

Supporting information

2-Amino-1,3-Benzothiazole: Endo *N*-Alkylation with α -Iodo Methyl Ketones Followed by Cyclization

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Figure S1. ^1H NMR spectrum of compound (3a).

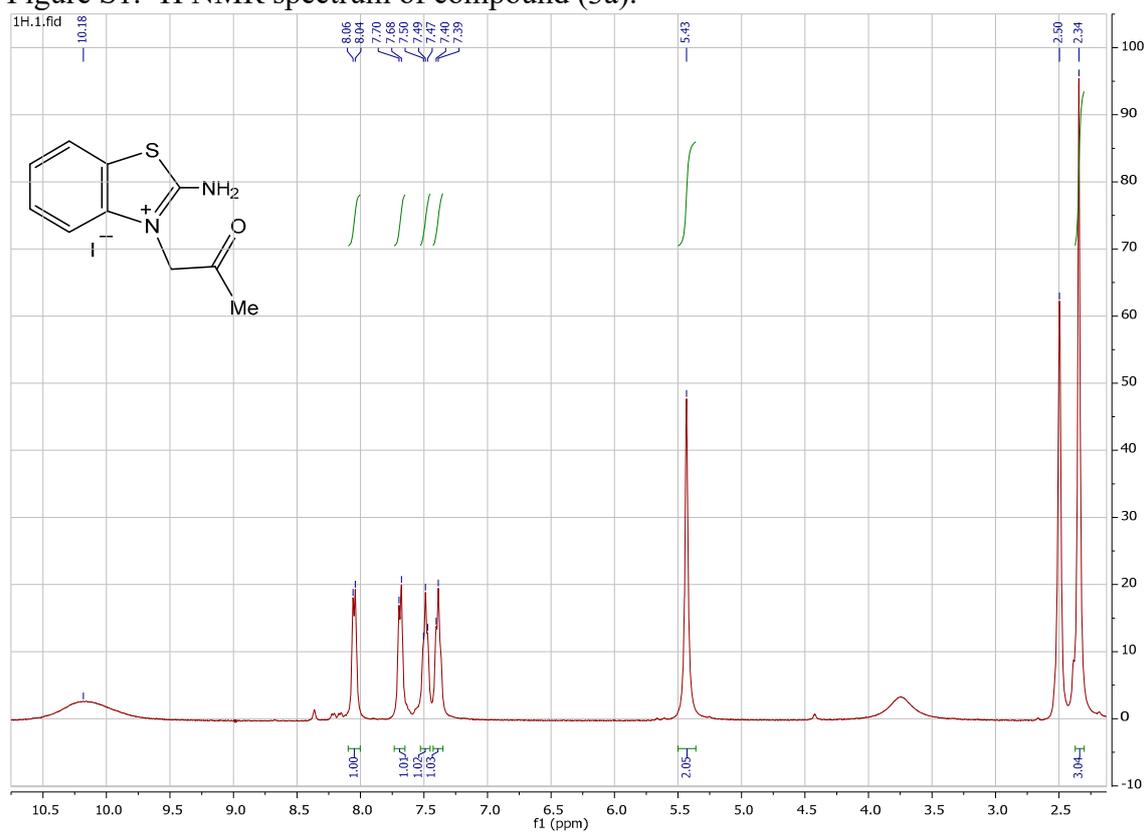


Figure S2. ^{13}C NMR spectrum of compound (3a).

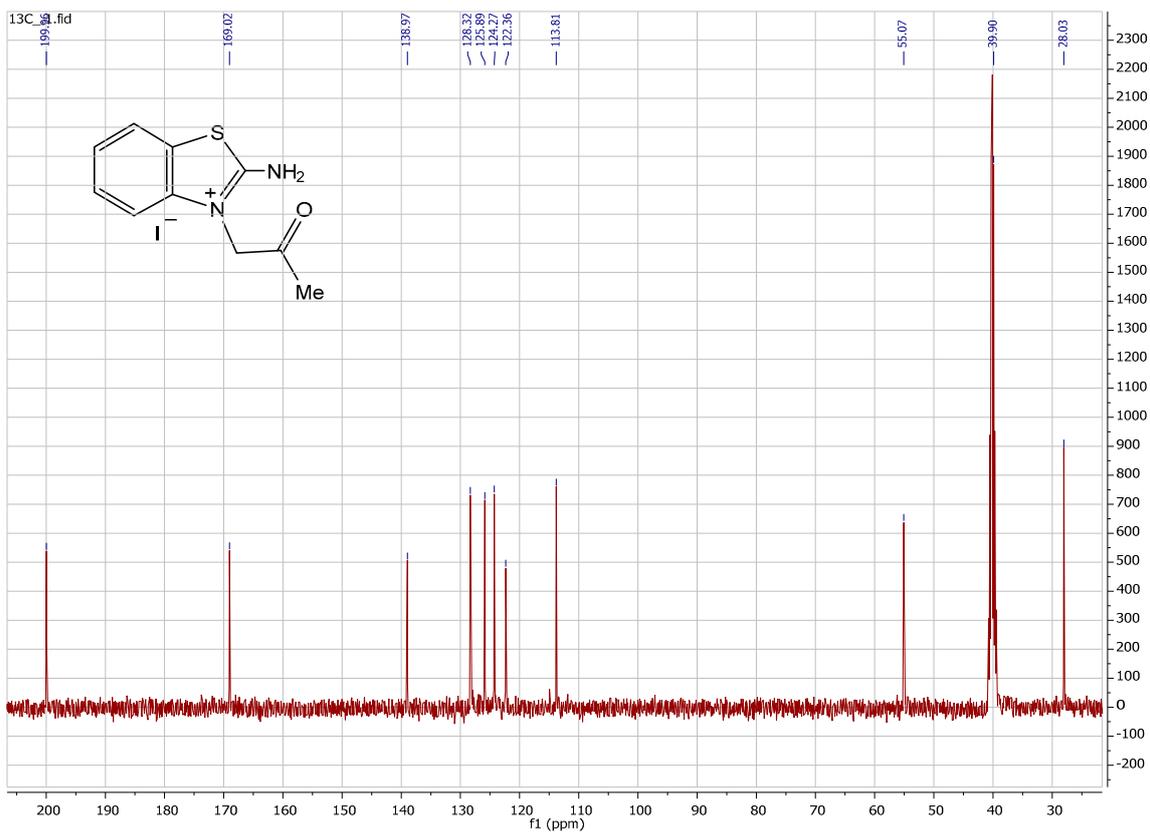


Figure S3. ^1H NMR spectrum of compound (3b).

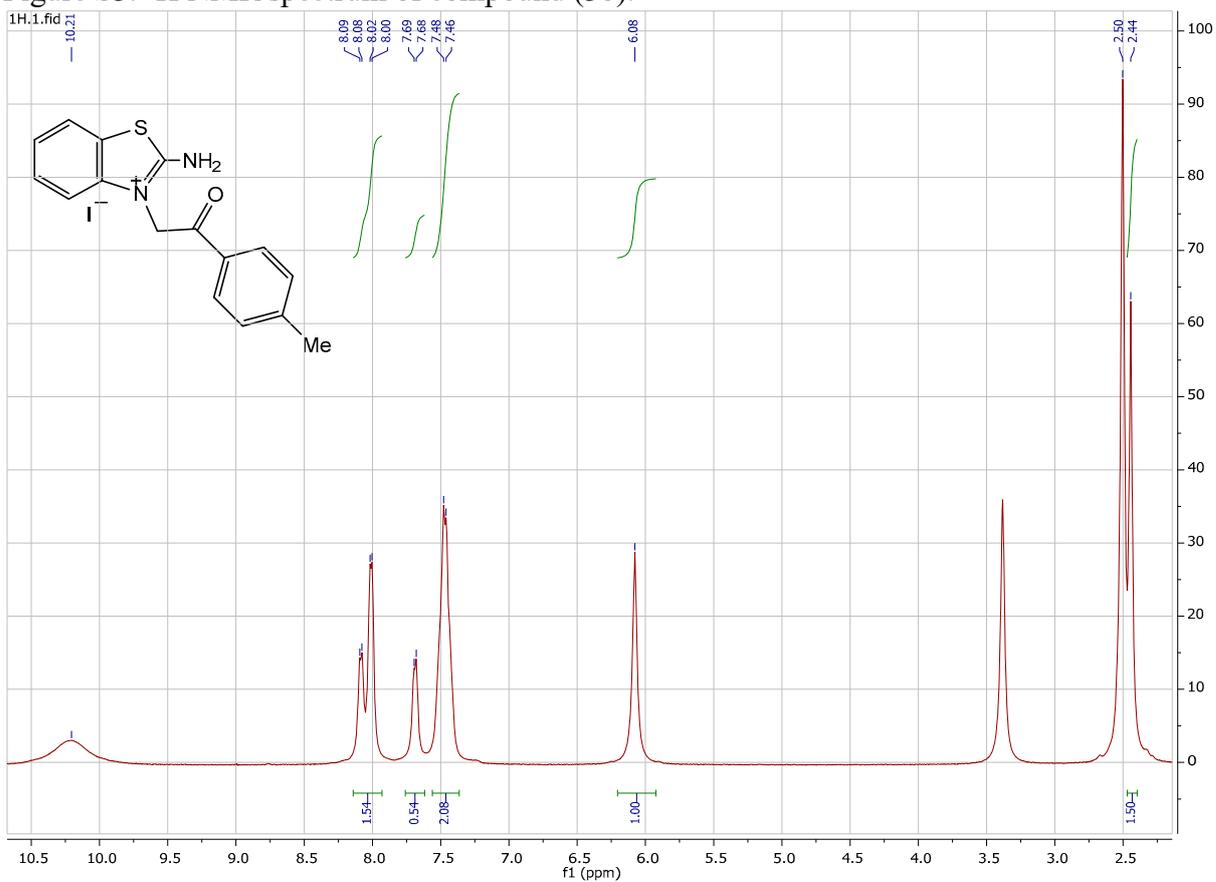


Figure S4. ^{13}C NMR spectrum of compound (3b).

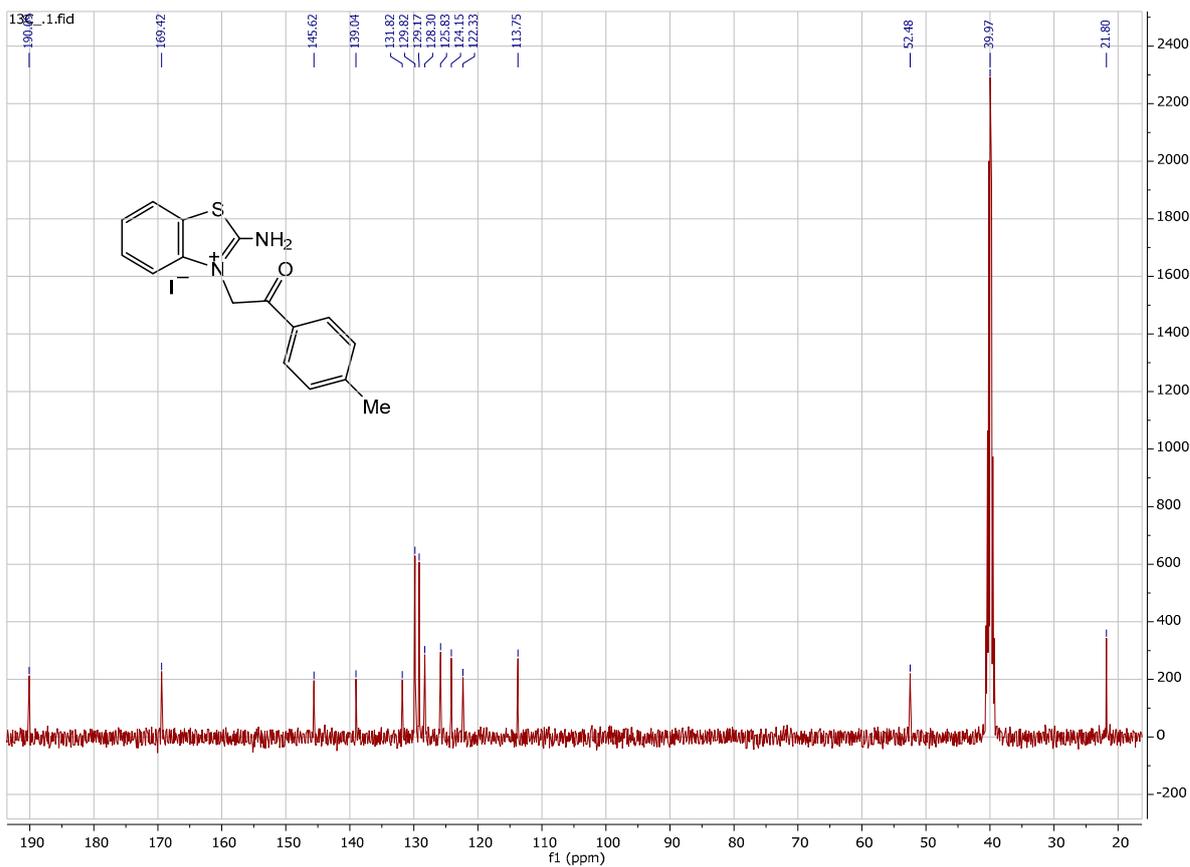


Figure S5. ^1H NMR spectrum of compound (3c).

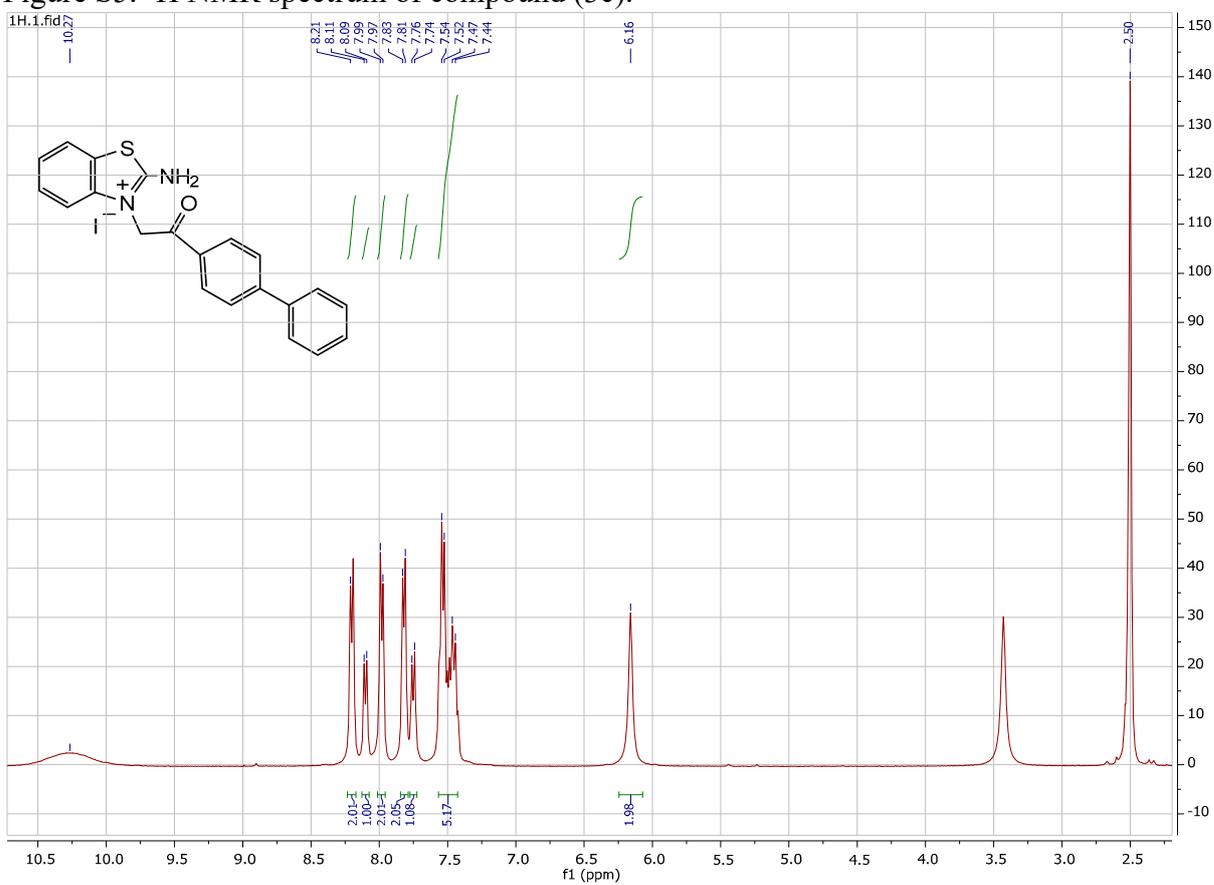


Figure S6. ^{13}C NMR spectrum of compound (3c).

