

Supporting Information

An Efficient Synthesis of Naphtho[2,3-*b*]furan-4,9-diones via Visible-Light-Mediated [3+2] Cycloaddition Reaction

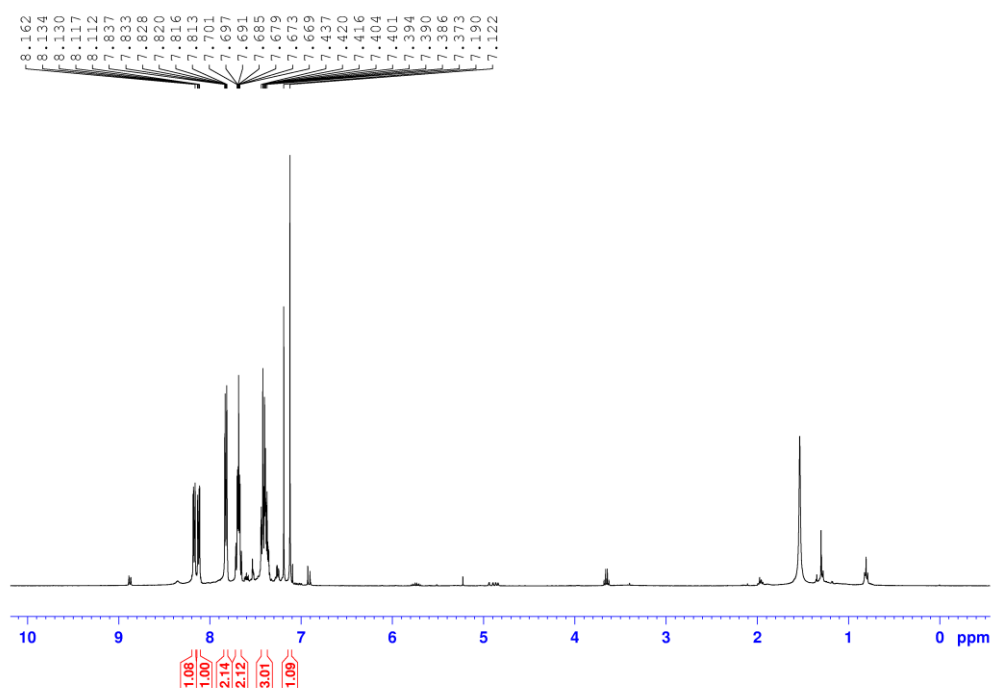
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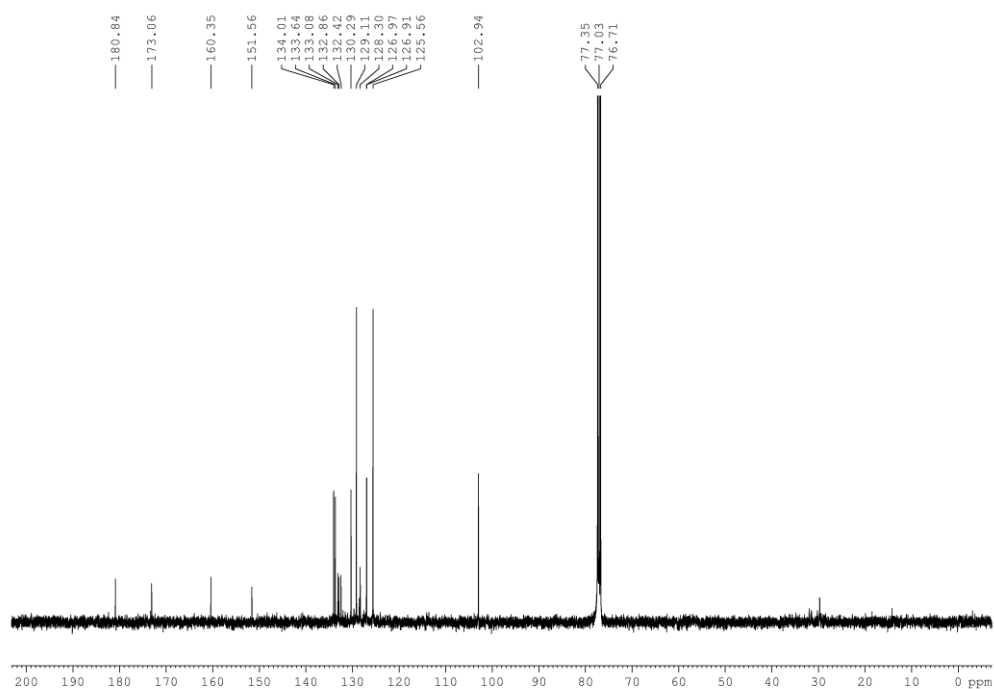
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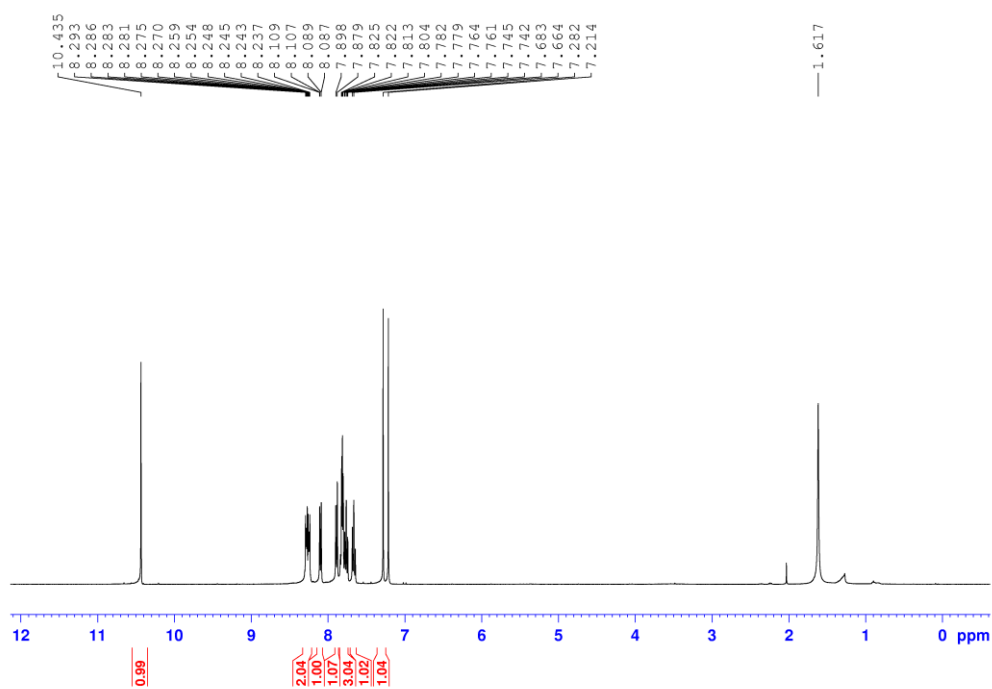
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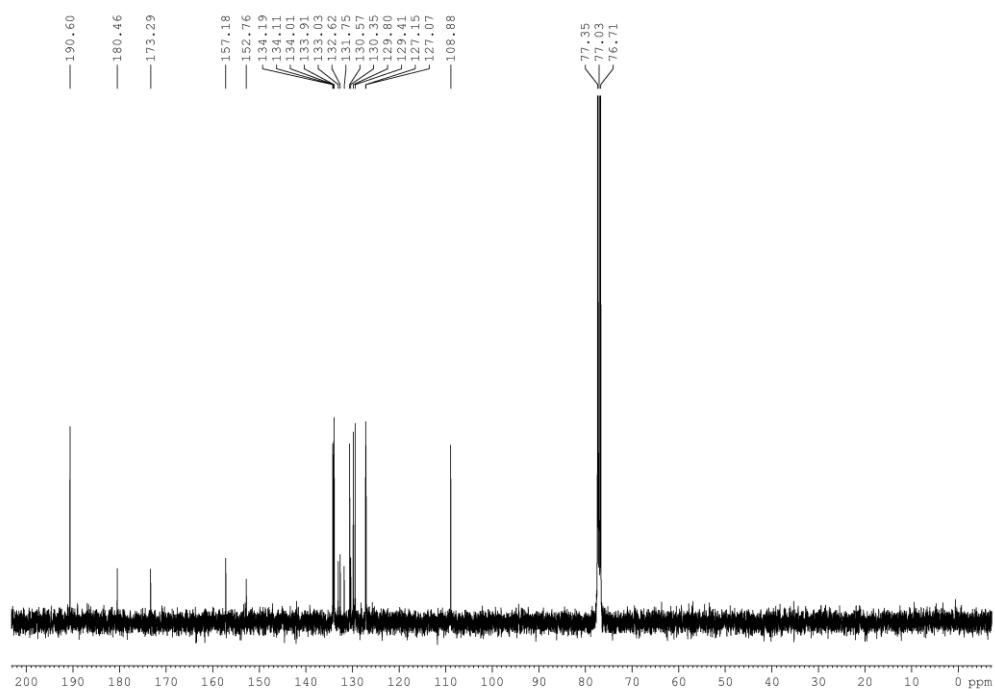
SI-Figure S1. ¹H NMR spectrum of compound **3a**.



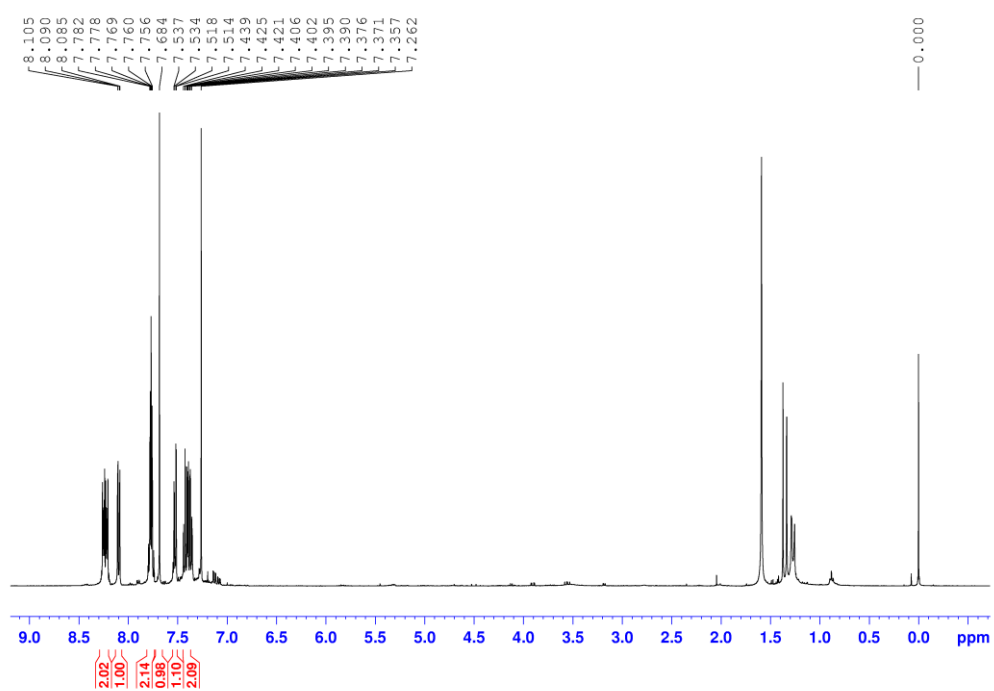
SI-Figure S2. ¹³C NMR spectrum of compound **3a**.



