

Supplementary material

Synthesis and Biological Evaluation of Imidazopyridine-Isatin Hybrids as Inhibitors of *Leishmania major* Growth

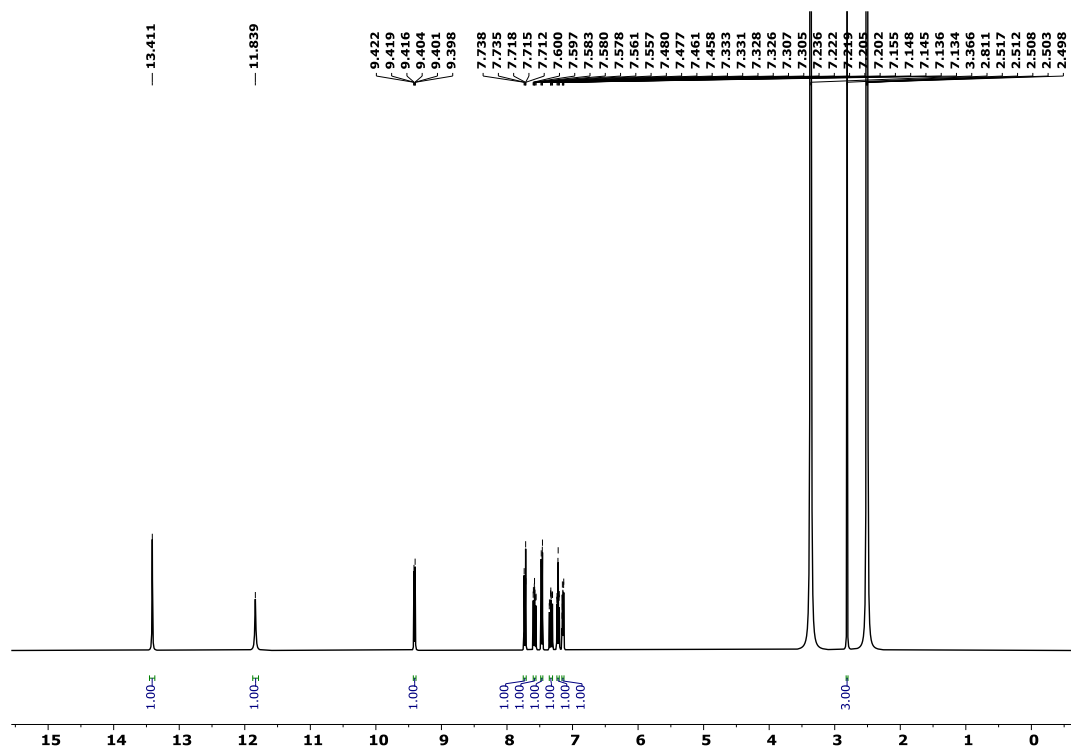


Figure S3. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) spectrum of compound **5c**

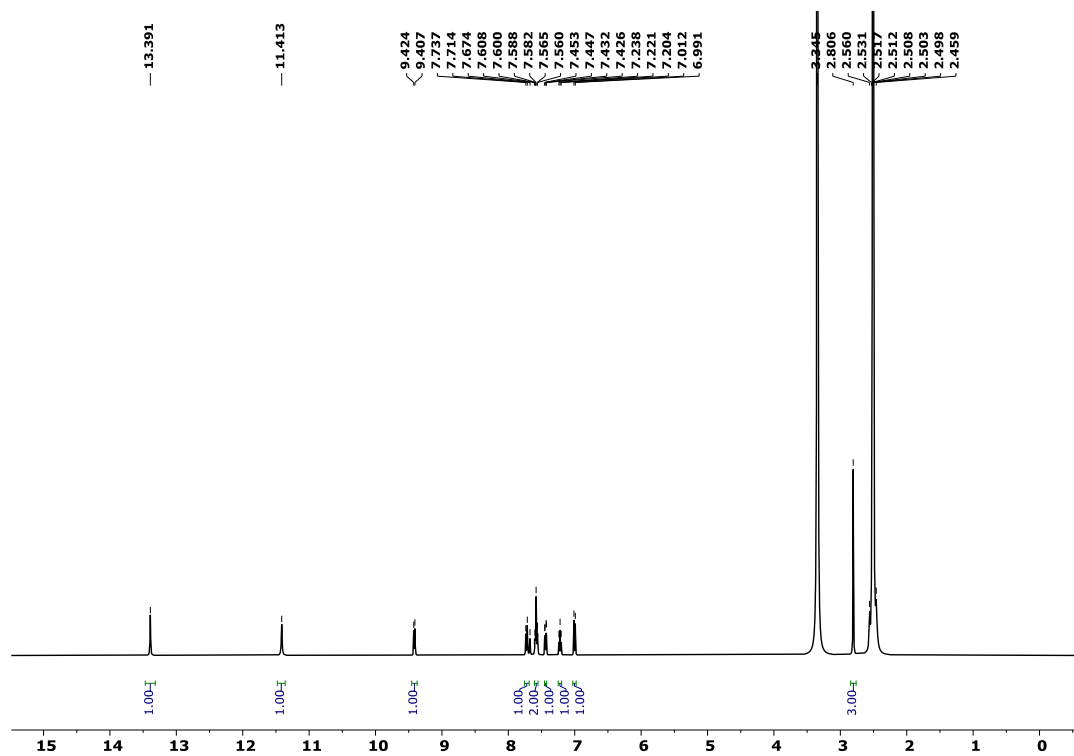


Figure S4. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) spectrum of compound **5d**

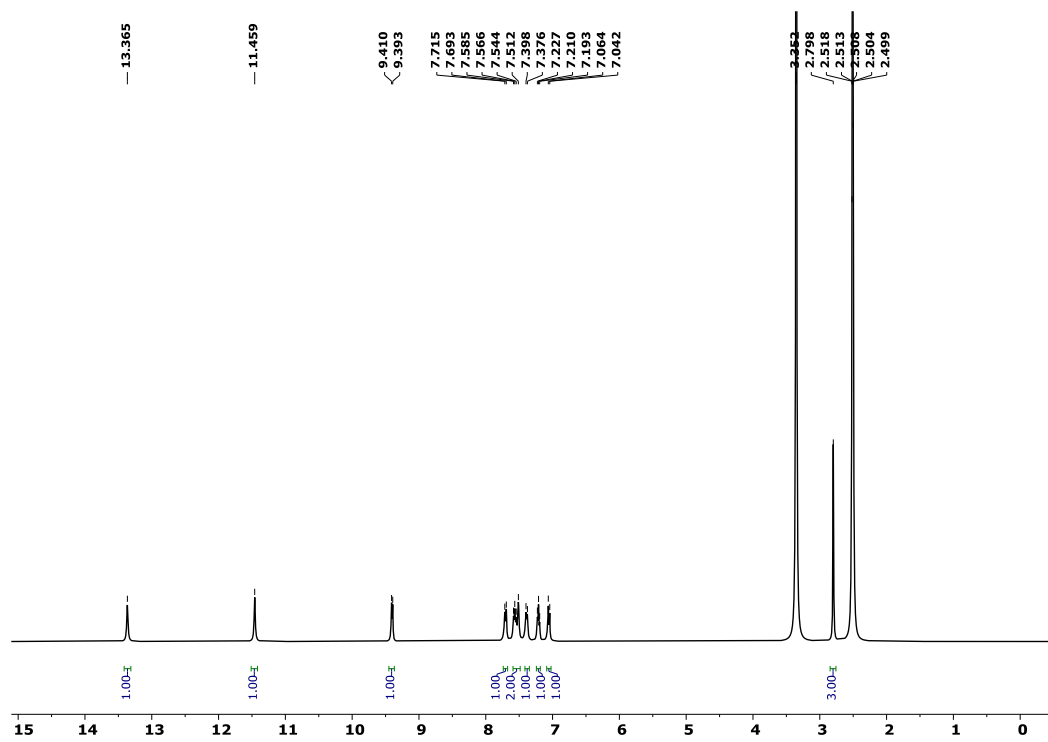


Figure S7. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) spectrum of compound **5g**