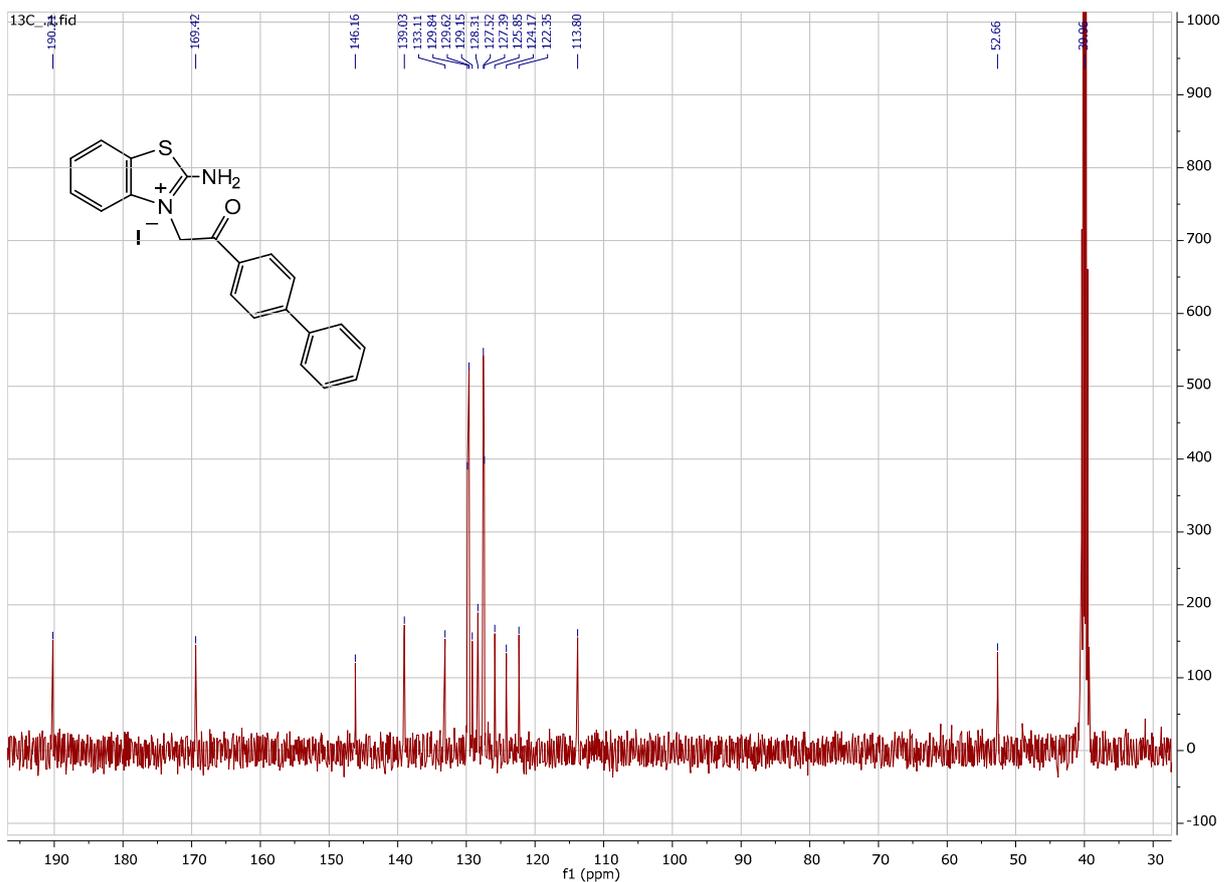


Figure S7. ¹H NMR spectrum of compound (3d).

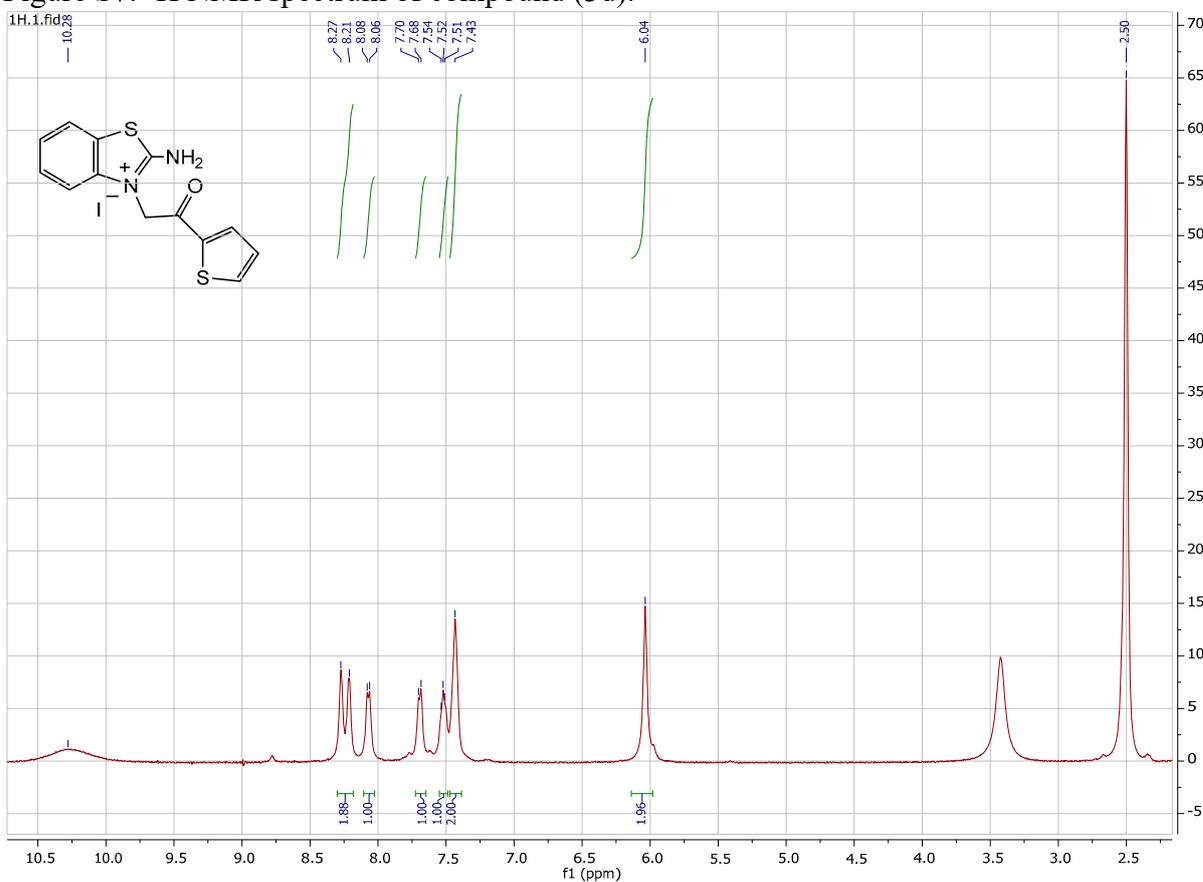


Figure S8. ¹H NMR spectrum of compound (3d).

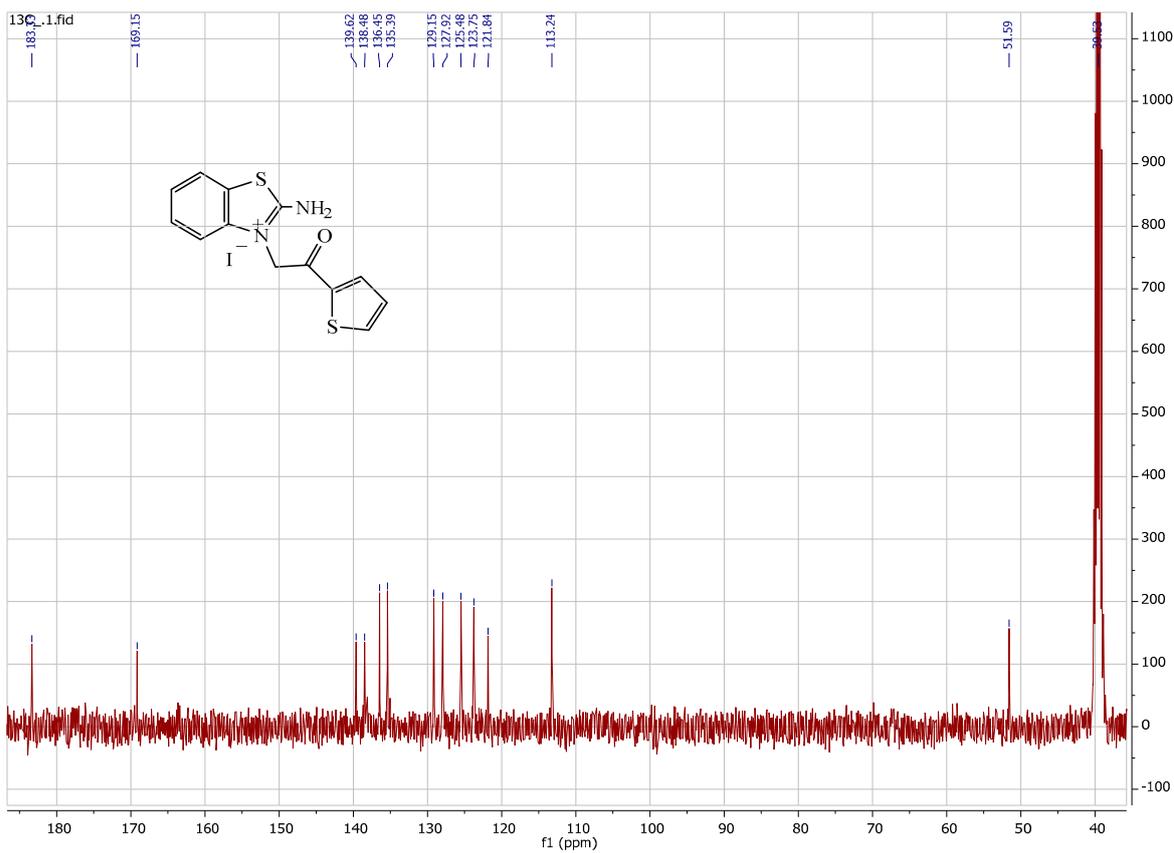


Figure S9. ¹H NMR spectrum of compound (3e).

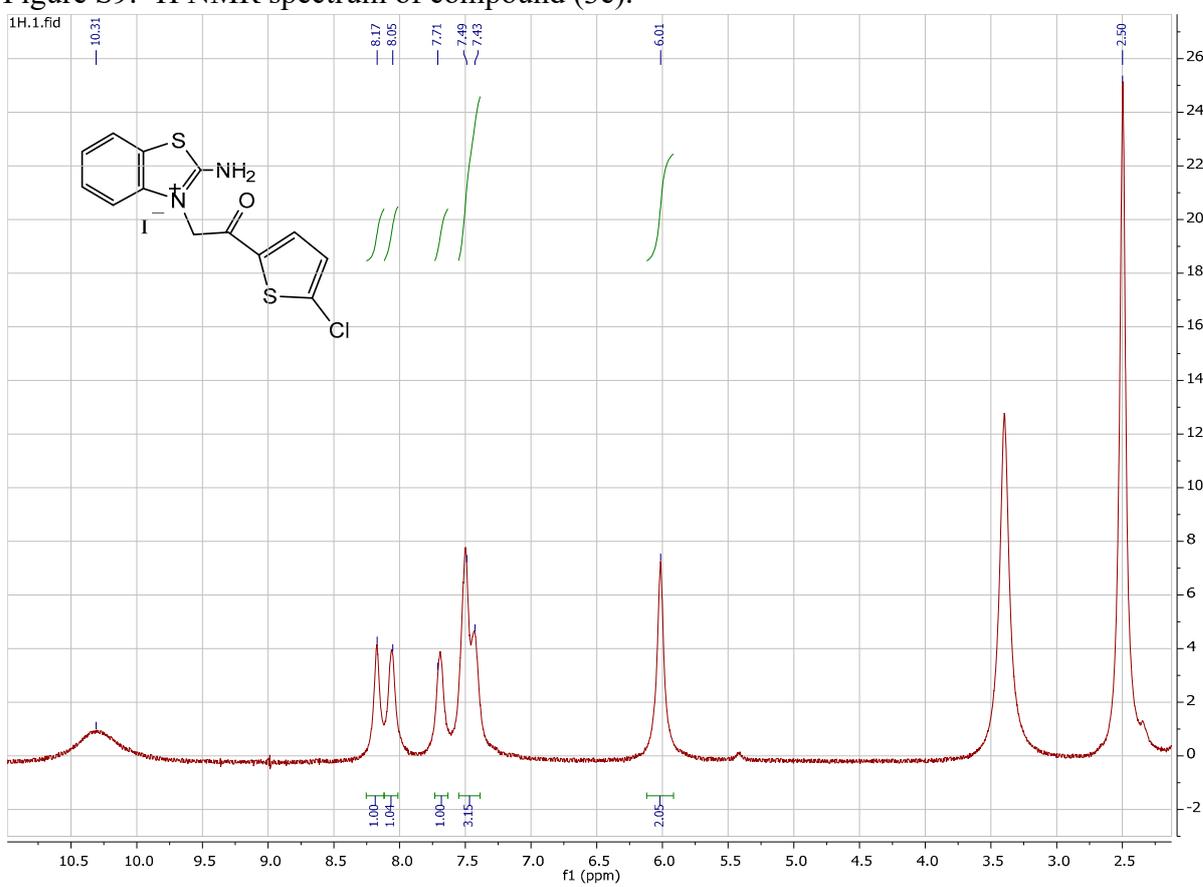


Figure S10. ¹³C NMR spectrum of compound (3e).