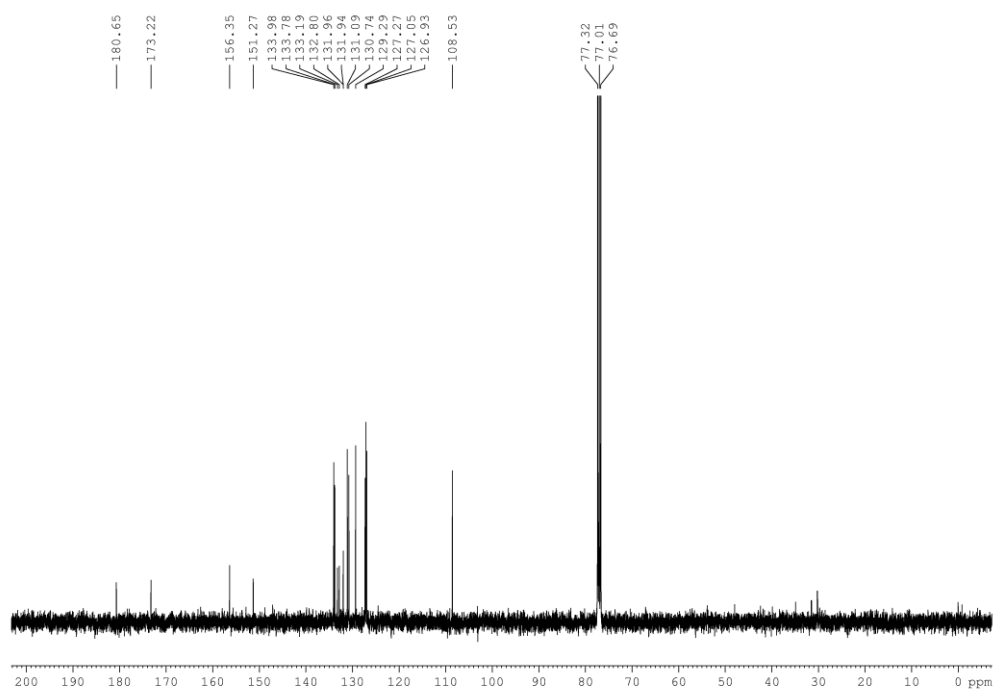
SI-Figure S3. ¹H NMR spectrum of compound **3b**.



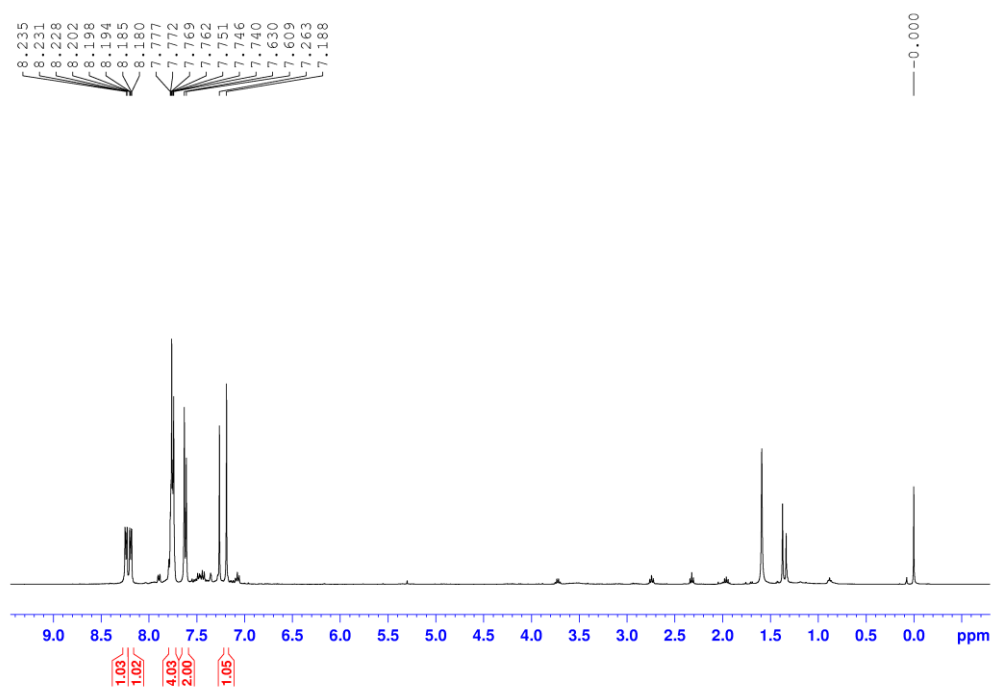
SI-Figure S4. ¹³C NMR spectrum of compound **3b**.



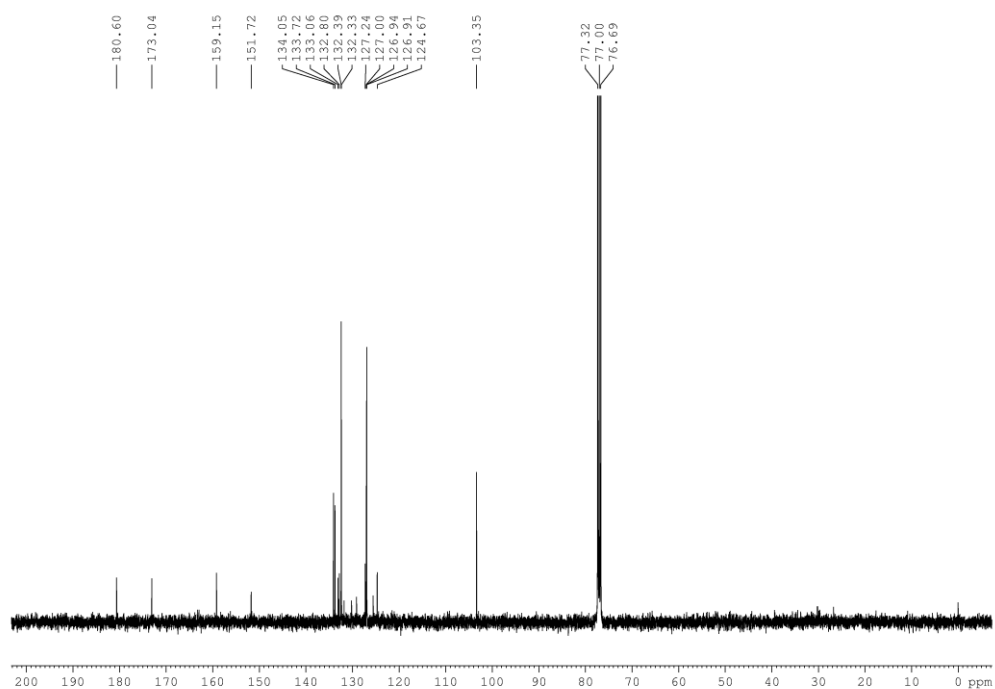
SI-Figure S5. ¹H NMR spectrum of compound **3c**.



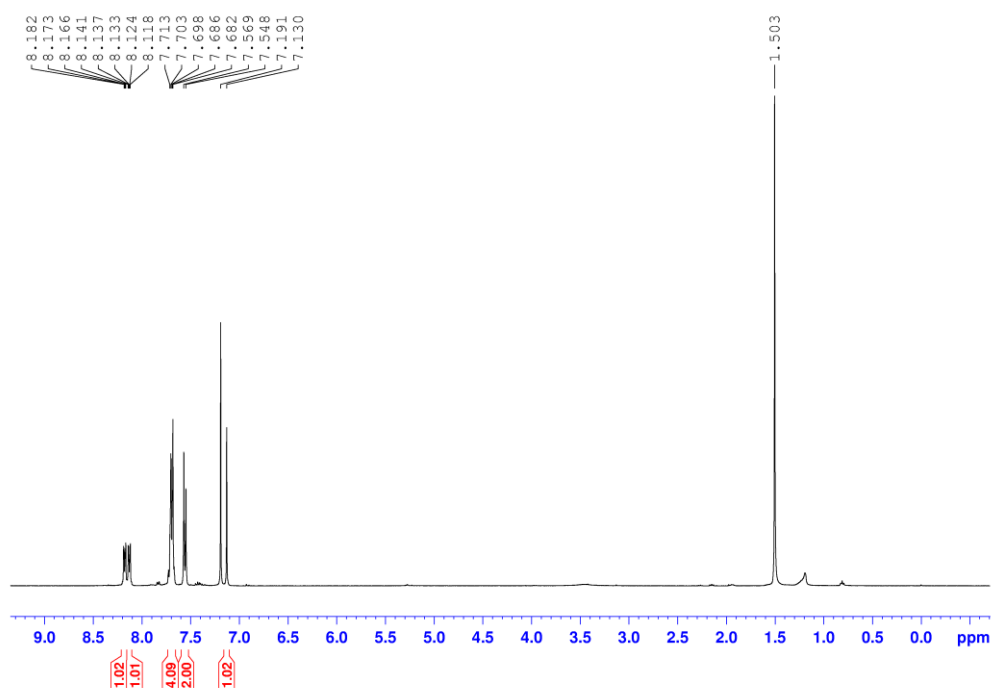
SI-Figure S6. ¹³C NMR spectrum of compound **3c**.



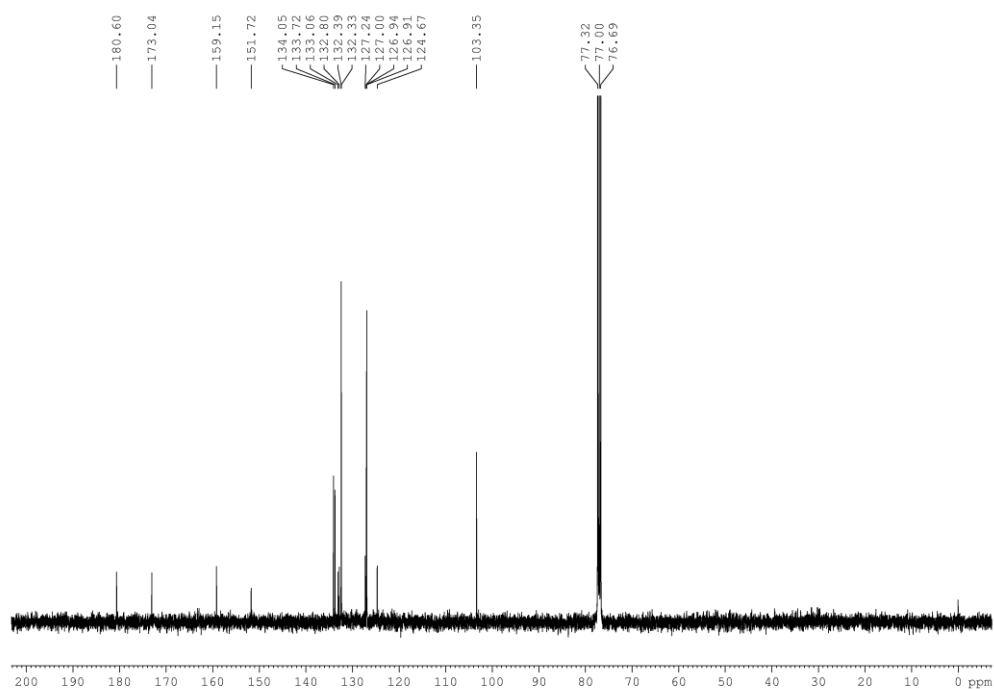
SI-Figure S7. ¹H NMR spectrum of compound **3d**.



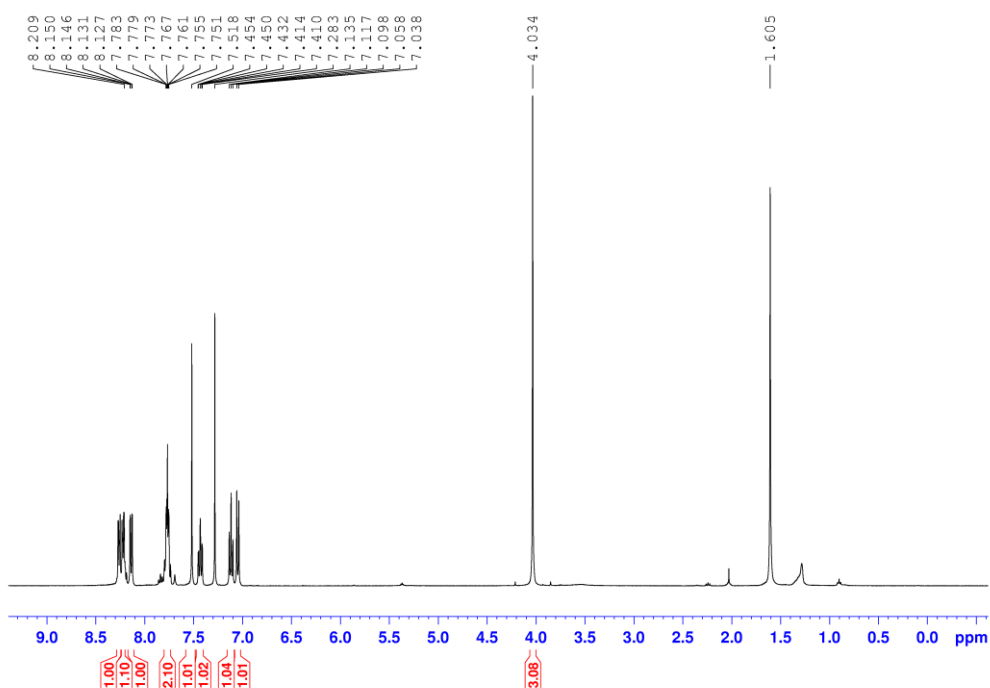
SI-Figure S8. ¹³C NMR spectrum of compound **3d**.



