

Figure S1. ^1H NMR spectrum of compound 2.

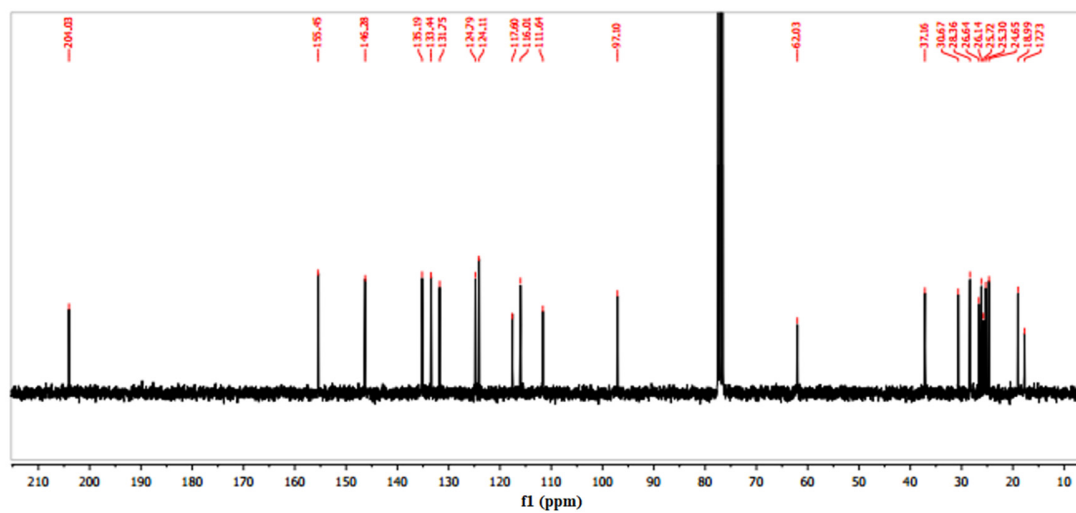


Figure S2. ^{13}C NMR spectrum of compound 2.

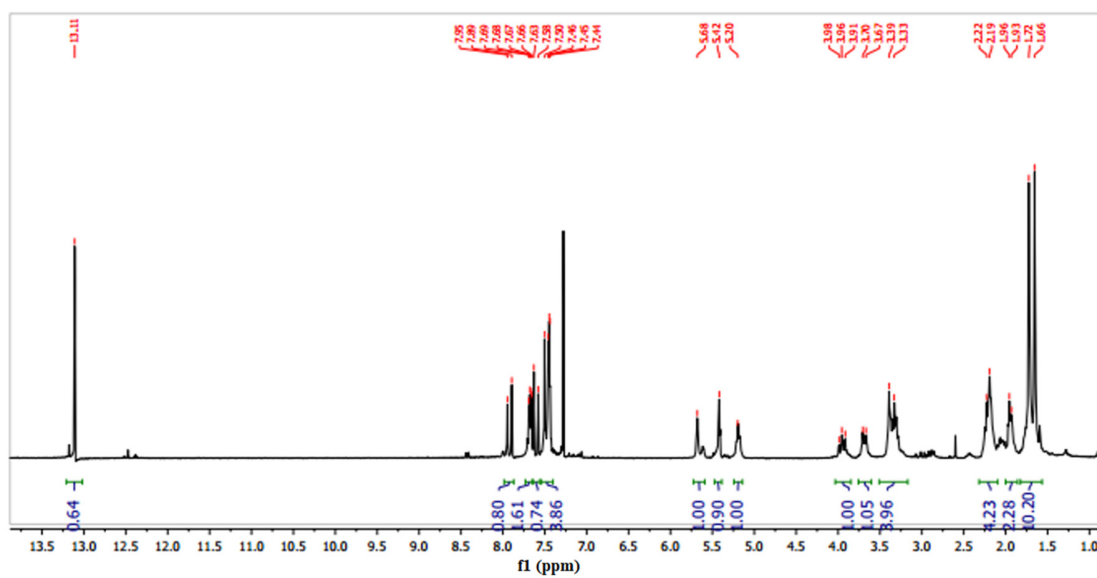


Figure S3. ^1H NMR spectrum of compound **3a**.

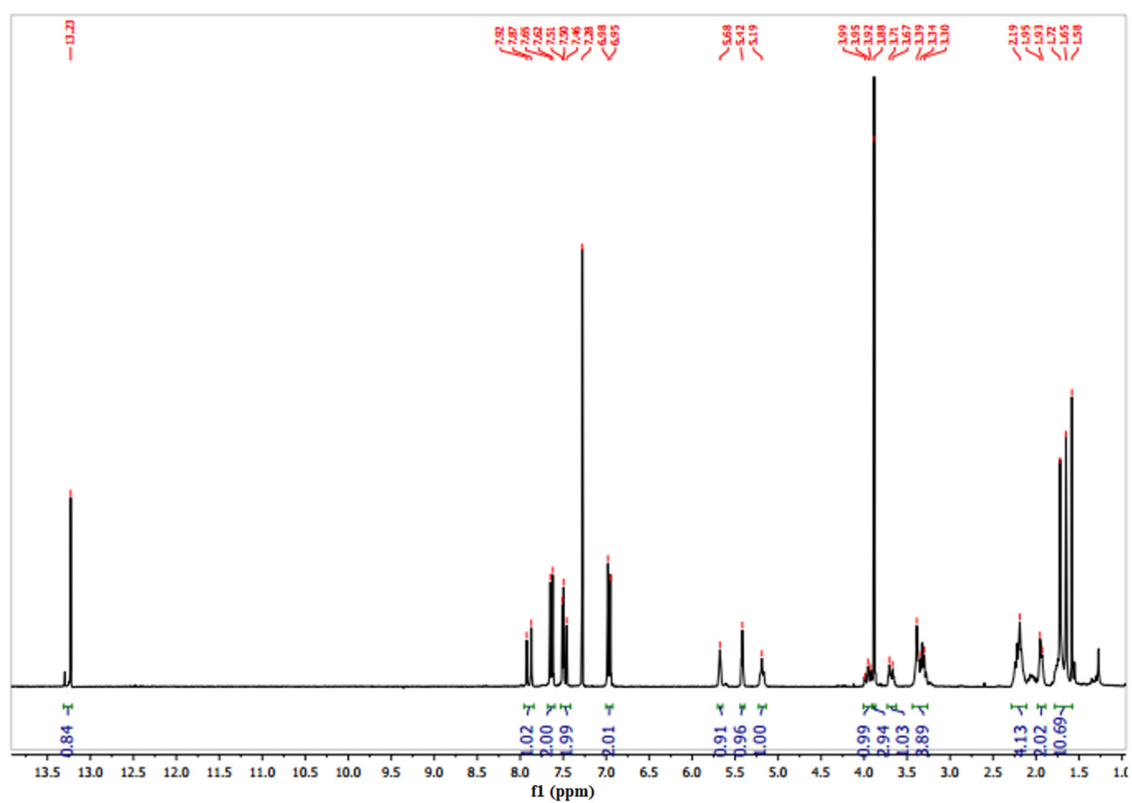


Figure S4. ¹H NMR spectrum of compound **3b**.

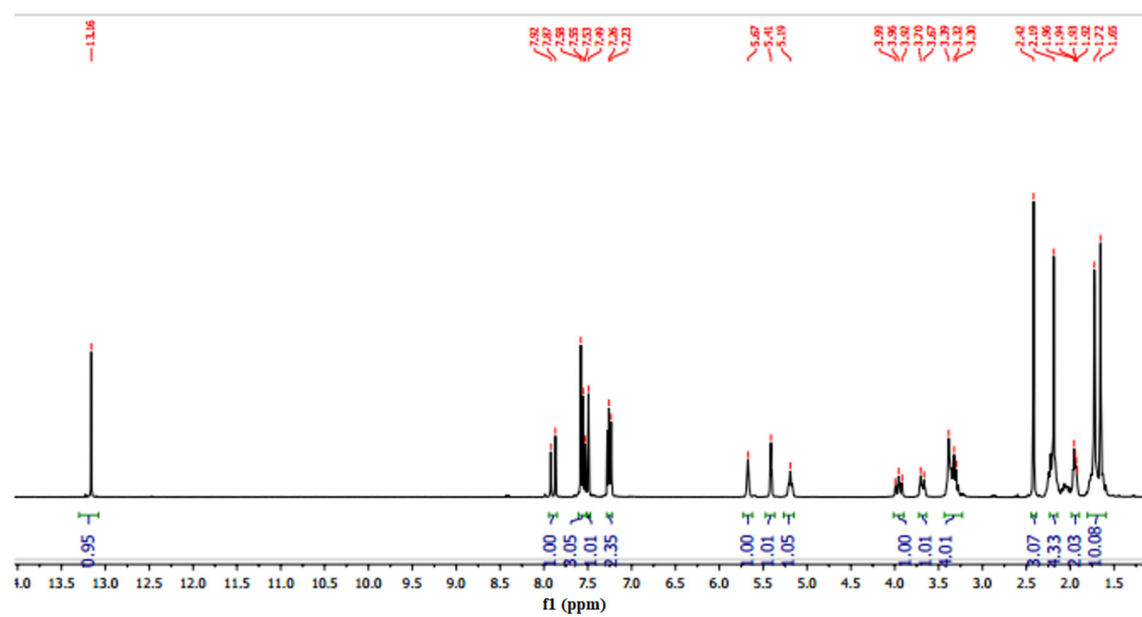


Figure S5. ^1H NMR spectrum of compound **3c**.

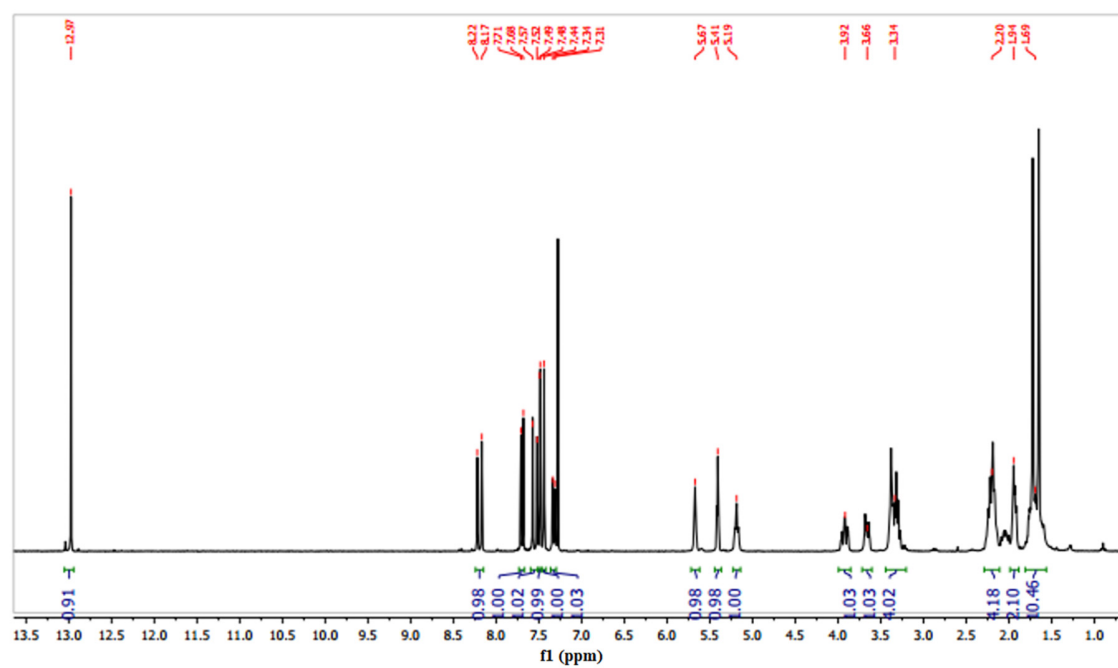


Figure S6. ¹H NMR spectrum of compound 3d.

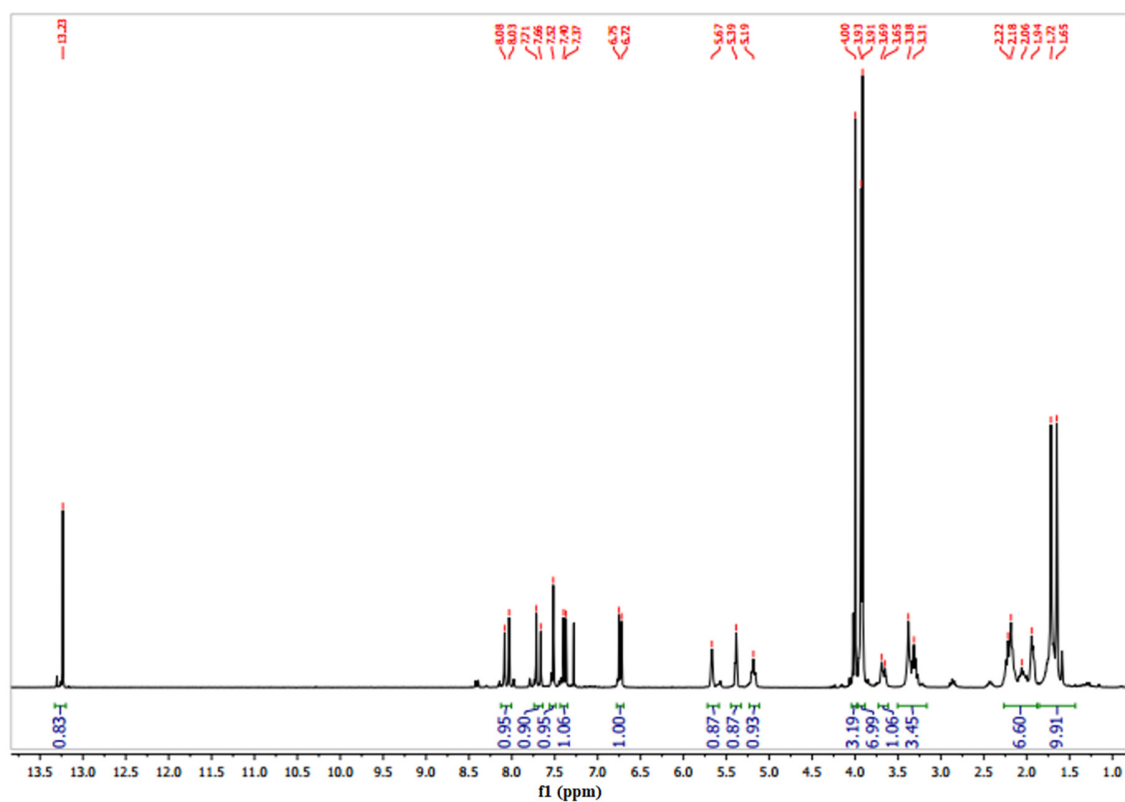


Figure S7. ¹H NMR spectrum of compound 3e.

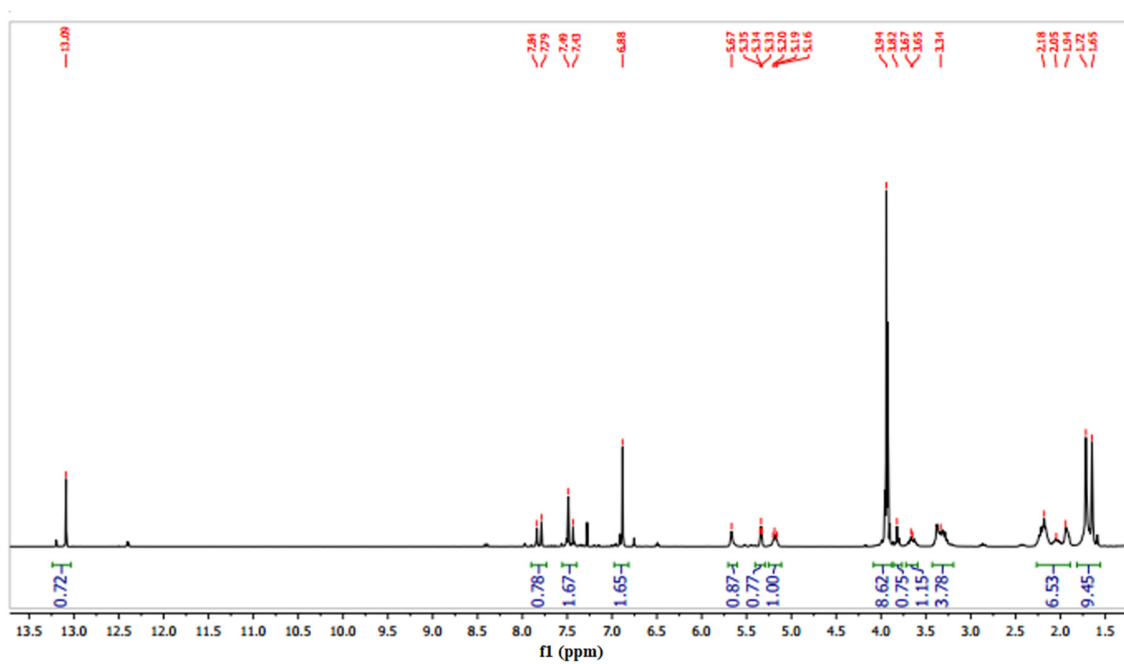


Figure S8. ¹H NMR spectrum of compound 3f.