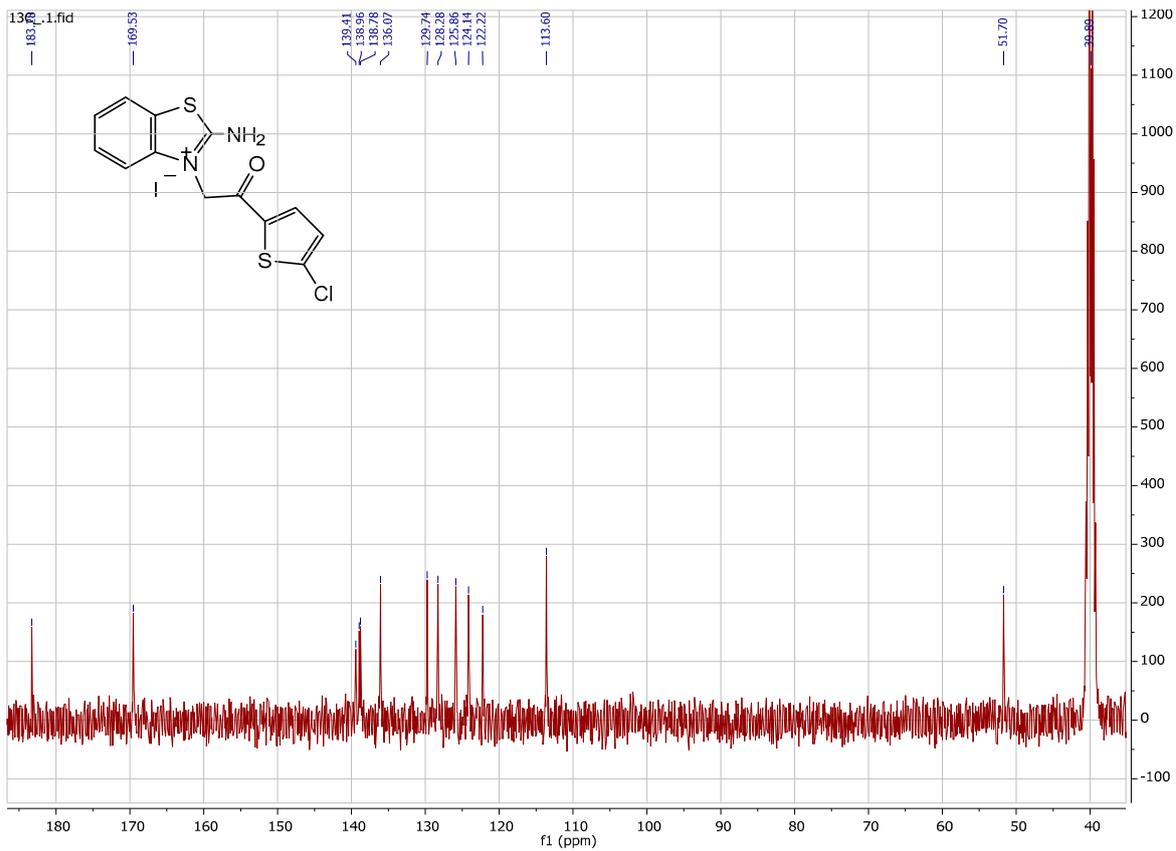


Figure S11. ^1H NMR spectrum of compound (3f).

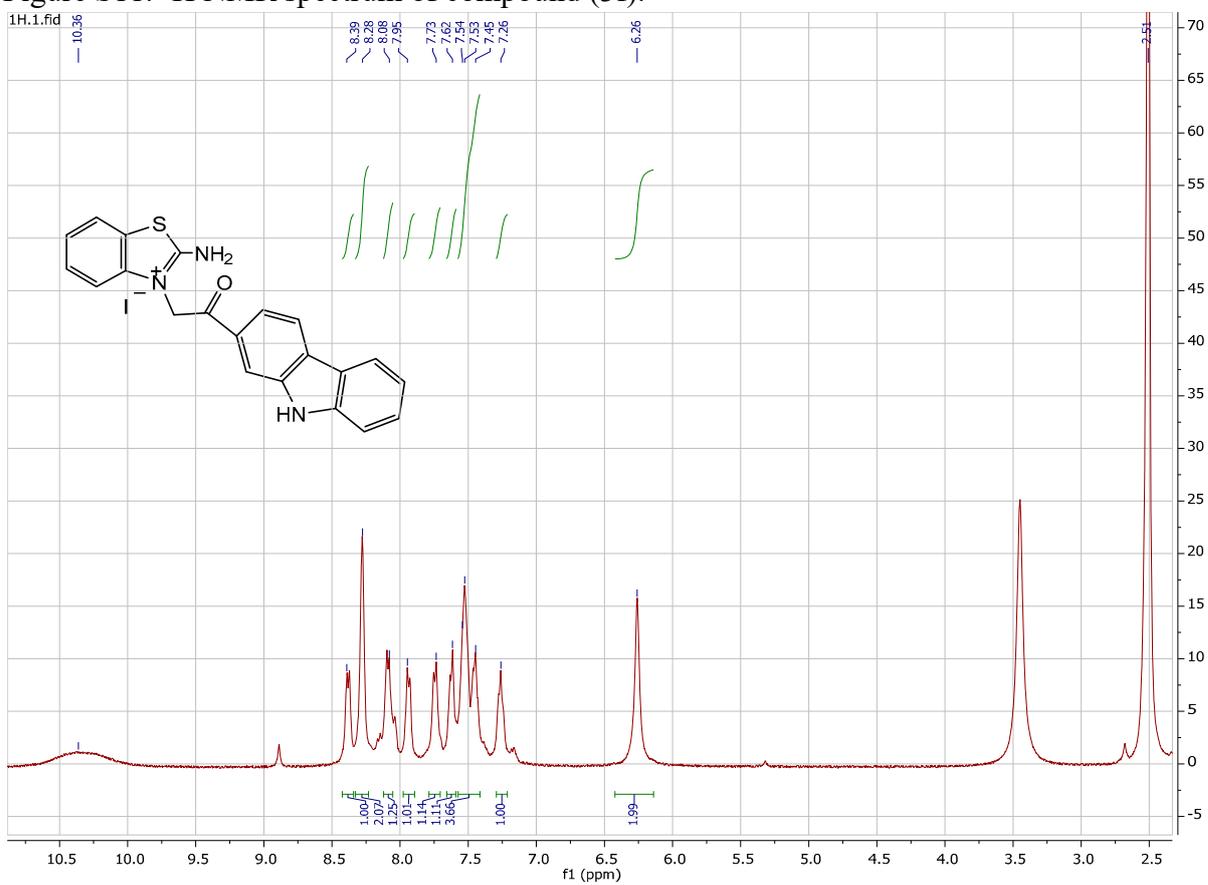


Figure S12. ^{13}C NMR spectrum of compound (3f).

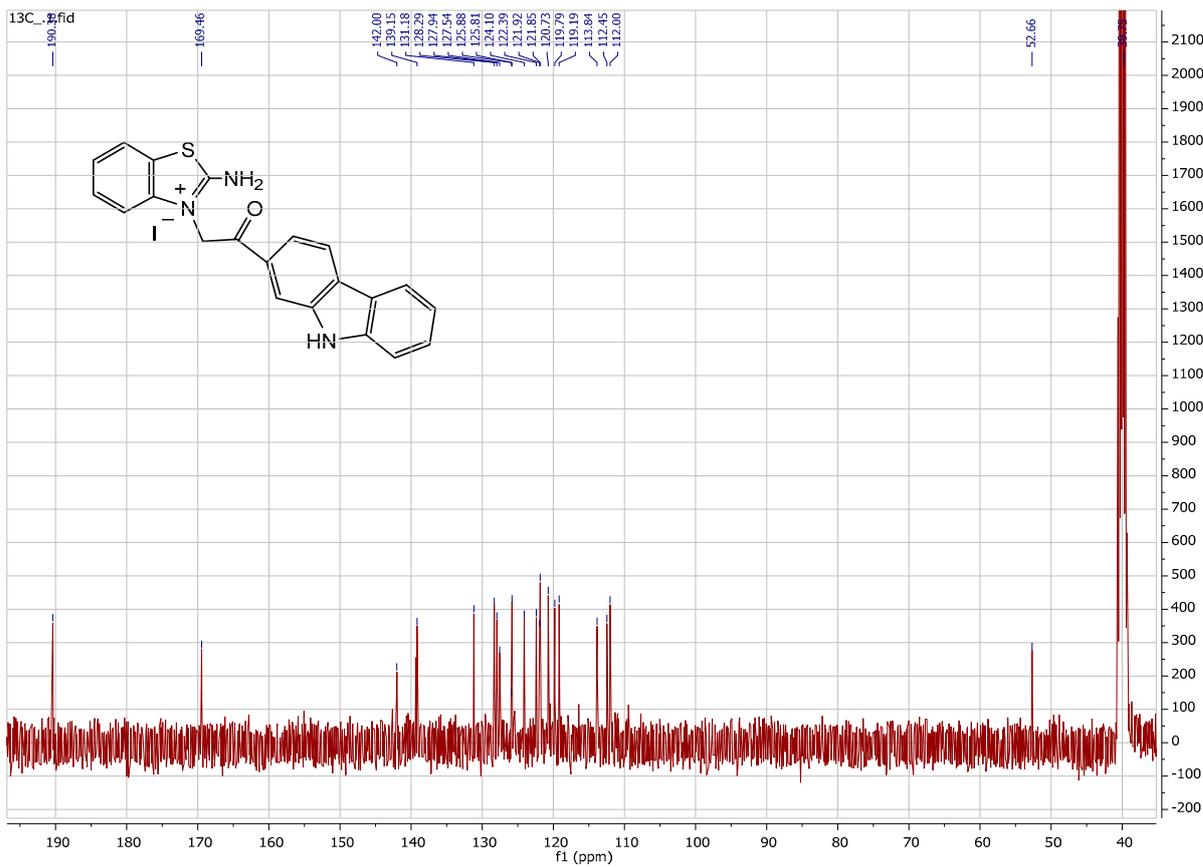


Figure S13. ¹H NMR spectrum of compound (6a).

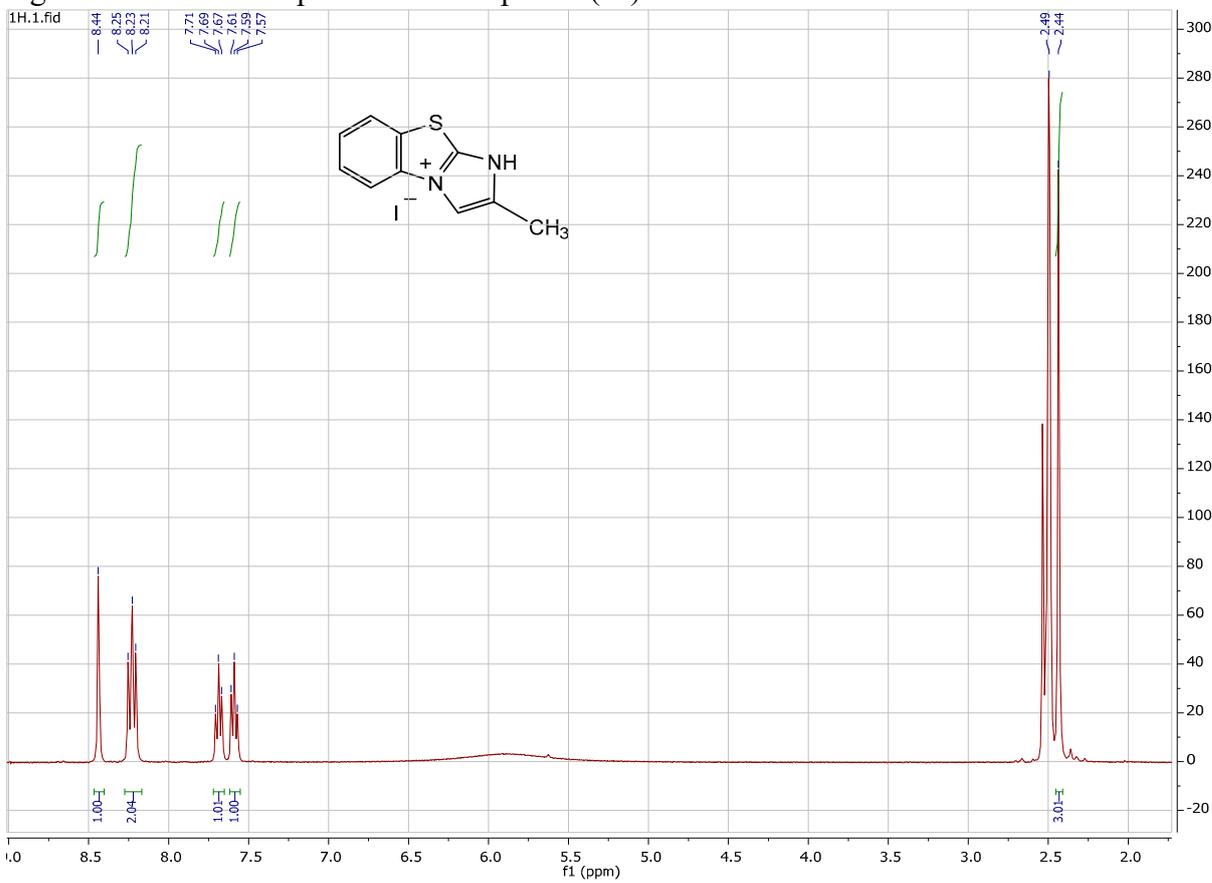


Figure S14. ¹³C NMR spectrum of compound (6a).

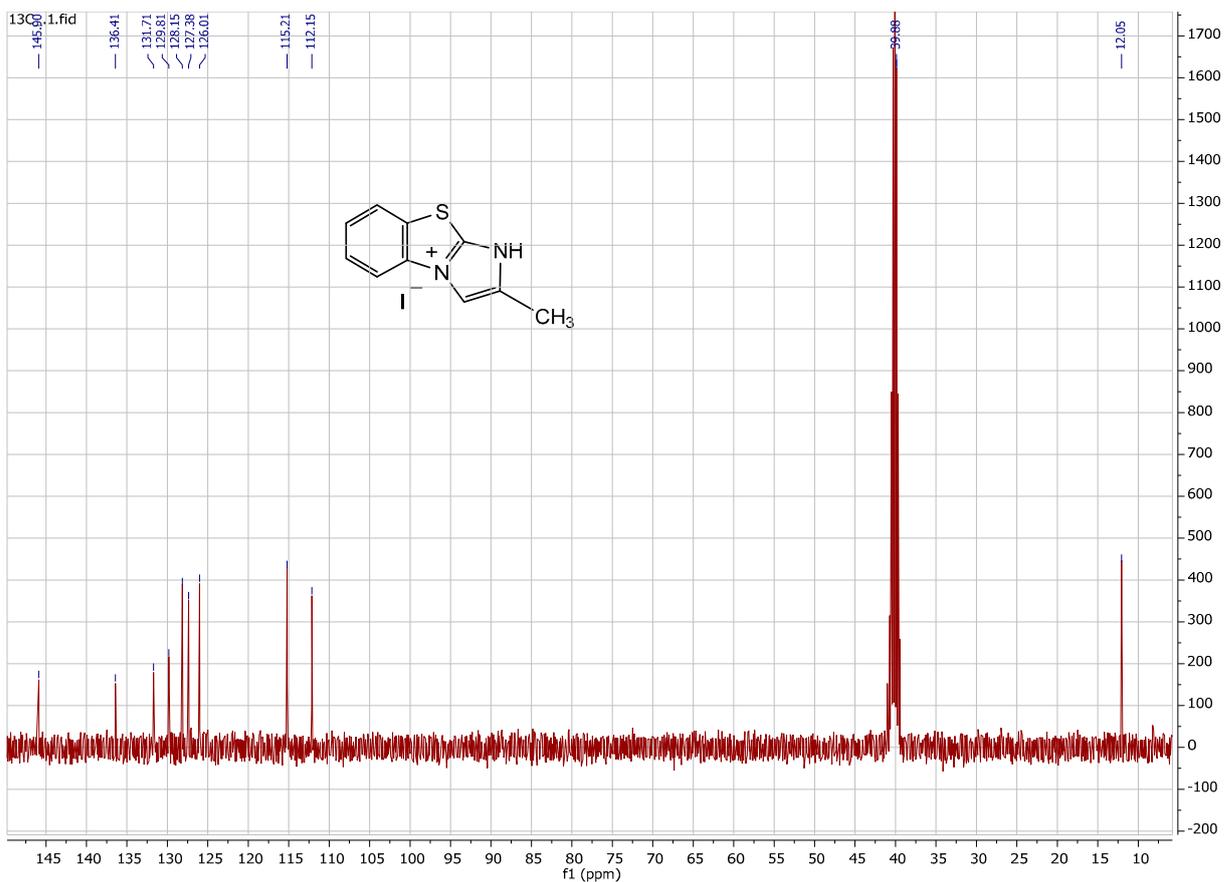


Figure S15. ¹H NMR spectrum of compound (6b).

