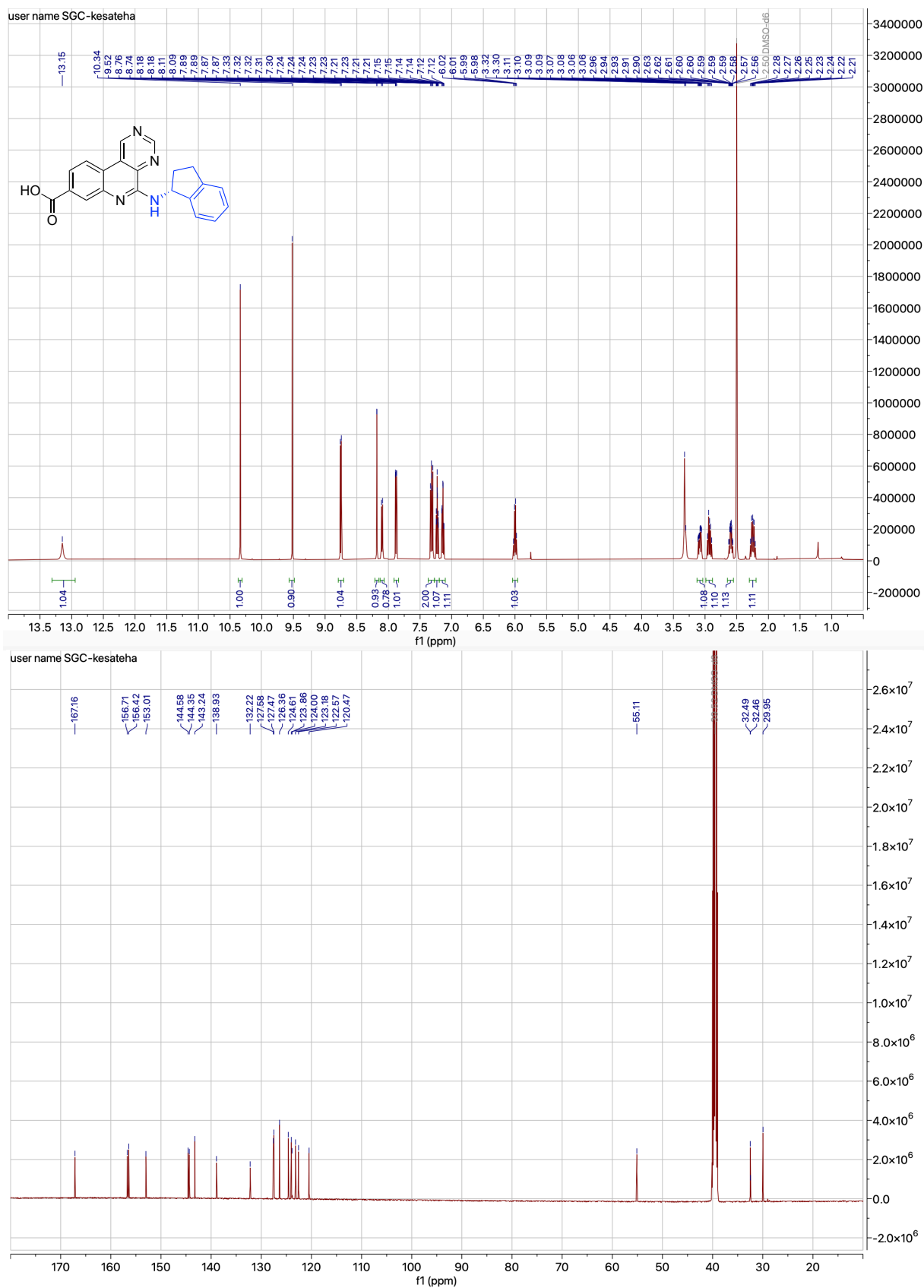


Figure S36. ¹H and ¹³C NMR spectrum of compound 4ah