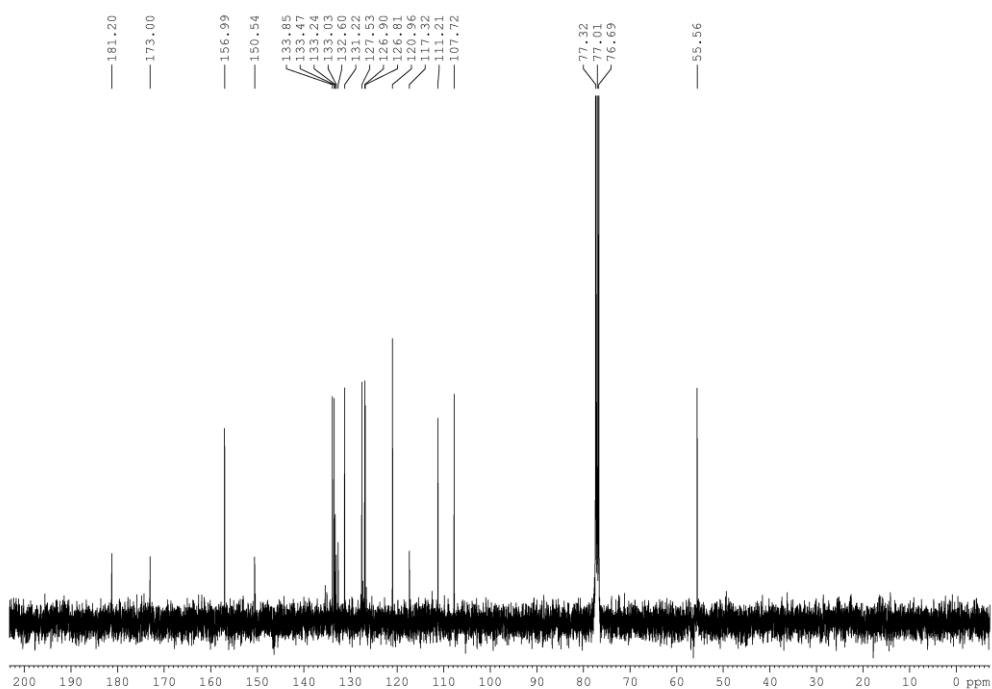
SI-Figure S9. ¹H NMR spectrum of compound **3e**.



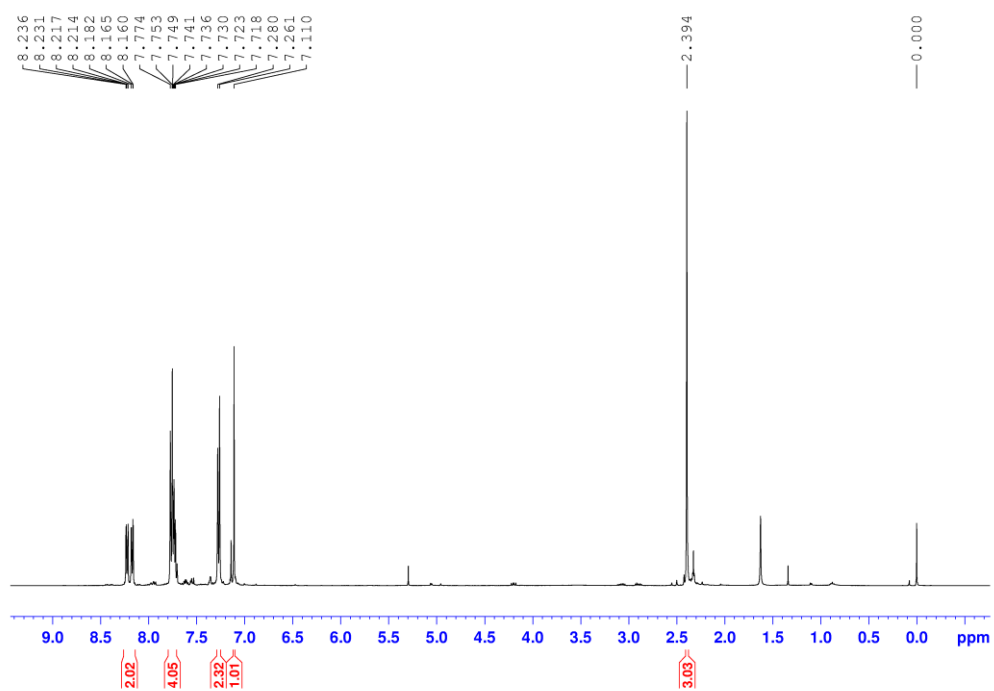
SI-Figure S10. ¹³C NMR spectrum of compound **3e**.



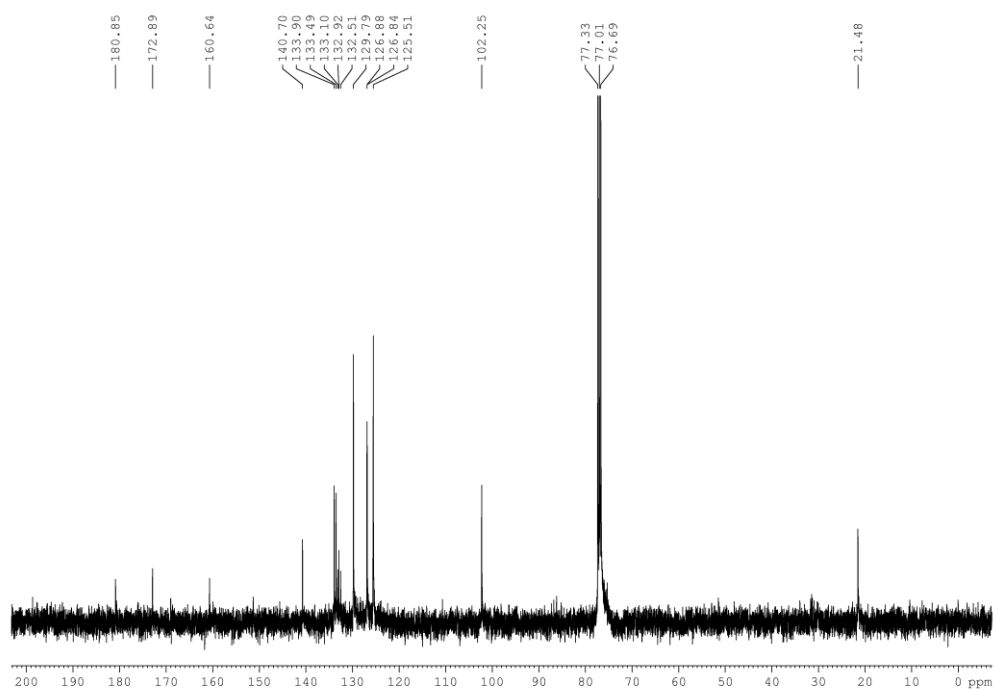
SI-Figure S11. ¹H NMR spectrum of compound **3f**.



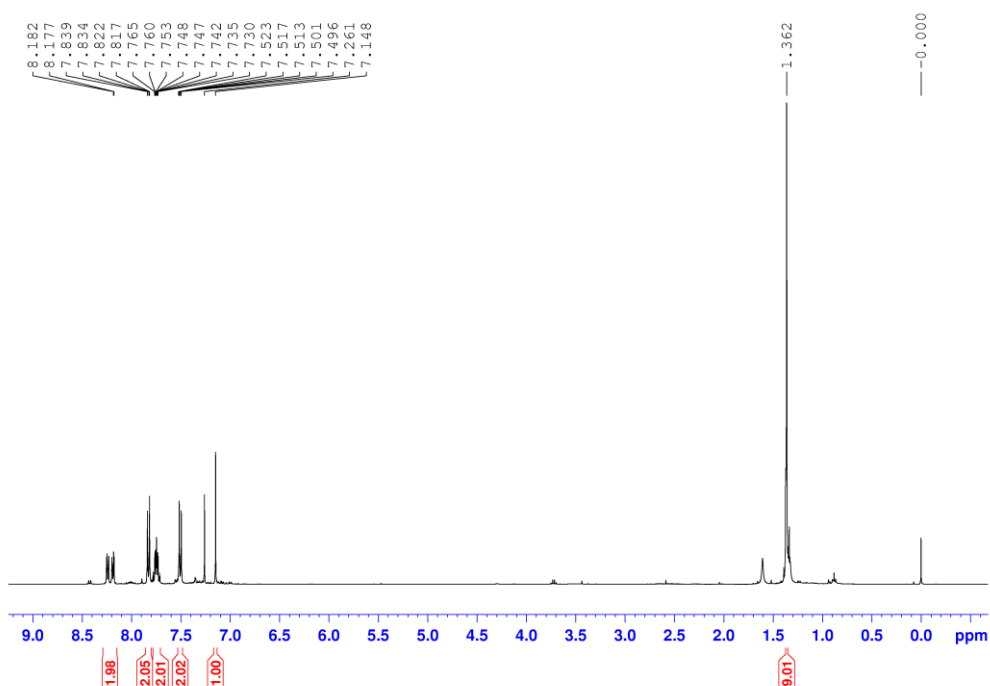
SI-Figure S12. ¹³C NMR spectrum of compound **3f**.



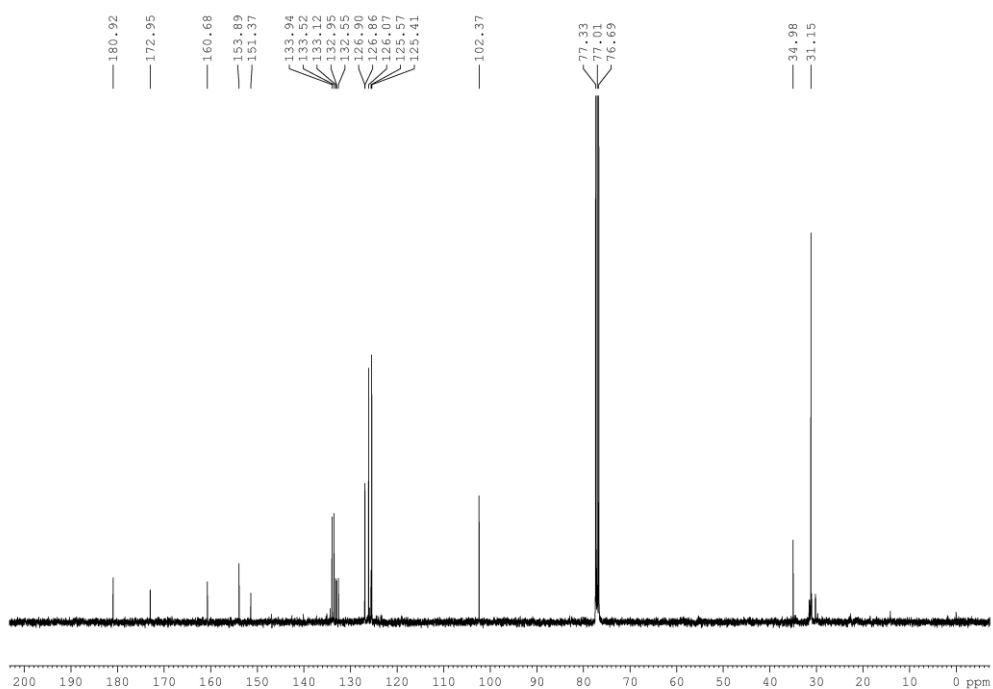
SI-Figure S13. ¹H NMR spectrum of compound **3g**.



