

**Optional Synthesis of 2- or 5-Substituted 3-Bromopyrroles *via* Bromine-Lithium
Exchange of *N*-Benzenesulfonyl-2,4-dibromopyrrole**

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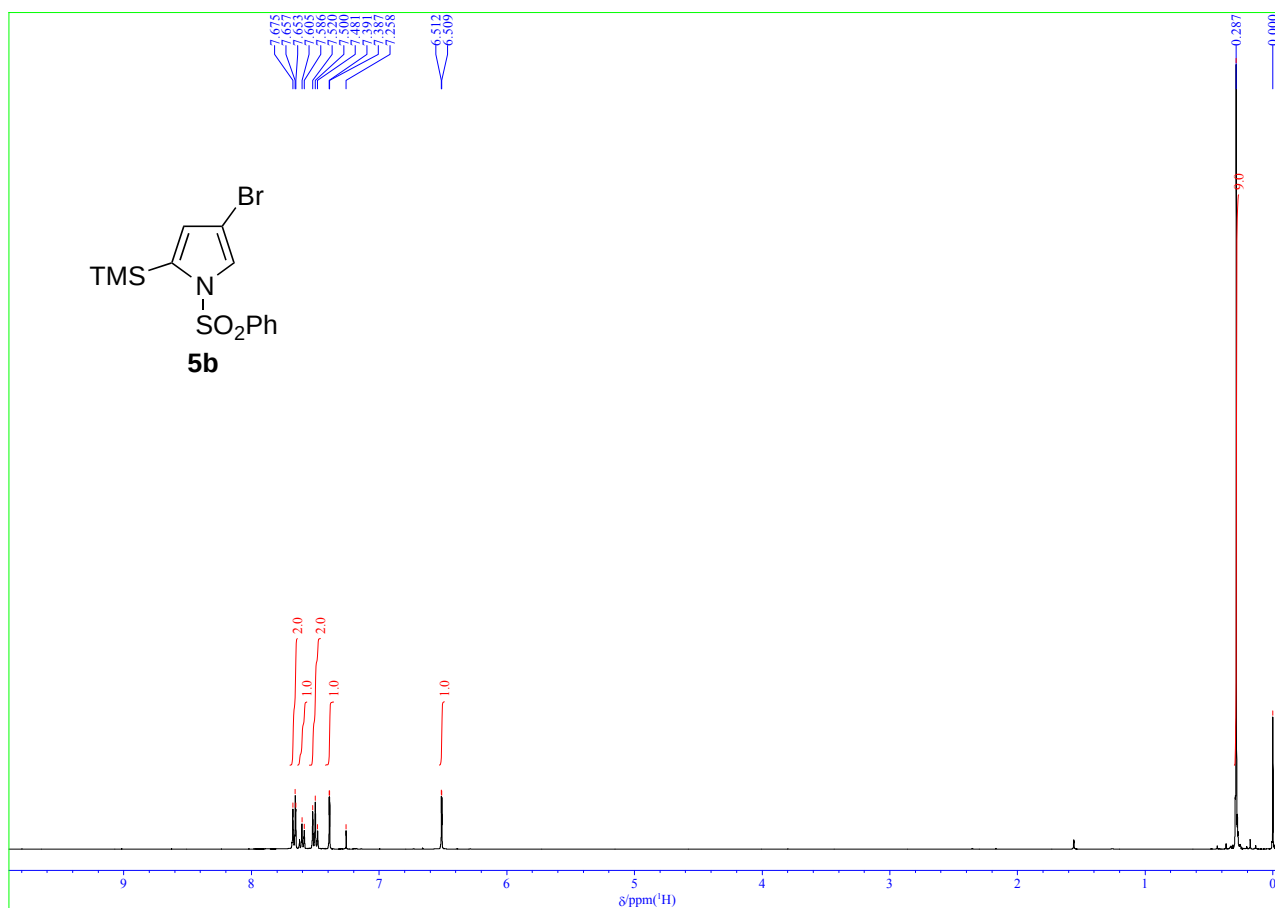


Figure S1. ¹H NMR spectrum of compound (**5b**) (400 MHz, CDCl₃).