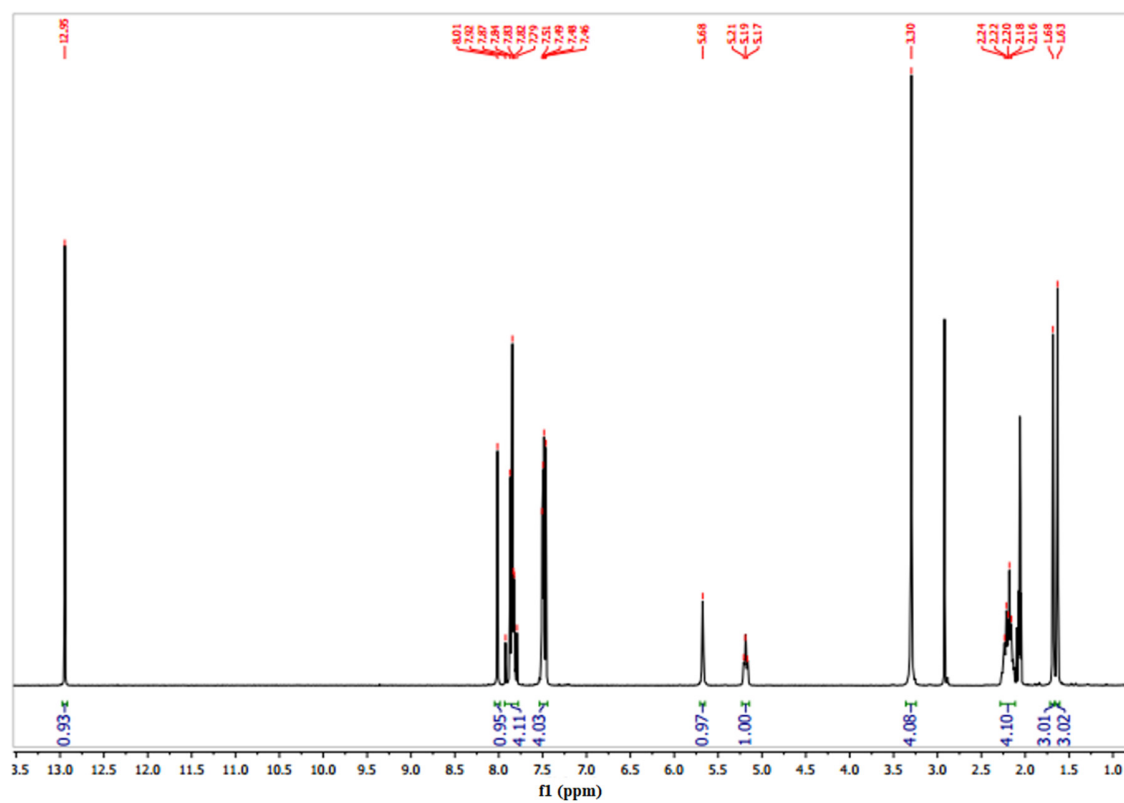


Figure S9. ¹H NMR spectrum of compound 4a.

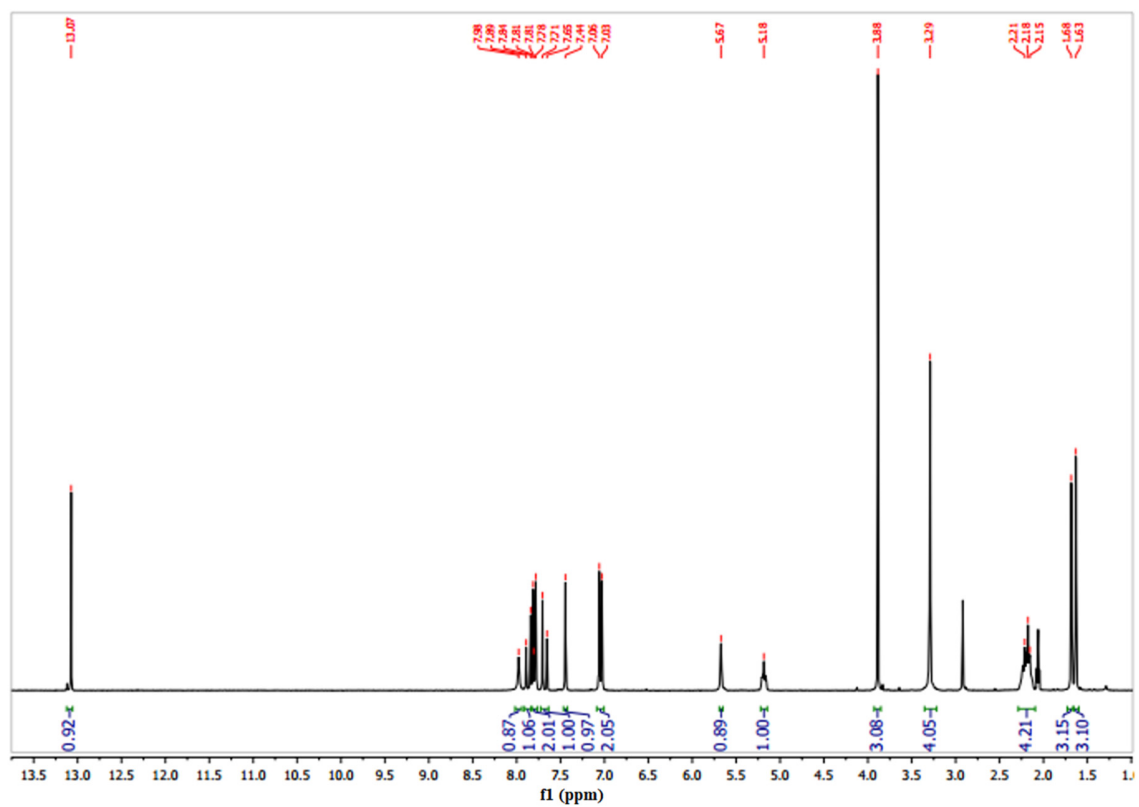


Figure S10. ¹H NMR spectrum of compound 4b.

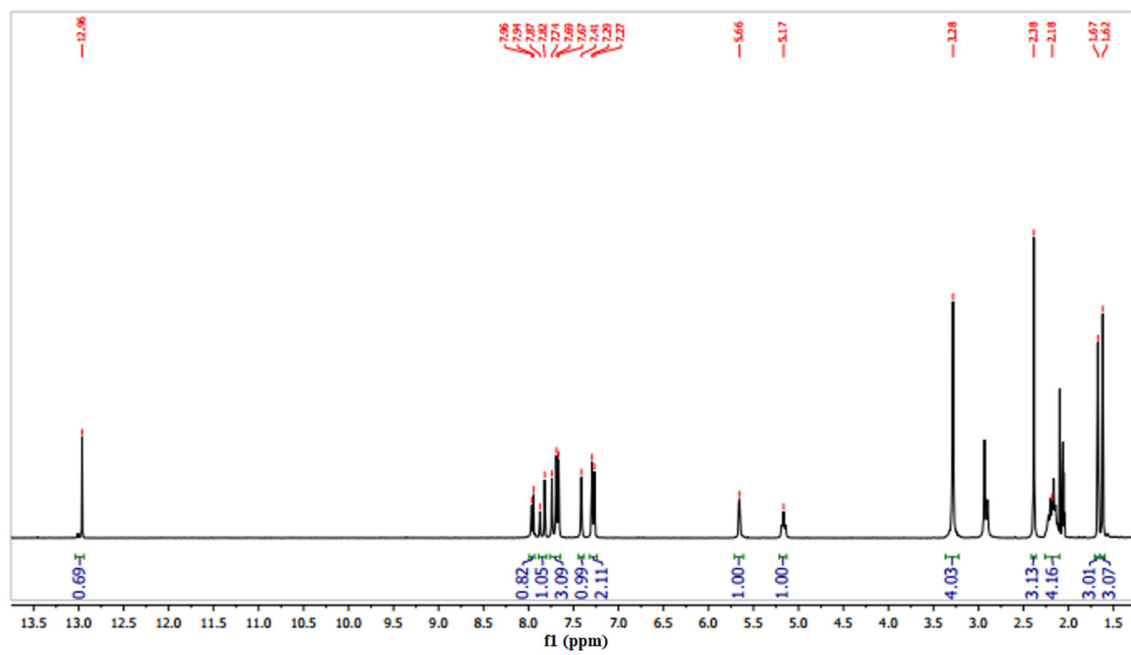


Figure S11. ^1H NMR spectrum of compound **4c**.

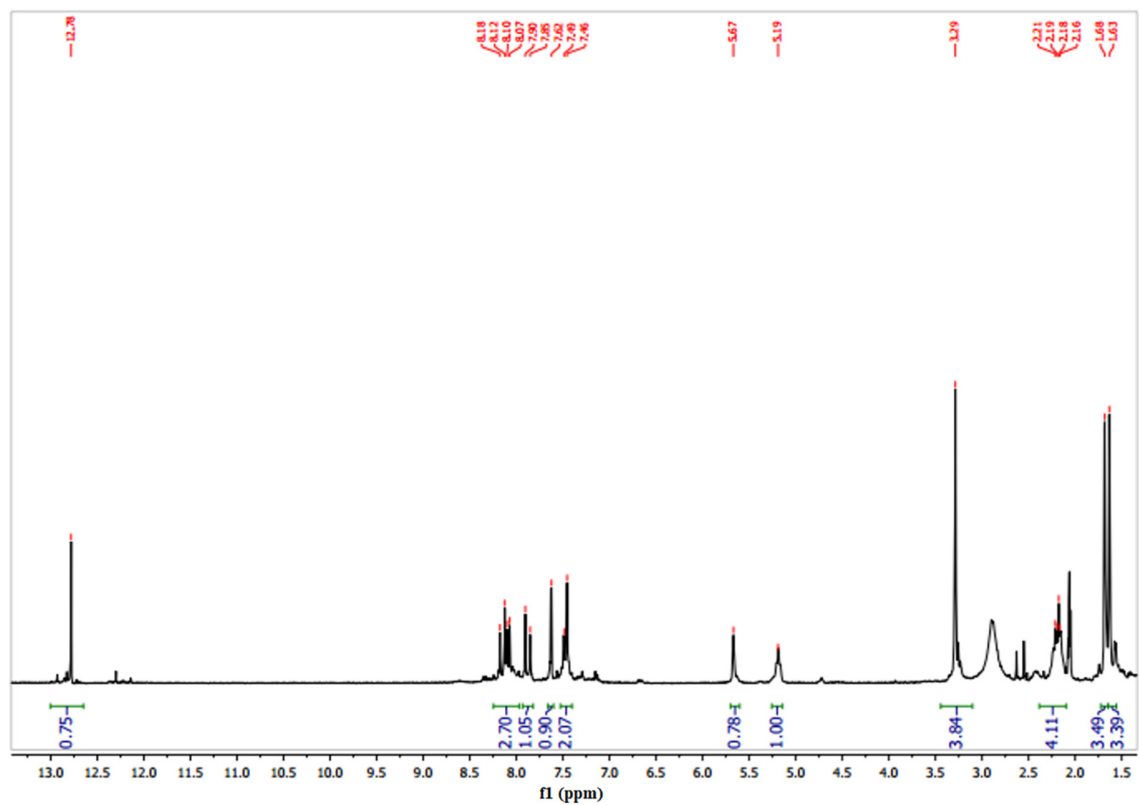


Figure S12. ^1H NMR spectrum of compound 4d.

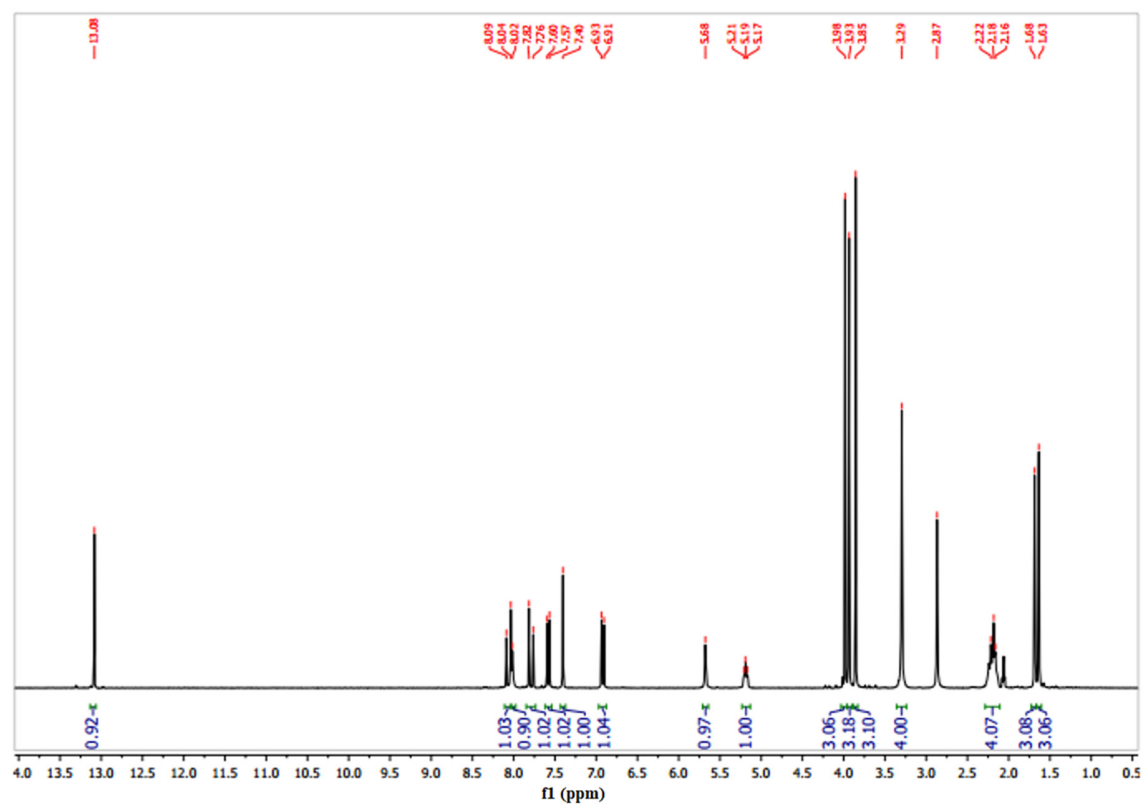


Figure S13. ¹H NMR spectrum of compound 4e.

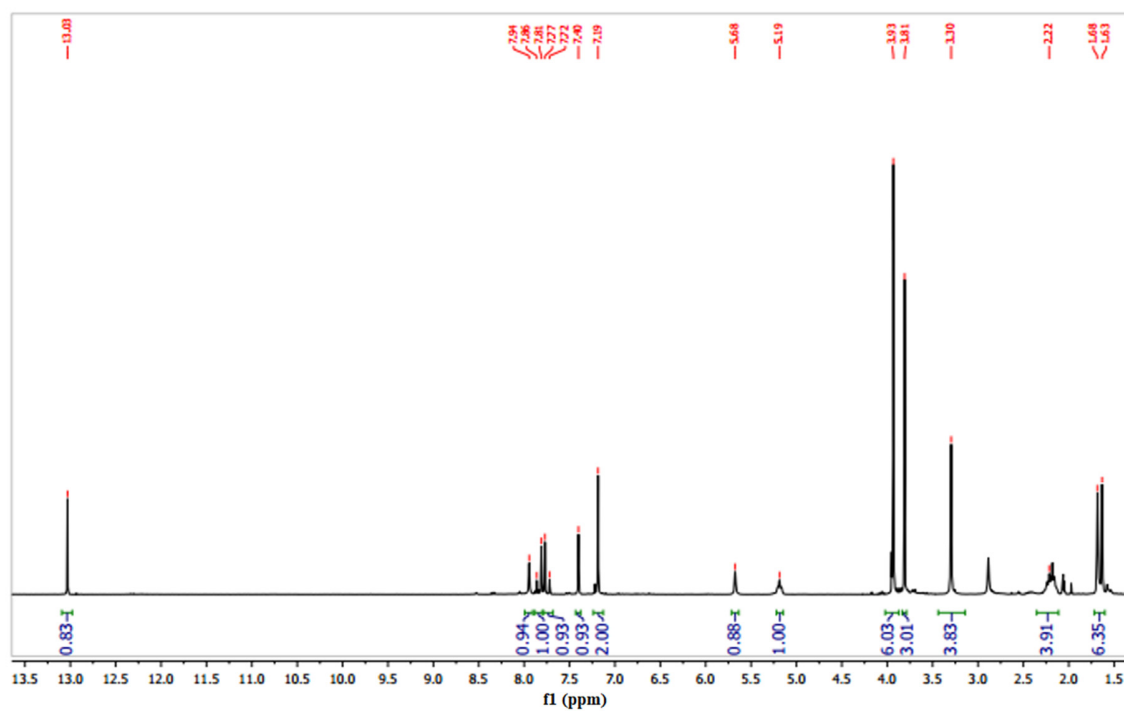


Figure S14. ¹H NMR spectrum of compound 4f.