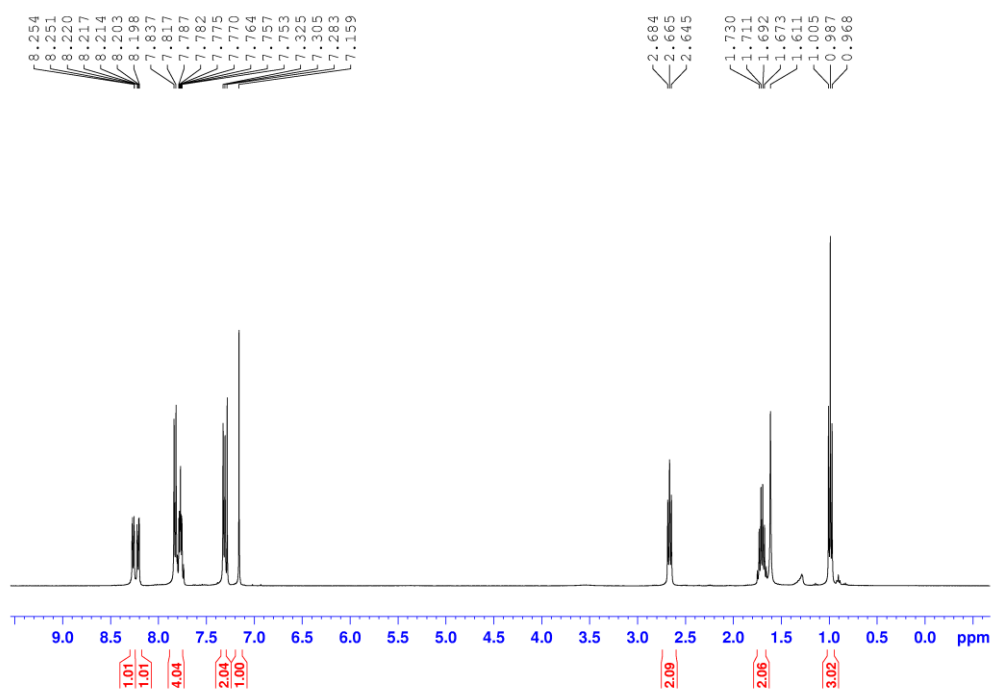
SI-Figure S14. ¹³C NMR spectrum of compound **3g**.



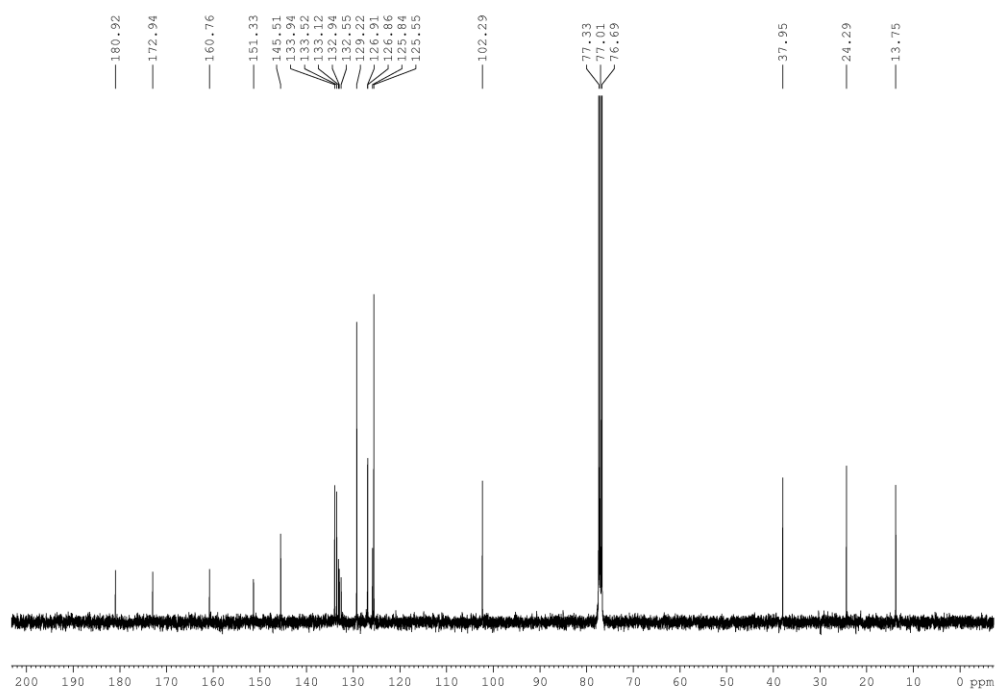
SI-Figure S15. ^1H NMR spectrum of compound **3h**.



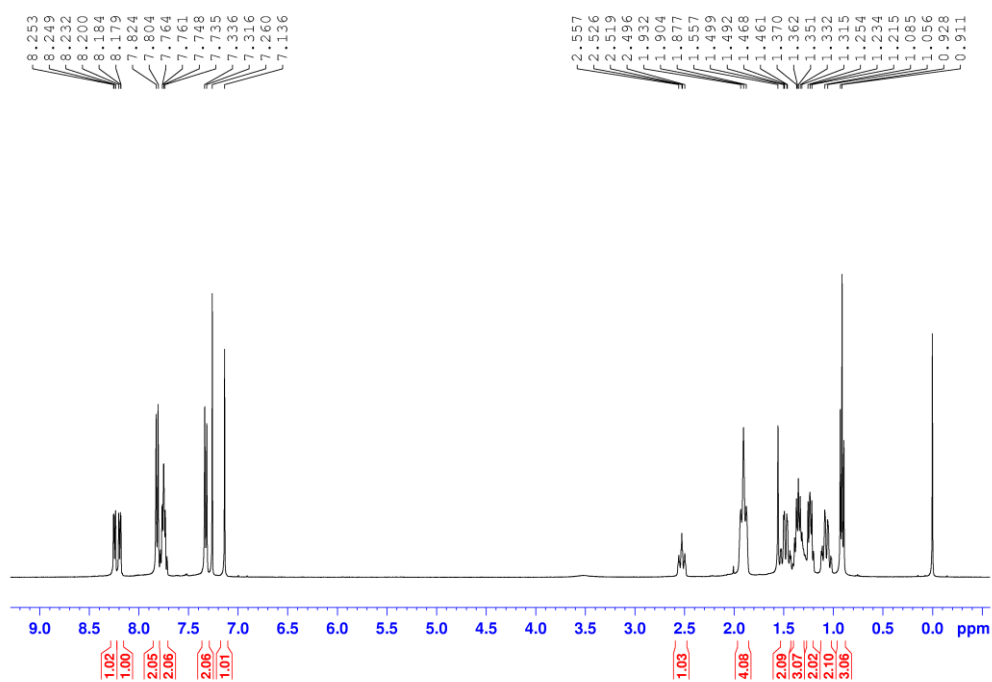
SI-Figure S16. ^{13}C NMR spectrum of compound **3h**.



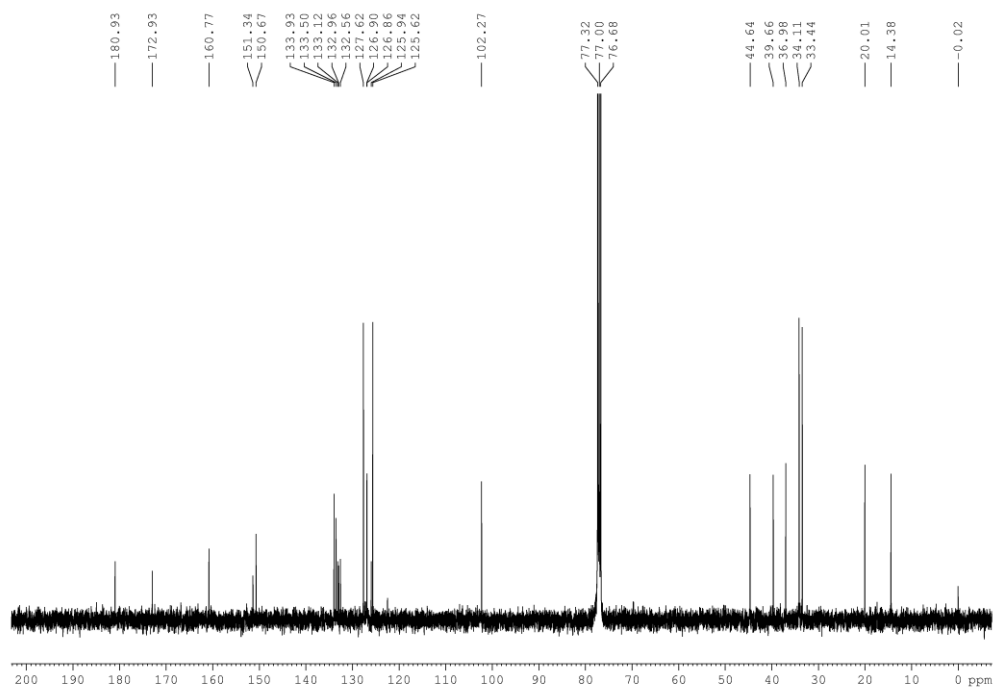
SI-Figure S17. ¹H NMR spectrum of compound **3i**.



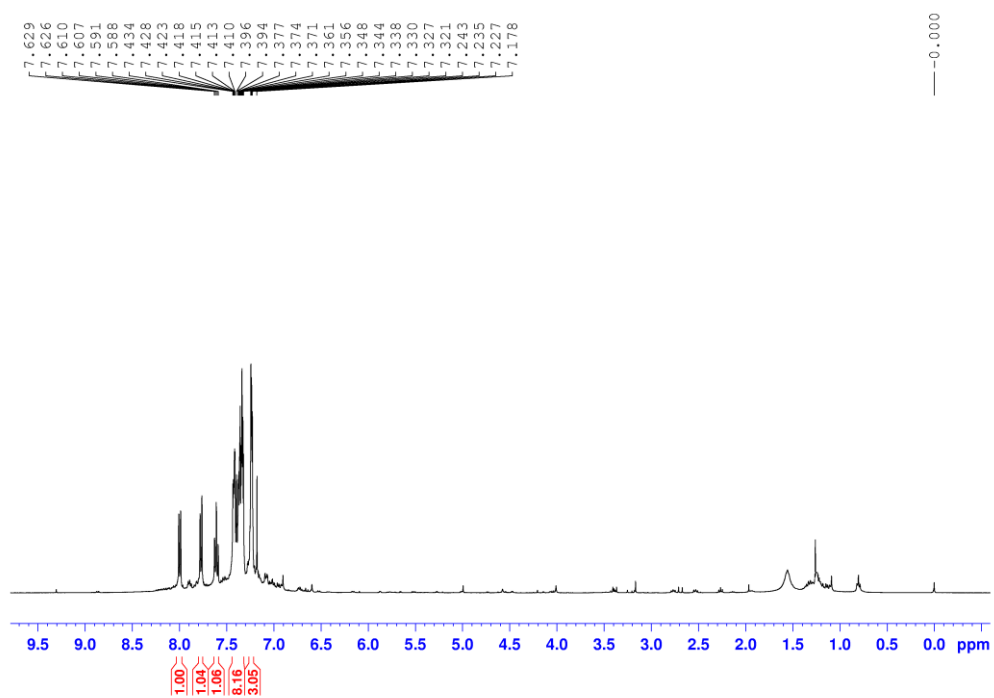
SI-Figure S18. ¹³C NMR spectrum of compound **3i**.



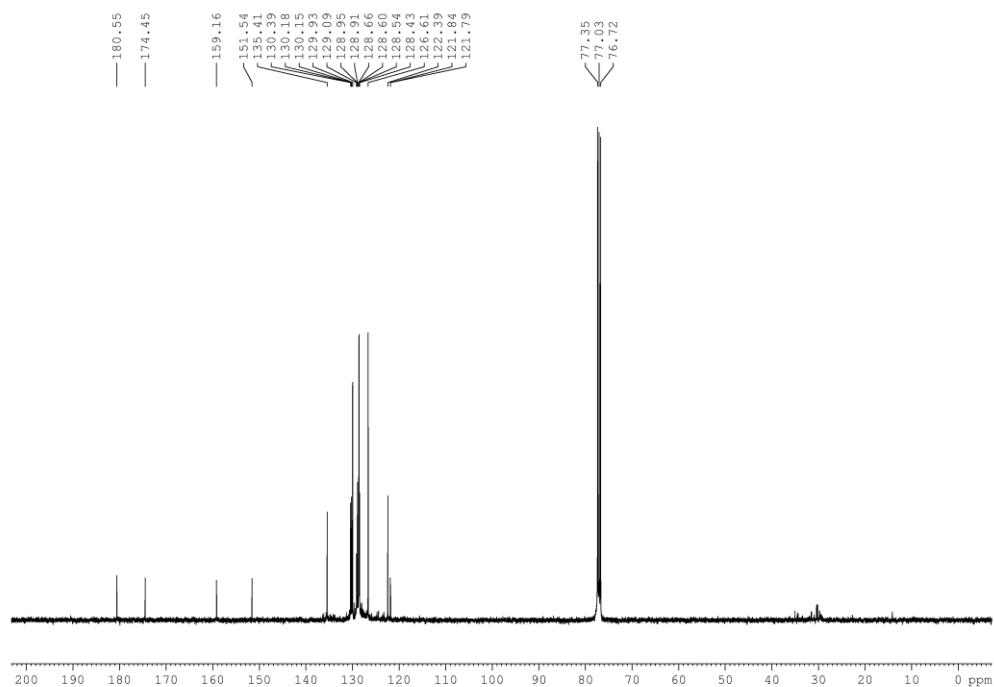
SI-Figure S19. ¹H NMR spectrum of compound **3j**.