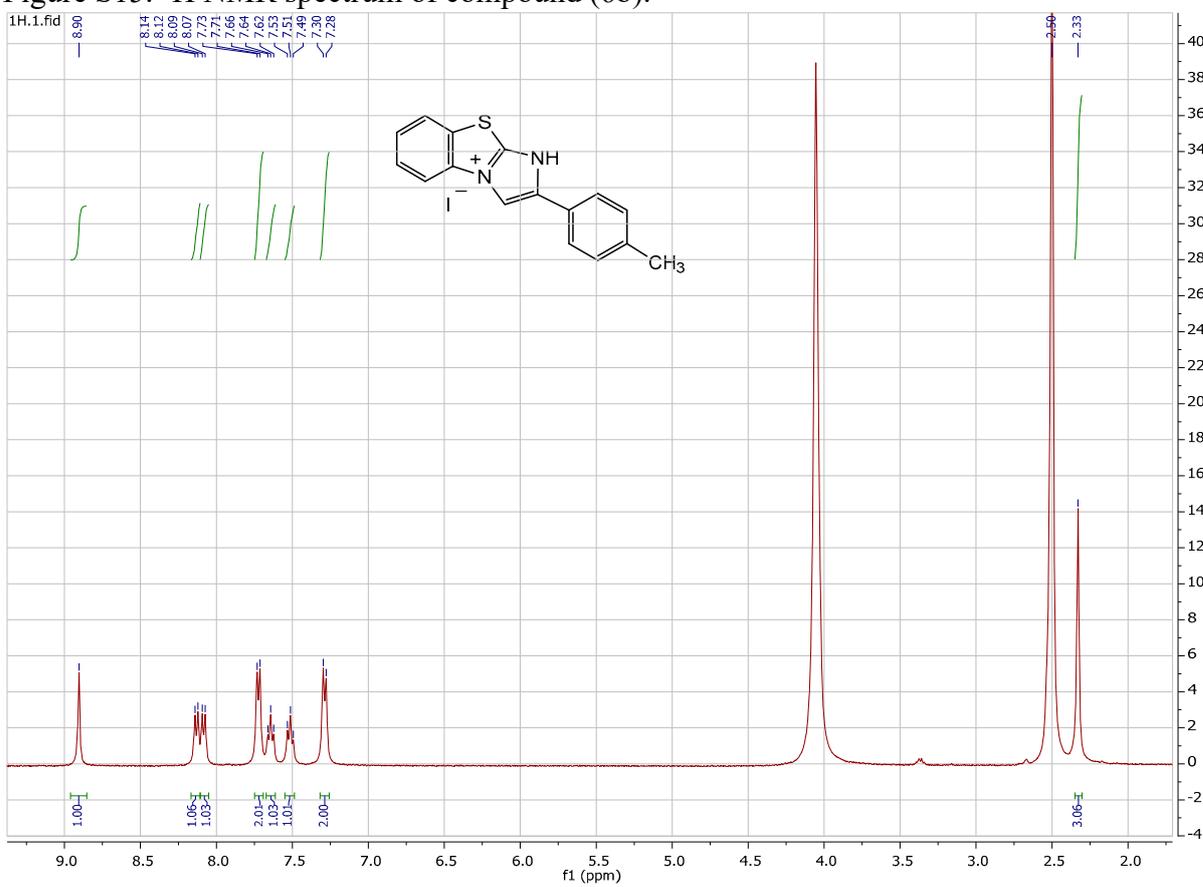


Figure S16. ^{13}C NMR spectrum of compound (6b).

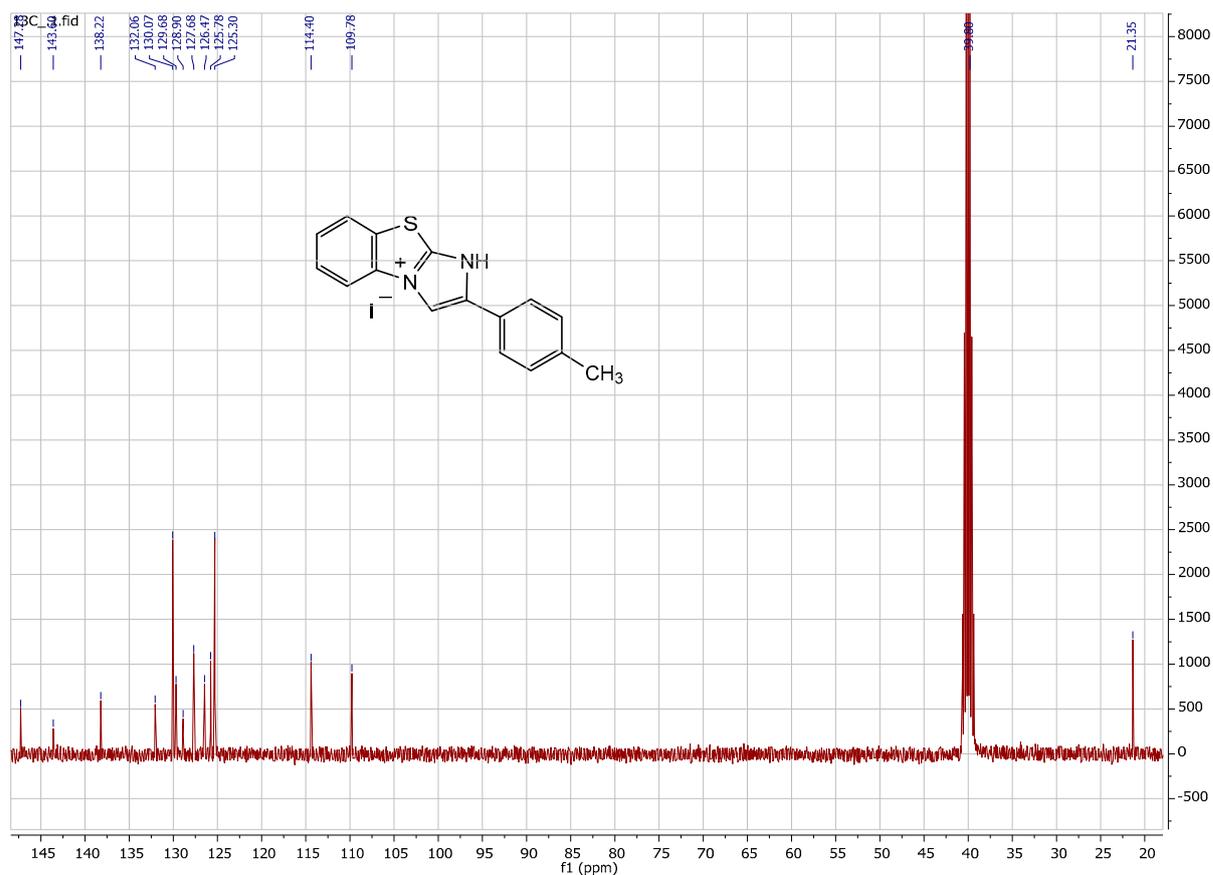


Figure S17. ^1H NMR spectrum of compound (6c).

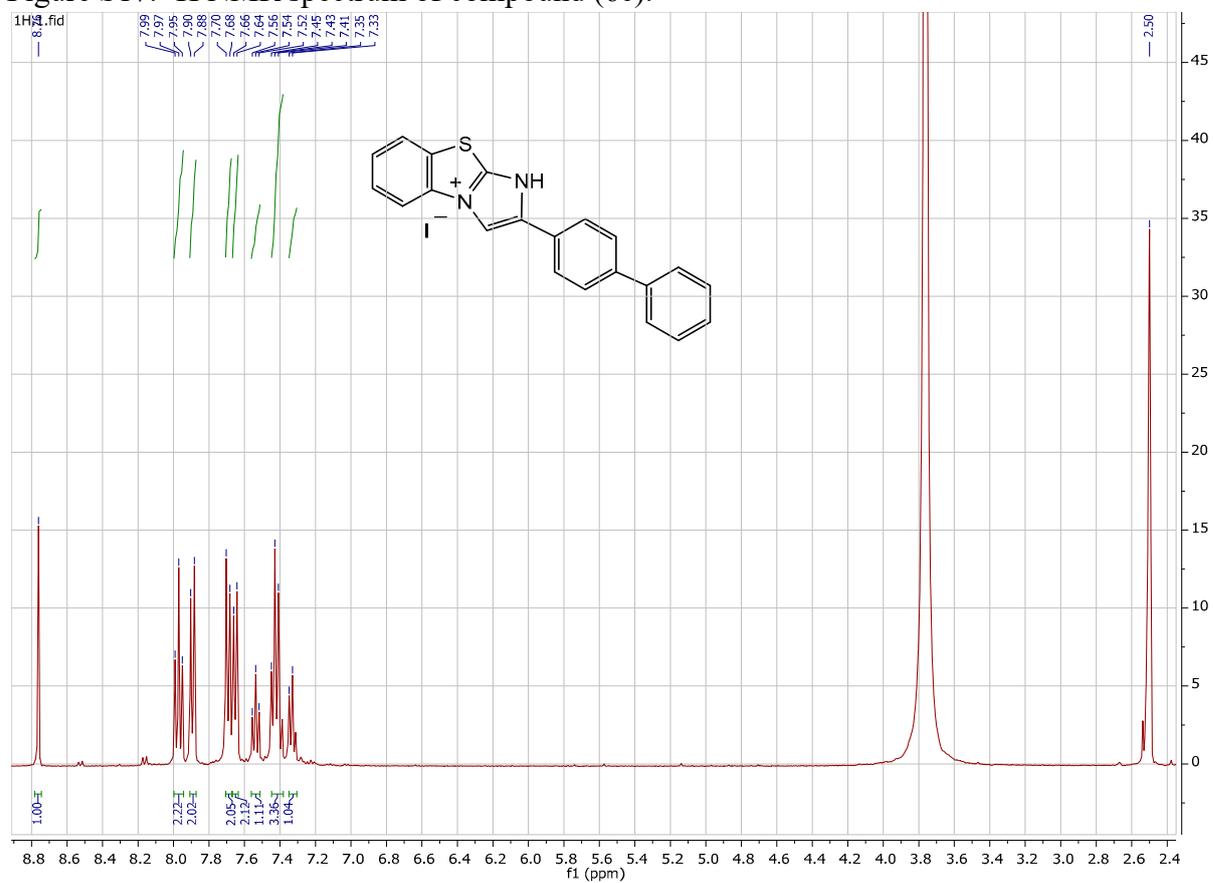


Figure S18. ^{13}C NMR spectrum of compound (6c).

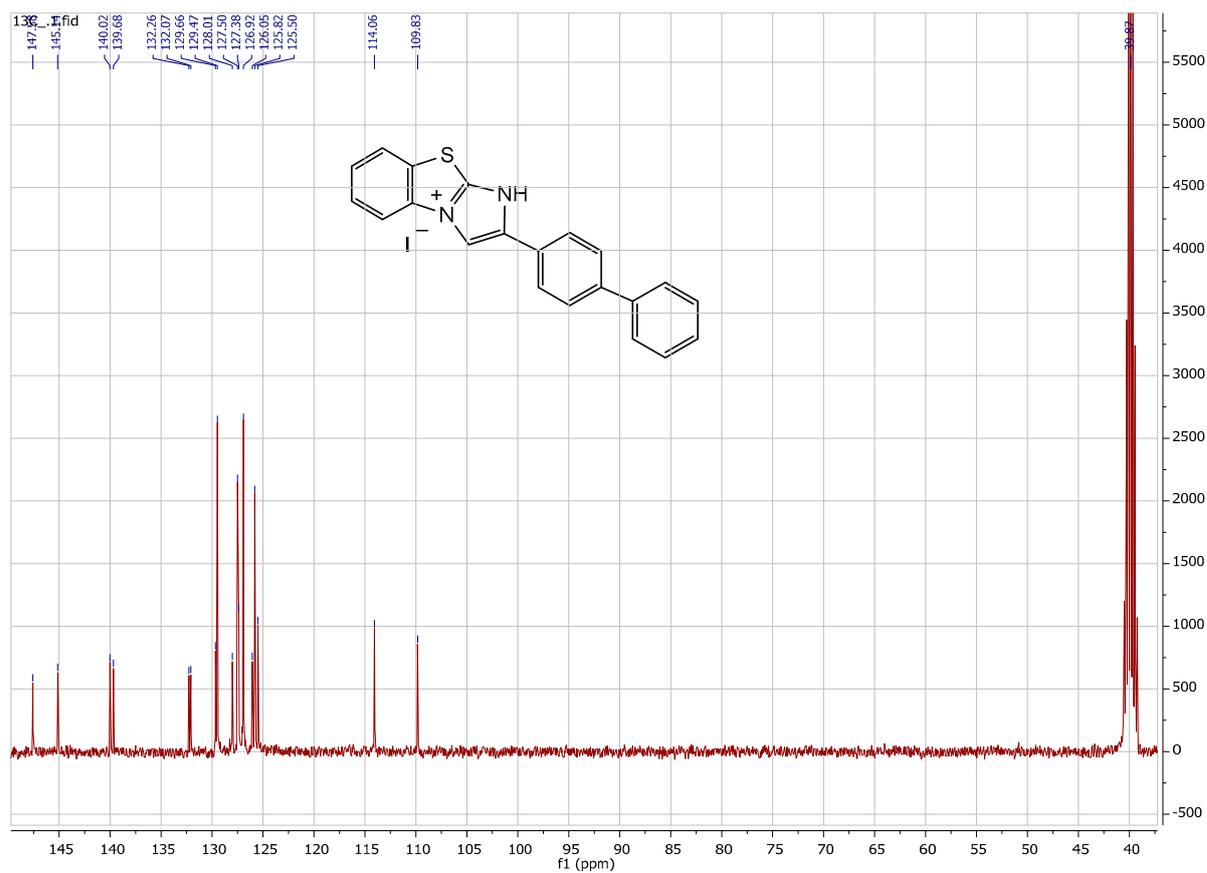


Figure S19. ^1H NMR spectrum of compound (6d).

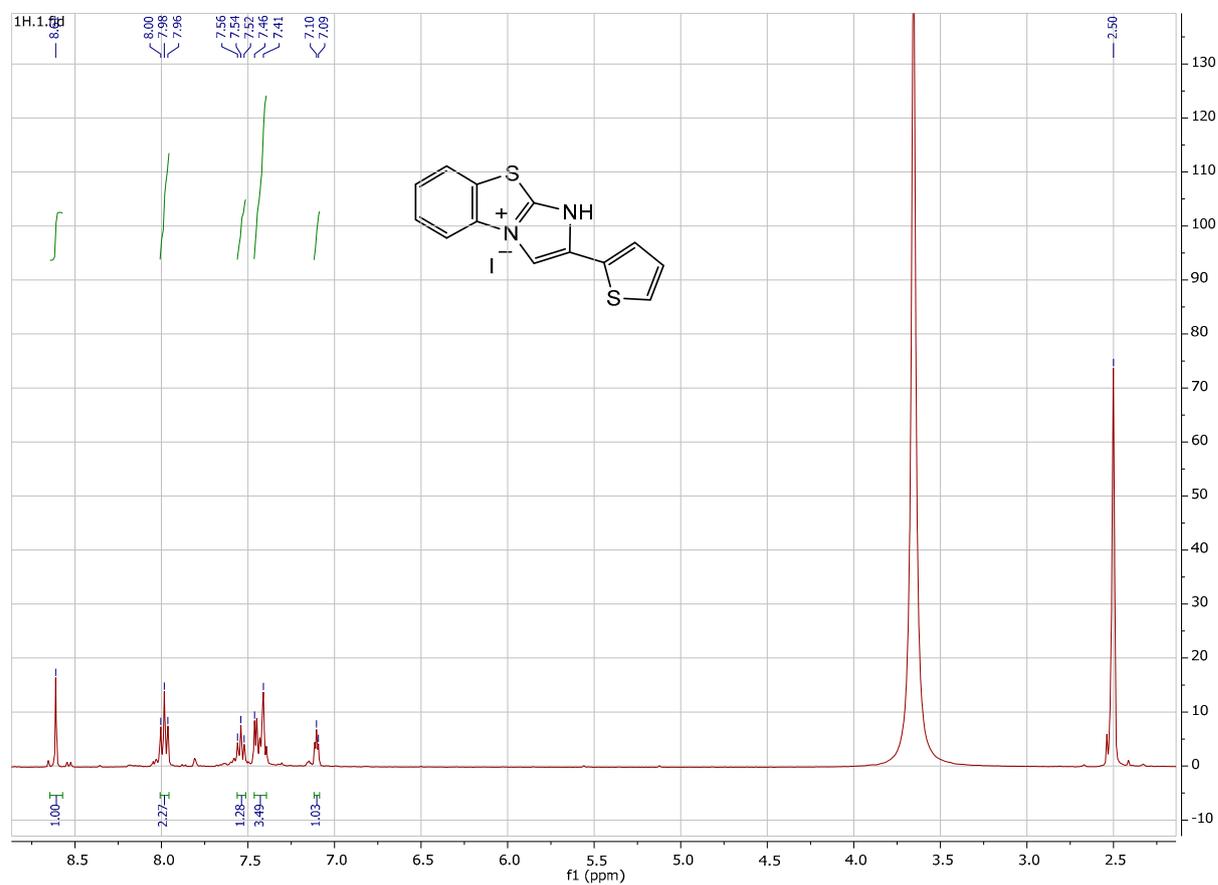


Figure S20. ^{13}C NMR spectrum of compound (6d).