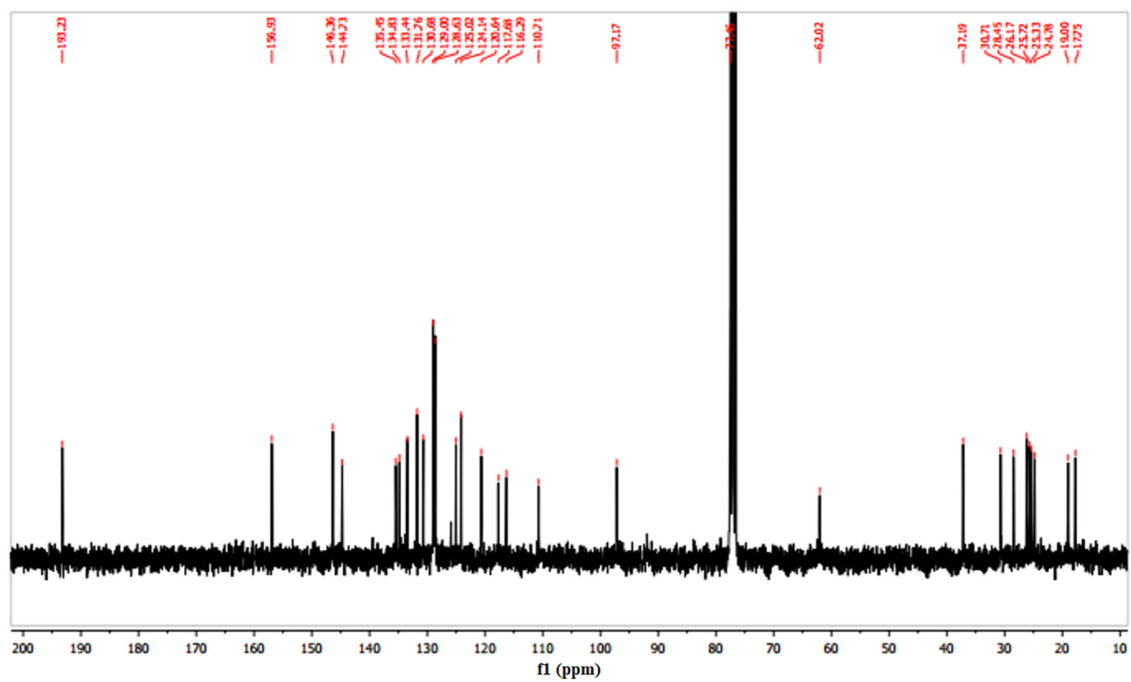


Figure S15. ^{13}C NMR spectrum of compound 3a.

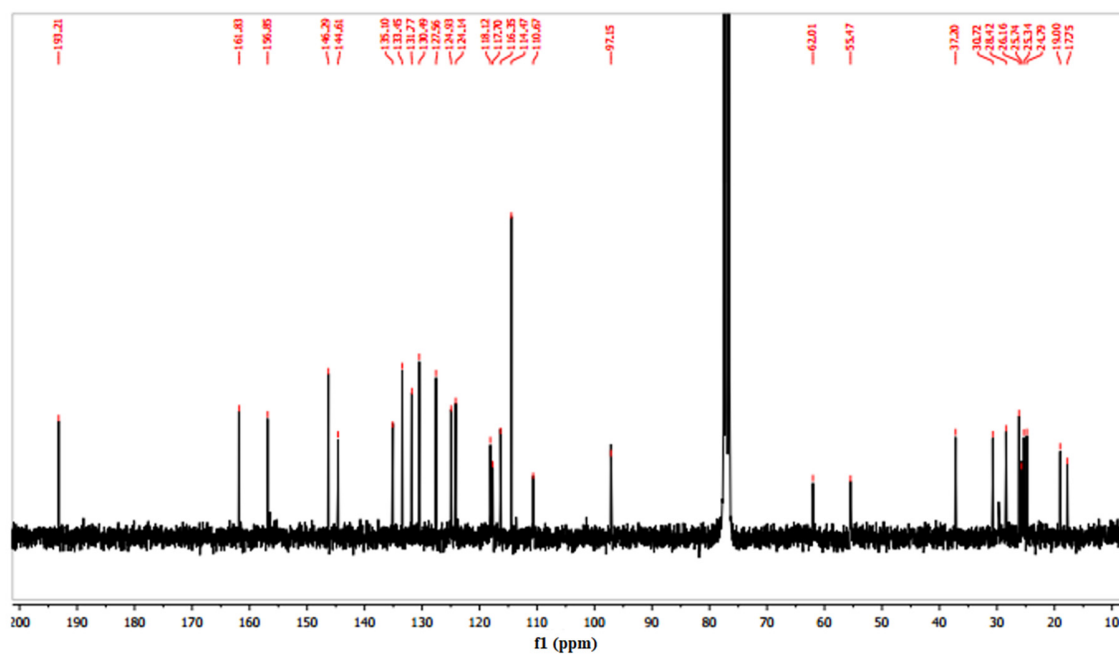


Figure S16. ^{13}C NMR spectrum of compound **3b**.

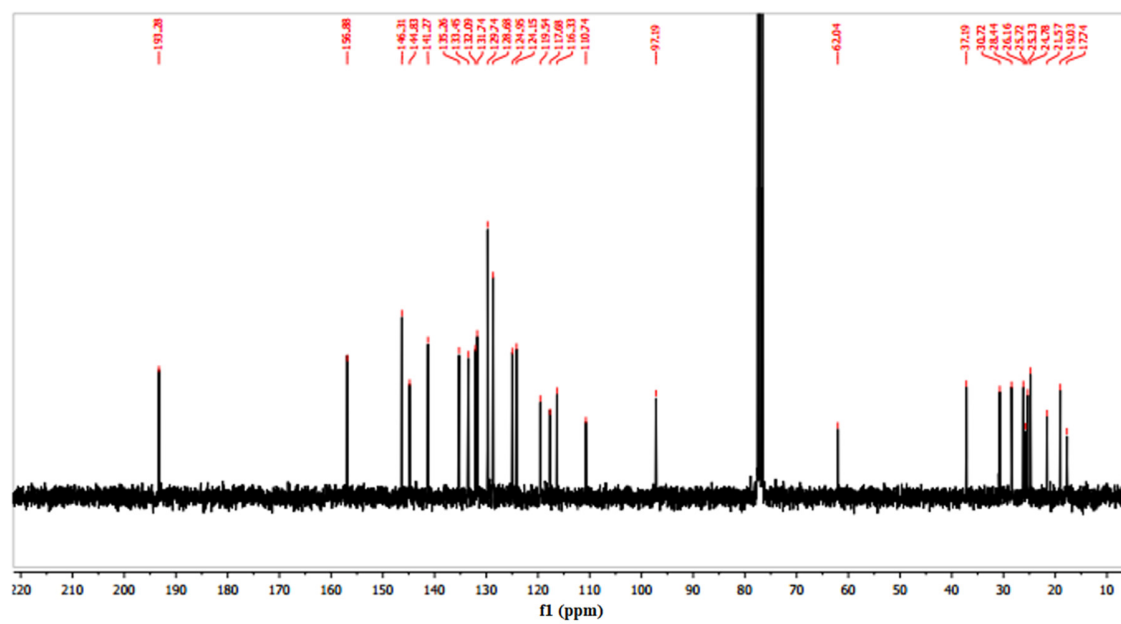


Figure S17. ^{13}C NMR spectrum of compound 3c.

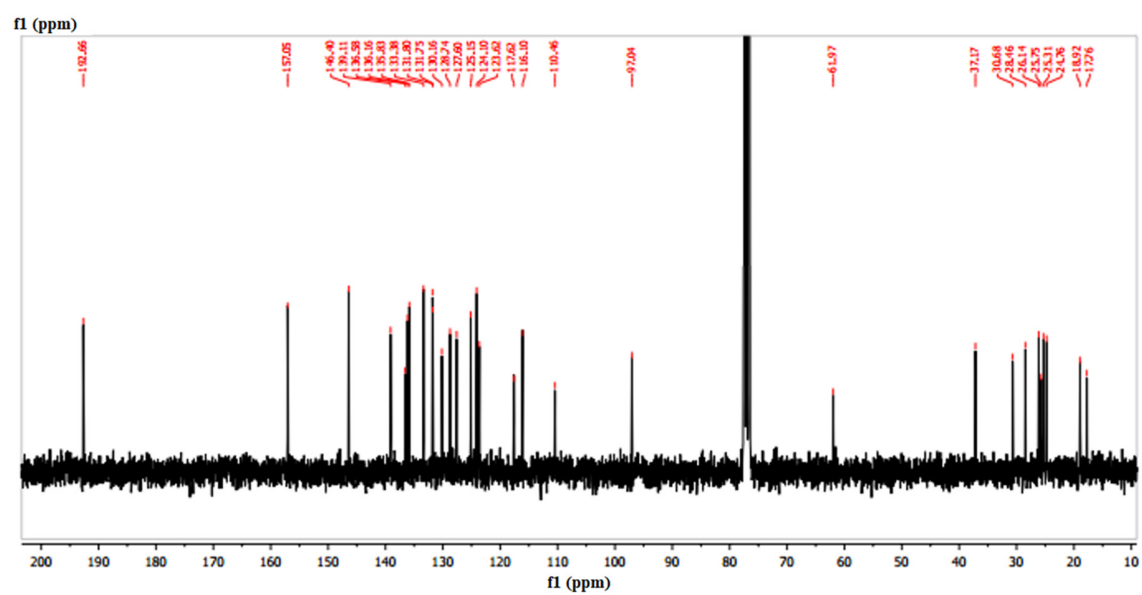


Figure S18. ^{13}C NMR spectrum of compound **3d**.

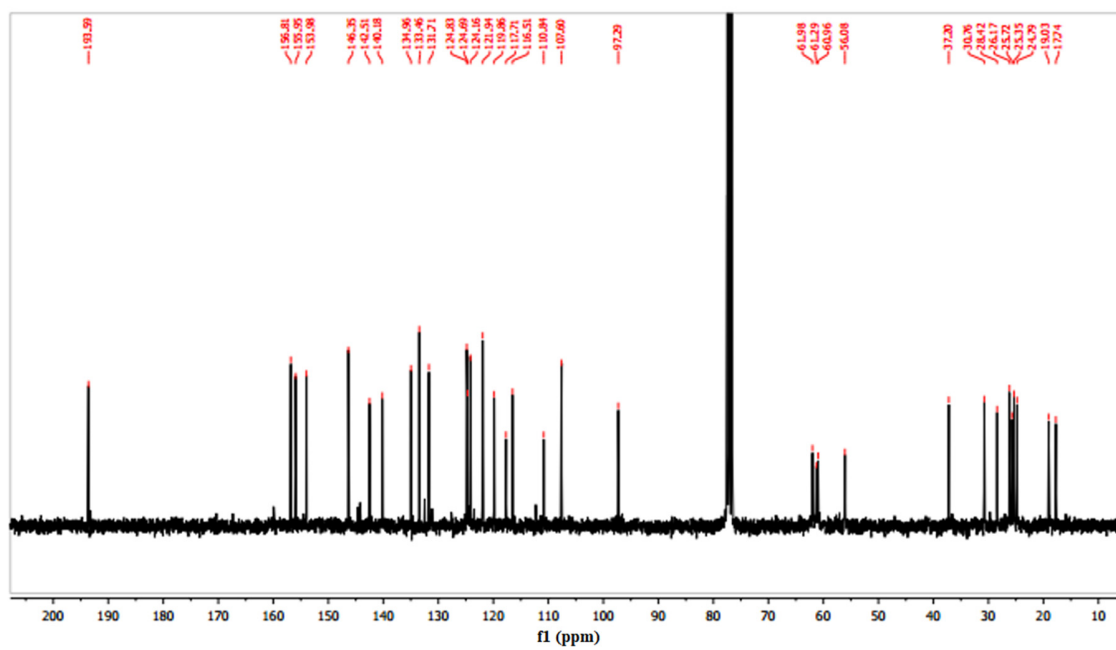


Figure S19. ¹³C NMR spectrum of compound 3e.

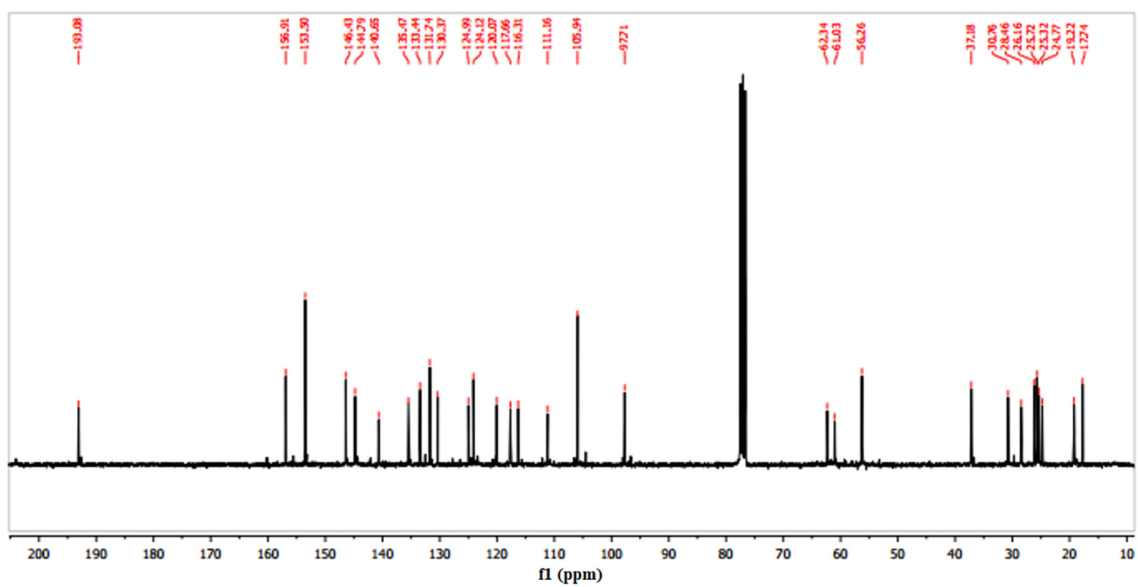


Figure S20. ¹³C NMR spectrum of compound 3f.

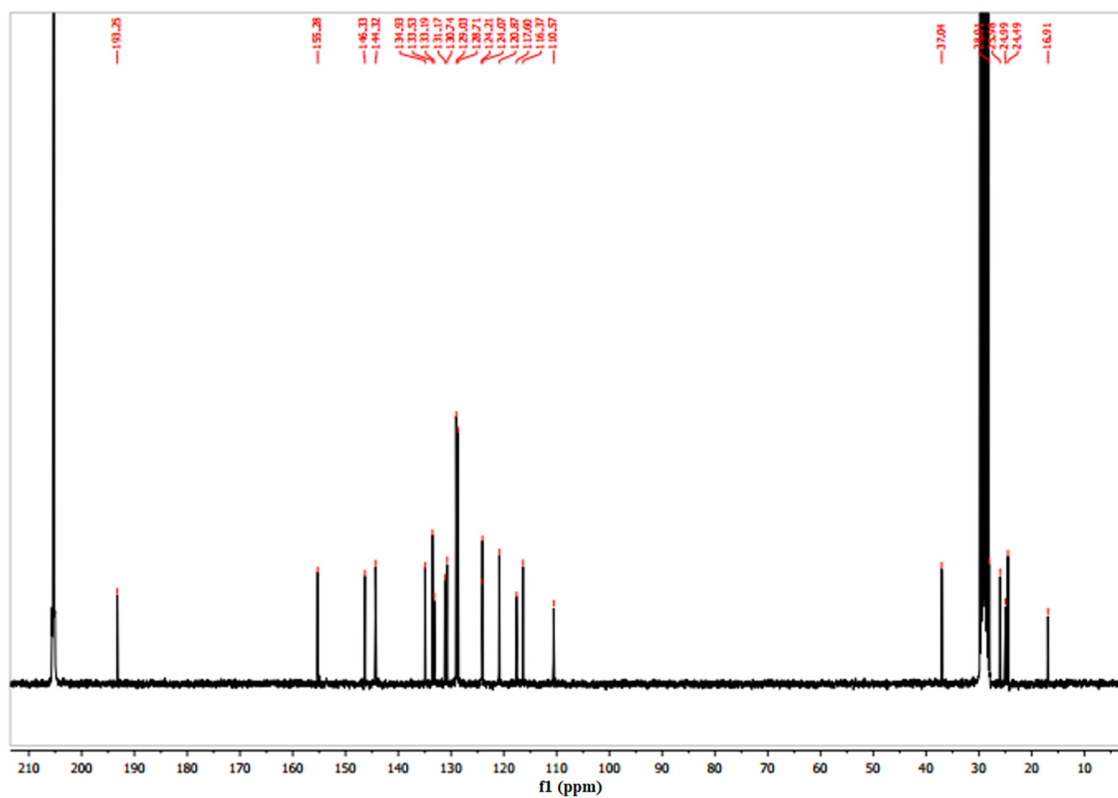


Figure S21. ^{13}C NMR spectrum of compound 4a.