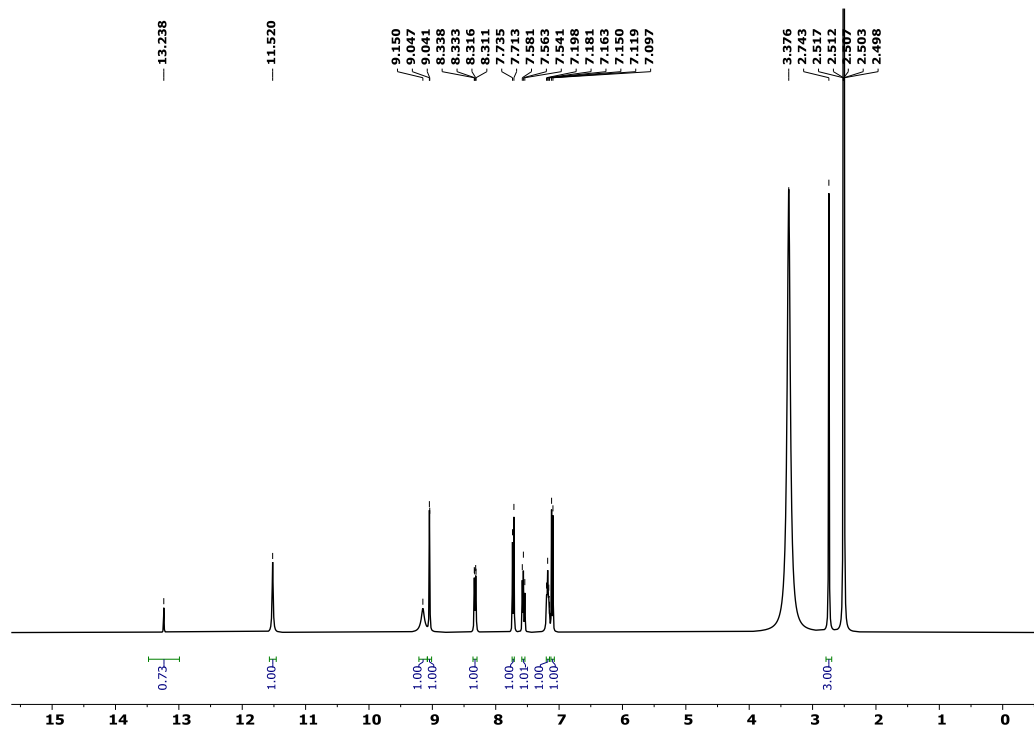


Figure S8. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) spectrum of compound **5h**

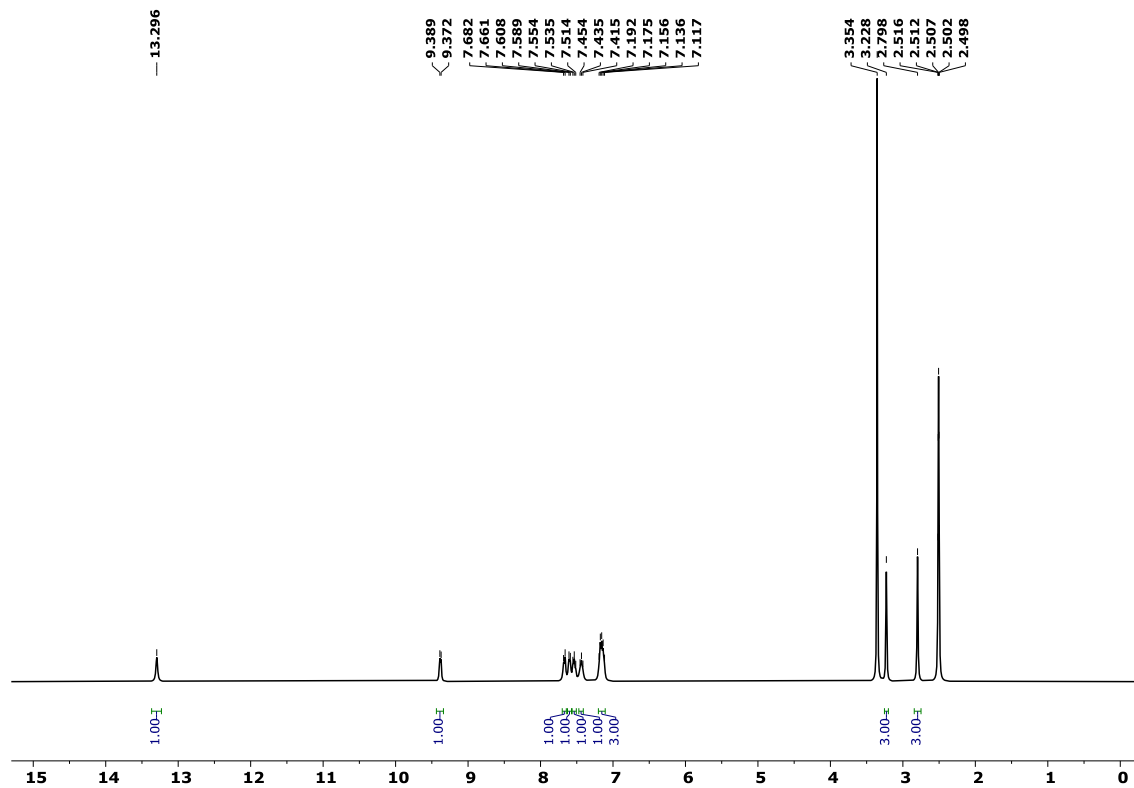


Figure S9. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) spectrum of compound **8a**

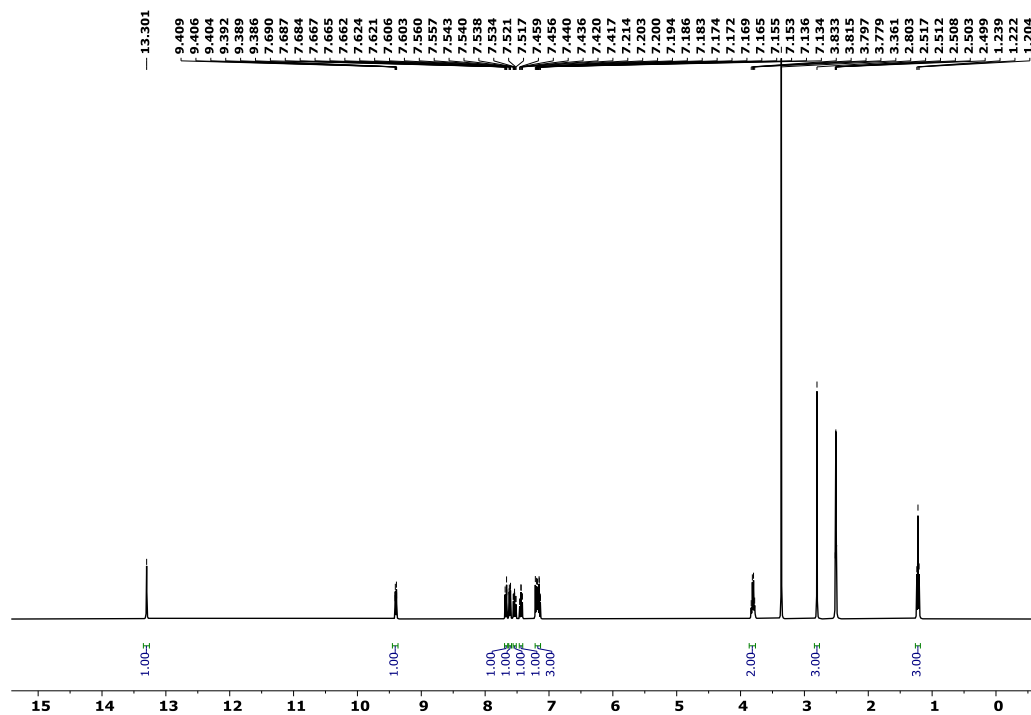


Figure S10. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) spectrum of compound **8b**