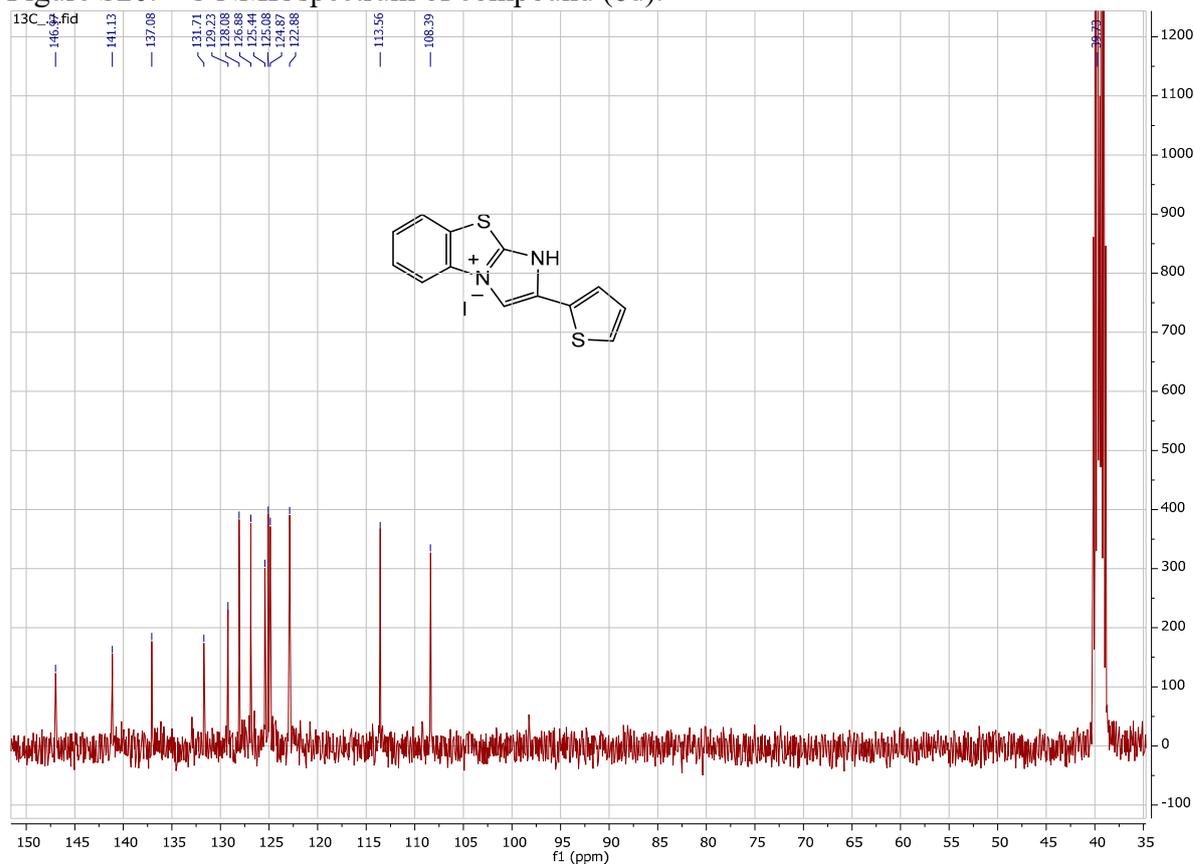


Figure S21. ^1H NMR spectrum of compound (6e).

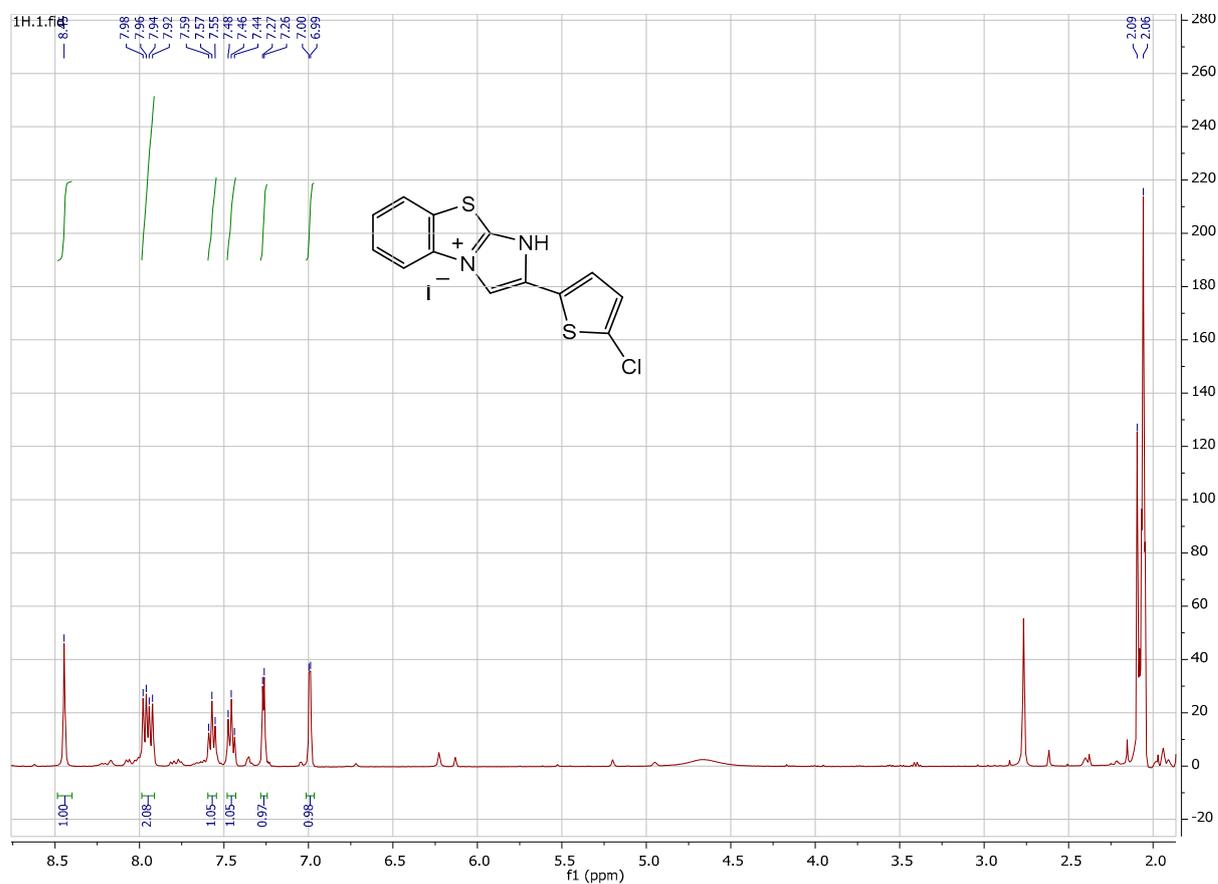


Figure S22. ^{13}C NMR spectrum of compound (6e).

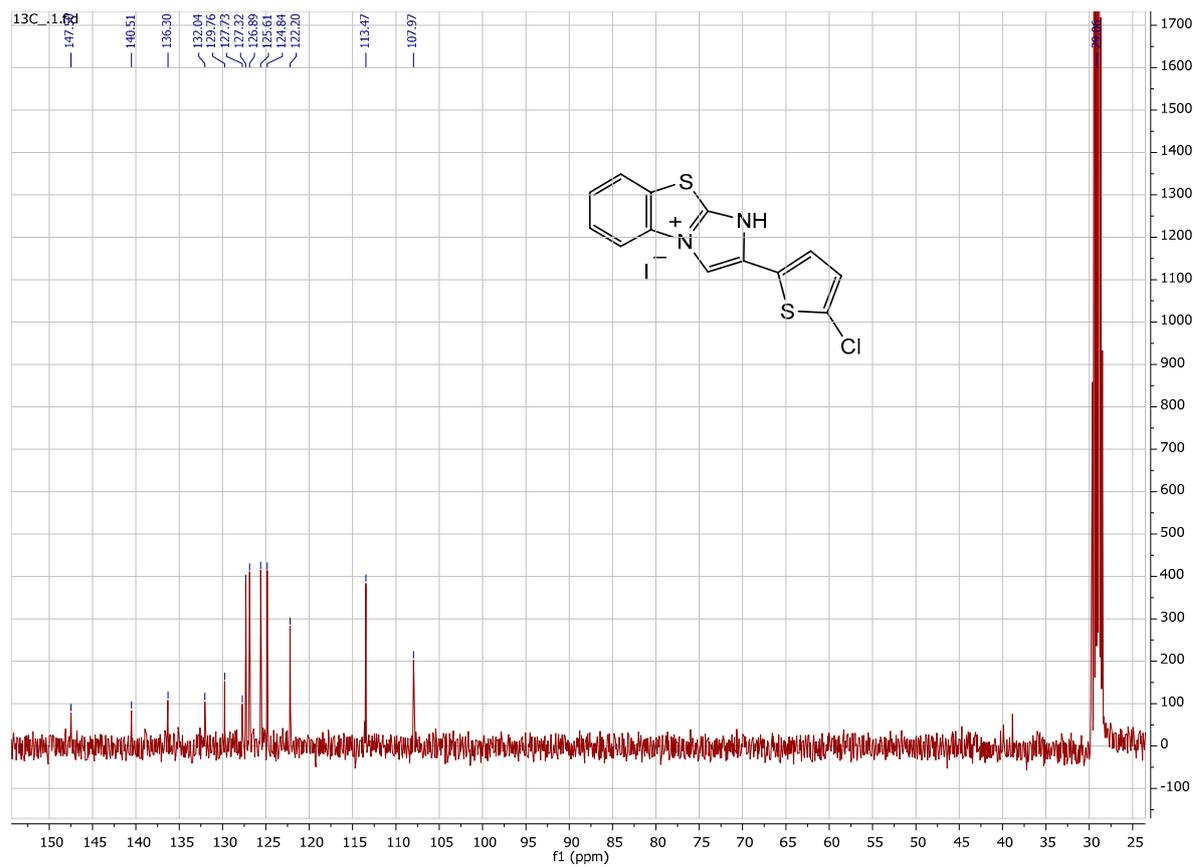


Figure S23. ^1H NMR spectrum of compound (6f).

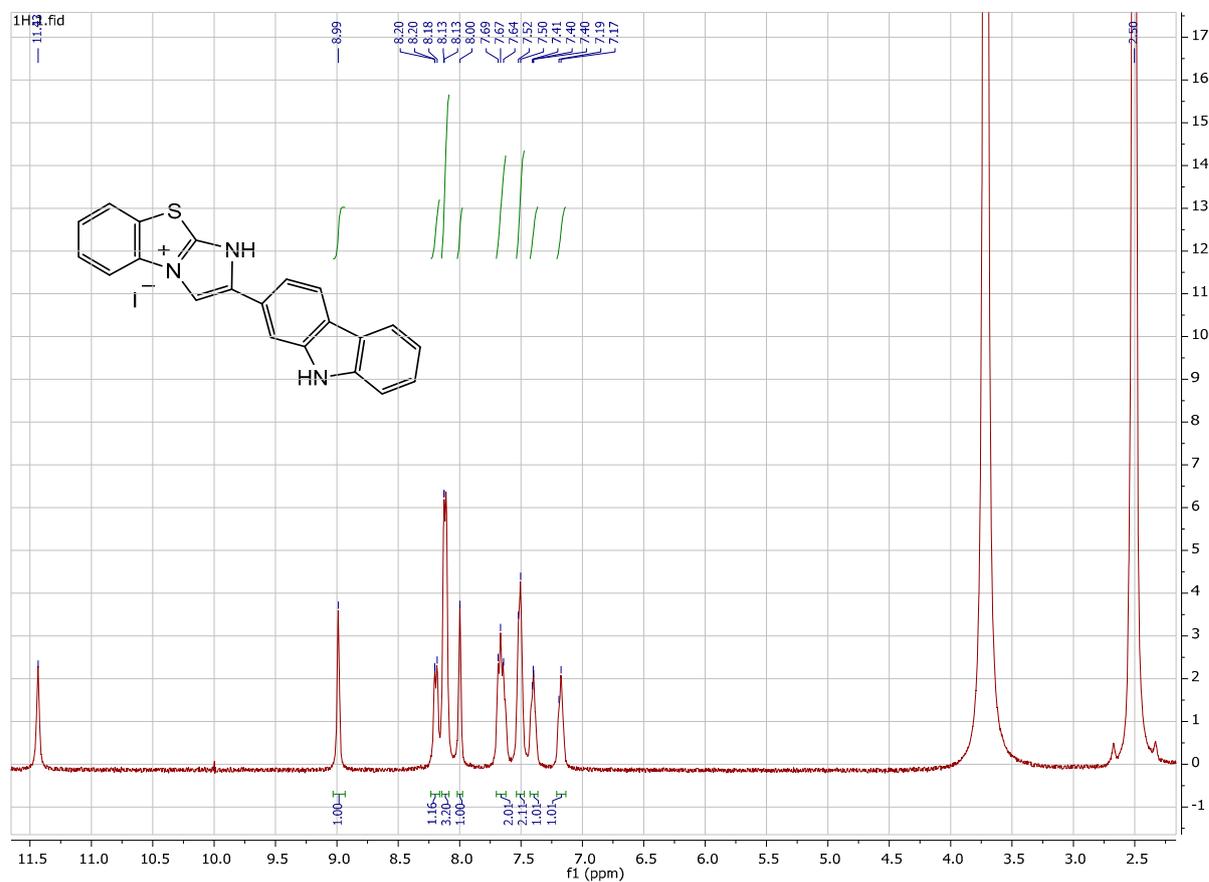


Figure S24. ^{13}C NMR spectrum of compound (6f).

Figure S26. ^{13}C NMR spectrum of compound (4d).