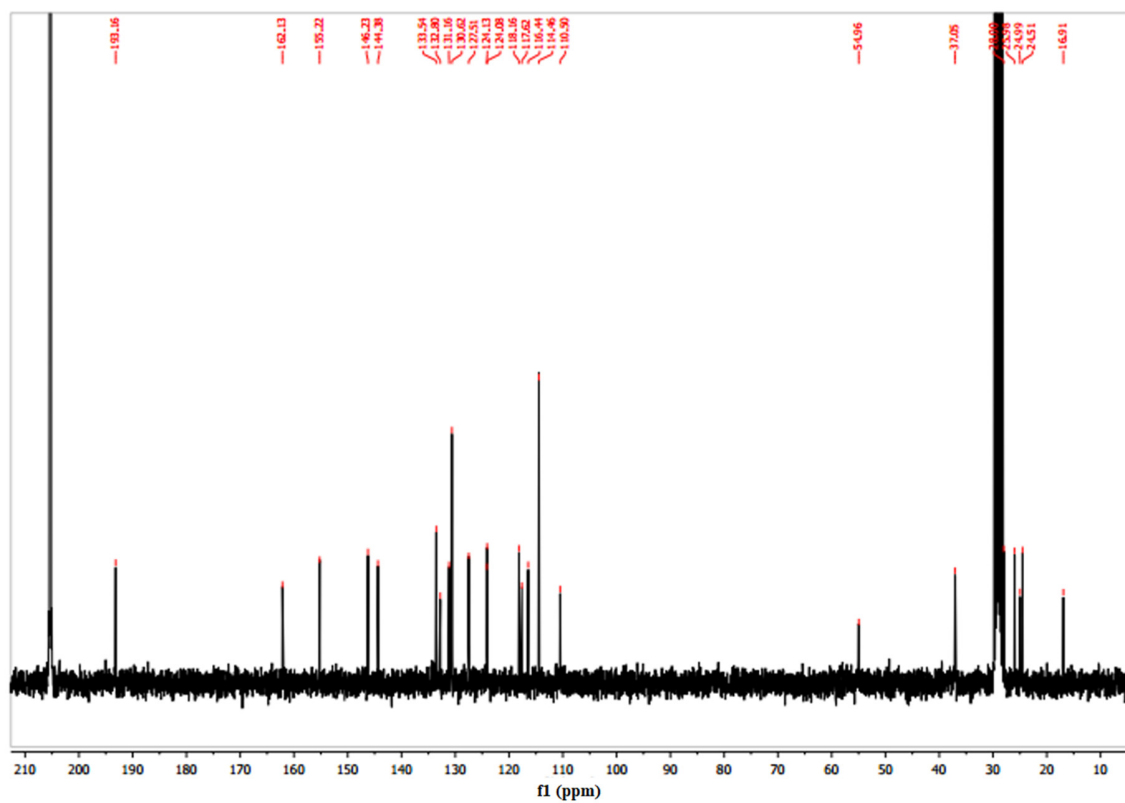


Figure S22. ^{13}C NMR spectrum of compound **4b**.

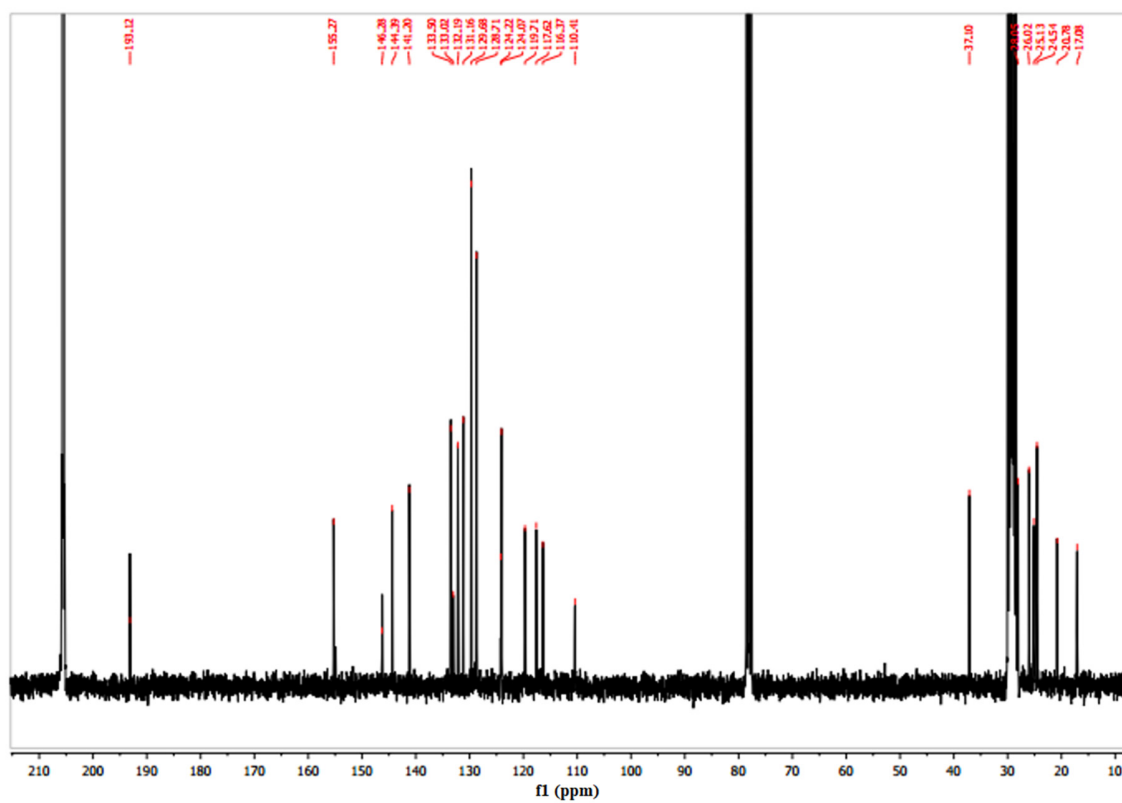


Figure S23. ¹³C NMR spectrum of compound 4c.

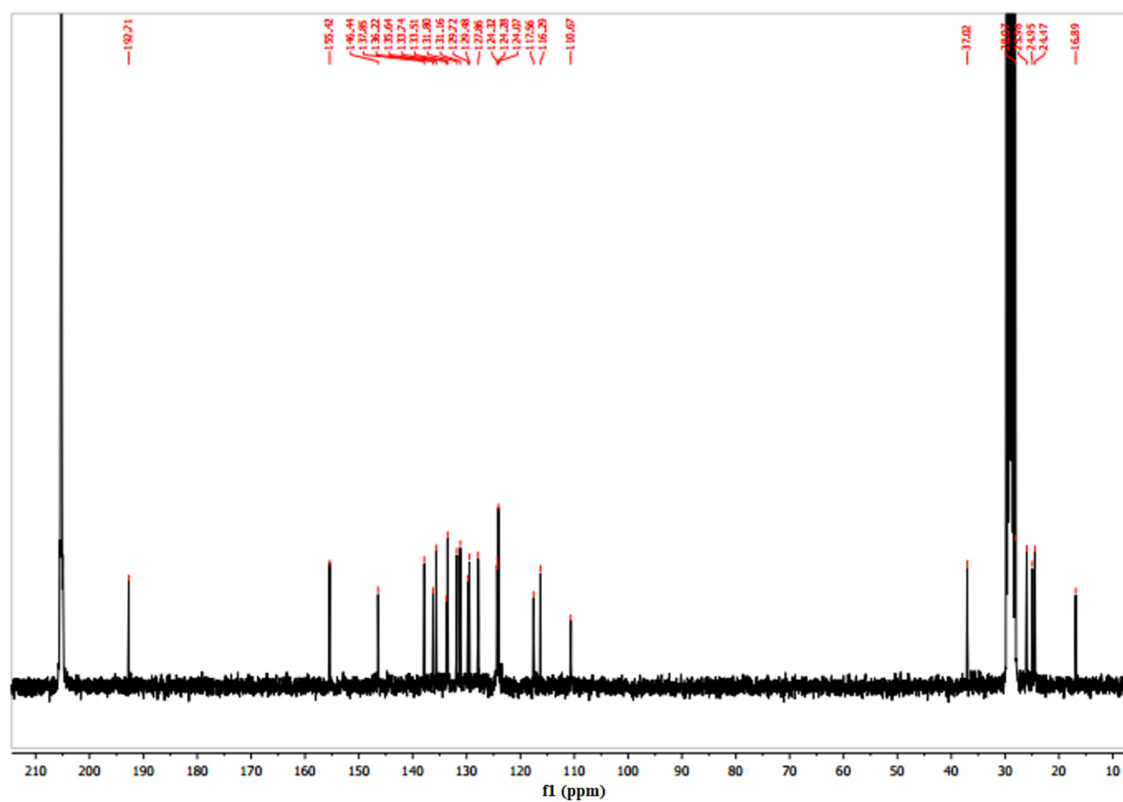


Figure S24. ¹³C NMR spectrum of compound 4d.

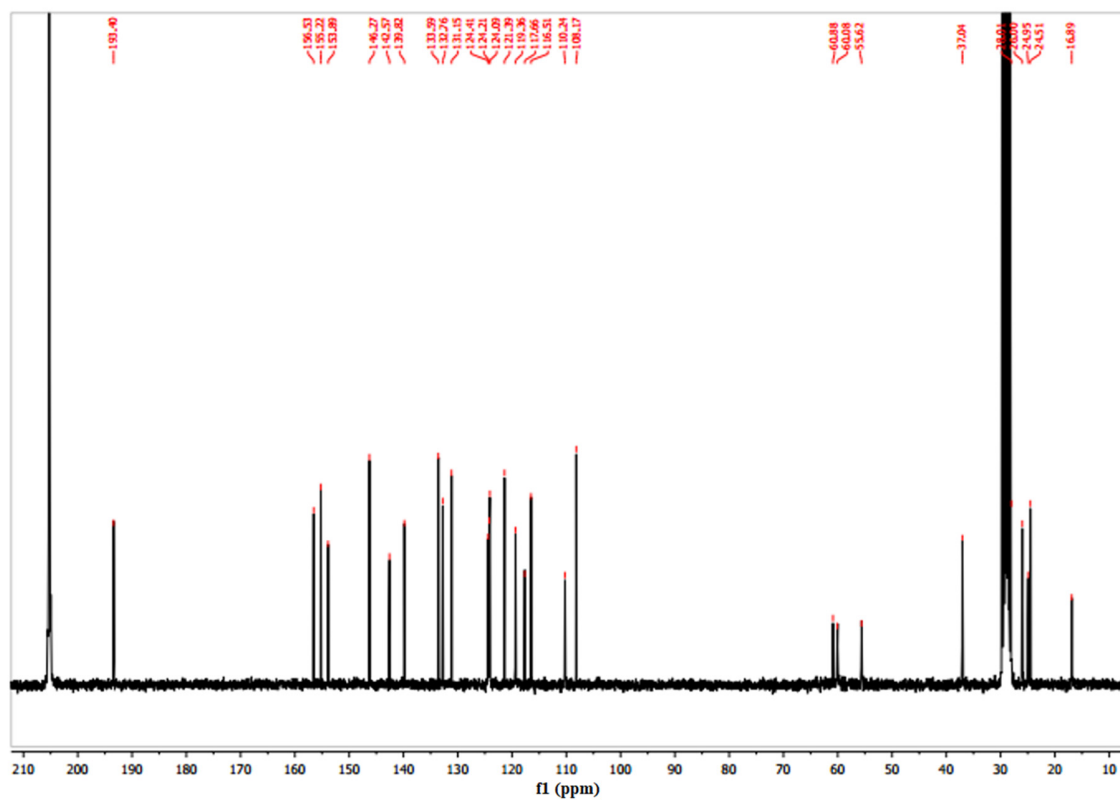


Figure S25. ^{13}C NMR spectrum of compound 4e.

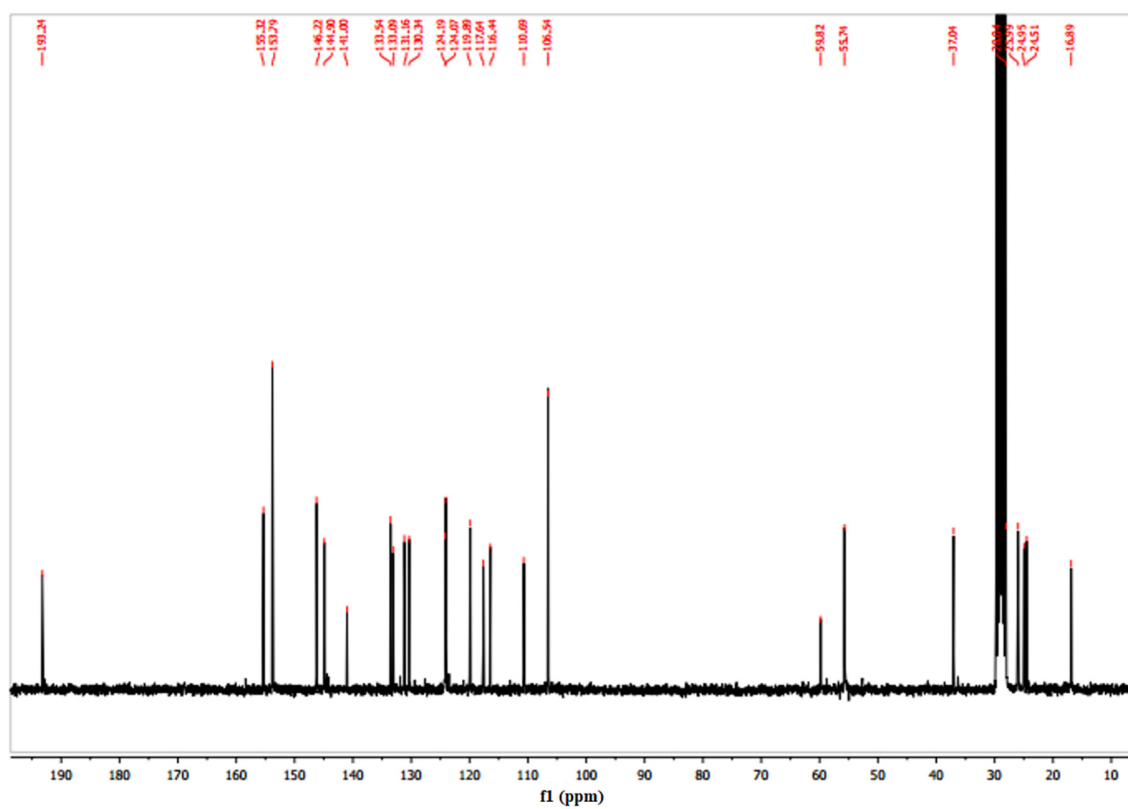


Figure S26. ^{13}C NMR spectrum of compound 4f.

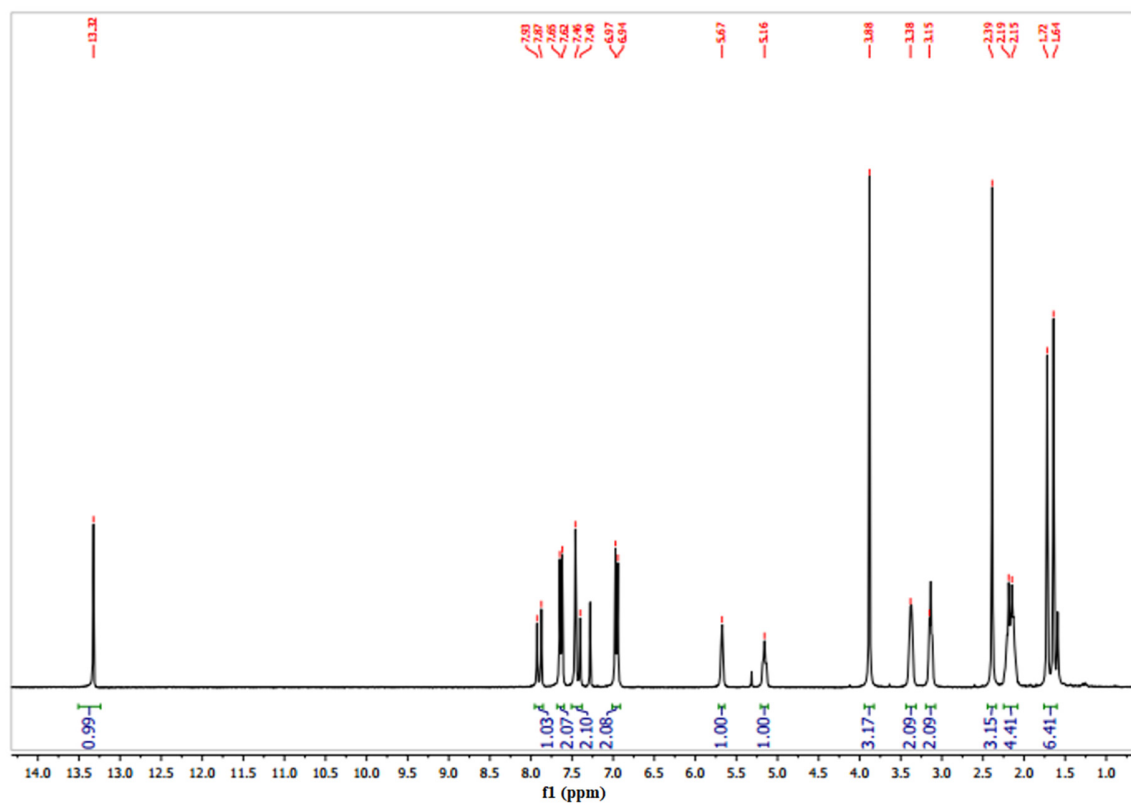


Figure S27. ¹H NMR spectrum of compound 5'b.