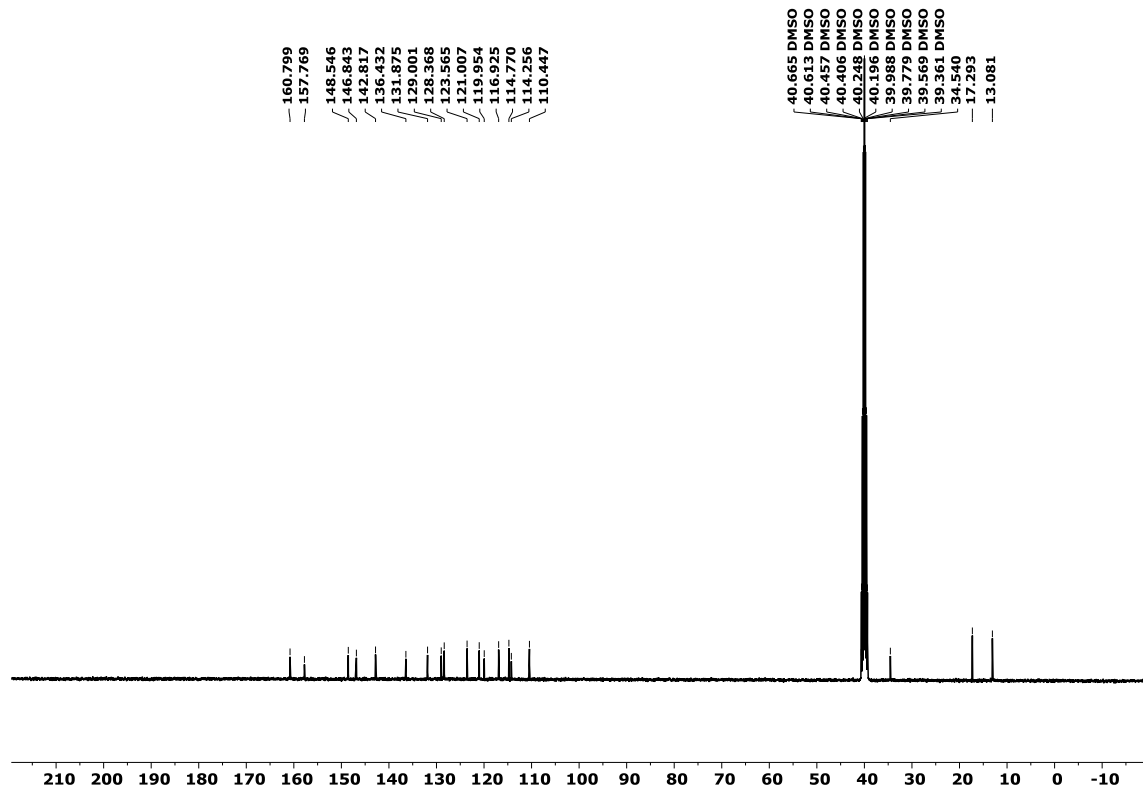


Figure S11. ^{13}C NMR (100 MHz, $\text{DMSO-}d_6$) spectrum of compound **8b**

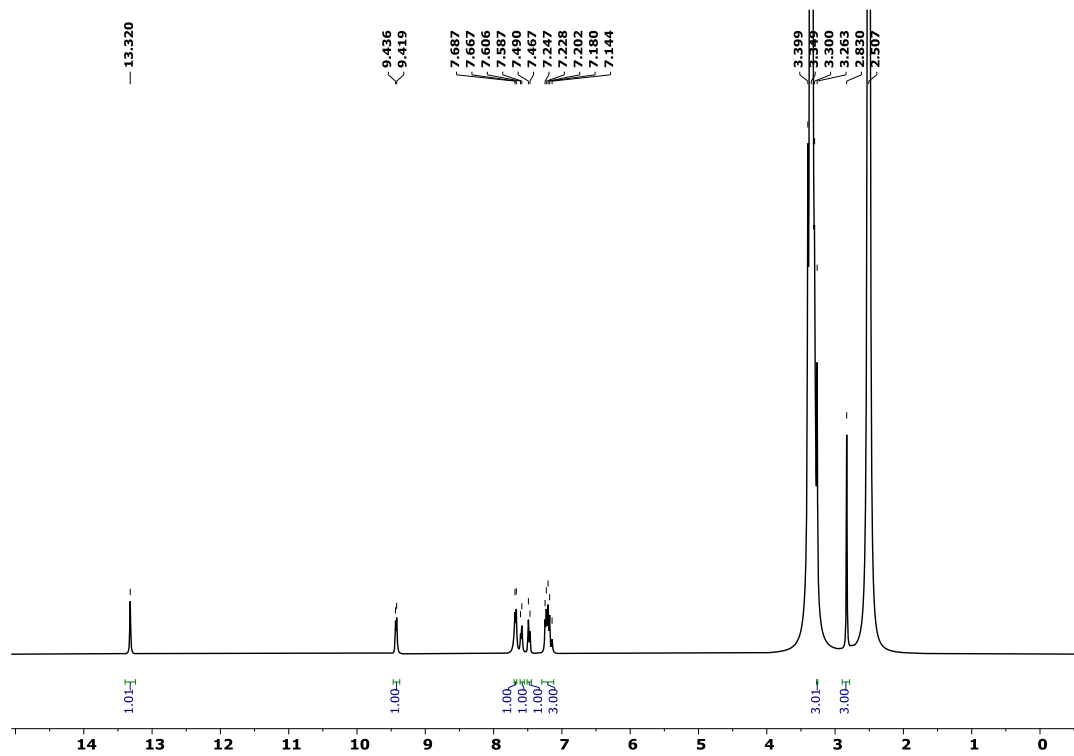


Figure S12. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) spectrum of compound **8d**

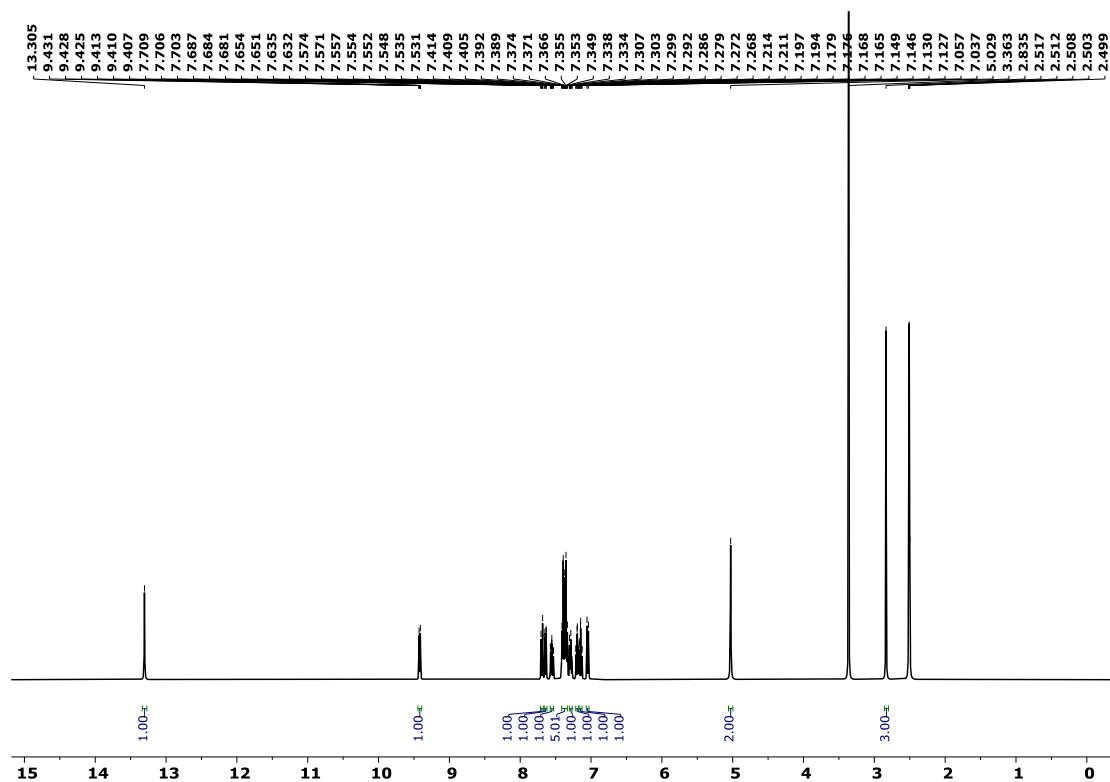


Figure S13. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) spectrum of compound **11a**

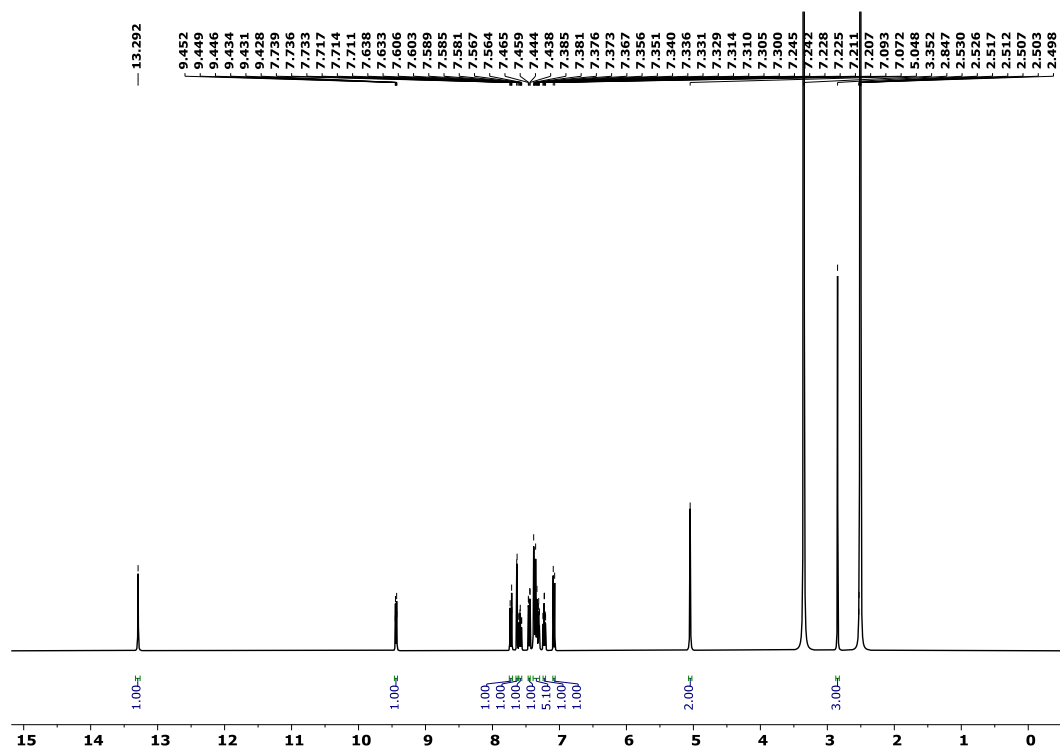


Figure S14. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) spectrum of compound **11c**