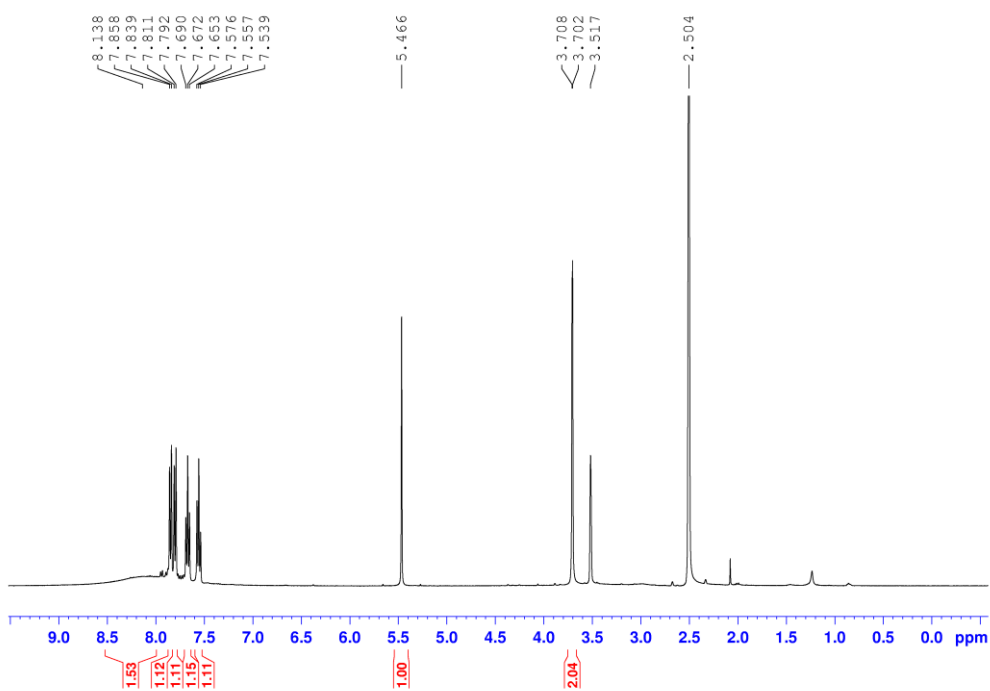
SI-Figure S20. ¹³C NMR spectrum of compound **3j**.



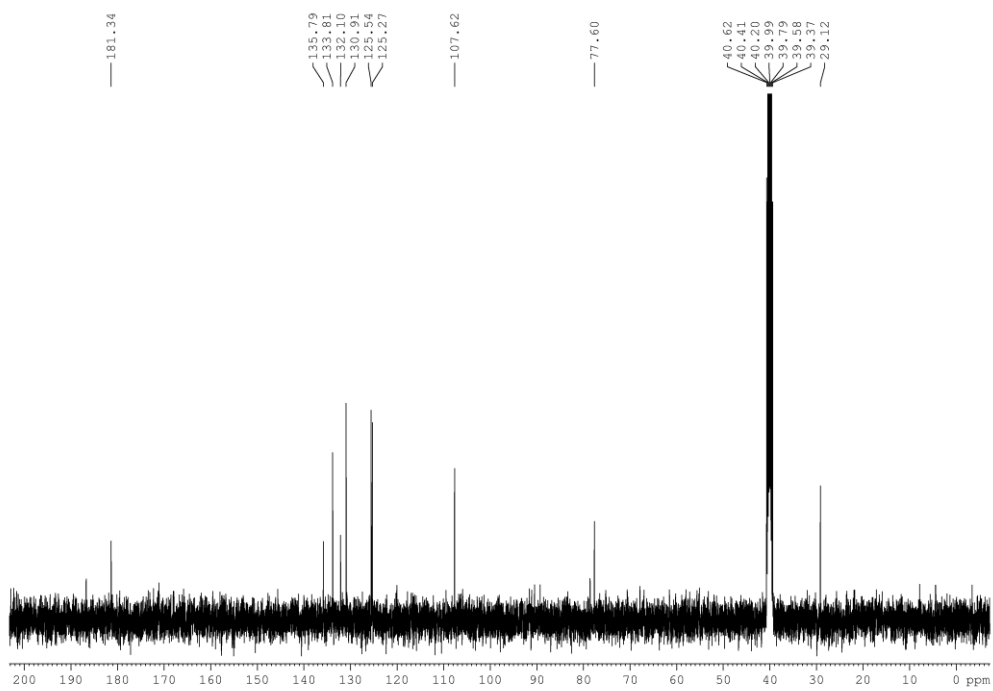
SI-Figure S21. ^1H NMR spectrum of compound **3k**.



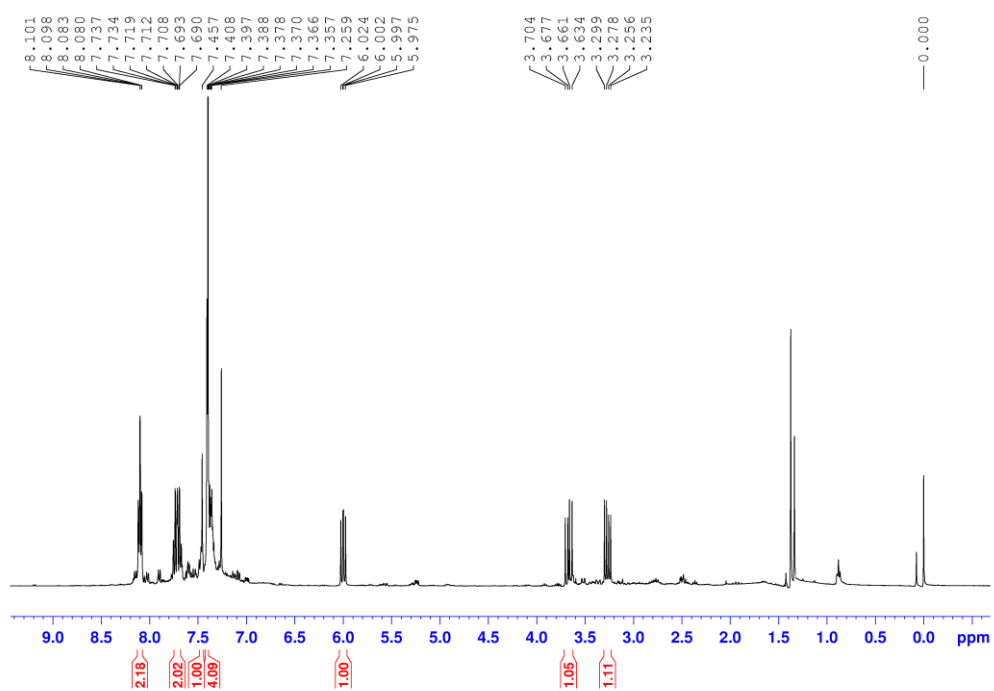
SI-Figure S22. ^{13}C NMR spectrum of compound **3k**.



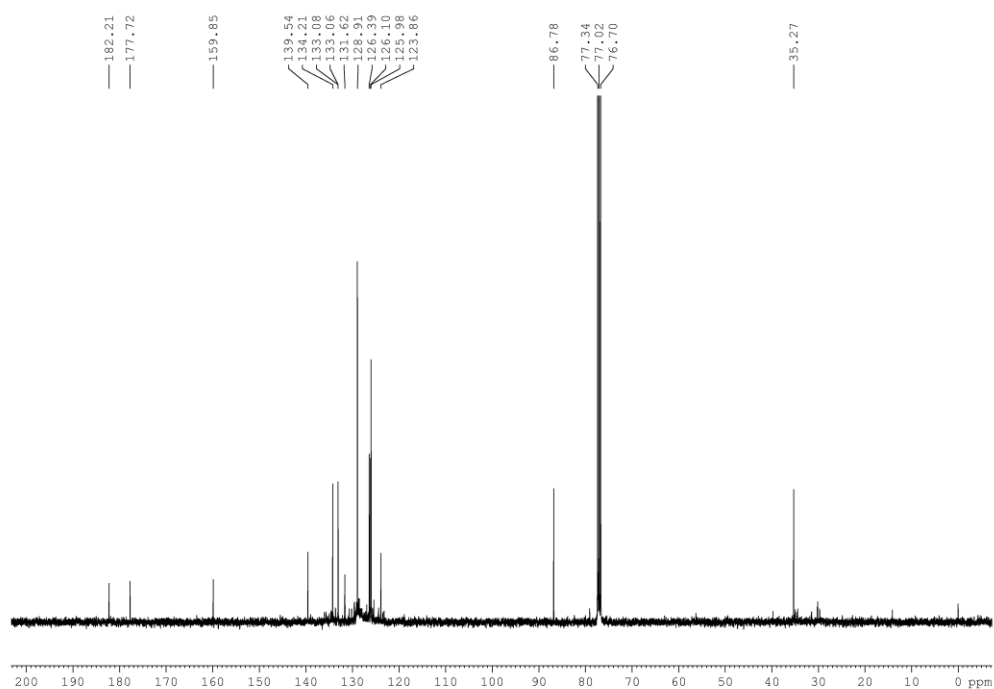
SI-Figure S23. ¹H NMR spectrum of compound **3l**.



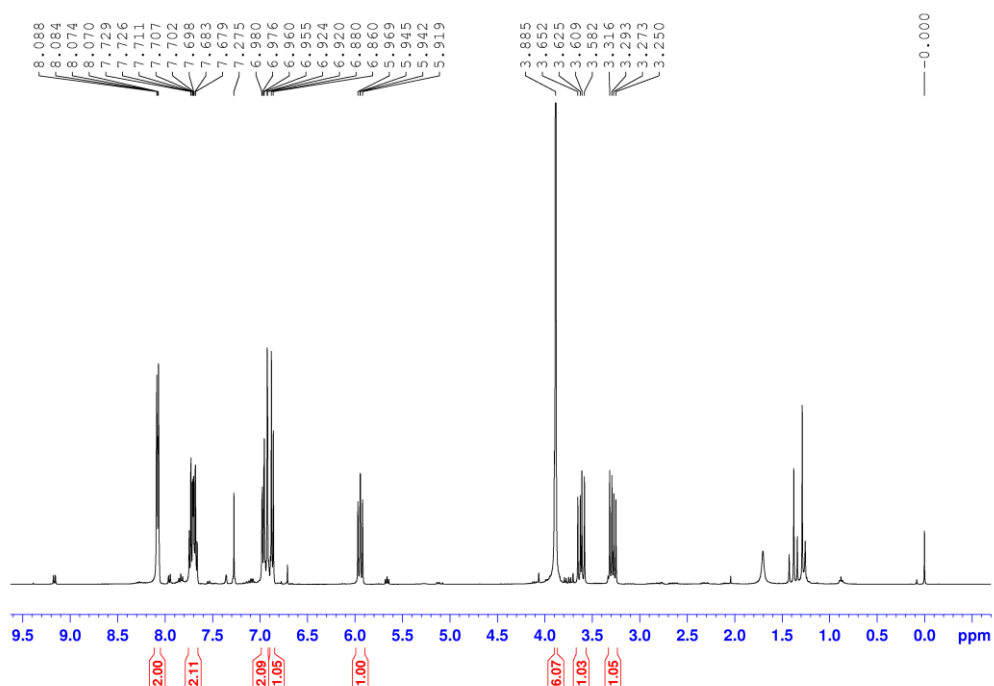
SI-Figure S24. ¹³C NMR spectrum of compound **3l**.