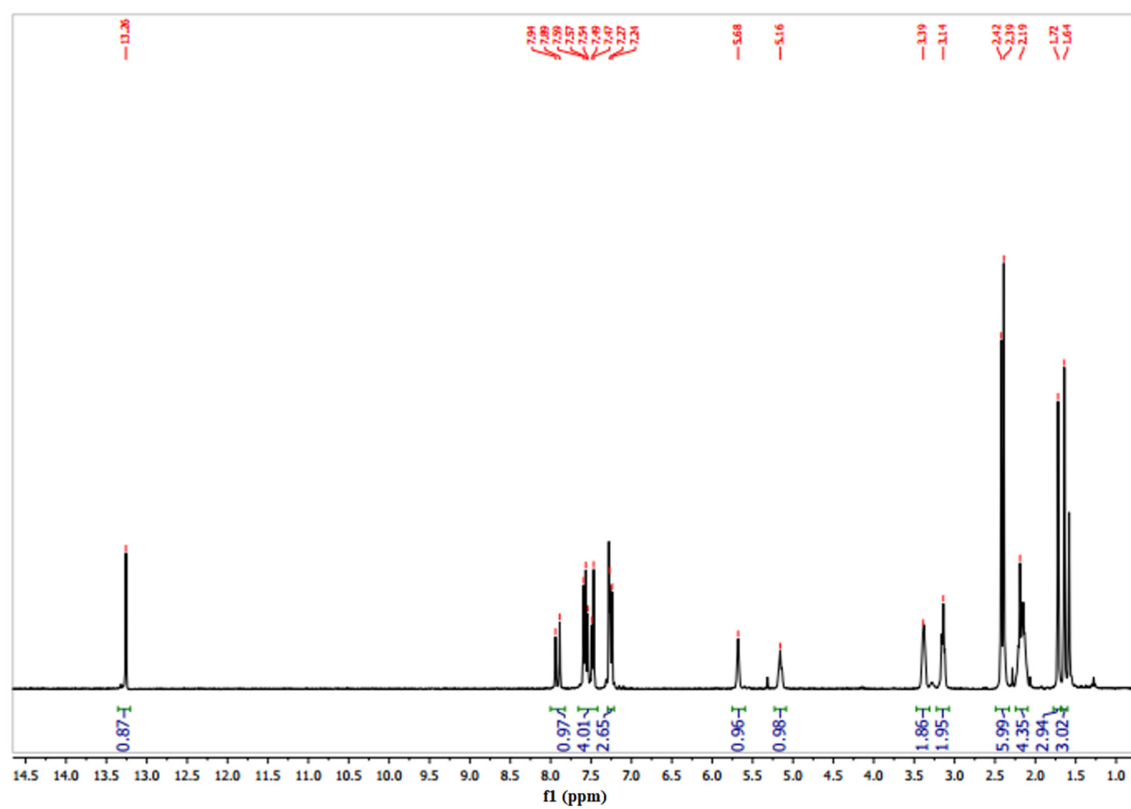


Figure S28. ¹H NMR spectrum of compound 5'c.

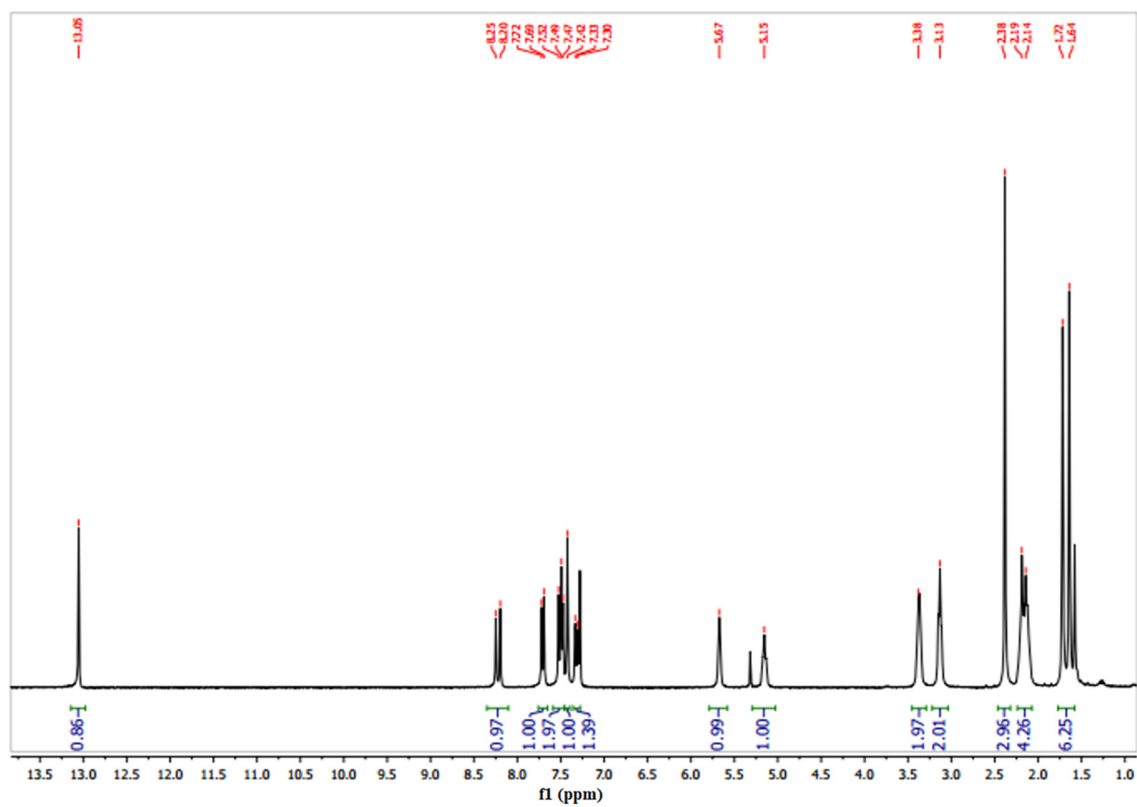


Figure S29. ¹H NMR spectrum of compound 5'd.

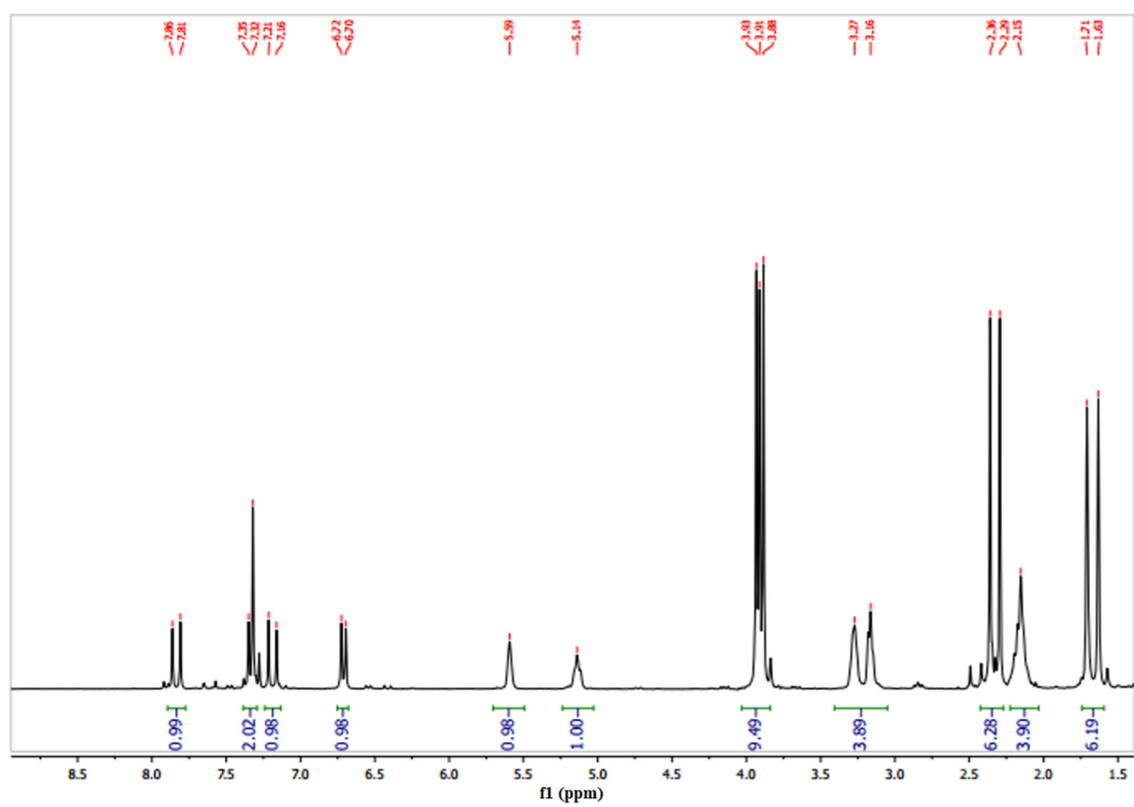


Figure S30. ^1H NMR spectrum of compound 5e.

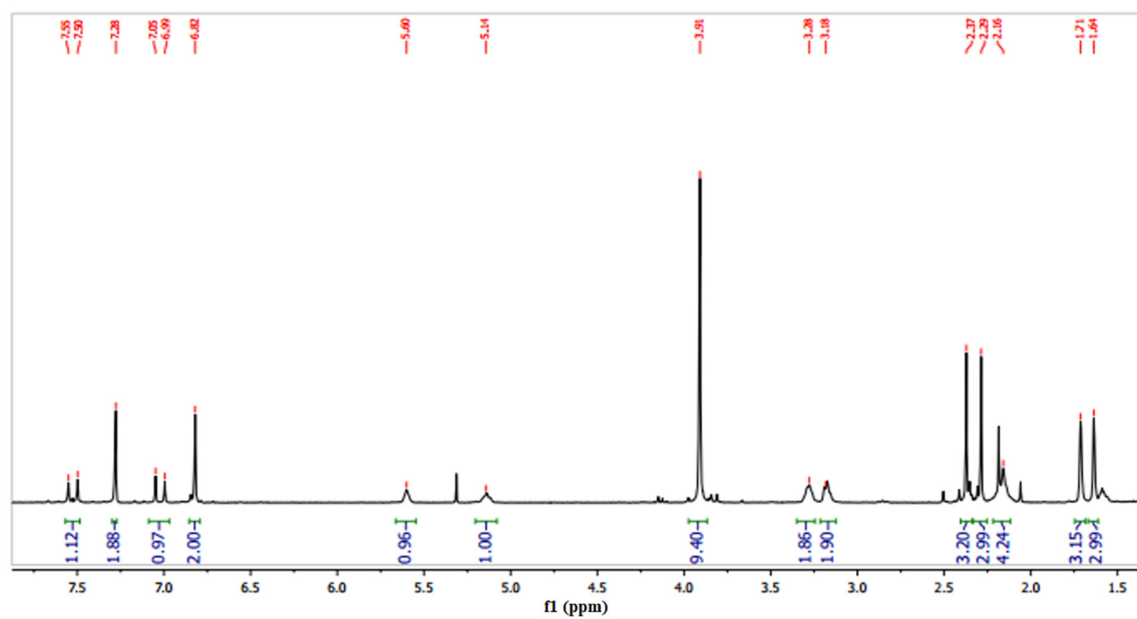


Figure S31. ¹H NMR spectrum of compound 5f.

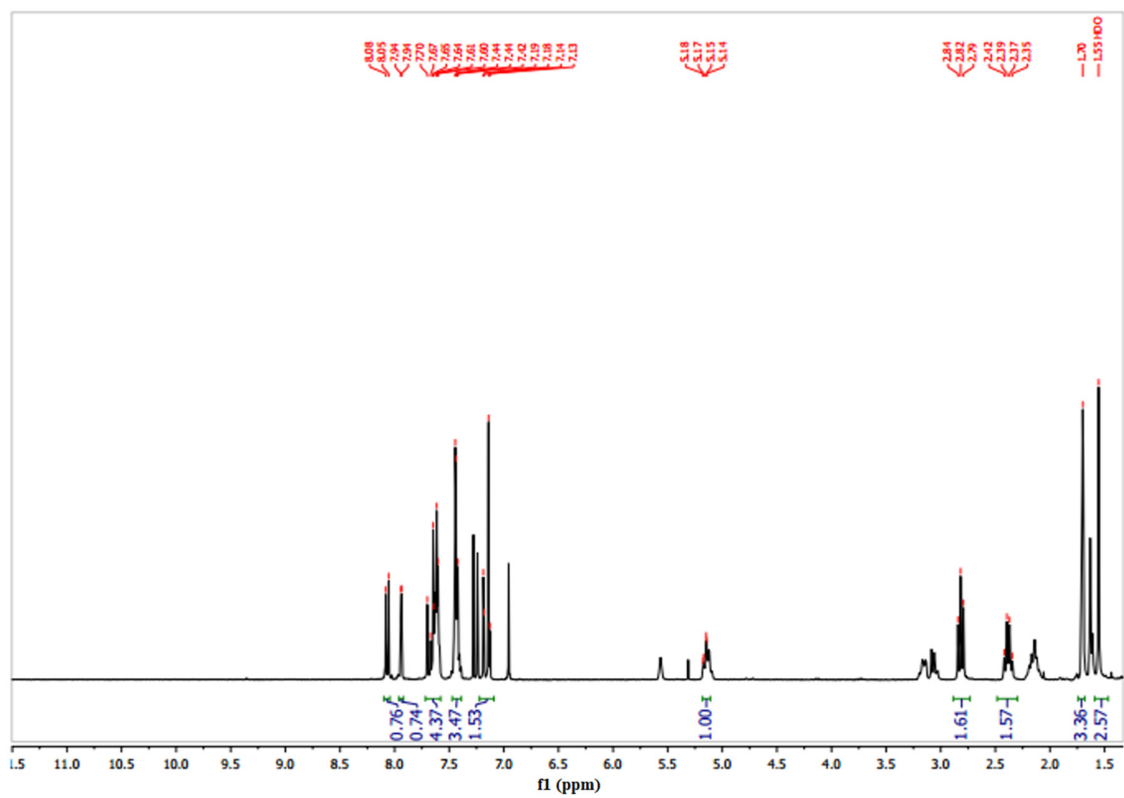


Figure S32. ¹H NMR spectrum of compound 6a.

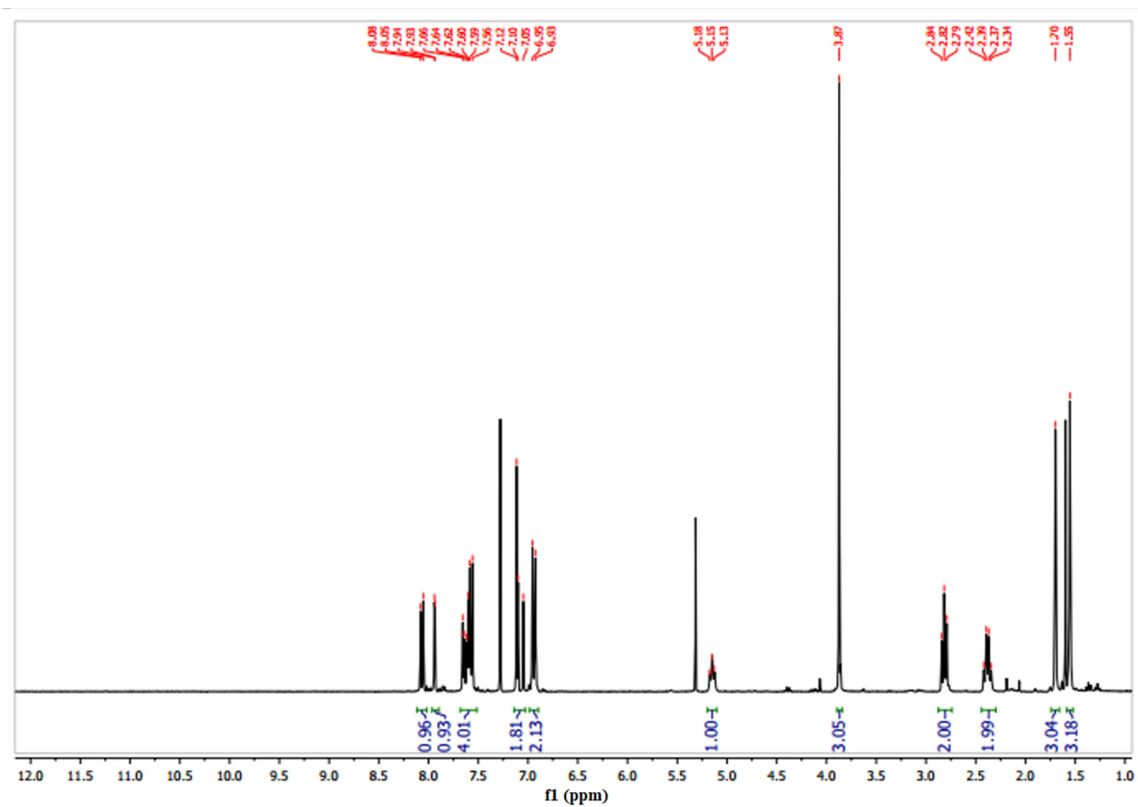


Figure S33. ¹H NMR spectrum of compound **6b**.