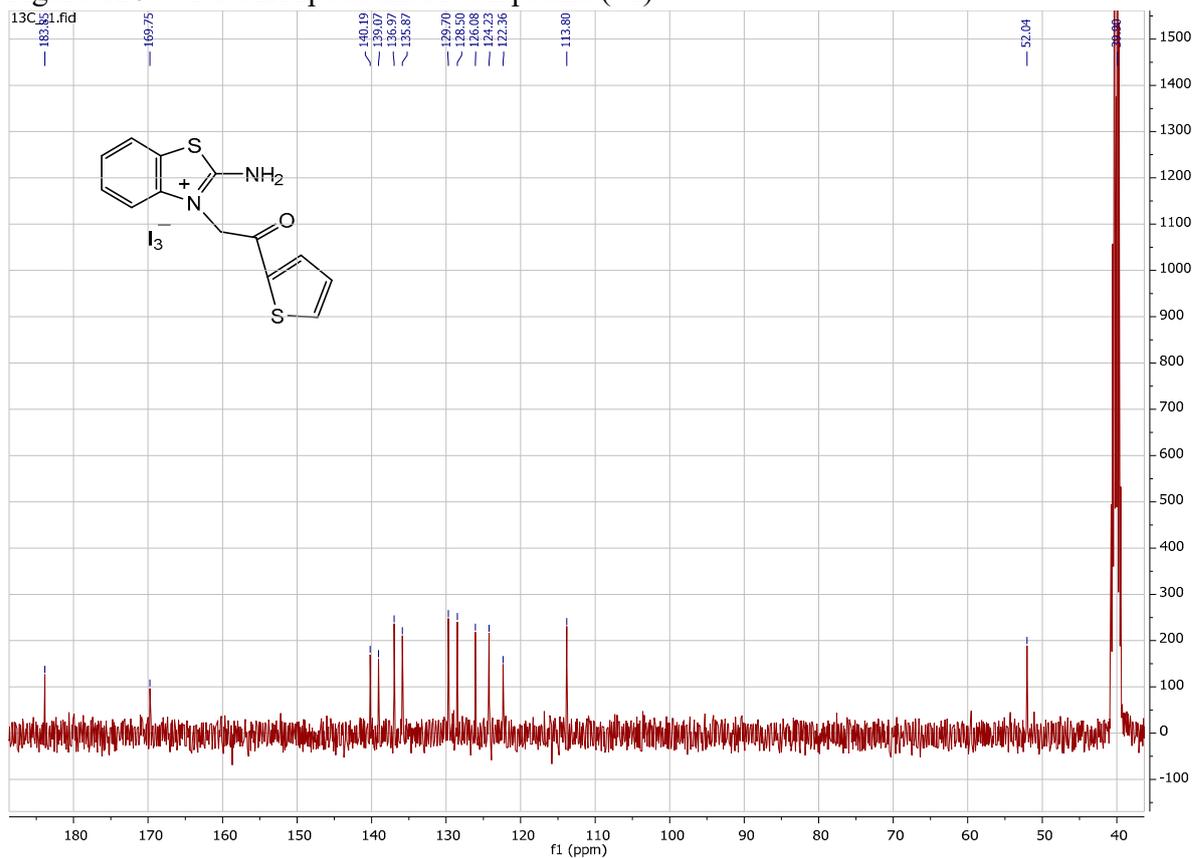


Figure S27. ^1H NMR spectrum of compound (4e).

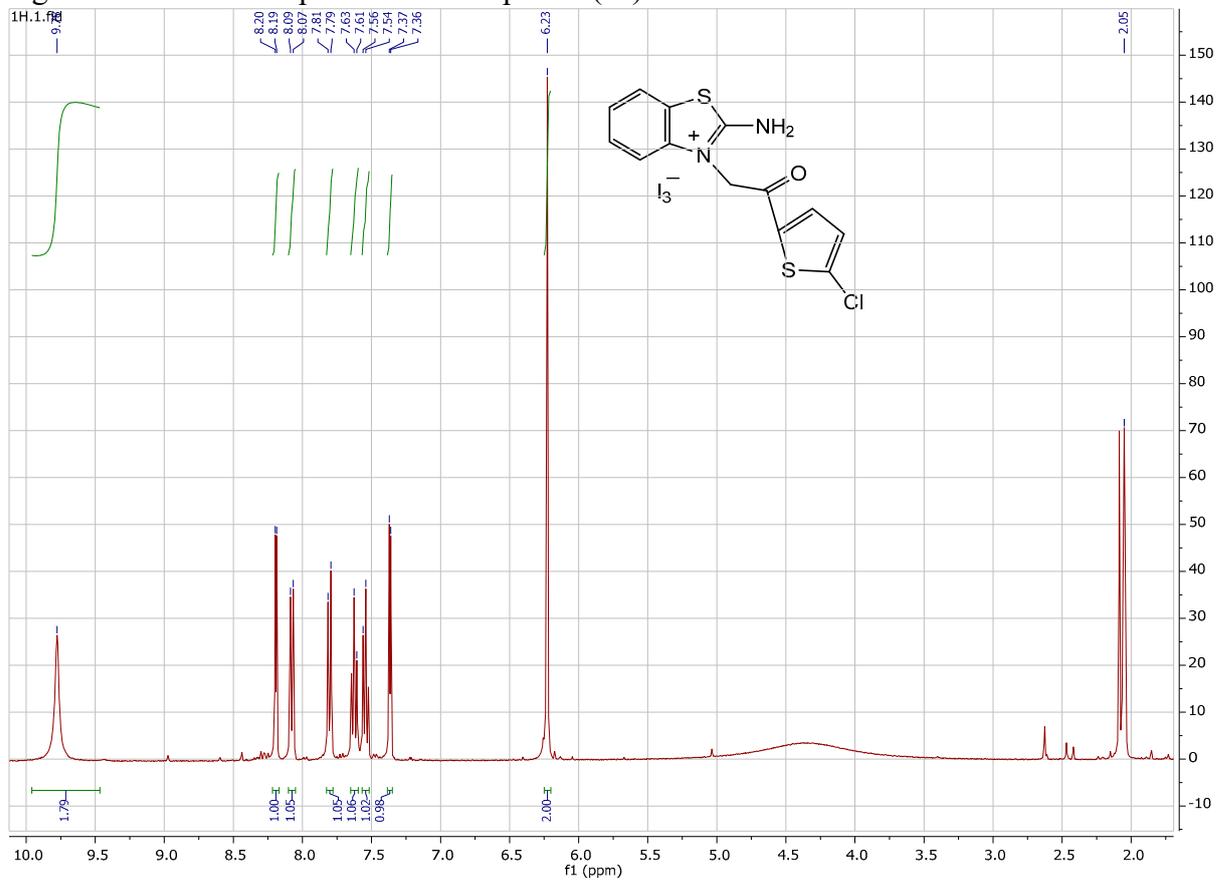


Figure S28. ^{13}C NMR spectrum of compound (4e).

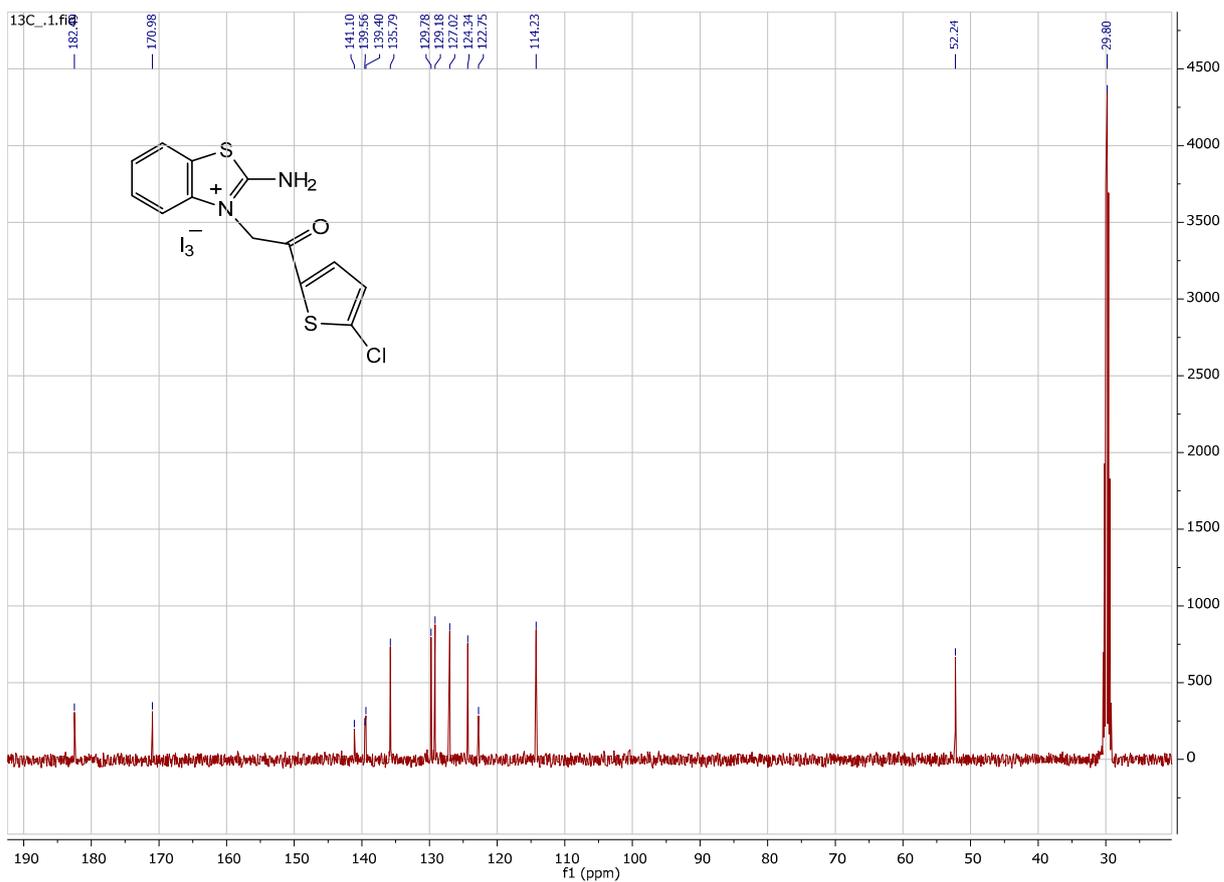


Figure S29. ¹H NMR spectrum of compound (6a).

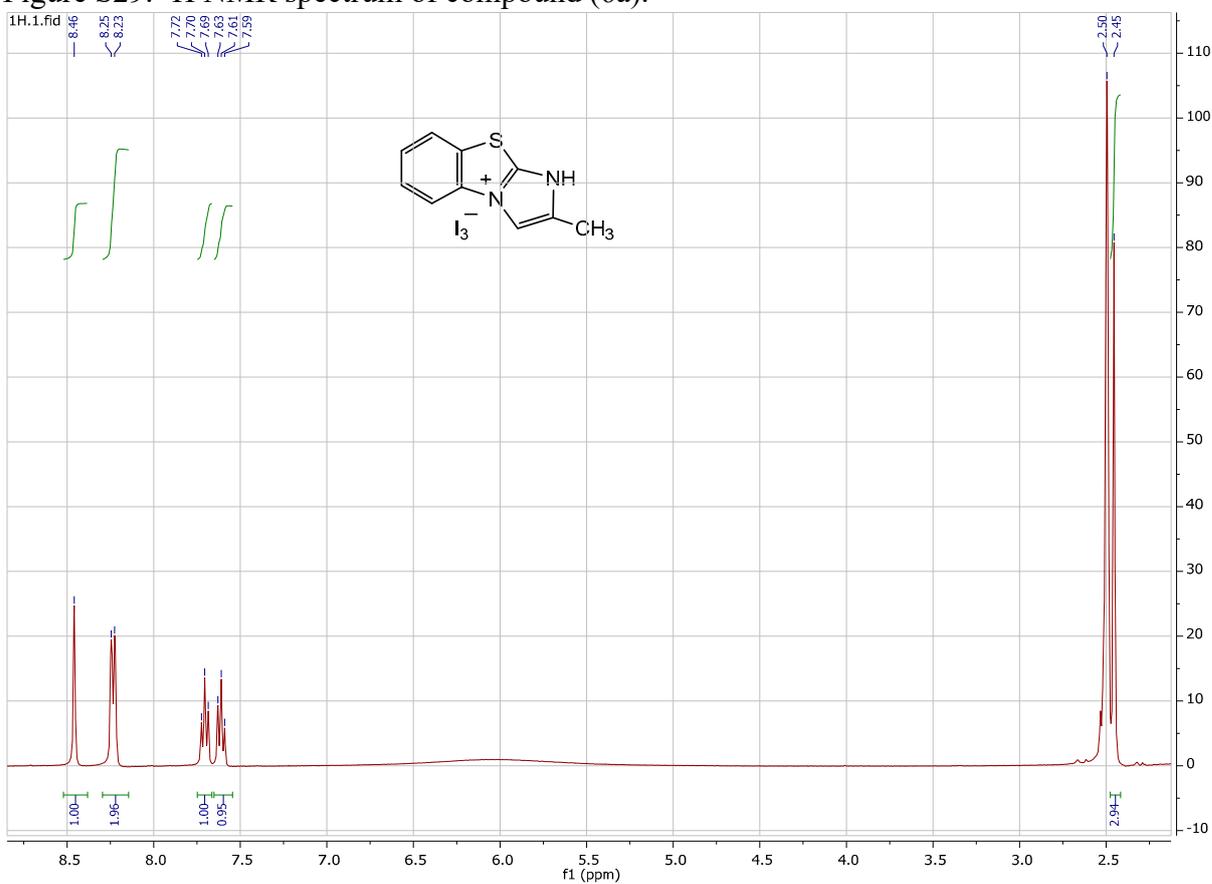


Figure S30. ¹³C NMR spectrum of compound (6a).

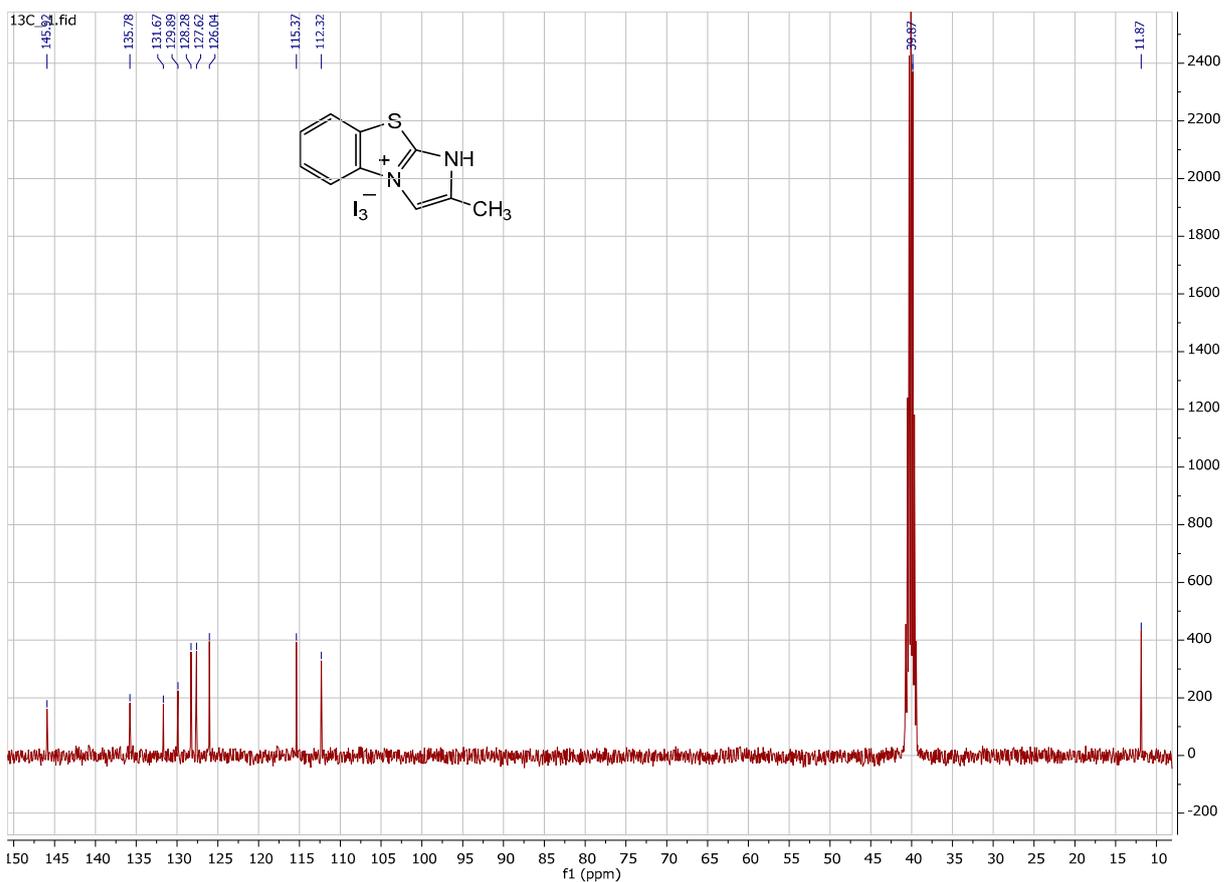


Figure S31. ¹H NMR spectrum of compound (6b).