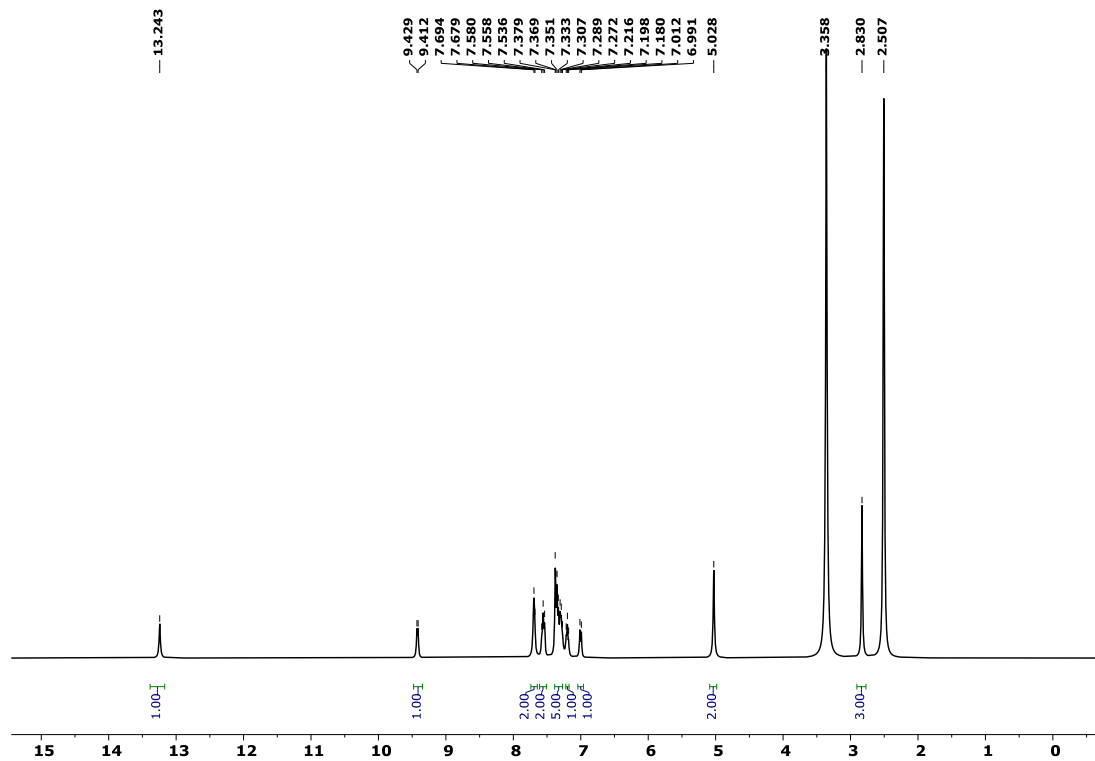


Figure S15. ^1H NMR (400 MHz, $\text{DMSO-}d_6$) spectrum of compound **11d**

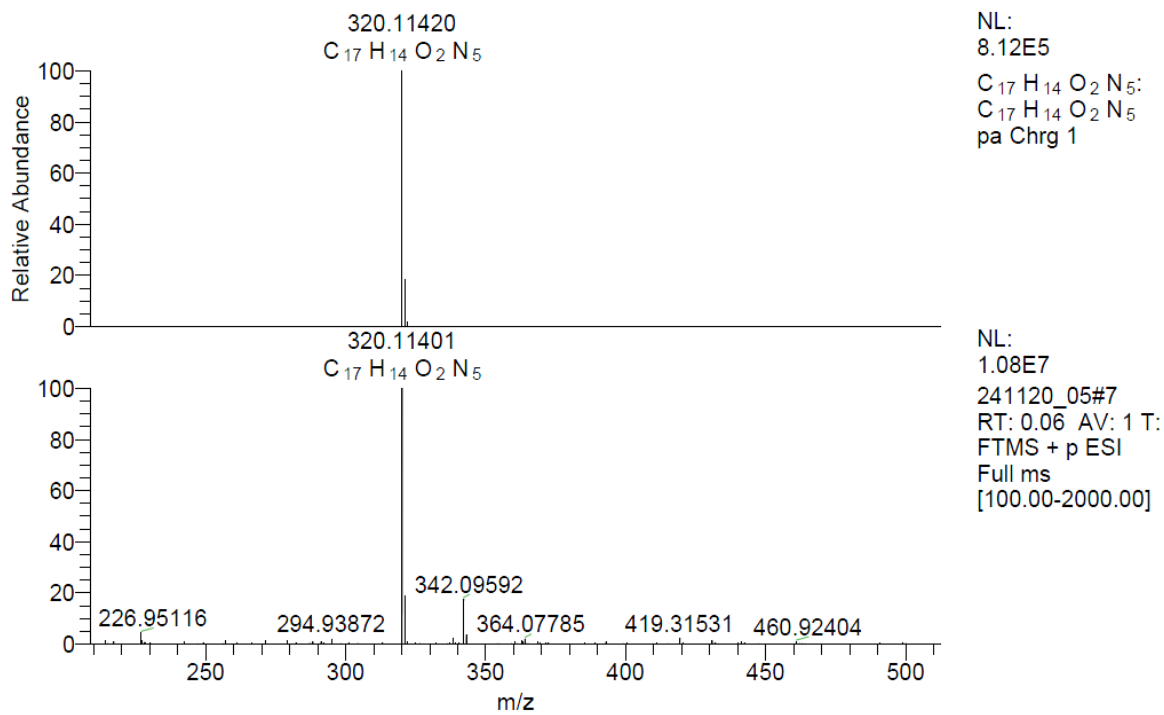


Figure S16. HRMS spectrum of compound **5a**

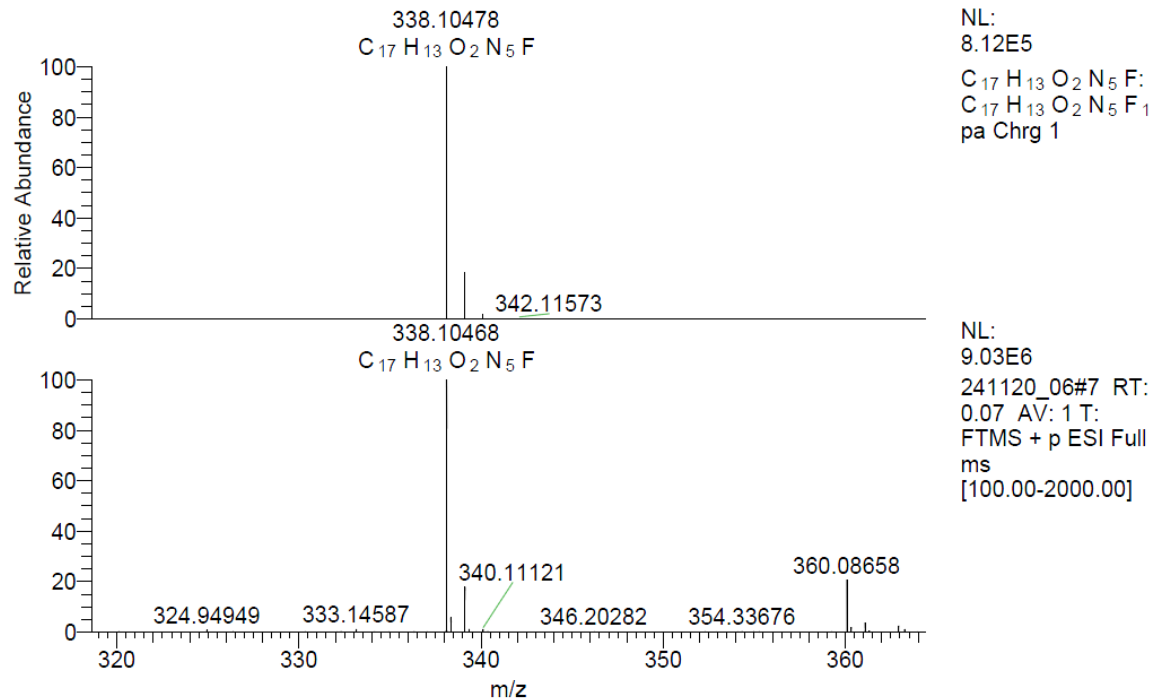


Figure S17. HRMS spectrum of compound **5b**

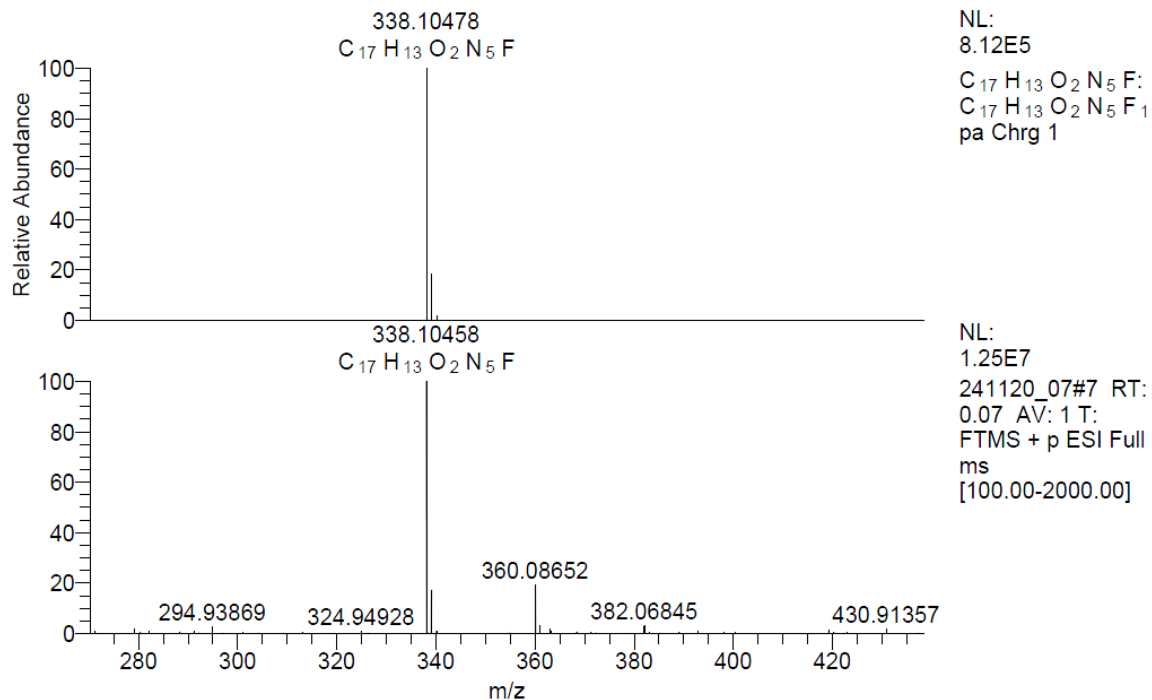