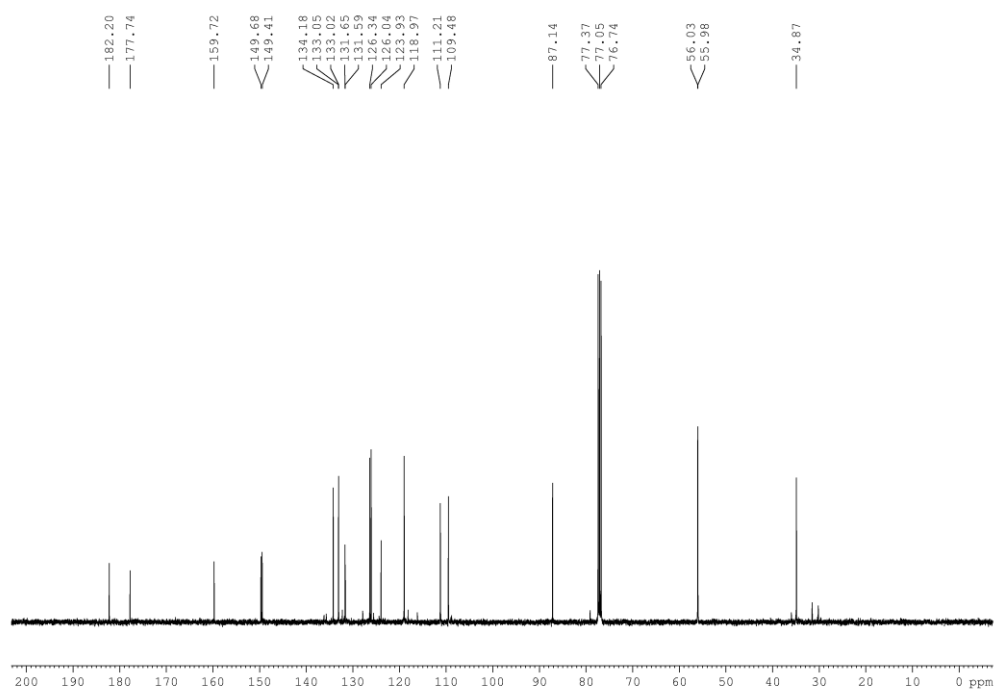
SI-Figure S25. ¹H NMR spectrum of compound **5a**.



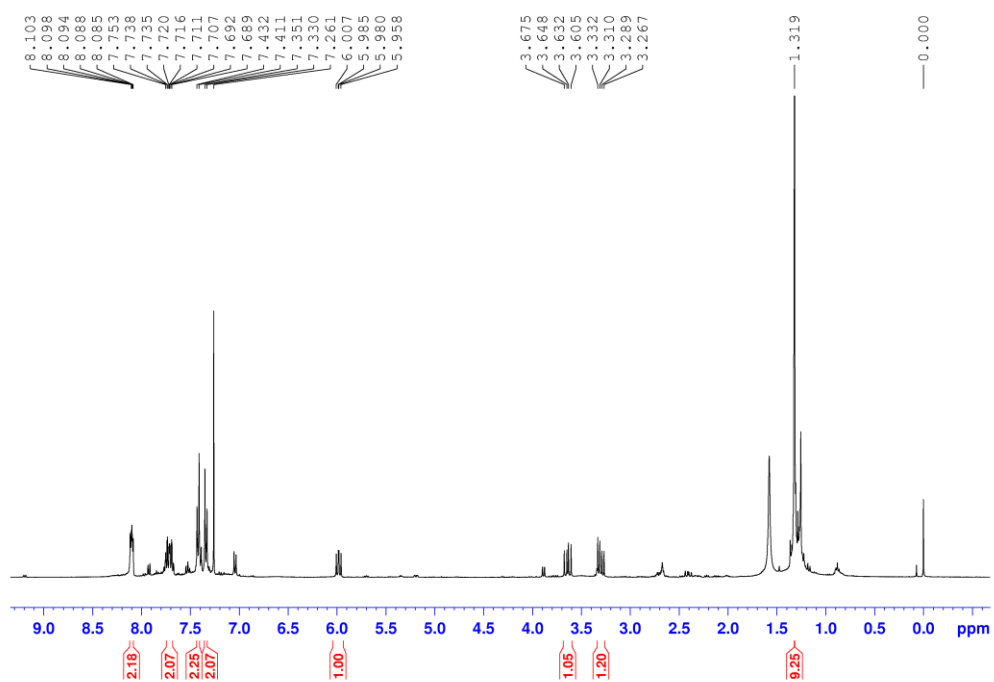
SI-Figure S26. ¹³C NMR spectrum of compound **5a**.



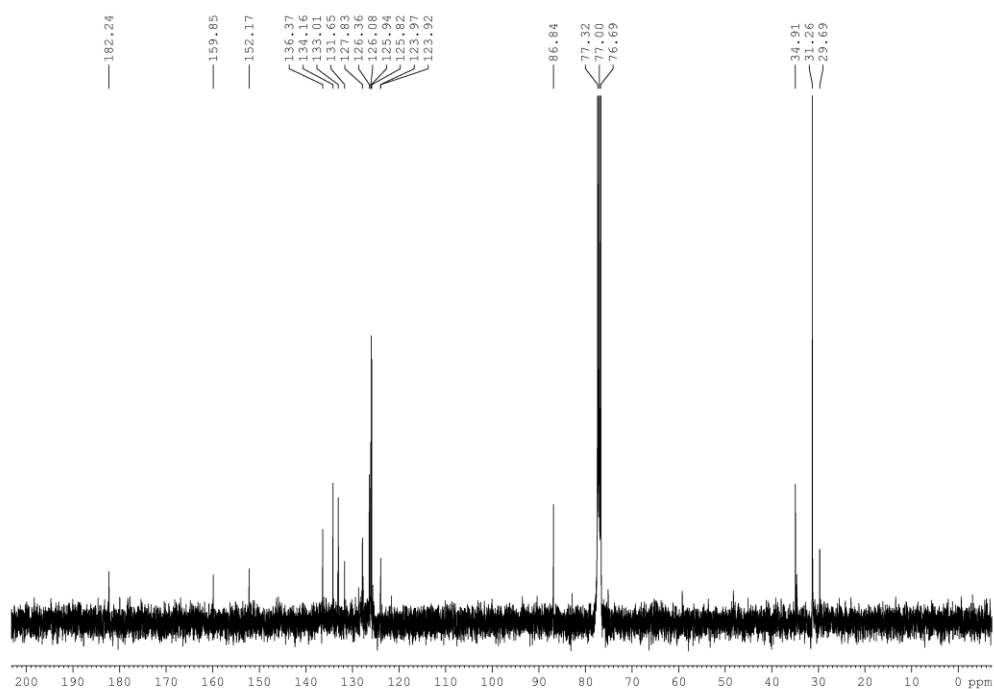
SI-Figure S27. ¹H NMR spectrum of compound **5b**.



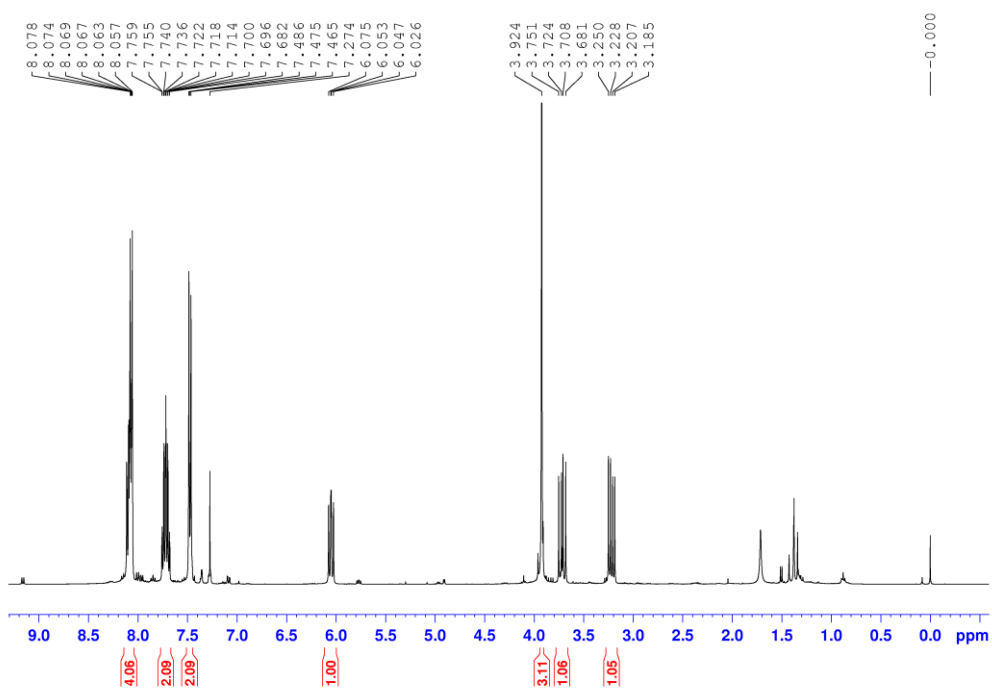
SI-Figure S28. ¹³C NMR spectrum of compound **5b**.



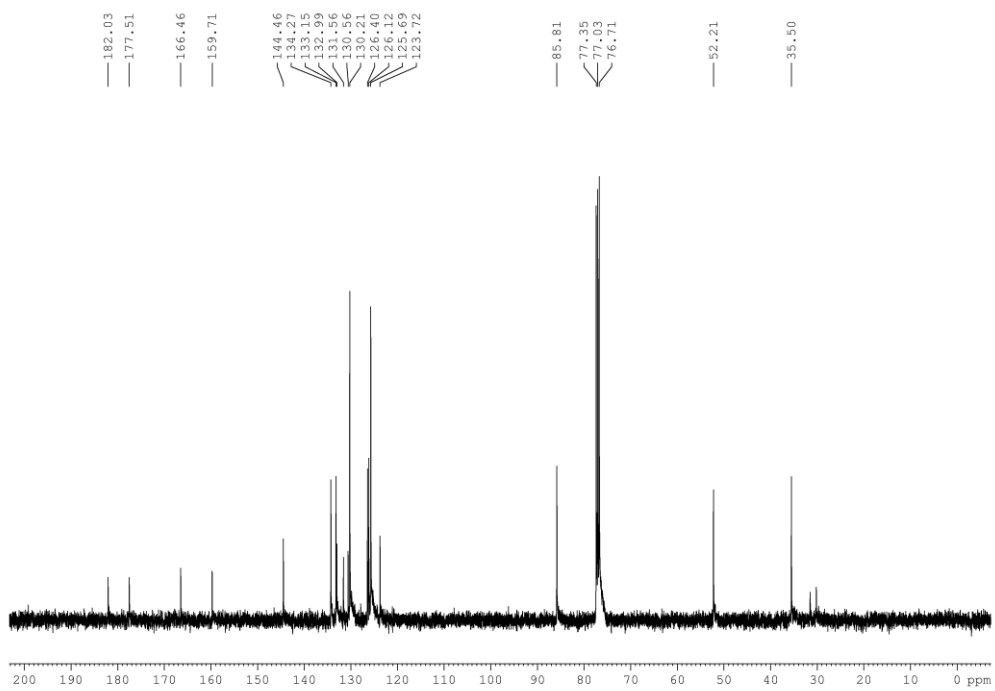
SI-Figure S29. ¹H NMR spectrum of compound **5c**.