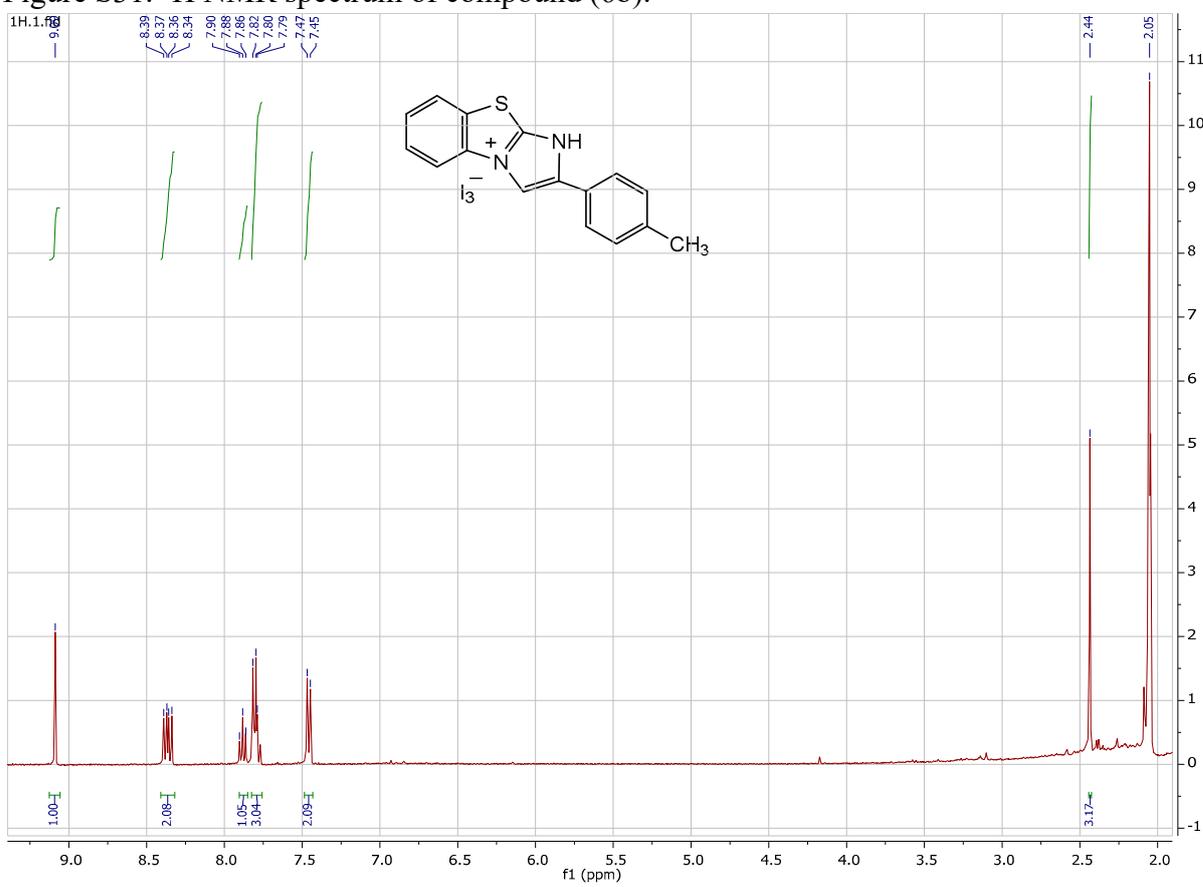


Figure S32. ¹³C NMR spectrum of compound (6b).

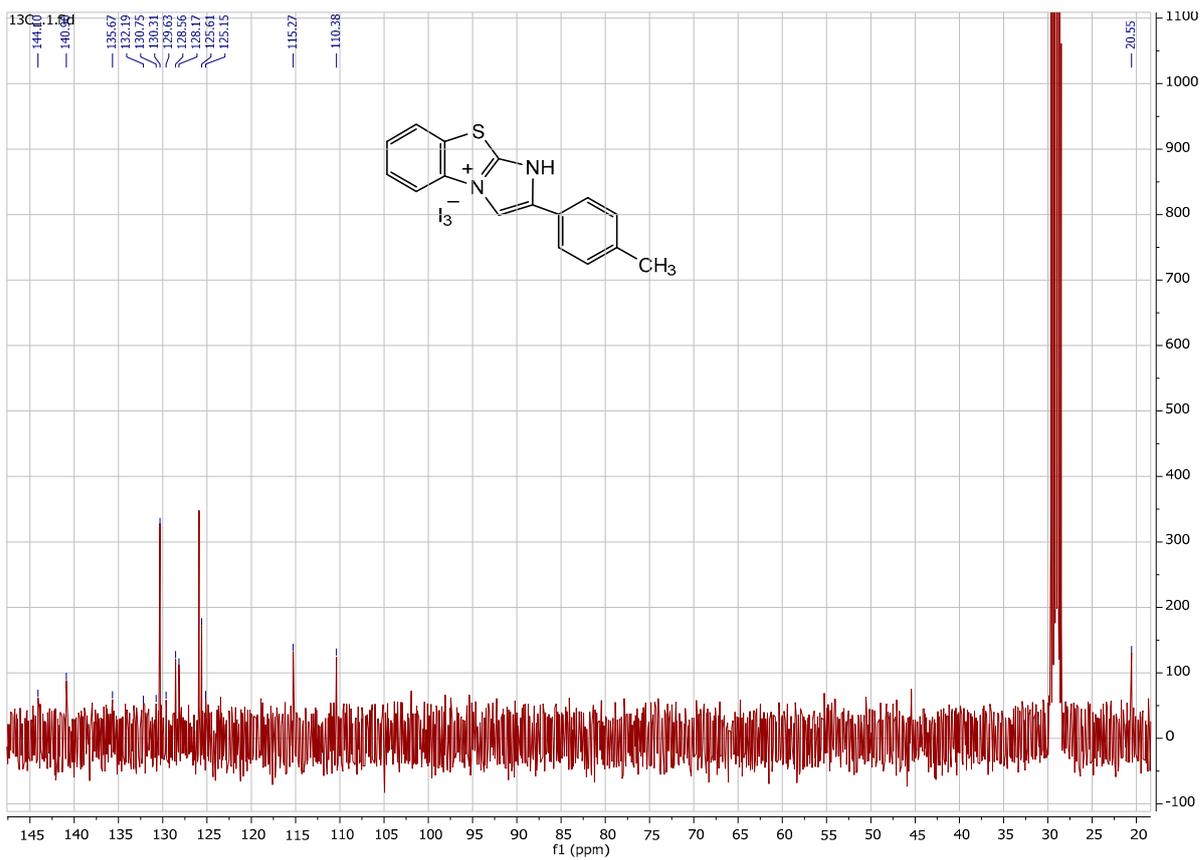


Figure S33. ¹H NMR spectrum of compound (6c).

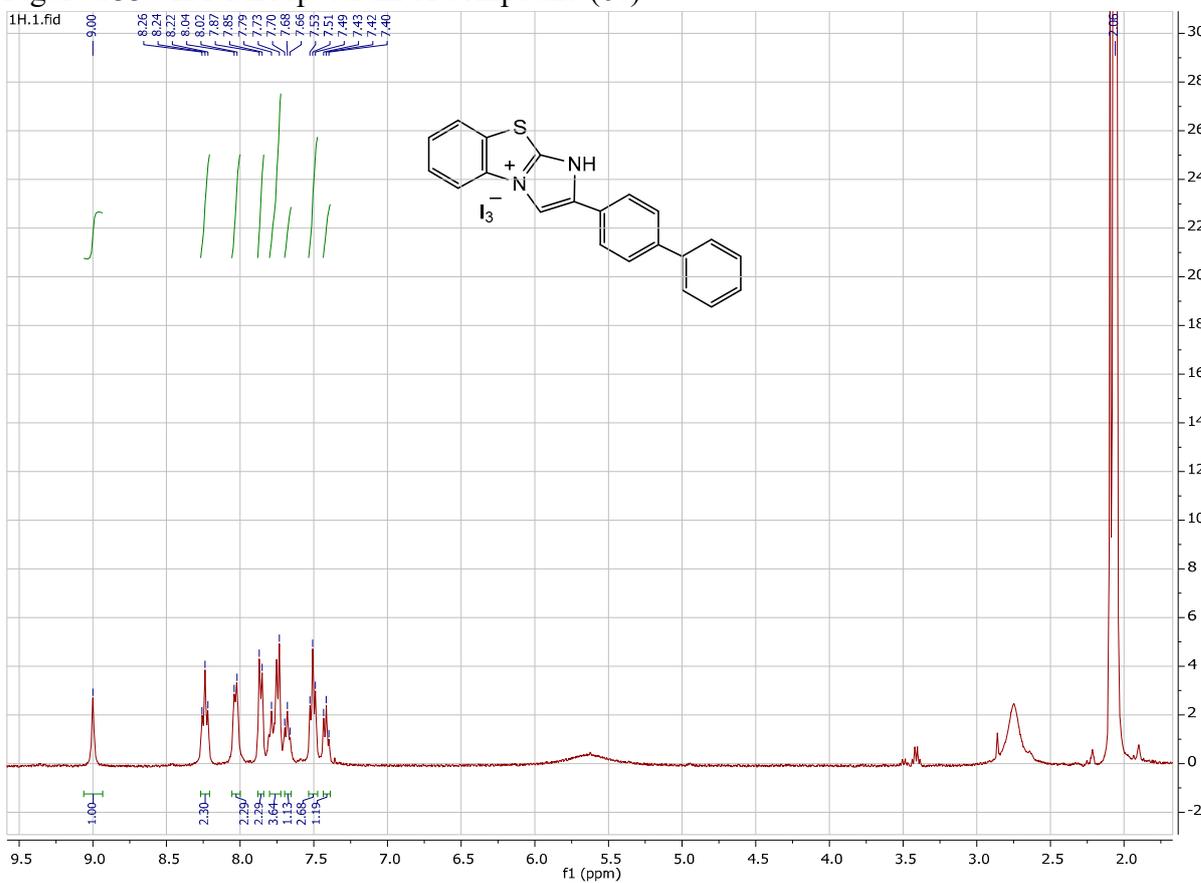


Figure S34. ¹³C NMR spectrum of compound (6c).

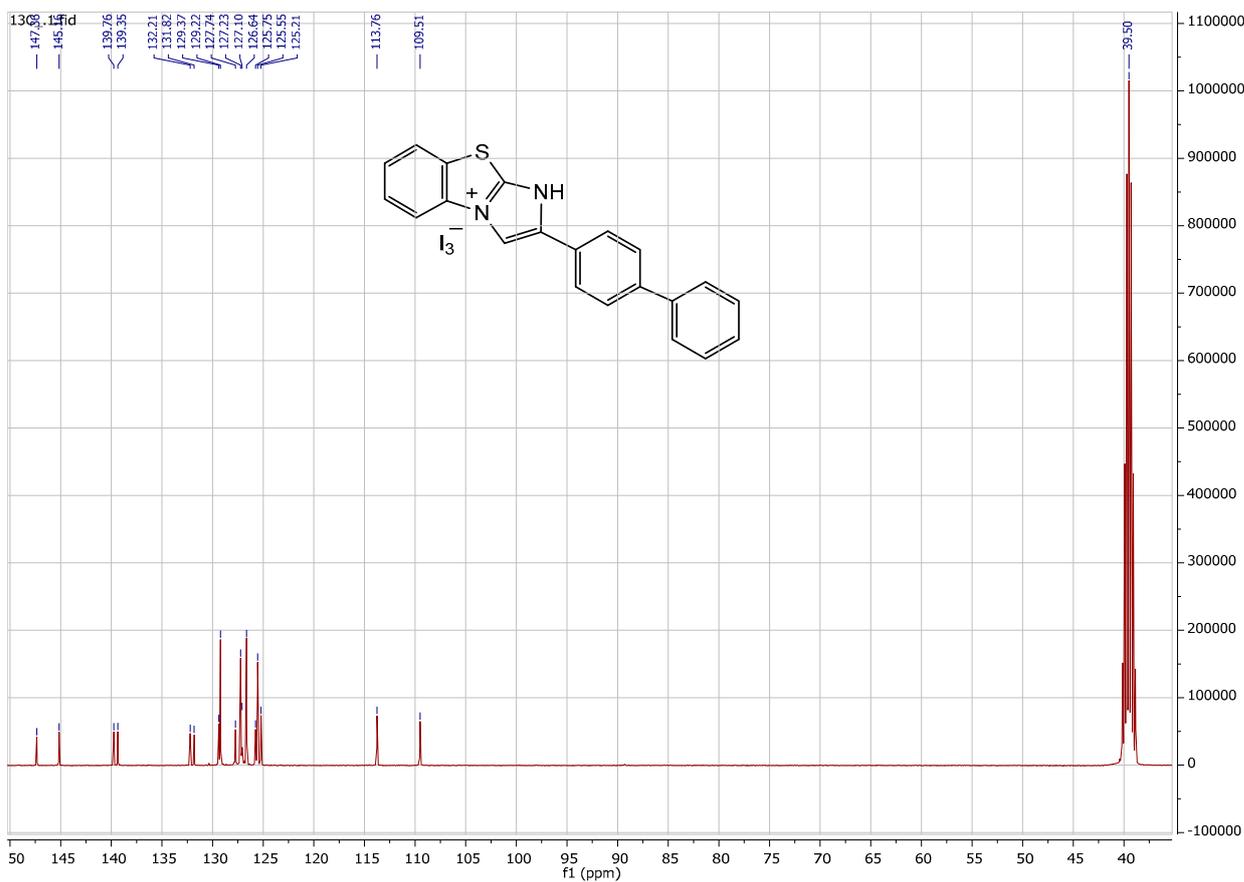


Figure S35. ¹H NMR spectrum of compound (6d).