Figure S18. HRMS spectrum of compound **5c**

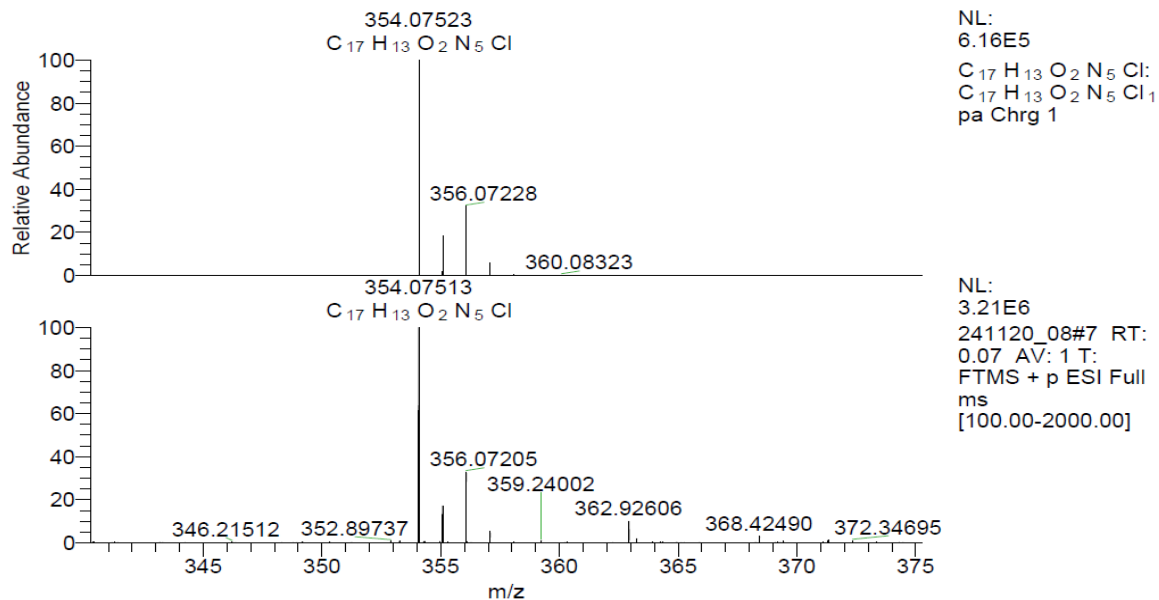


Figure S19. HRMS spectrum of compound **5d**

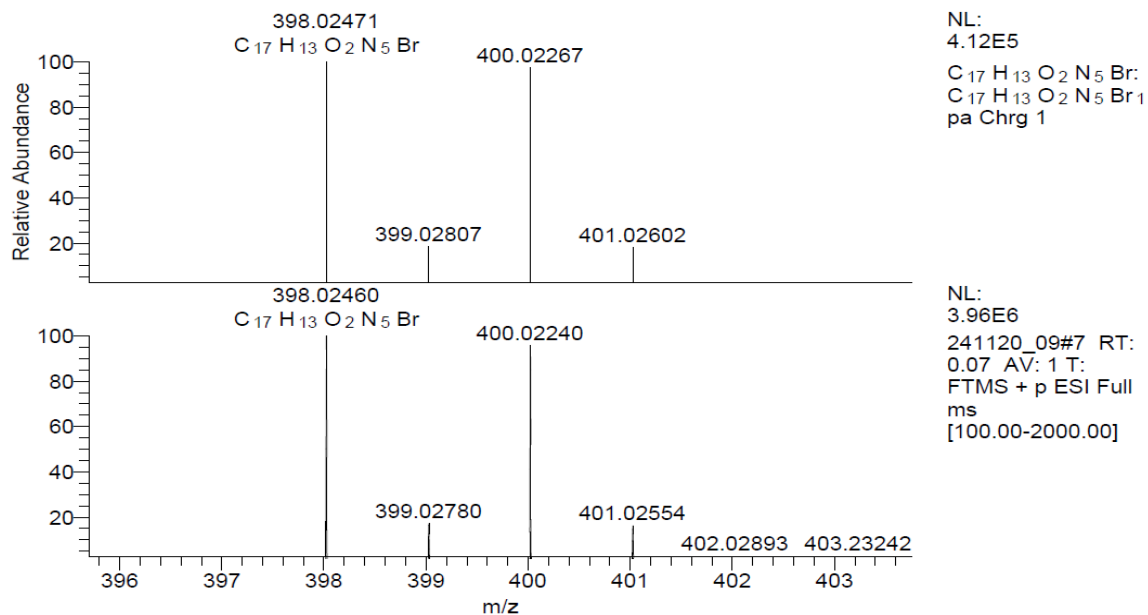


Figure S20. HRMS spectrum of compound **5e**

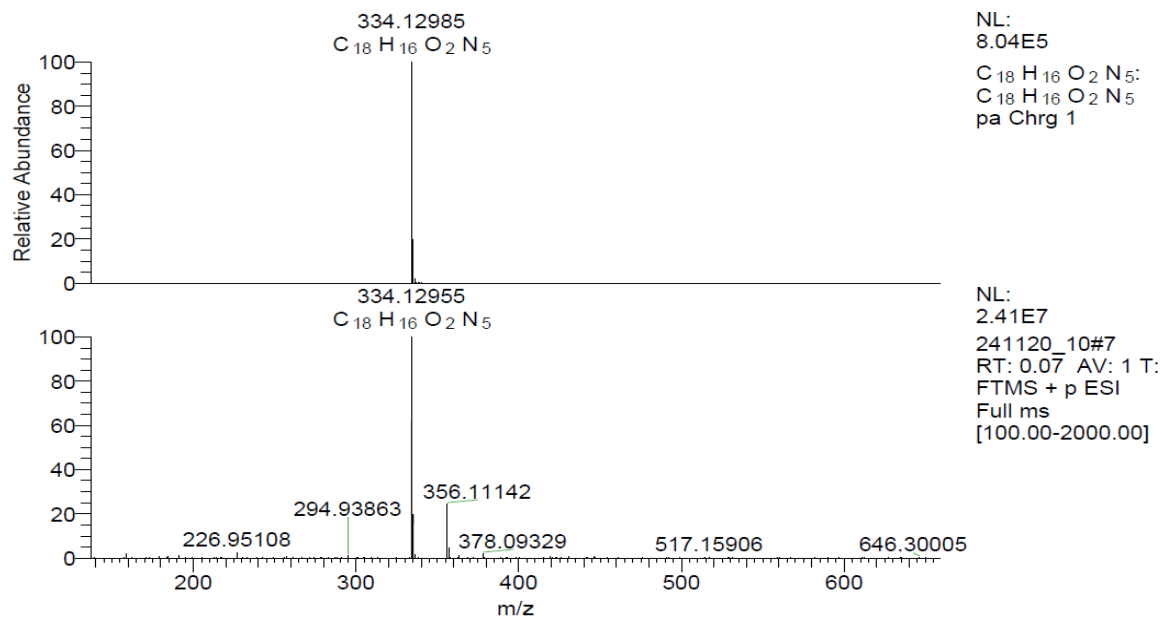


Figure S21. HRMS spectrum of compound **5f**