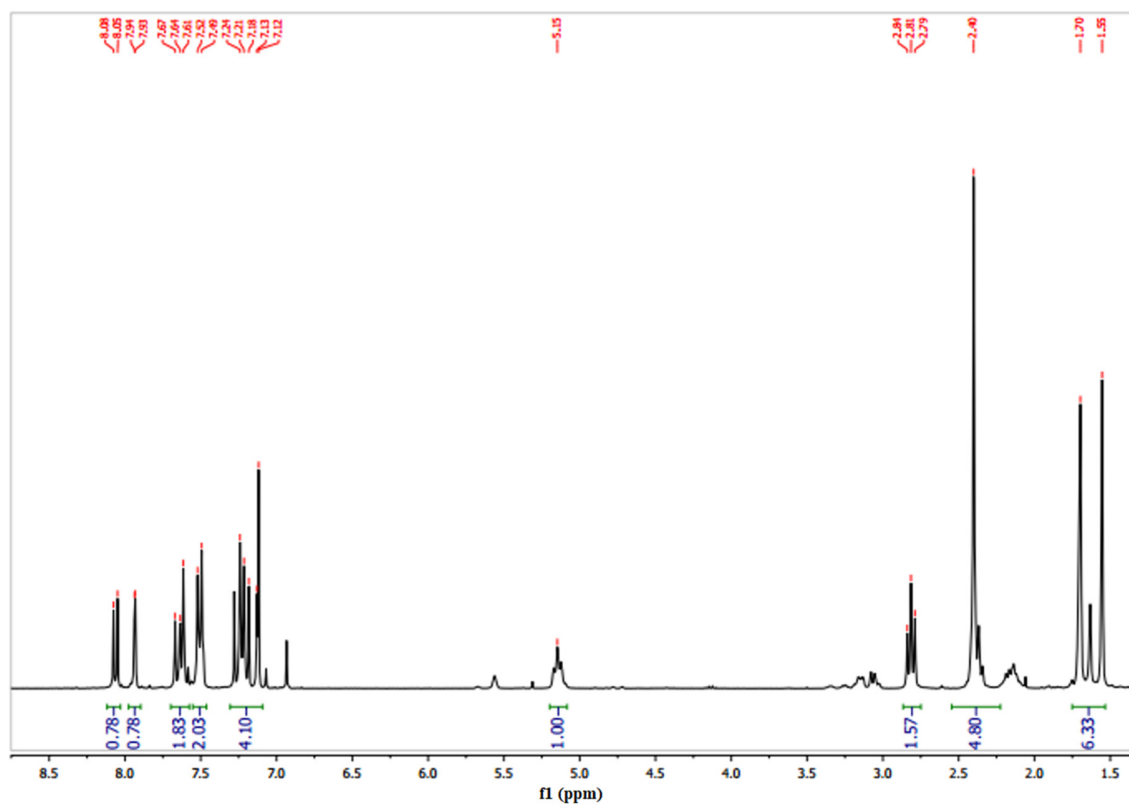


Figure S34. ¹H NMR spectrum of compound 6c.

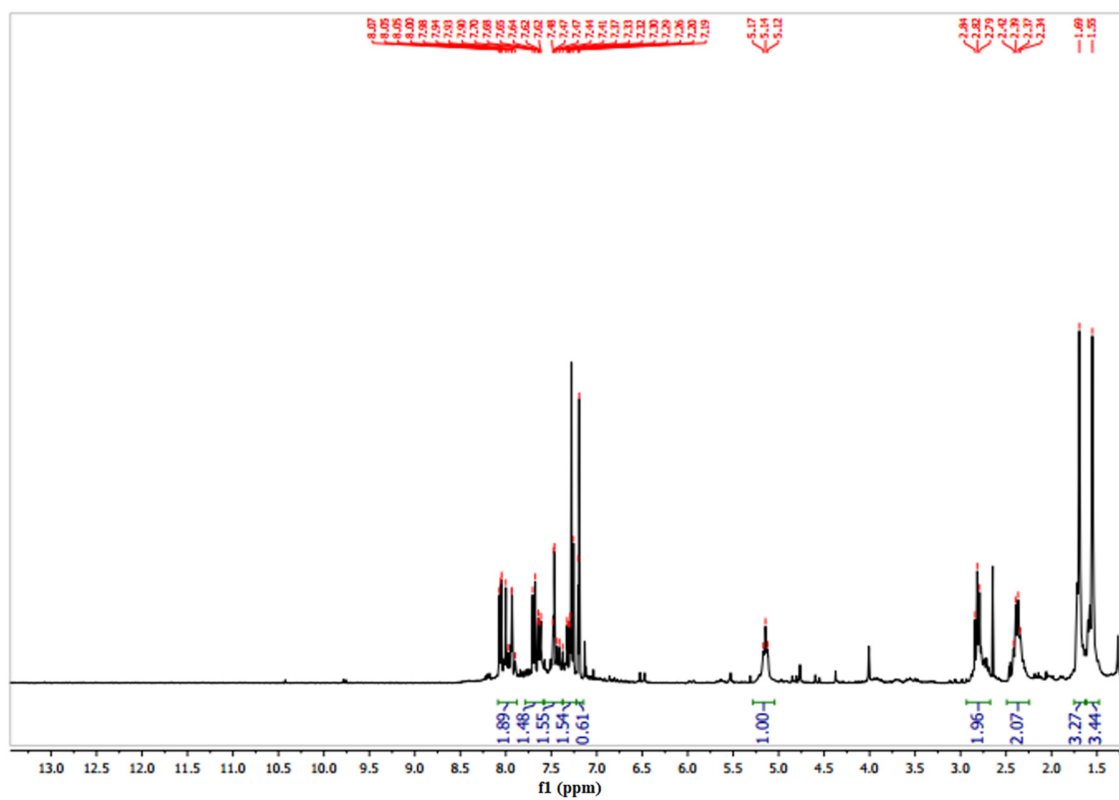


Figure S35. ¹H NMR spectrum of compound 6d.

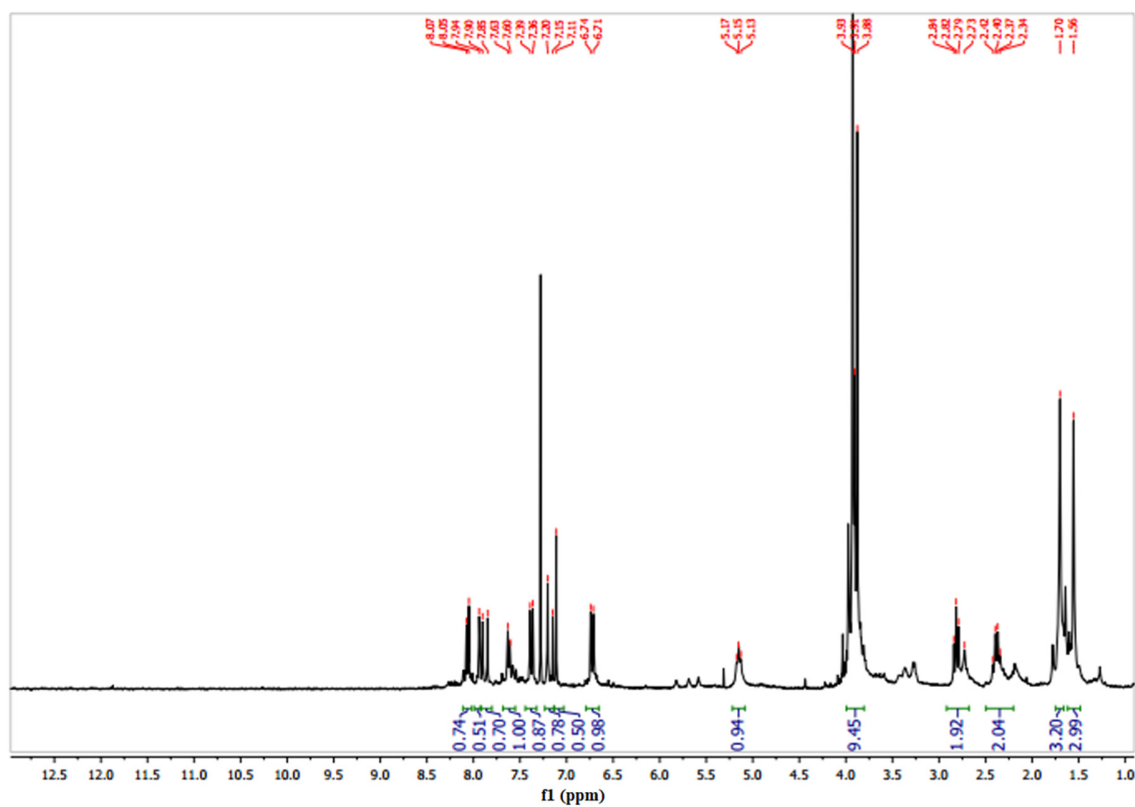


Figure S36. ¹H NMR spectrum of compound 6e.

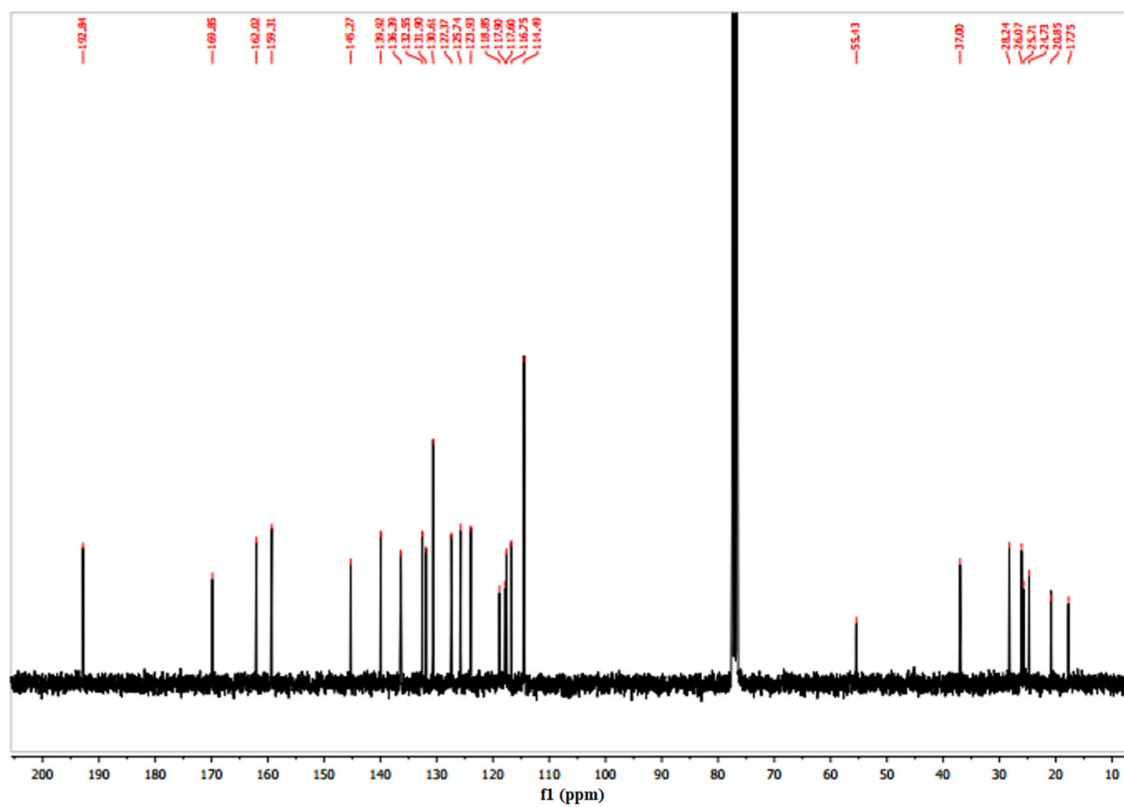


Figure S37. ¹³C NMR spectrum of compound 5'b.

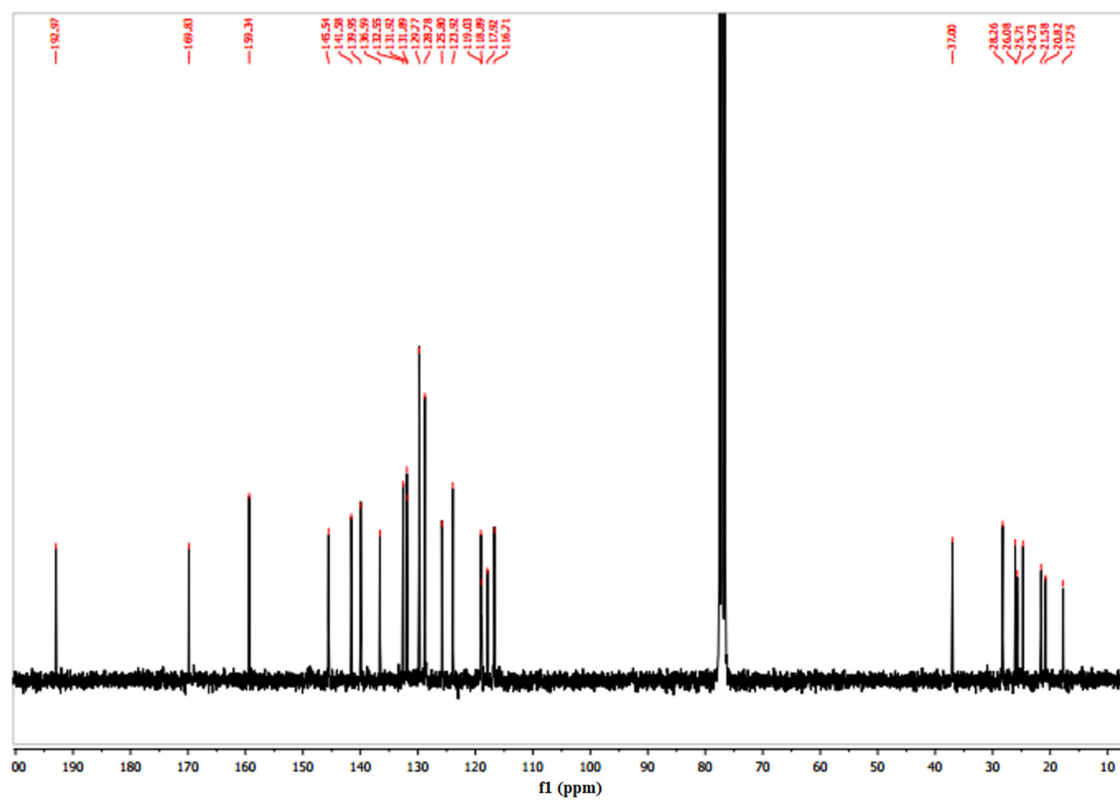


Figure S38. ¹³C NMR spectrum of compound 5'c.

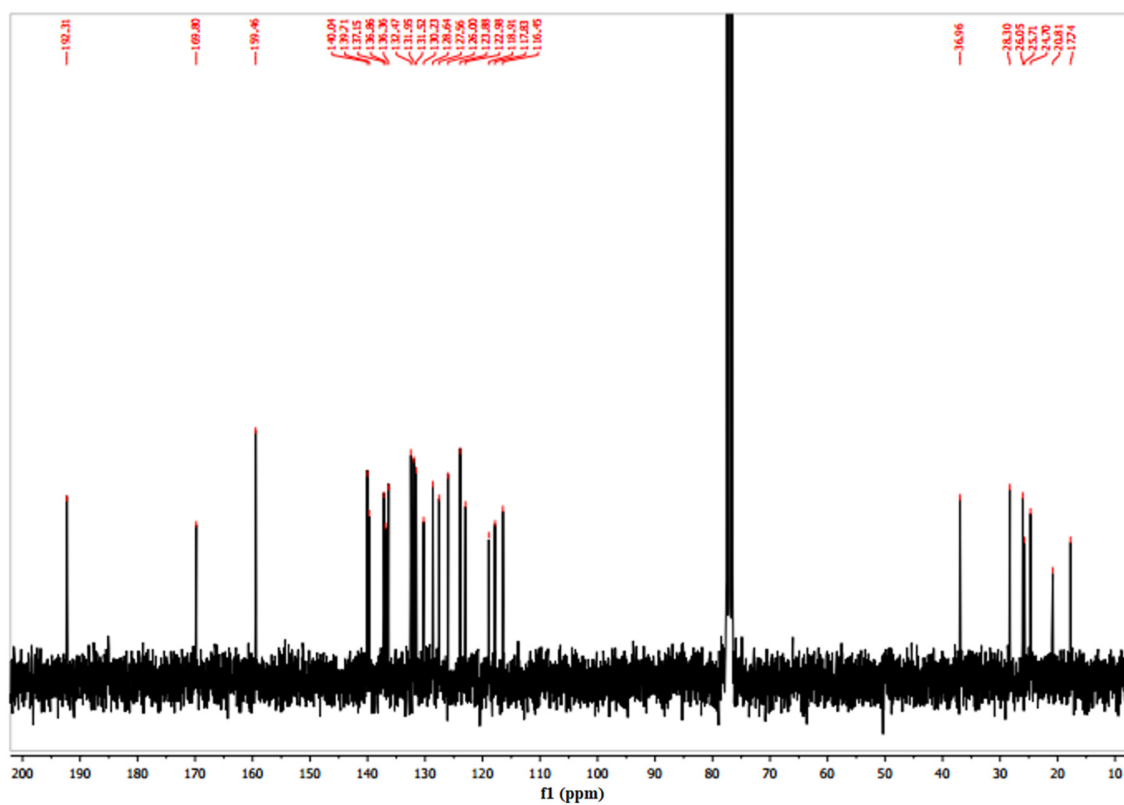


Figure S39. ¹³C NMR spectrum of compound 5' d.