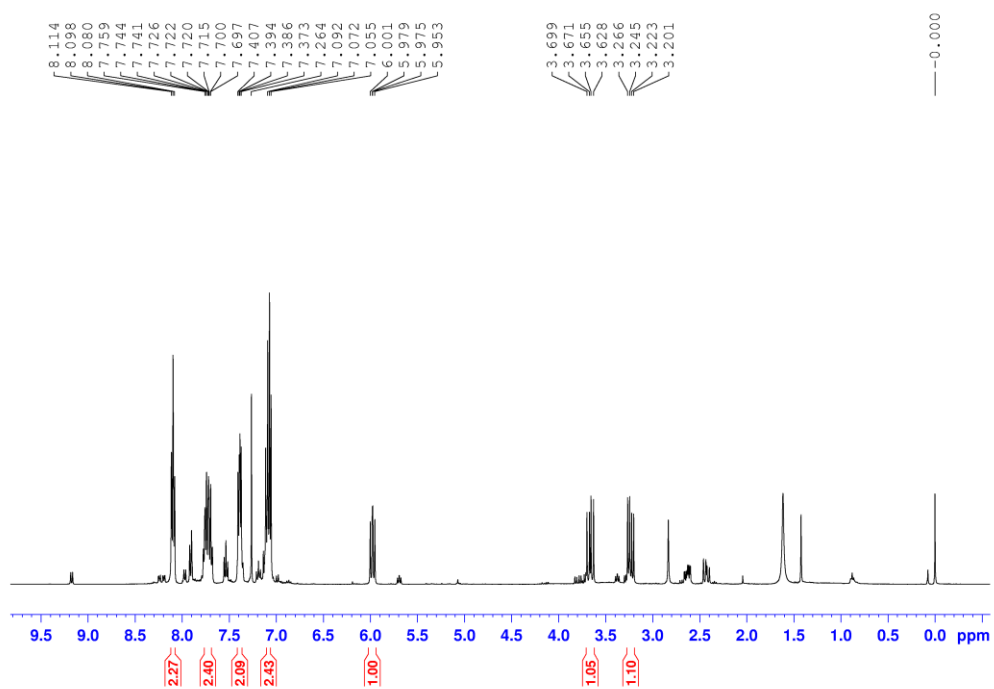
SI-Figure S30. ¹³C NMR spectrum of compound **5c**.



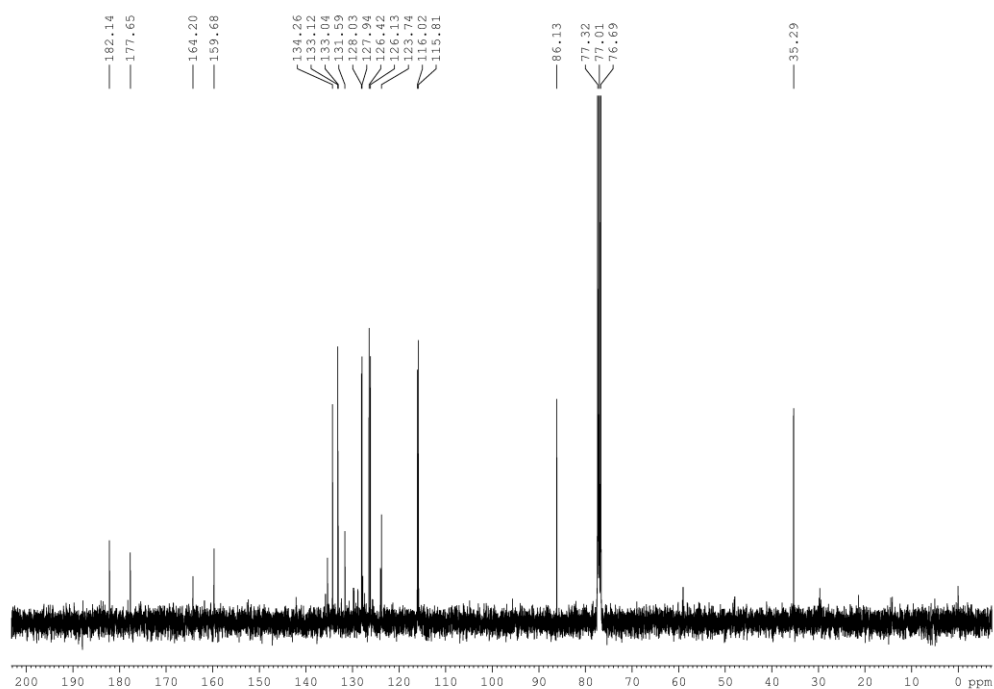
SI-Figure S31. ¹H NMR spectrum of compound **5d**.



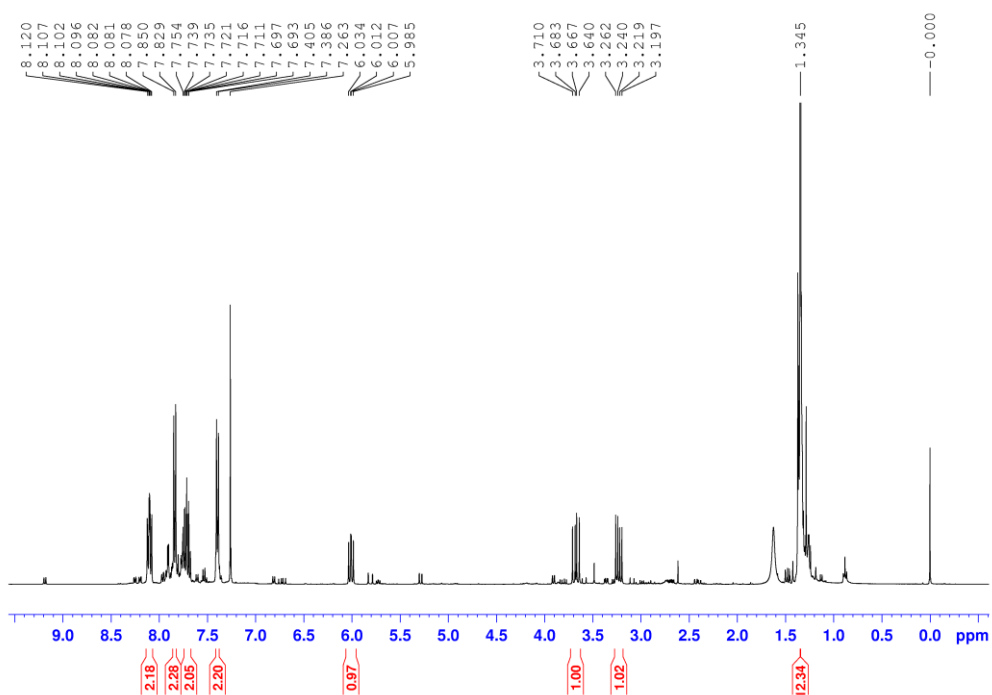
SI-Figure S32. ¹³C NMR spectrum of compound **5d**.



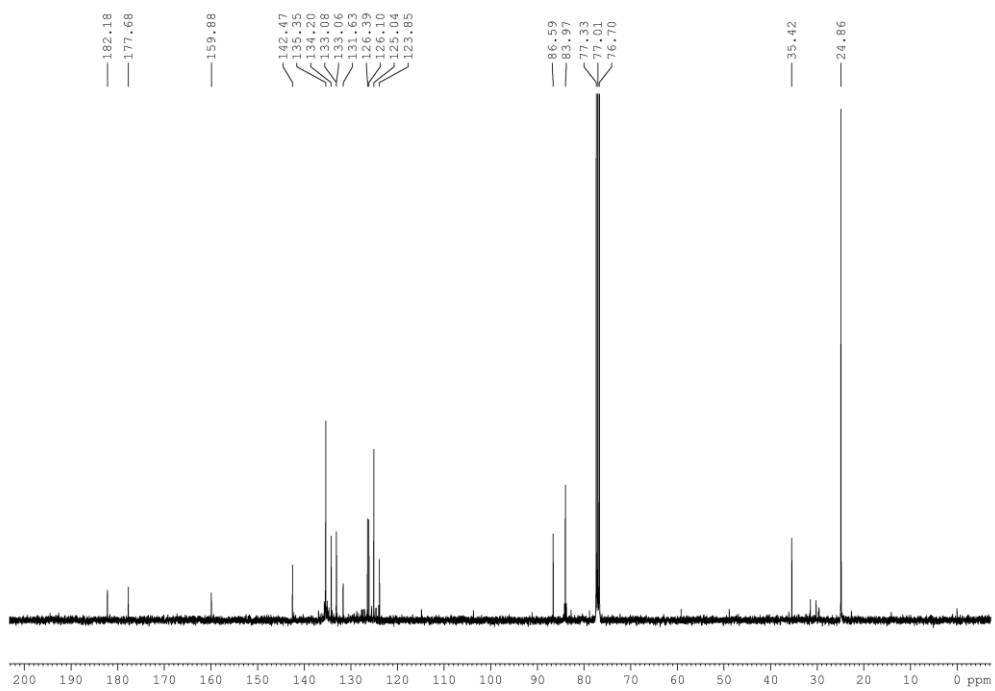
SI-Figure S33. ¹H NMR spectrum of compound **5e**.



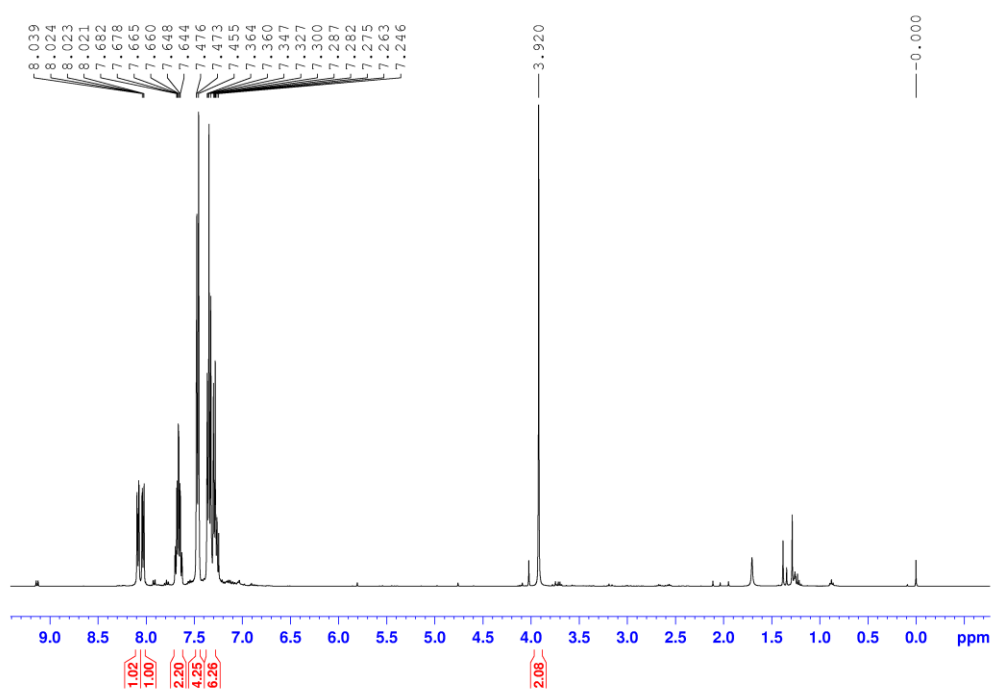
SI-Figure S34. ¹³C NMR spectrum of compound **5e**.



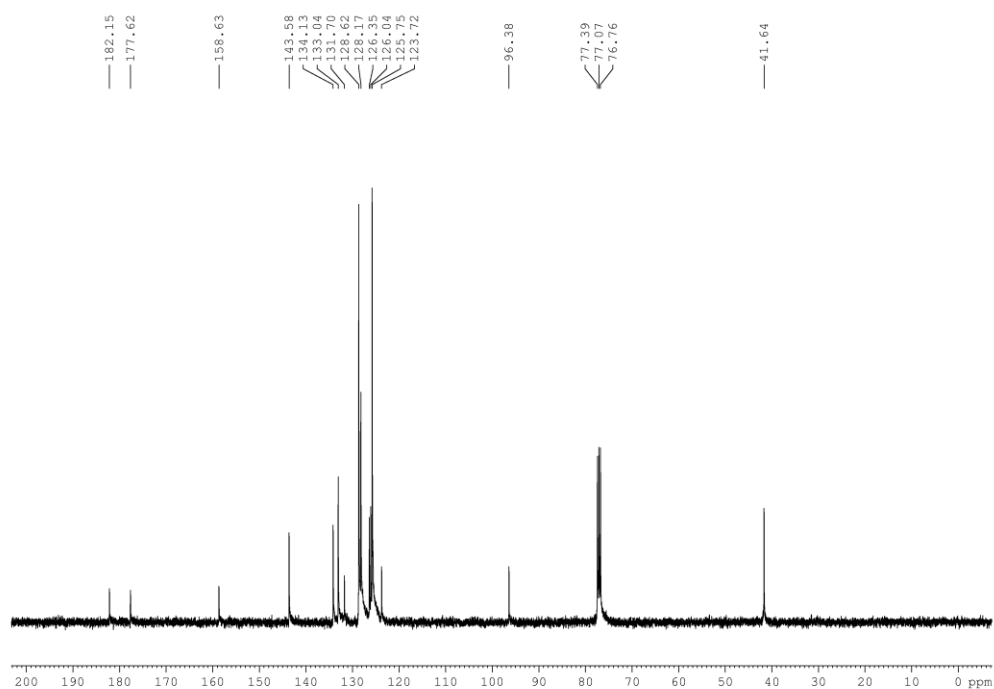
SI-Figure S35. ¹H NMR spectrum of compound **5f**.