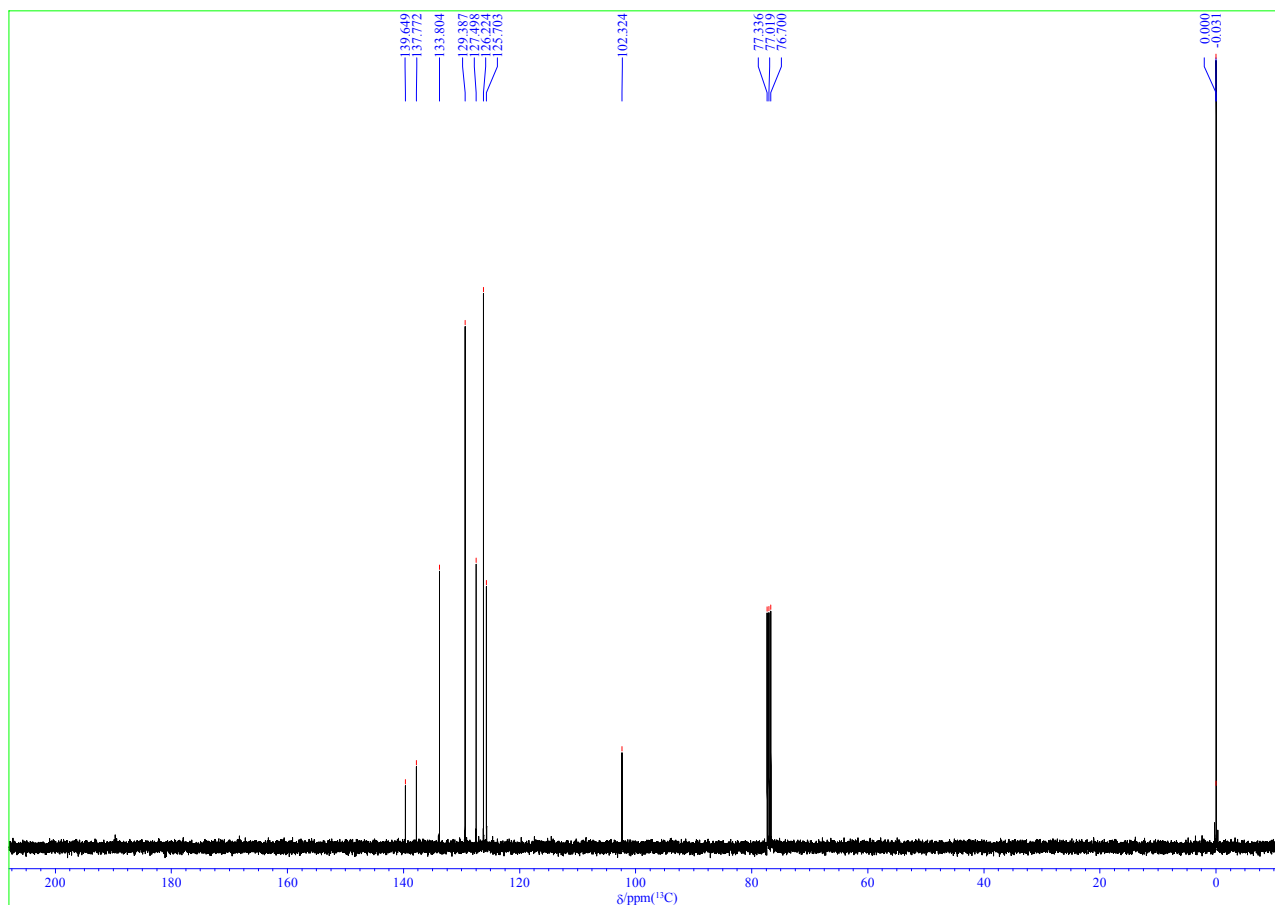


Figure S2. ¹³C NMR spectrum of compound (**5b**) (100 MHz, CDCl₃).