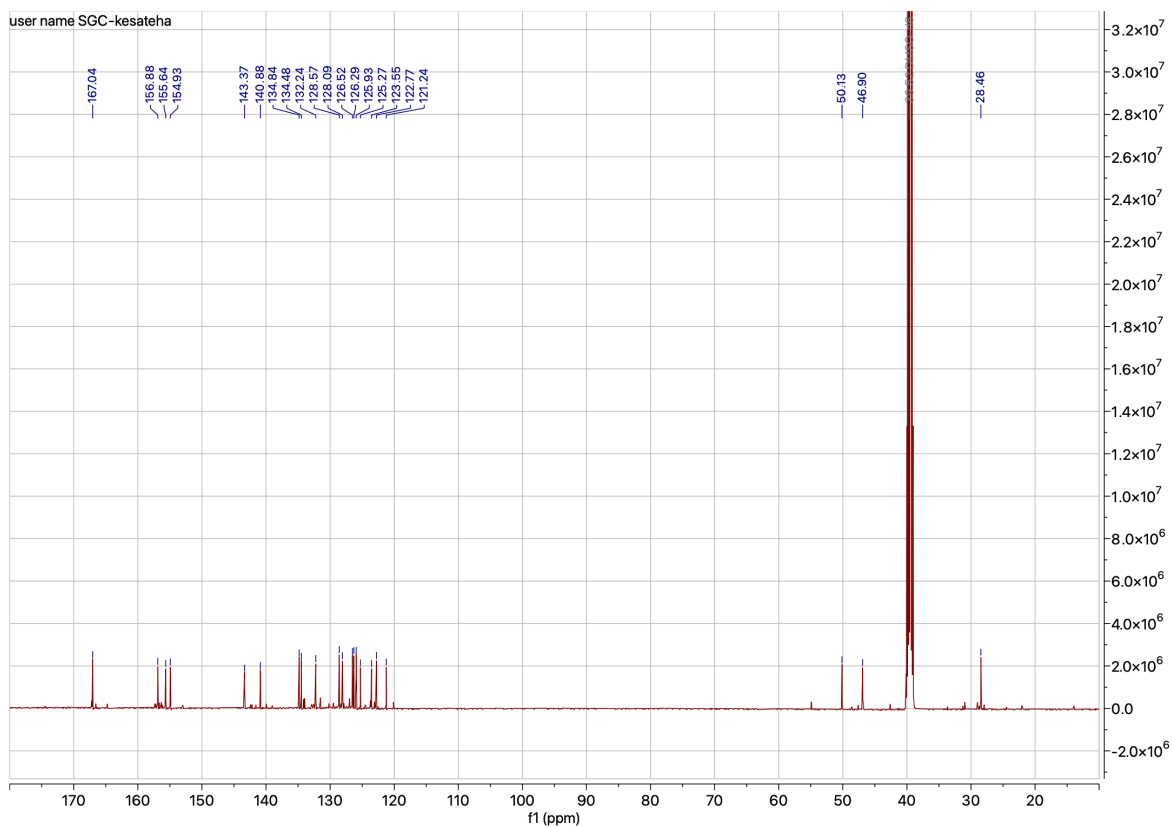
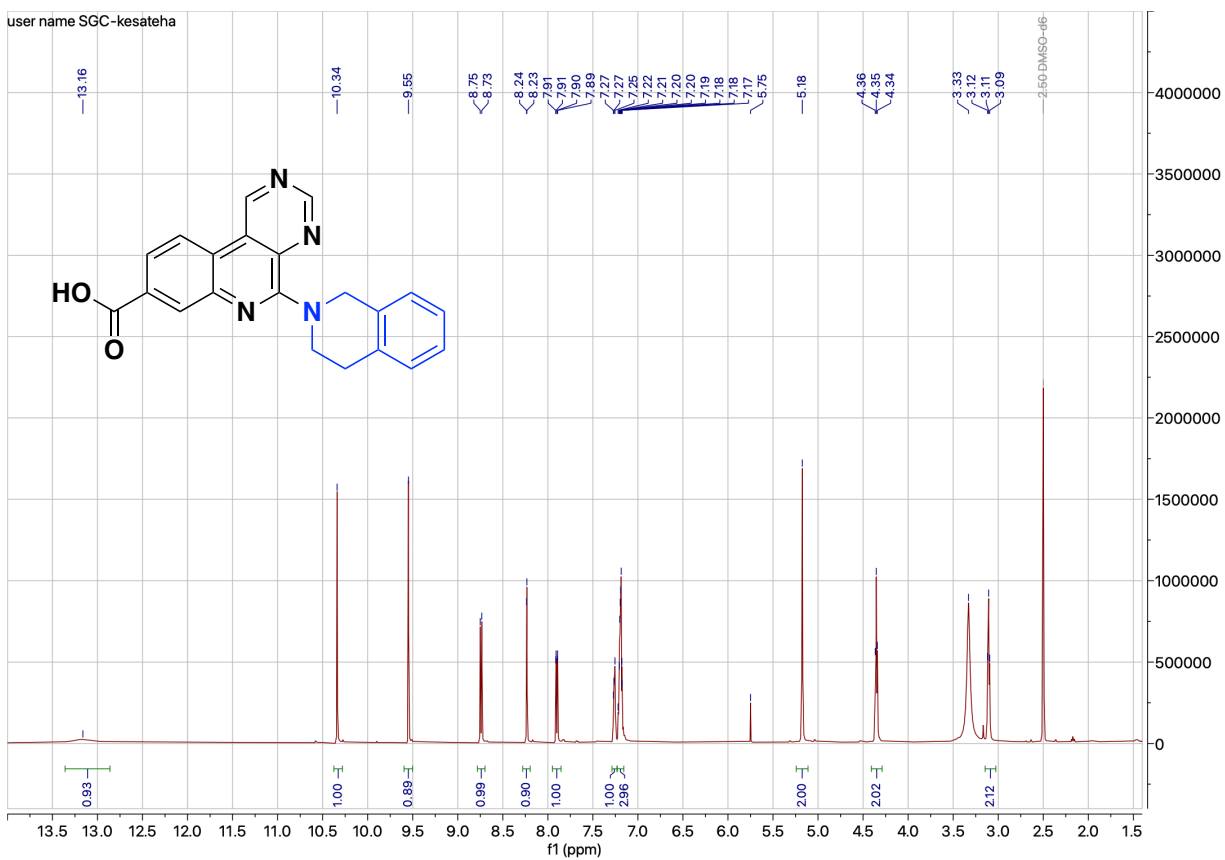


Figure S37. ¹H and ¹³C NMR spectrum of compound 4ai