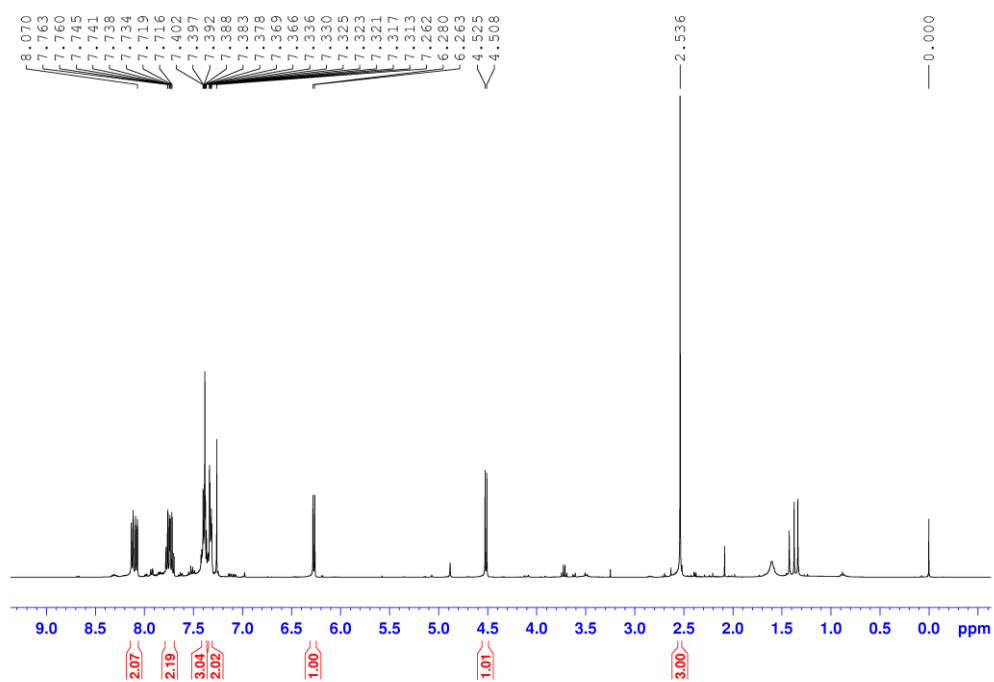
SI-Figure S36. ¹³C NMR spectrum of compound **5f**.



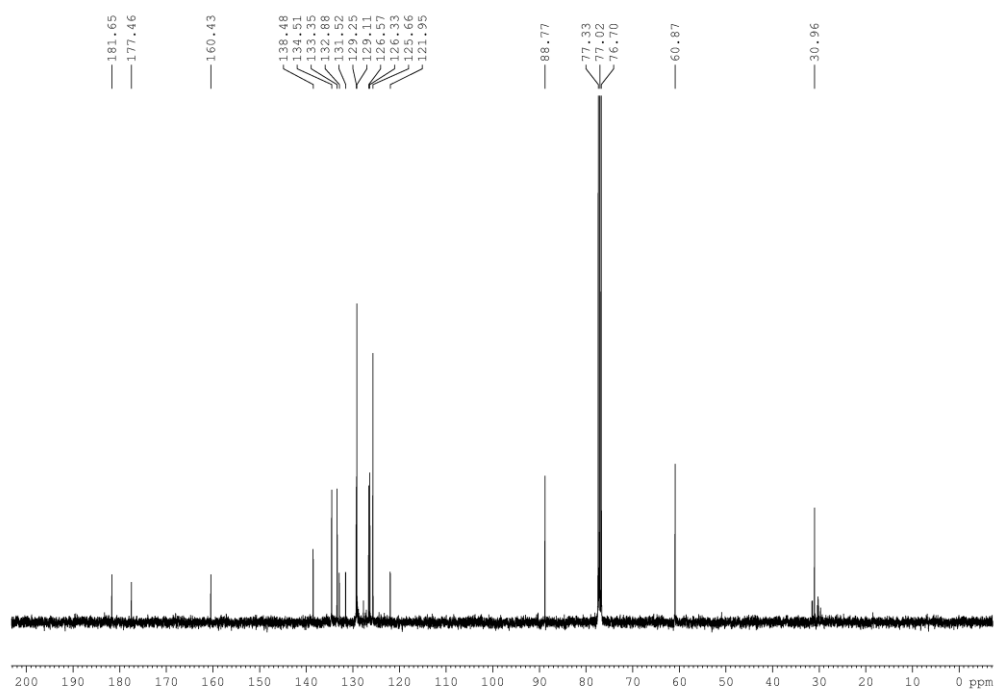
SI-Figure S37. ^1H NMR spectrum of compound **5g**.



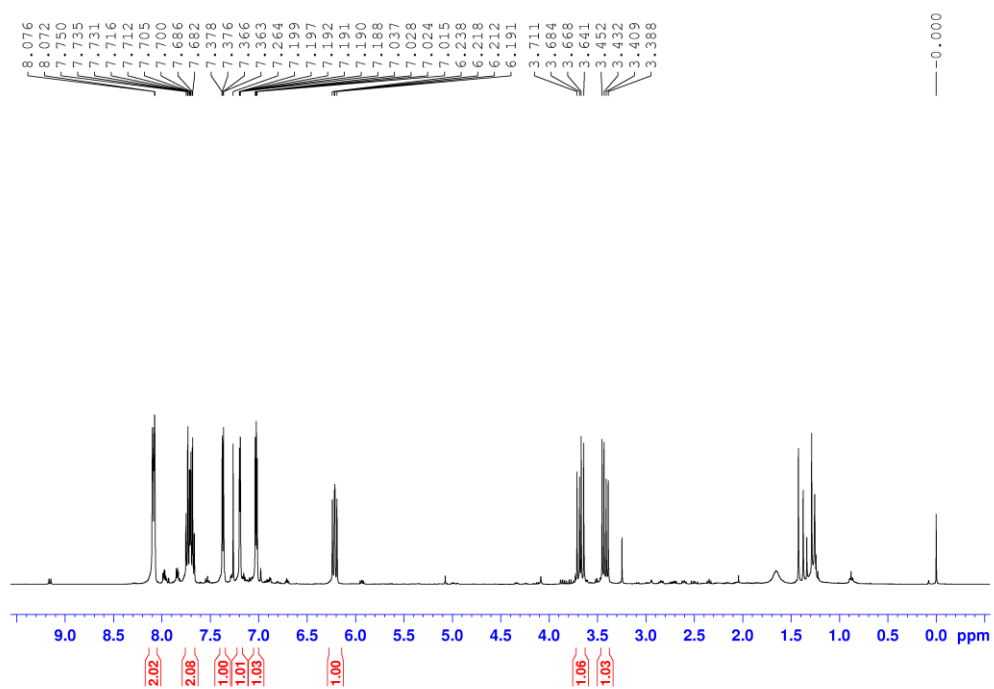
SI-Figure S38. ^{13}C NMR spectrum of compound **5g**.



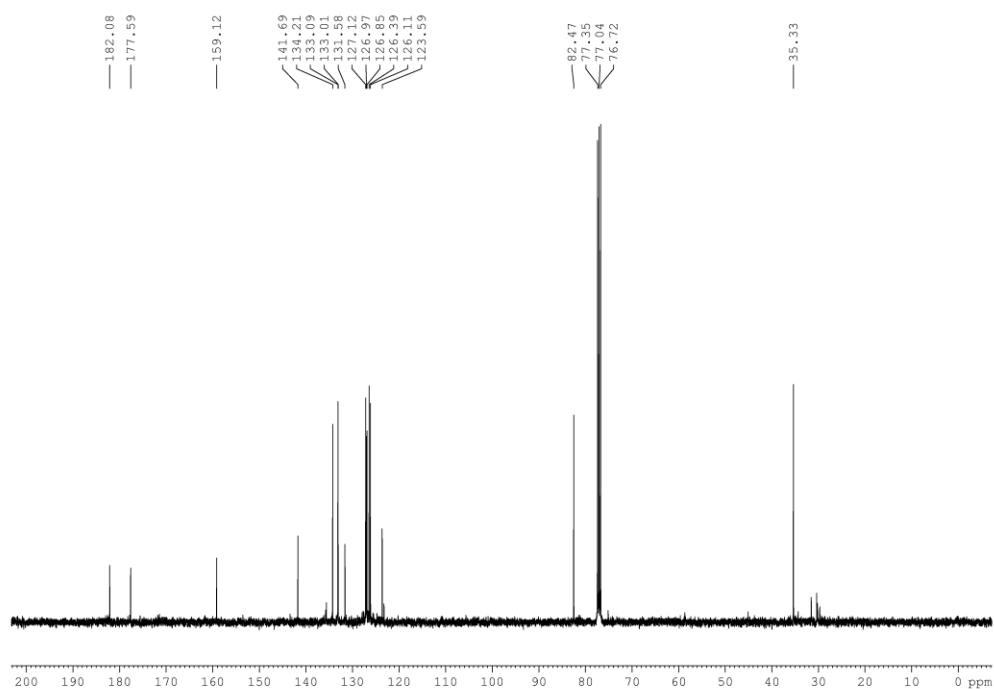
SI-Figure S39. ¹H NMR spectrum of compound **5h**.



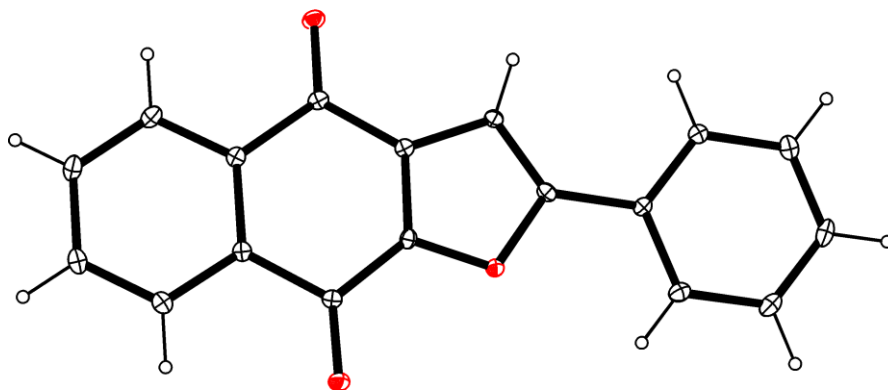
SI-Figure S40. ¹³C NMR spectrum of compound **5h**.



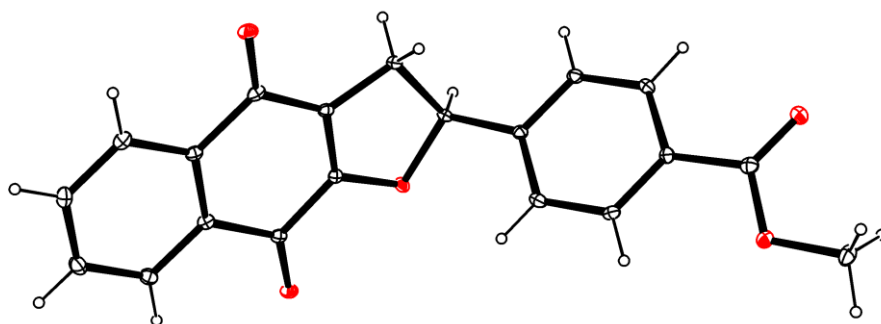
SI-Figure S41. ¹H NMR spectrum of compound **5i**.



SI-Figure S42. ¹³C NMR spectrum of compound **5i**.



SI-Figure S43. ORTEP diagram of crystal structures of **3a**.



SI-Figure S44. ORTEP diagram of crystal structures of **5d**.