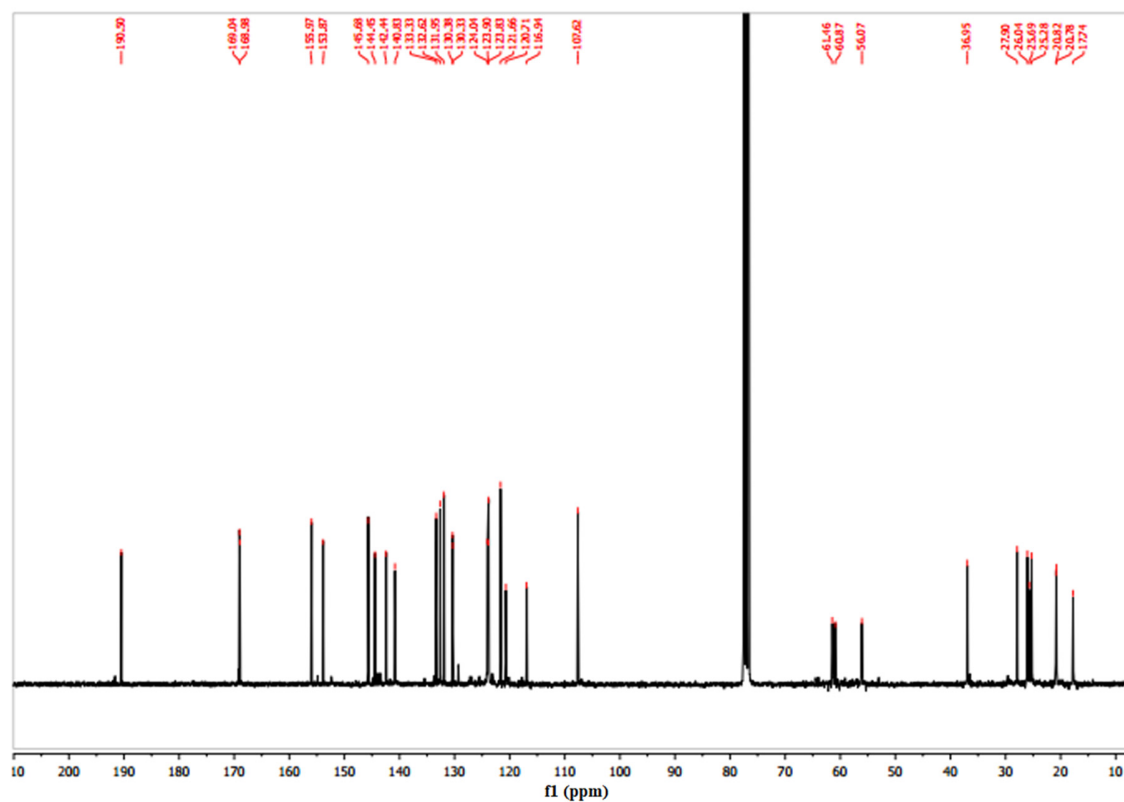


Figure S40. ^{13}C NMR spectrum of compound 5e.

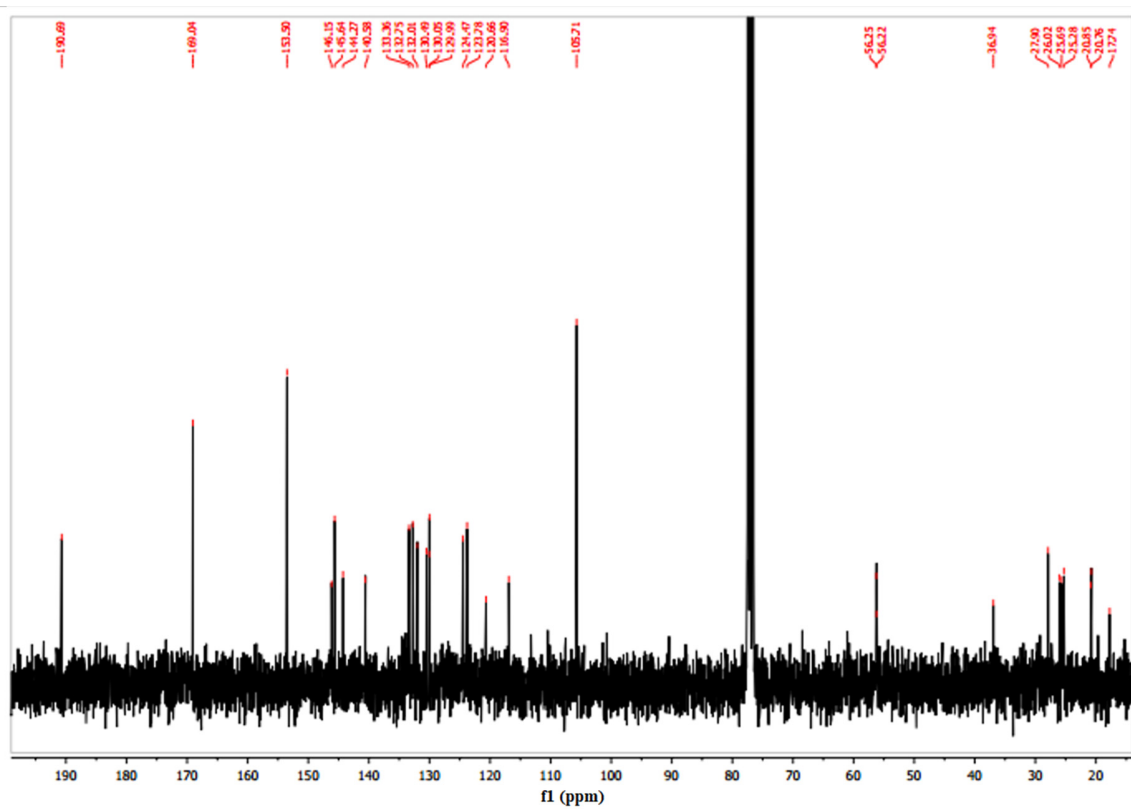


Figure S41. ¹³C NMR spectrum of compound 5f.

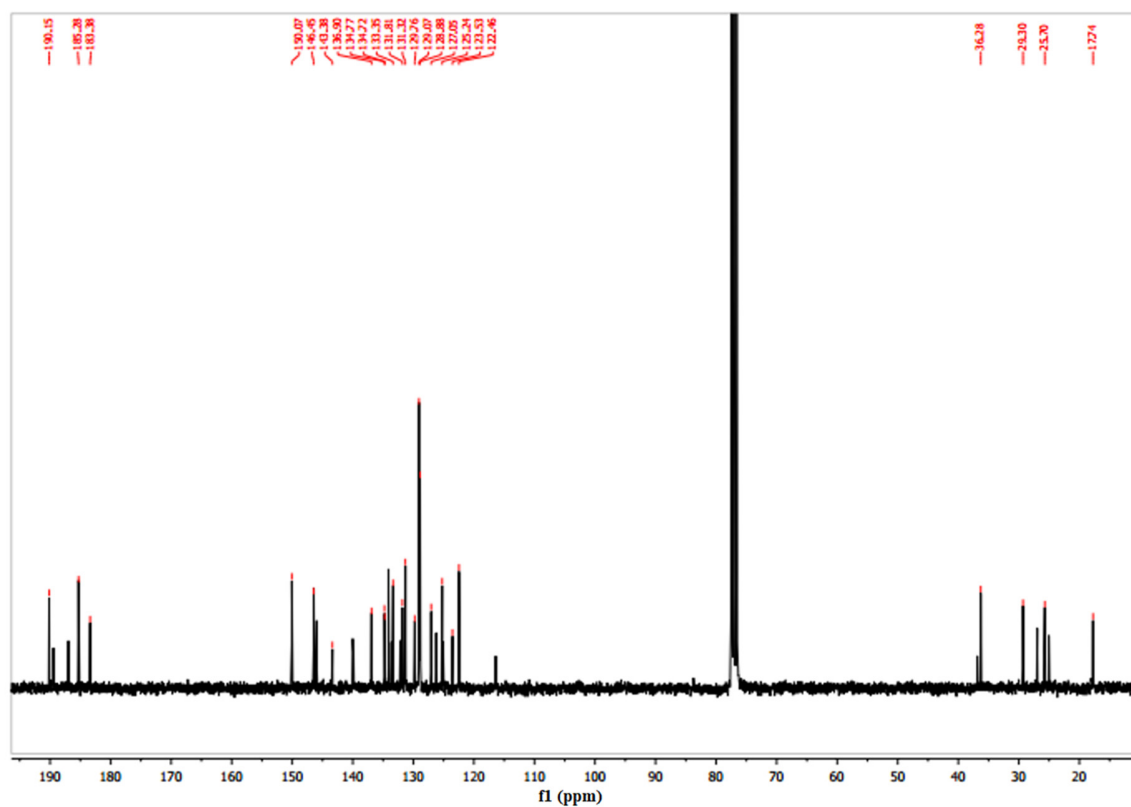


Figure S42. ¹³C NMR spectrum of compound 6a.

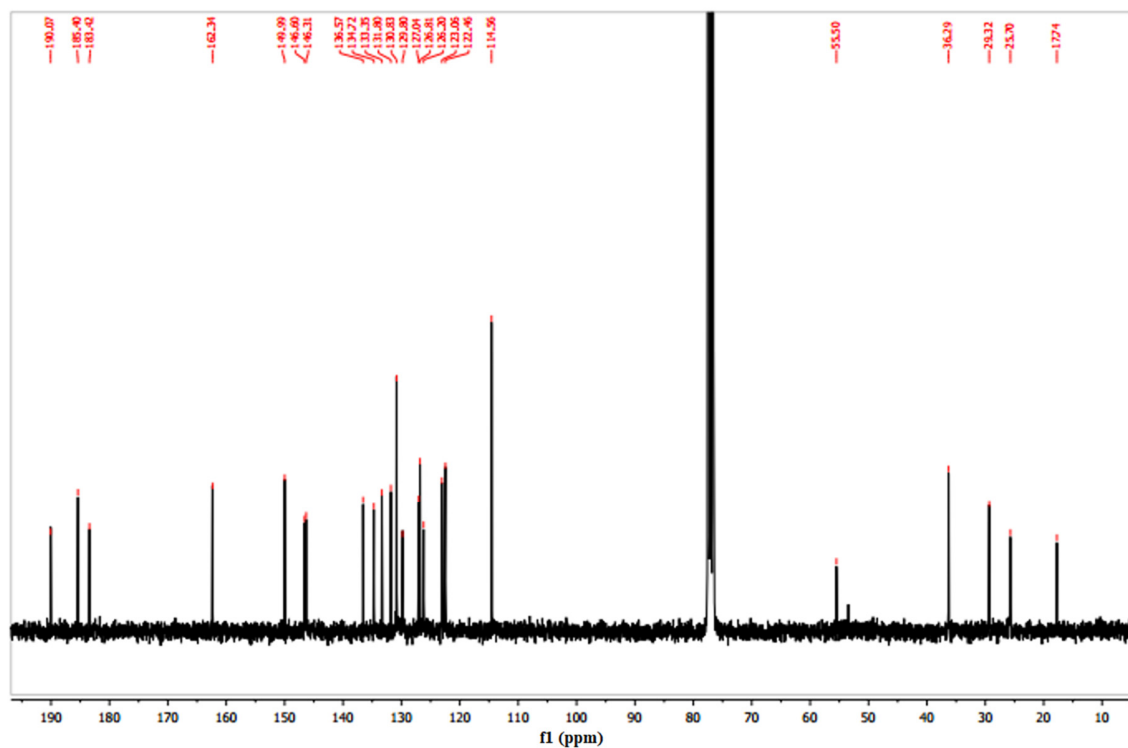


Figure S43. ^{13}C NMR spectrum of compound **6b**.

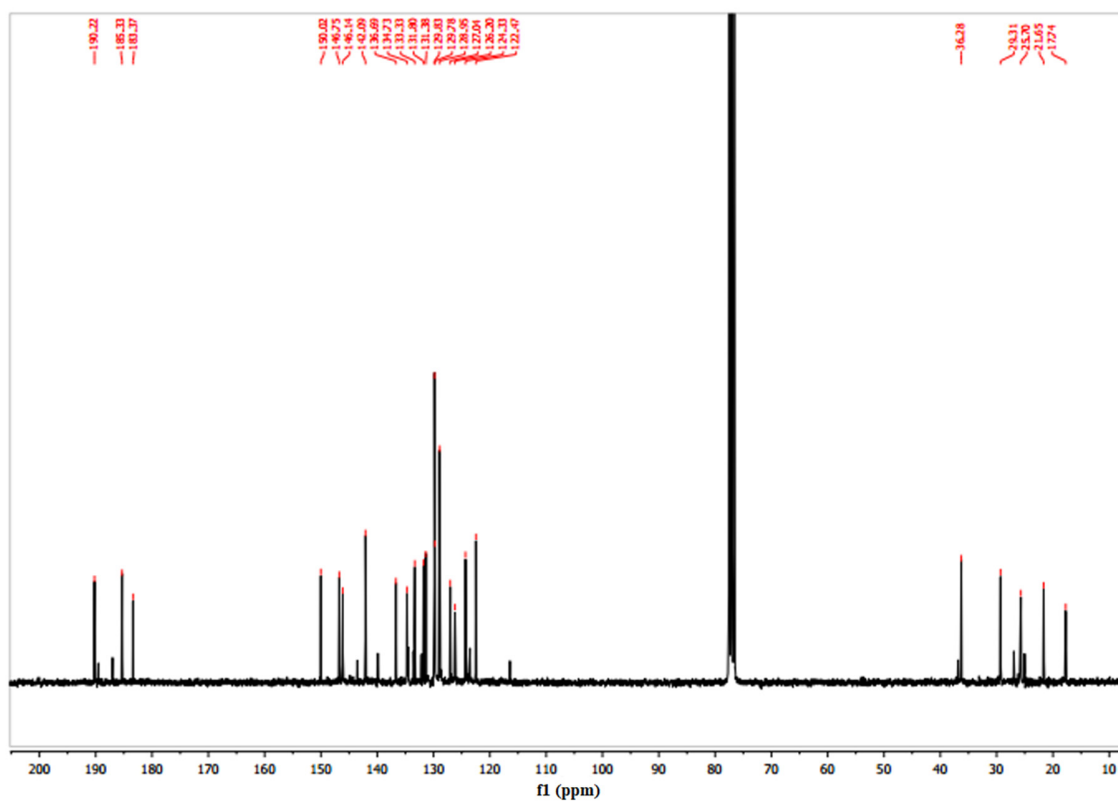


Figure S44. ¹³C NMR spectrum of compound 6c.

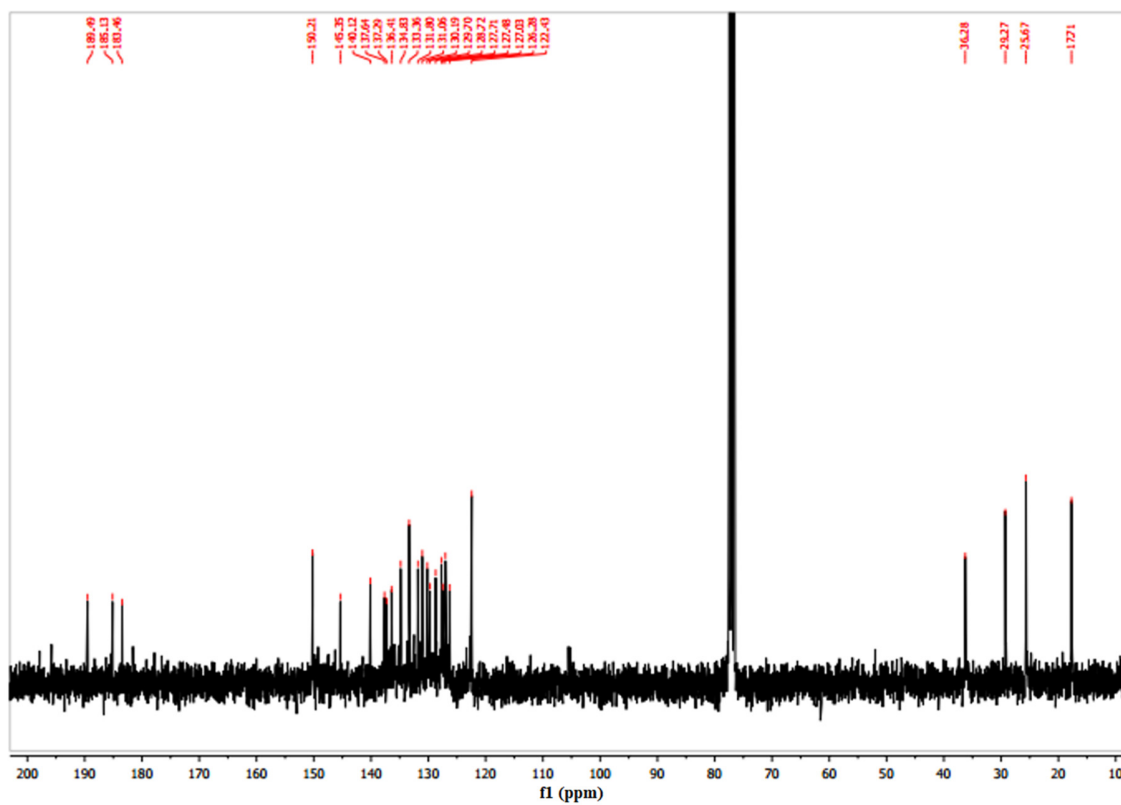


Figure S45. ¹³C NMR spectrum of compound 6d.