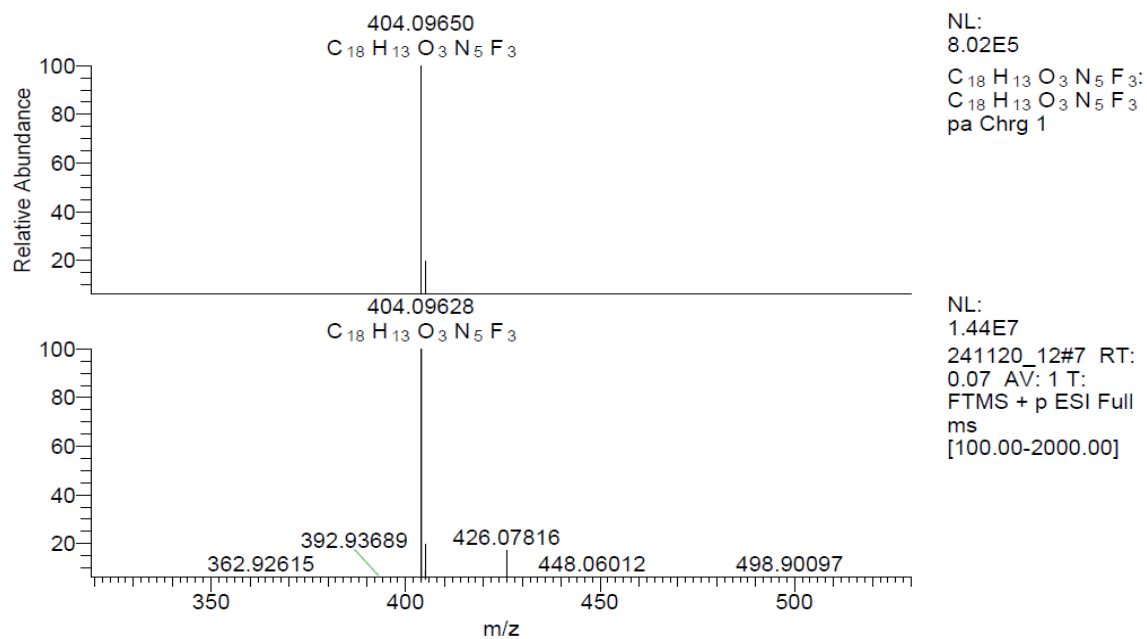


Figure S22. HRMS spectrum of compound **5g**

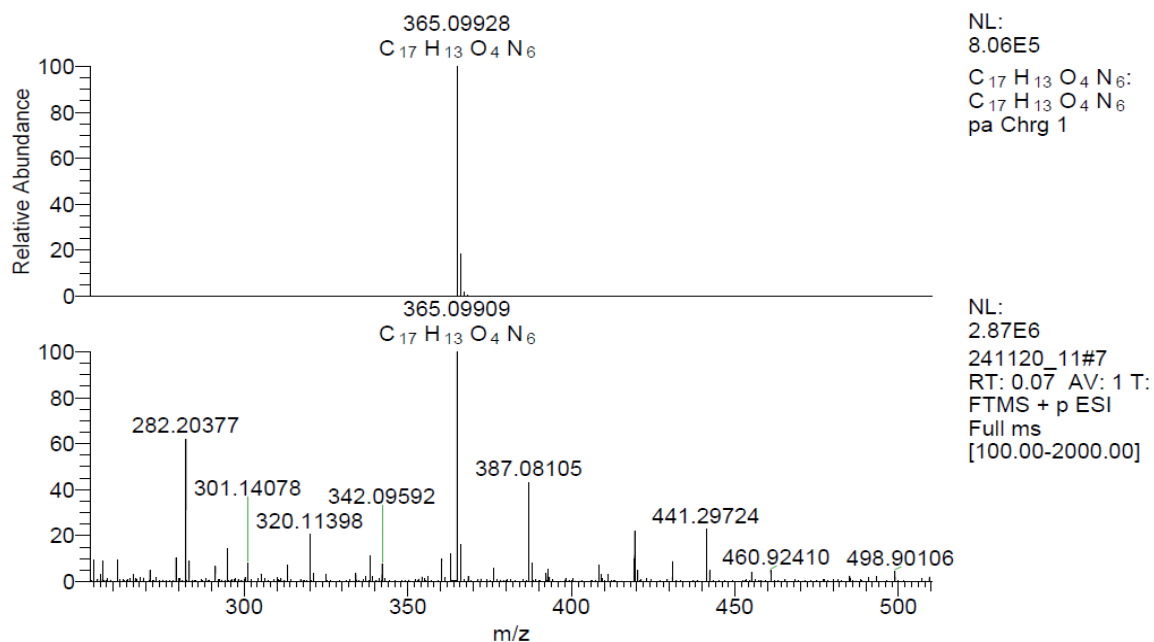


Figure S23. HRMS spectrum of compound **5h**

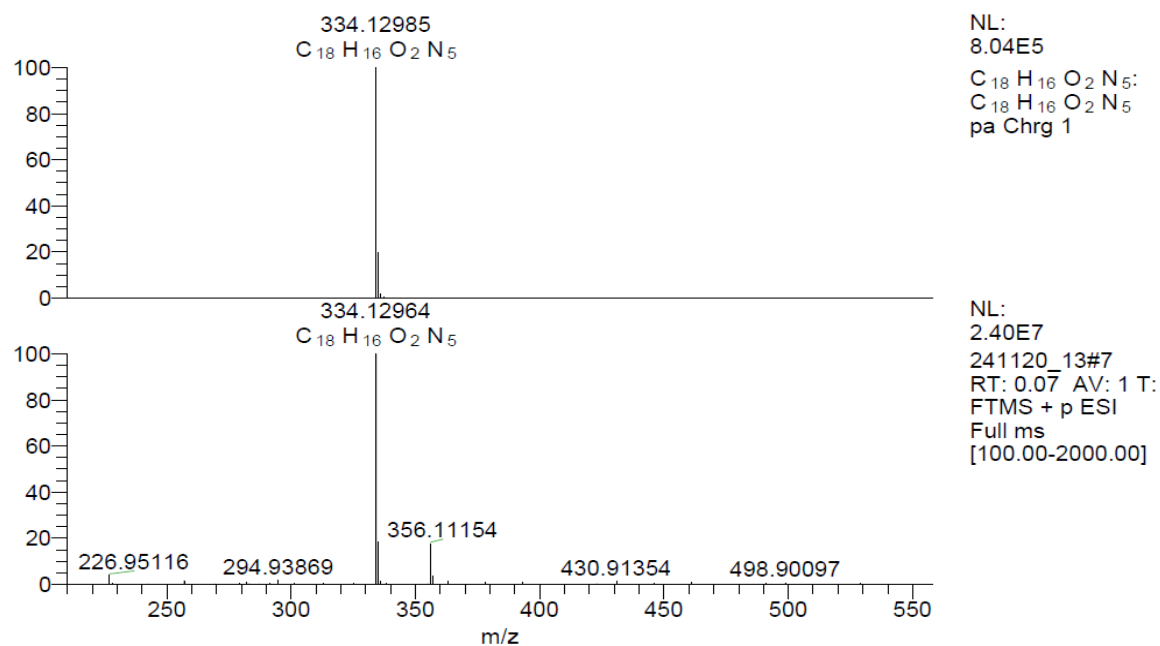


Figure S24. HRMS spectrum of compound **8a**

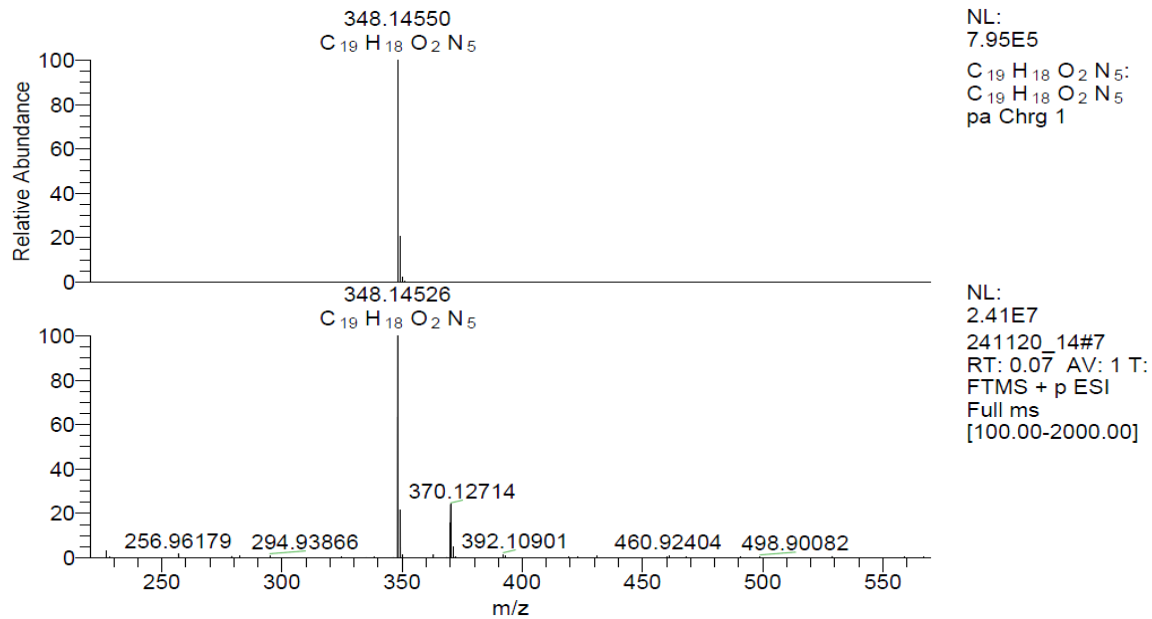


Figure S25. HRMS spectrum of compound **8b**