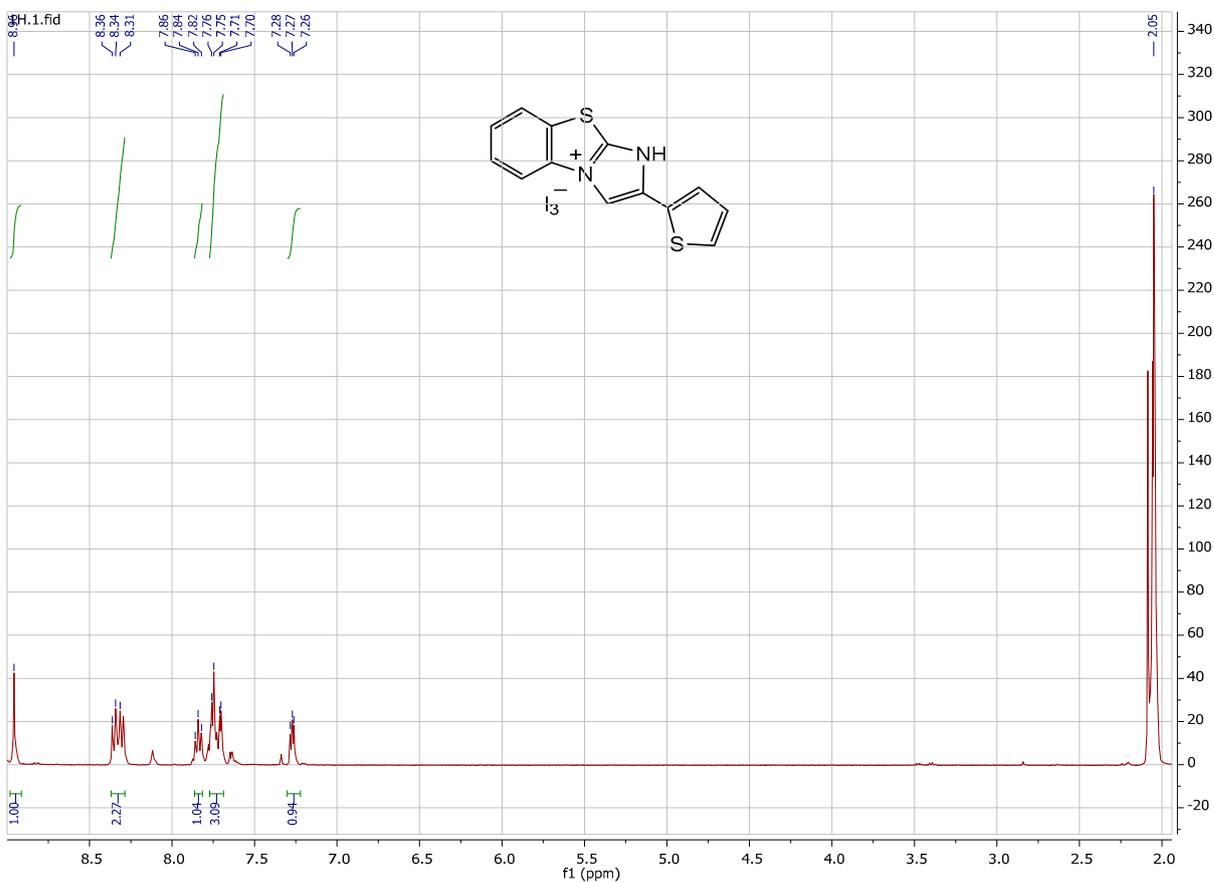


Figure S36. ¹³C NMR spectrum of compound (6d).

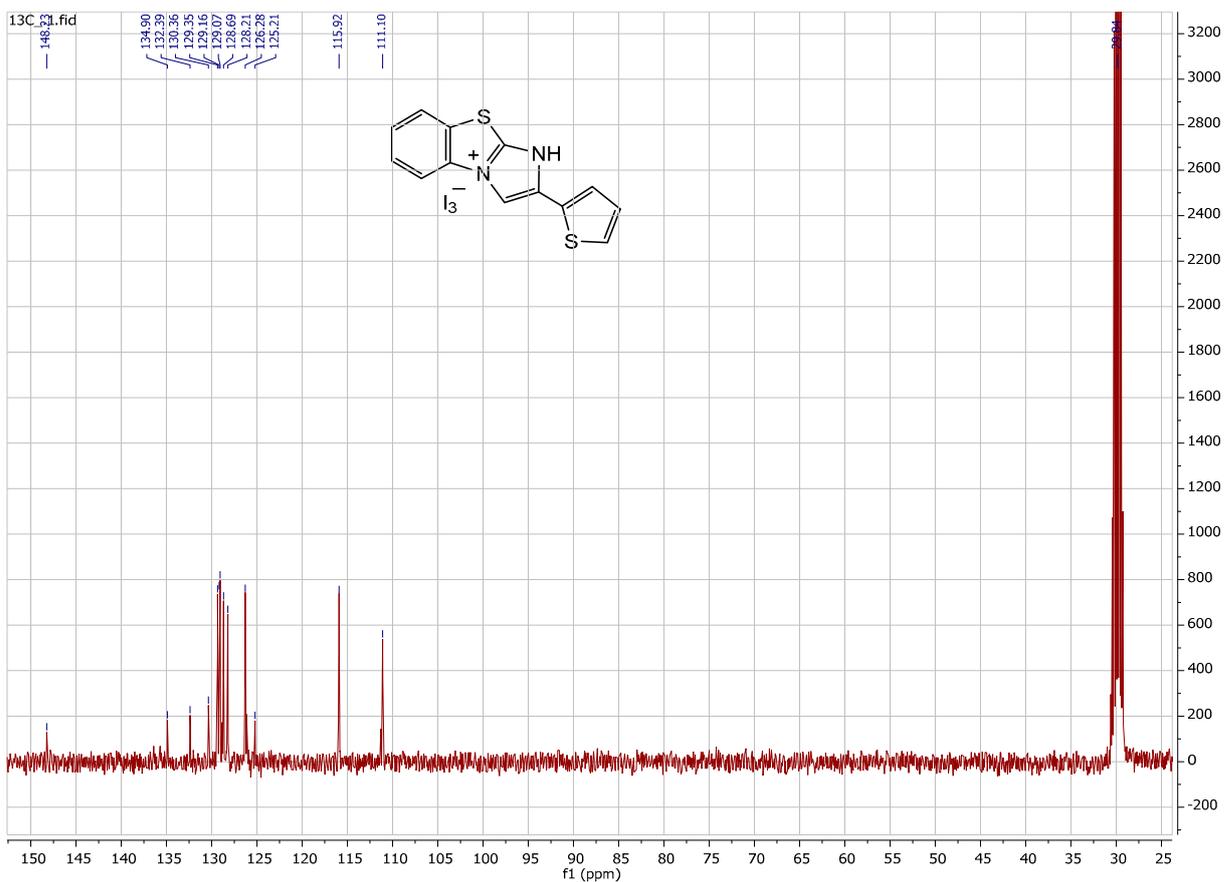


Figure S37. ¹H NMR spectrum of compound (6e).

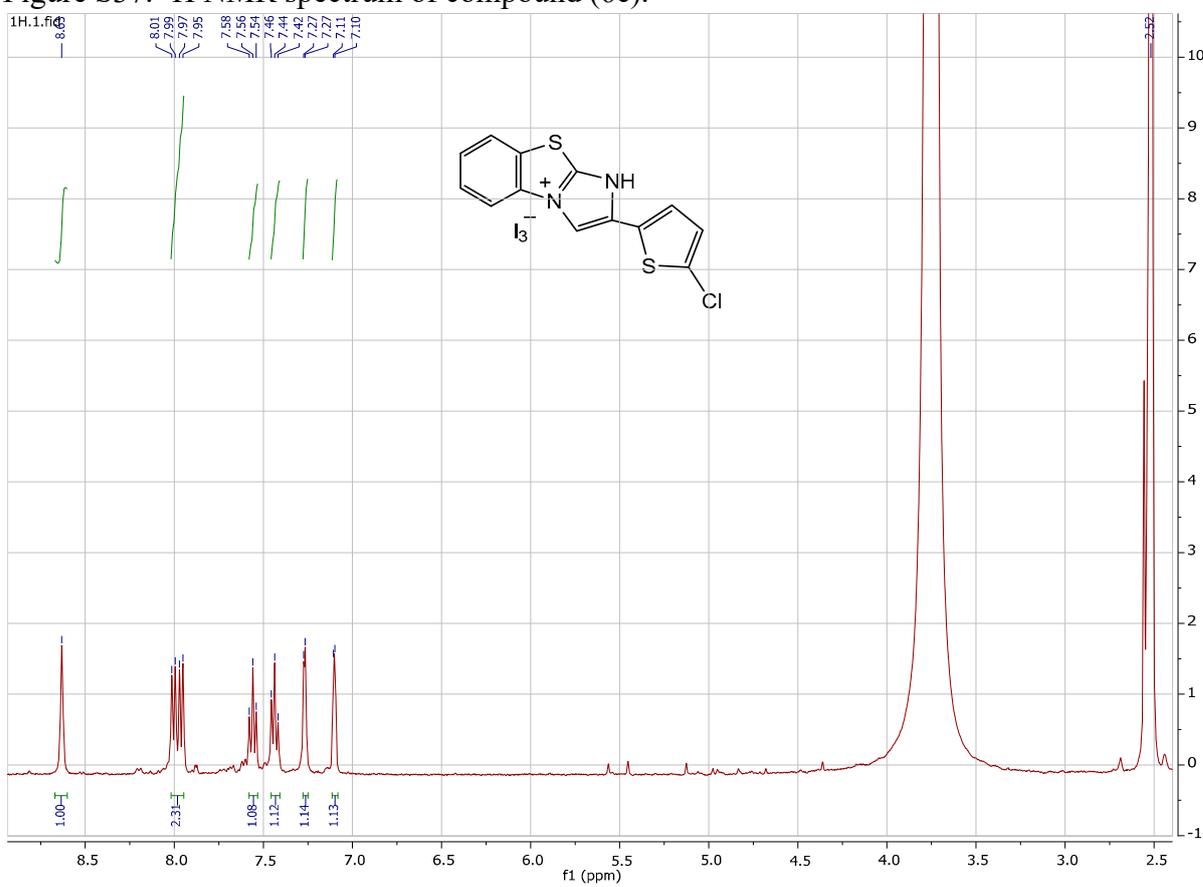


Figure S38. ¹³C NMR spectrum of compound (6e).

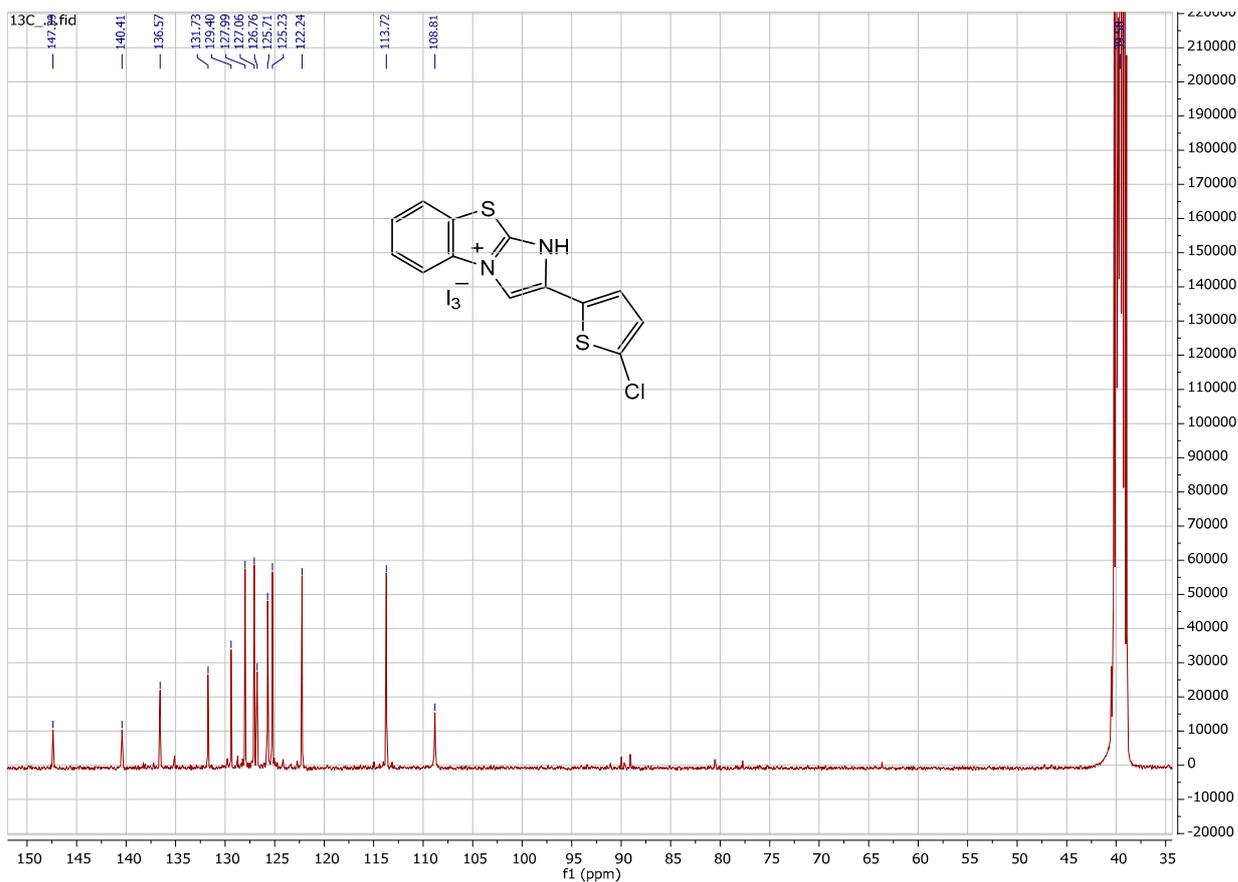


Figure S39. ¹H NMR spectrum of compound (6f).

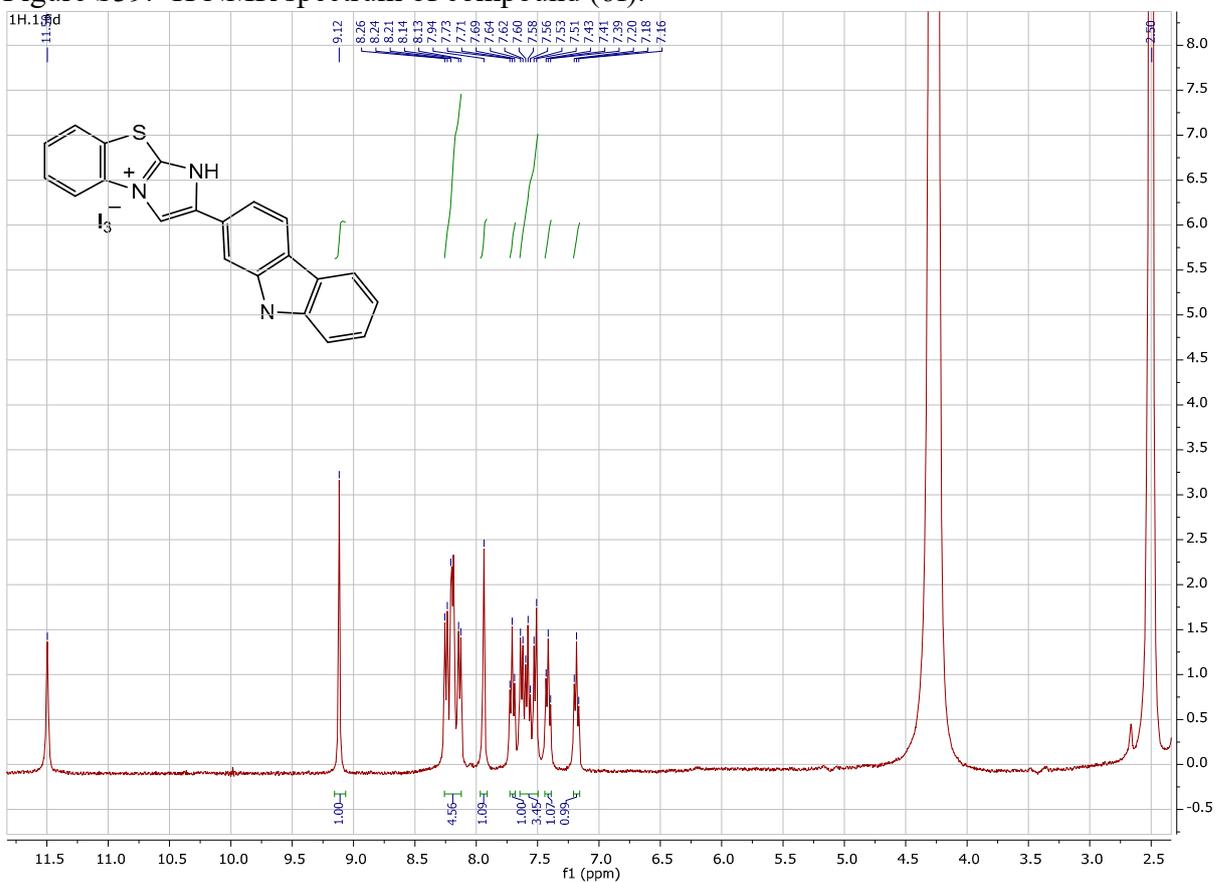


Figure S40. ¹³C NMR spectrum of compound (6f).