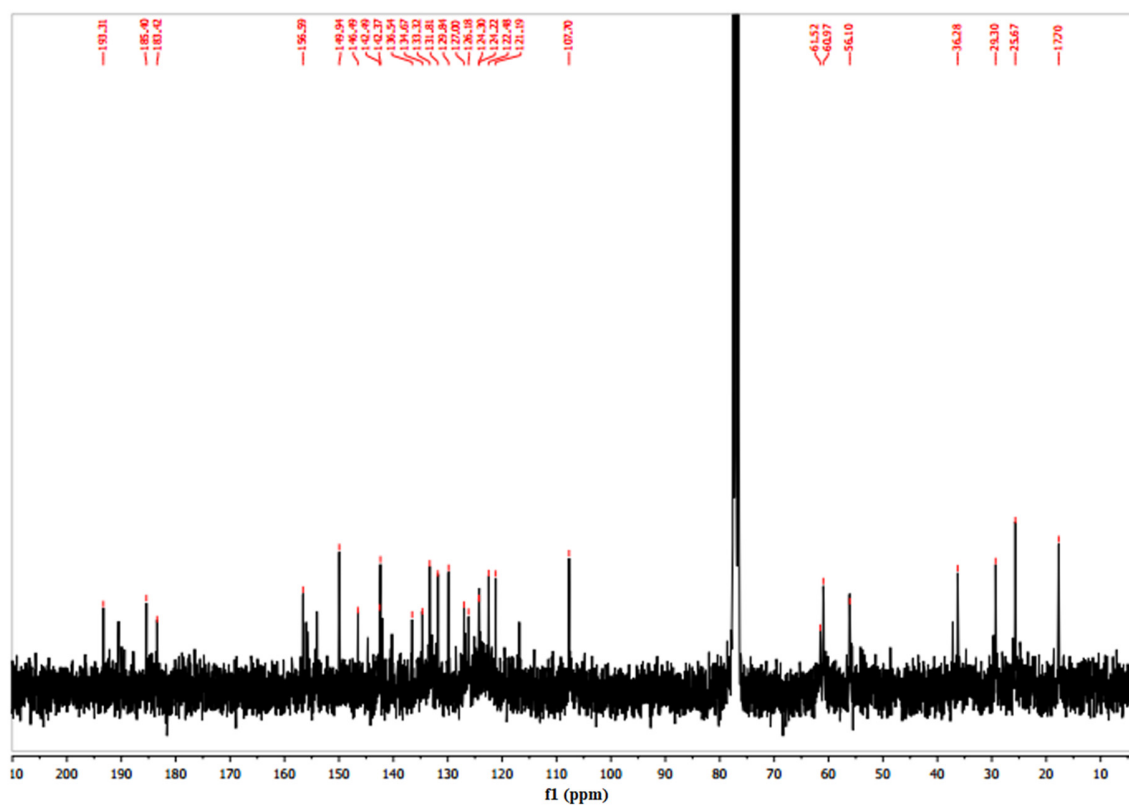


Figure S46. ¹³C NMR spectrum of compound 6e.

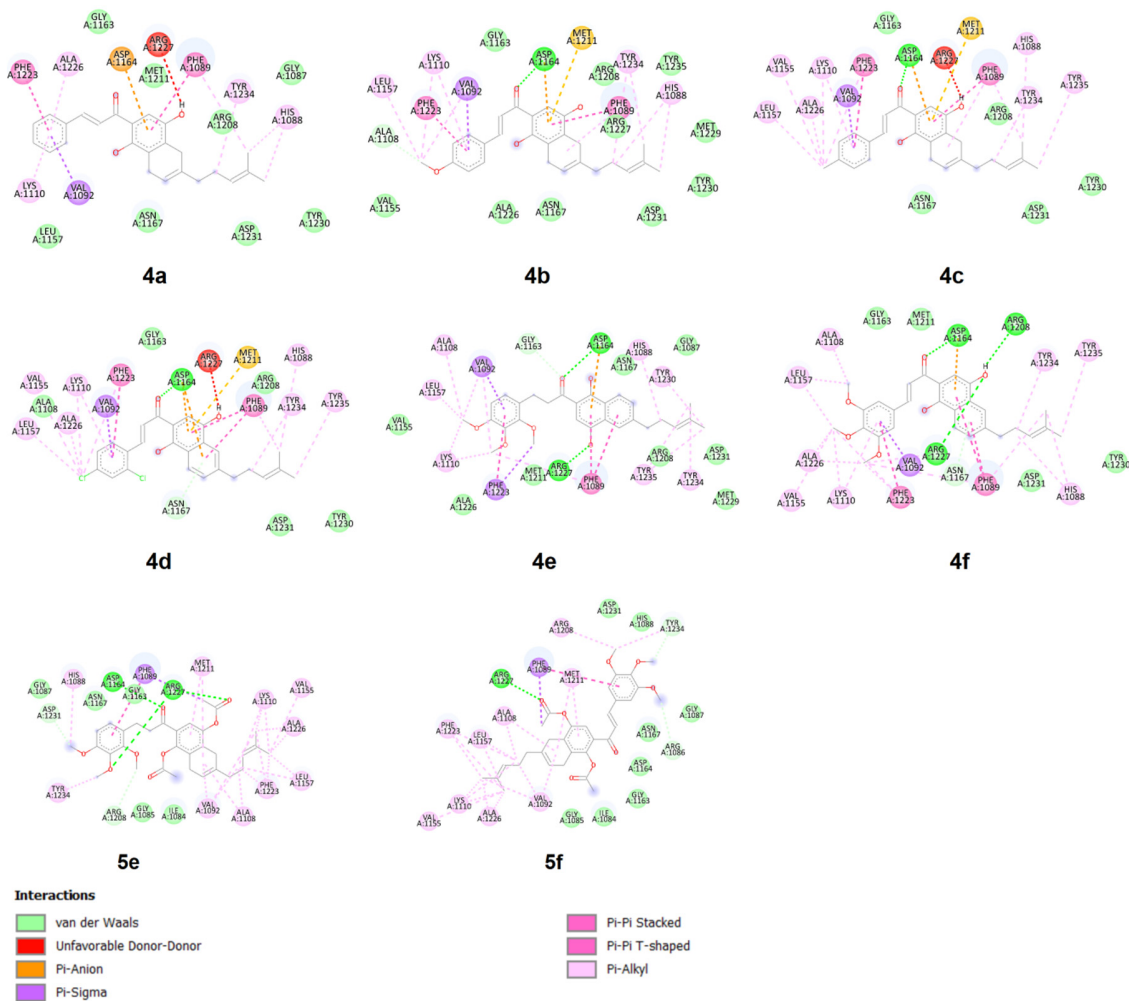


Figure S47. Plotted 2D maps of H-bonds and hydrophobic interactions of CNQ **5e** and **5f** with c-MET residues.

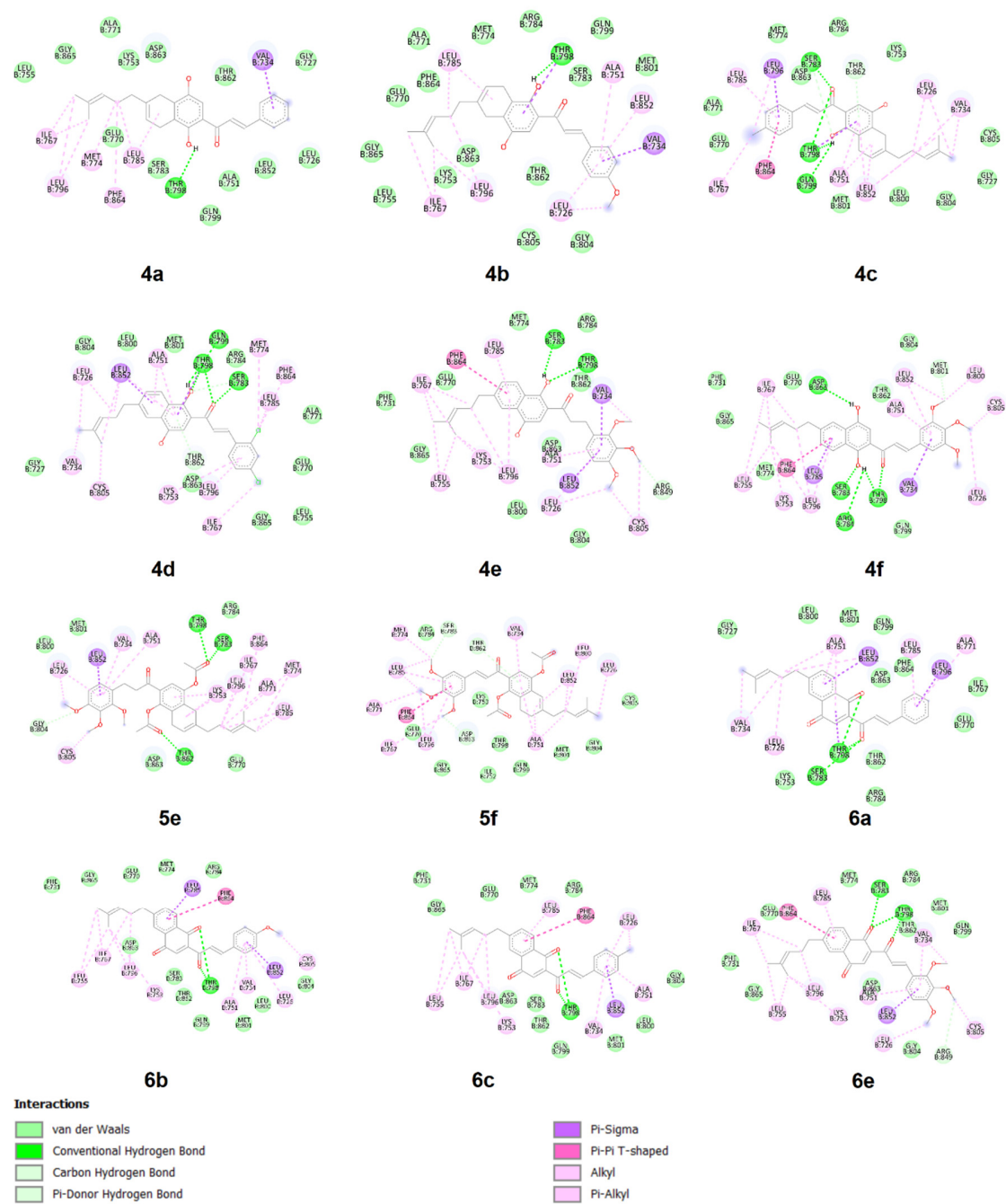


Figure S49. Plotted 2D maps of H-bonds and hydrophobic interactions of CNQ **5e**, **5f**, and **6a–c,e** with HER2 residues.

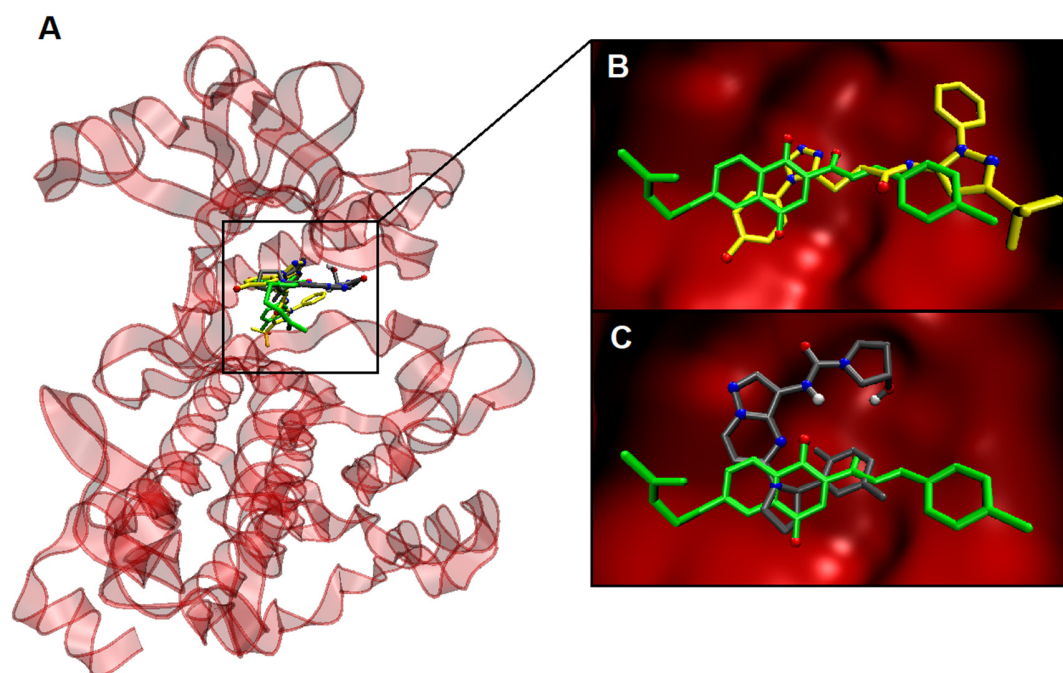


Figure S50. A: Overlapping of the docking poses for CNQ hybrid **6c** (green), ligand 2 (yellow), and larotrectinib (grey) into TRKA. Superimposition of the docking poses for B: **6c** and ligand 1, and C: **6c** and larotrectinib.

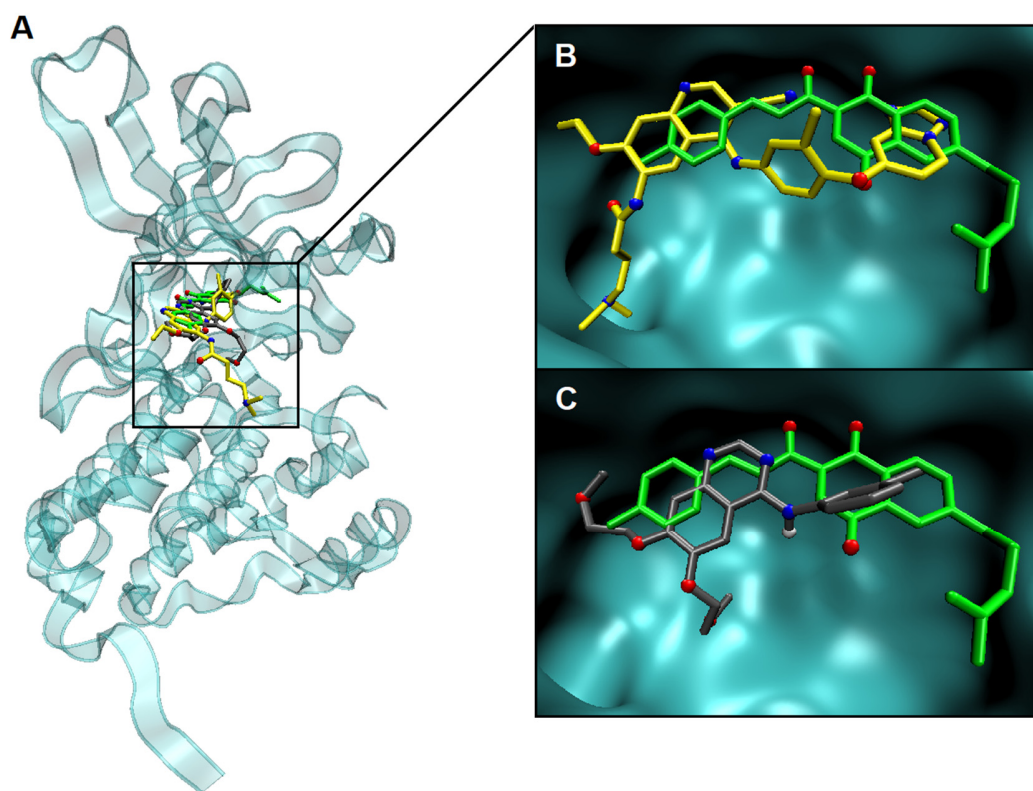


Figure S51. A: Overlapping of the docking poses for CNQ hybrid **6c** (green), ligand 2 (yellow), and erlotinib (grey) into HER2. Superimposition of the docking poses for B: **6c** and ligand 1, and C: **6c** and erlotinib.