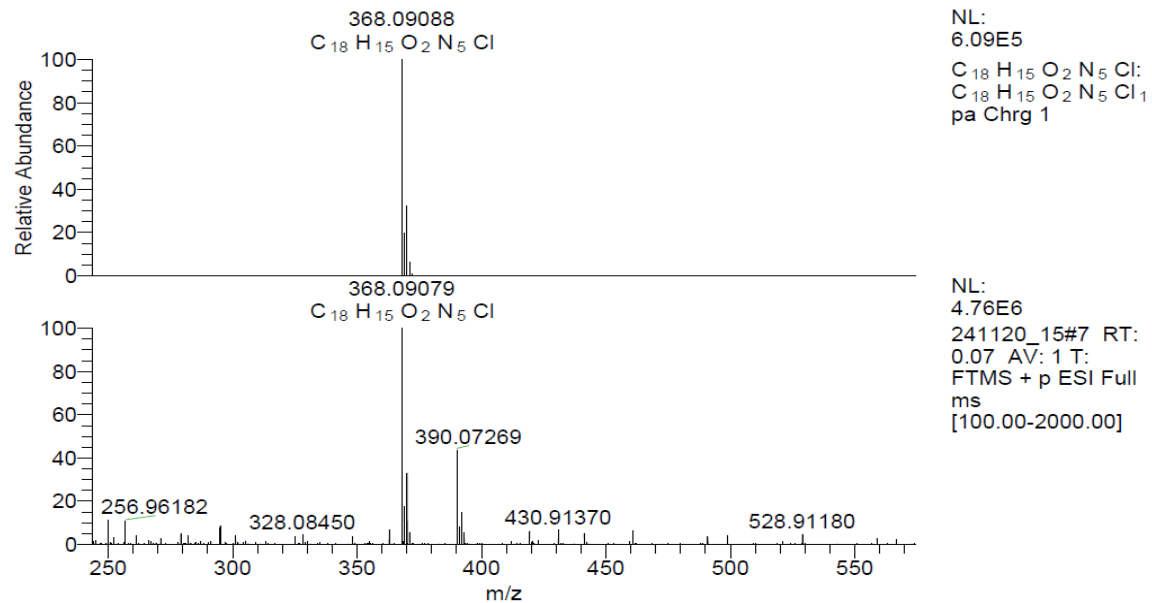


Figure S26. HRMS spectrum of compound **8c**

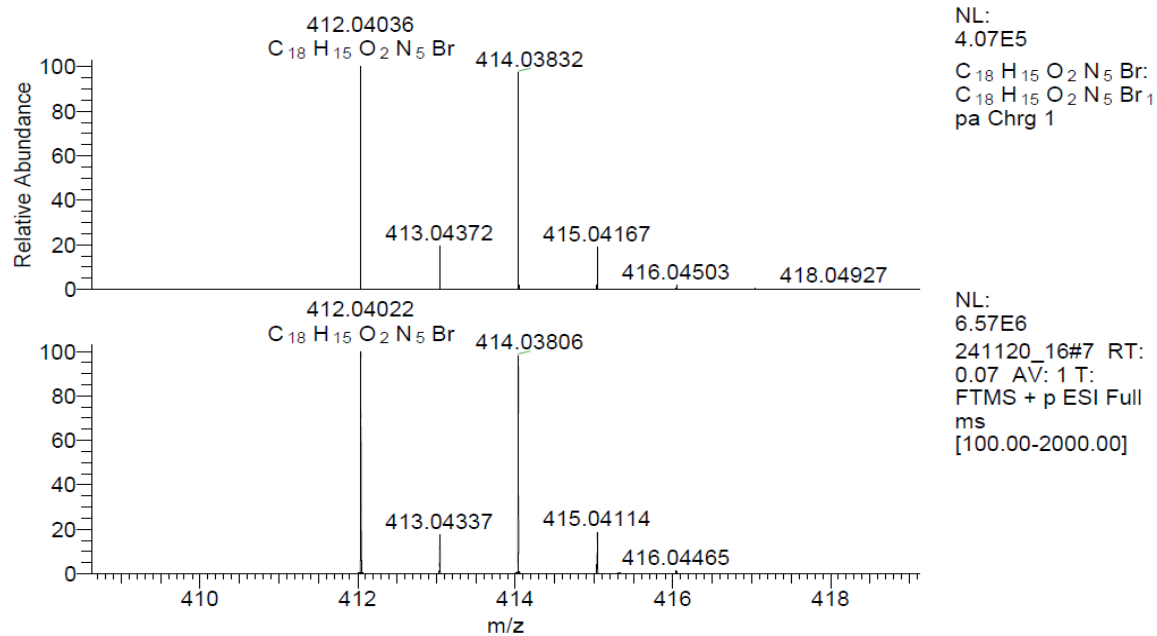


Figure S27. HRMS spectrum of compound **8d**

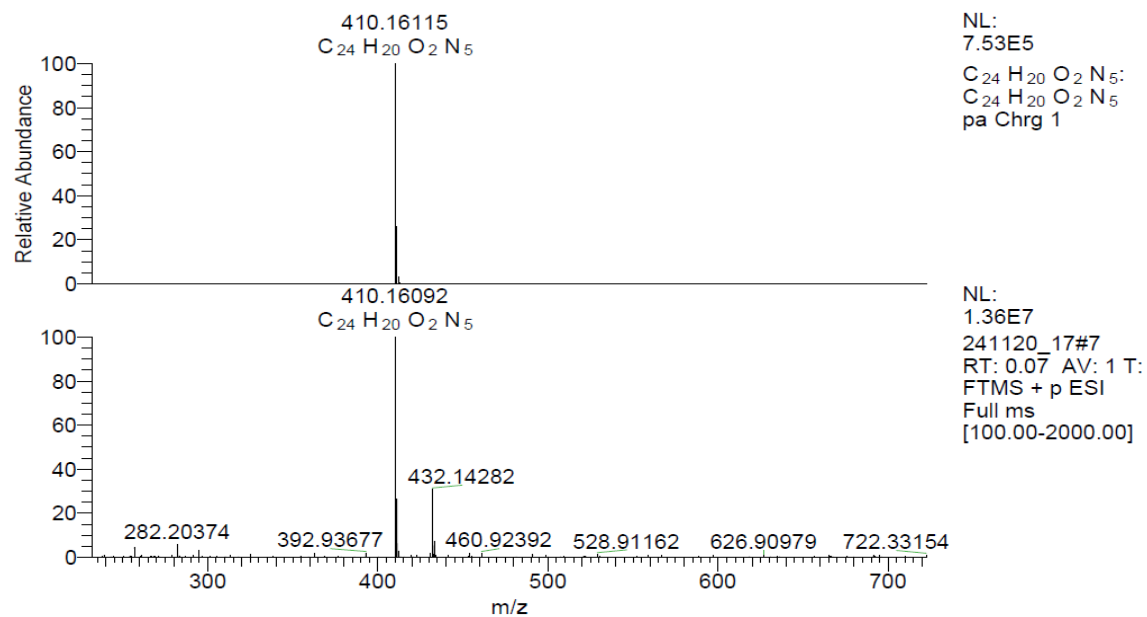


Figure S28. HRMS spectrum of compound **11a**

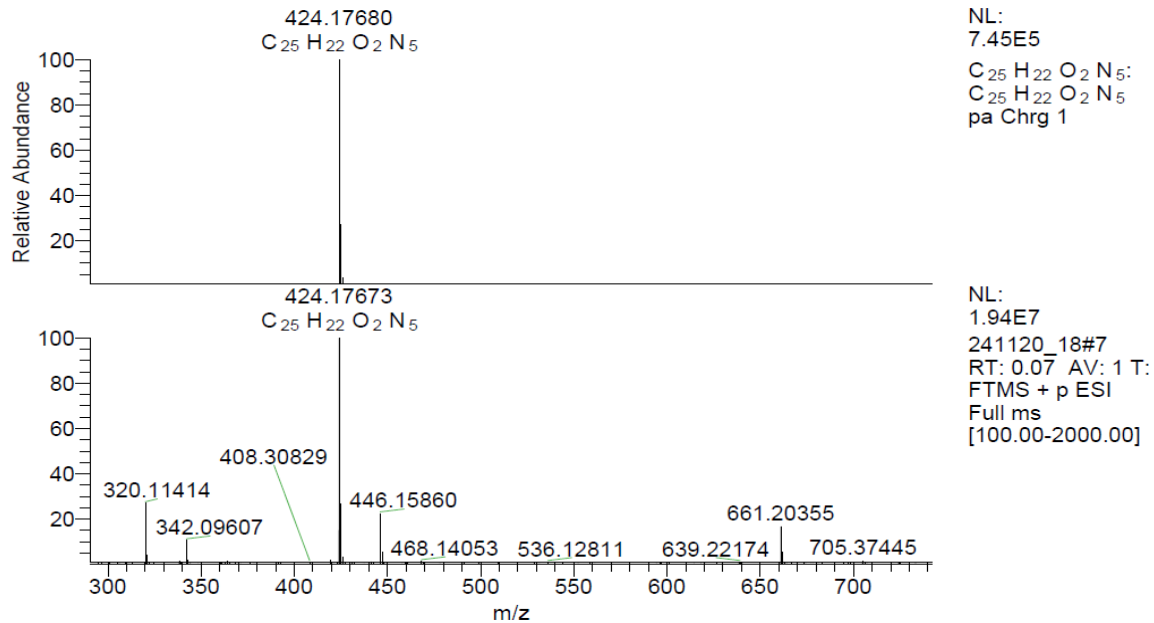


Figure S29. HRMS spectrum of compound **11b**

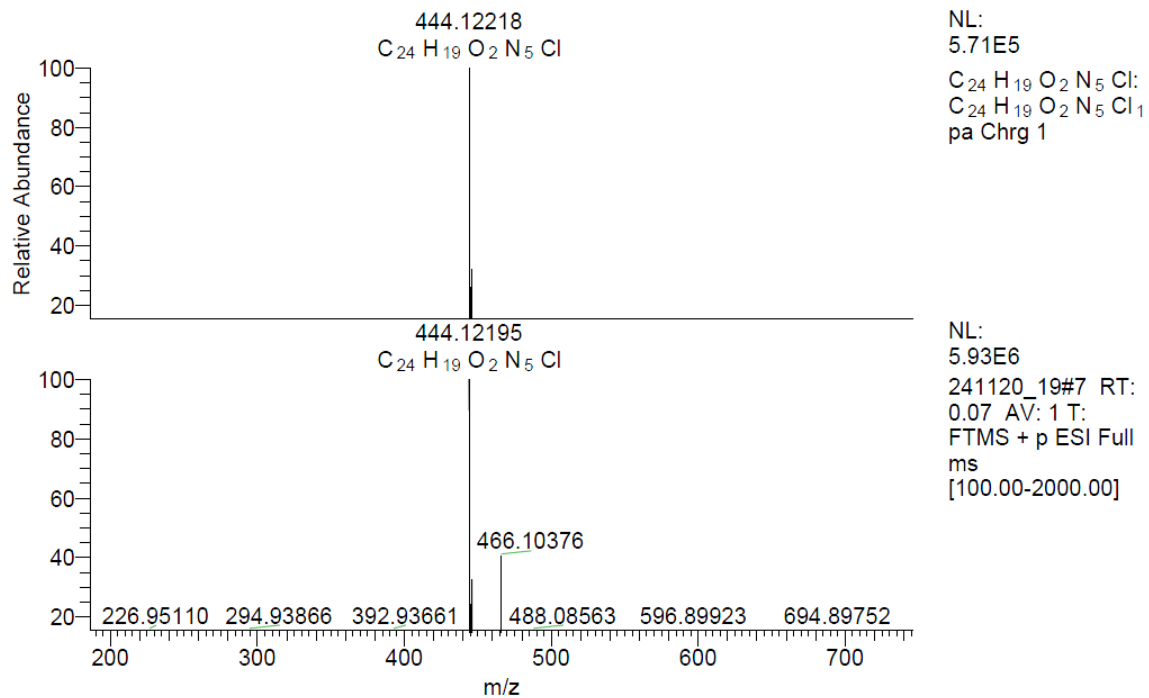


Figure S30. HRMS spectrum of compound **11c**

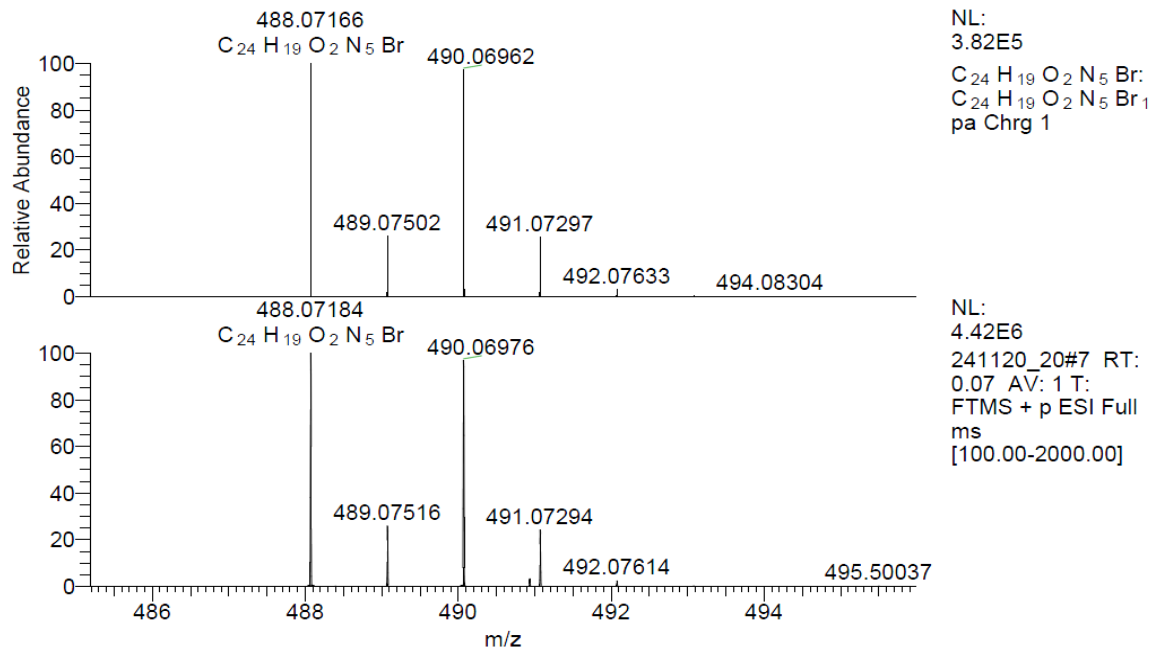


Figure S31. HRMS spectrum of compound 11d

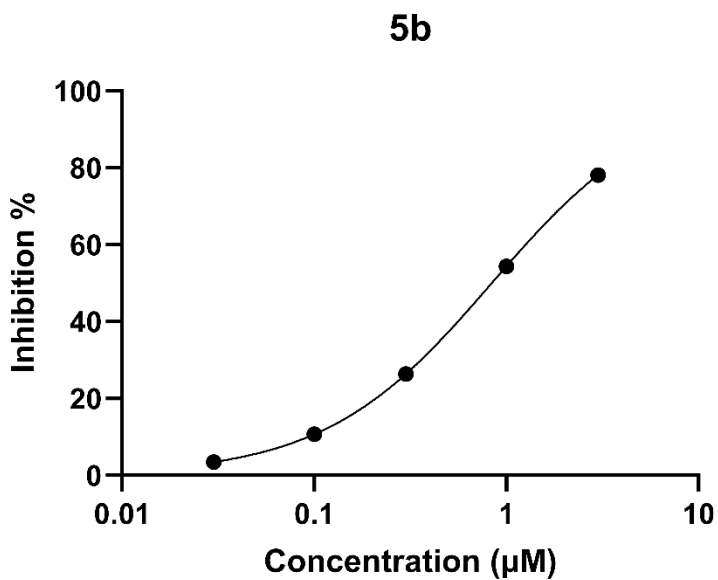


Figure S32. Dose response curve for inhibition % versus concentration (μM) of compound 5b