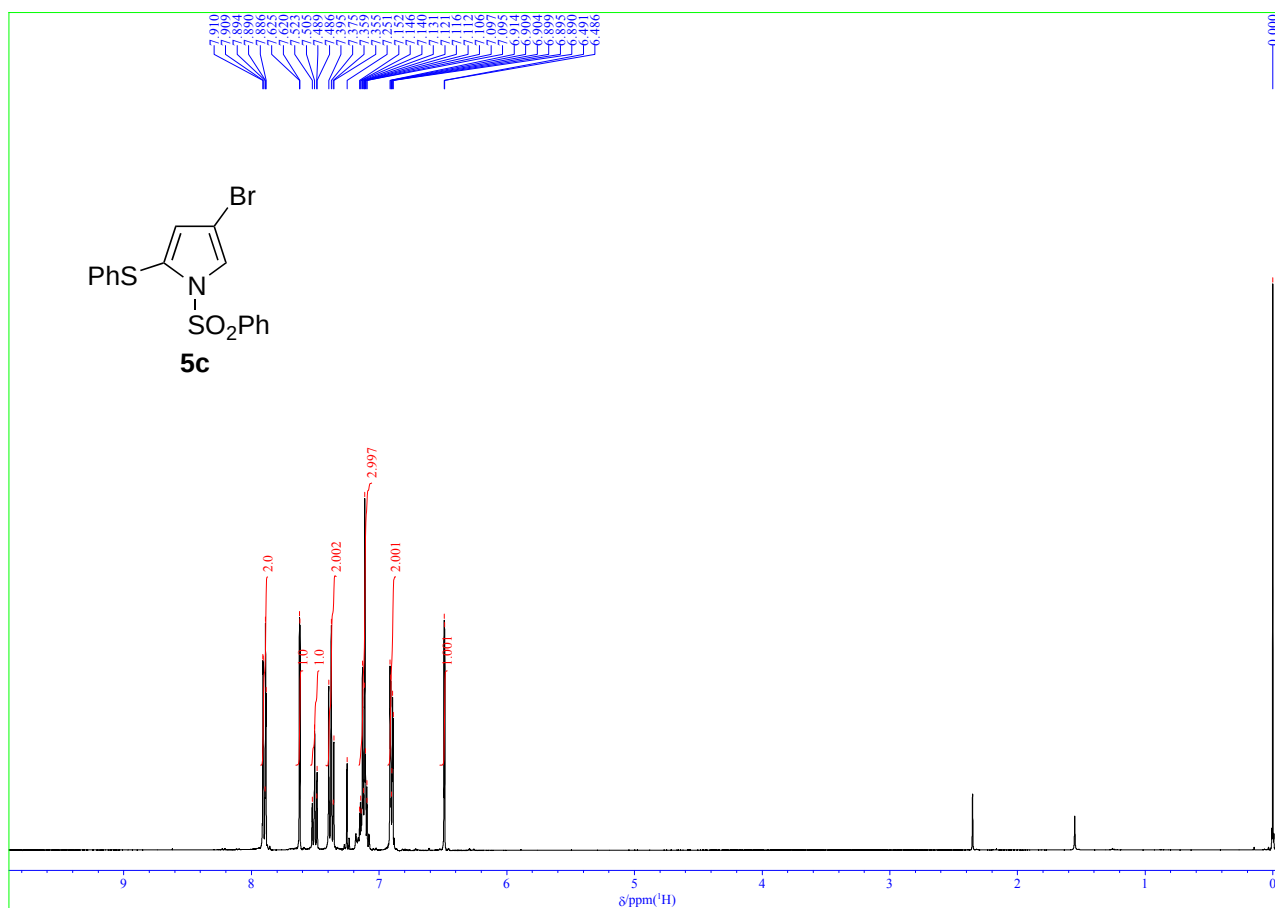


Figure S3. ¹H NMR spectrum of compound (**5c**) (400 MHz, CDCl₃).

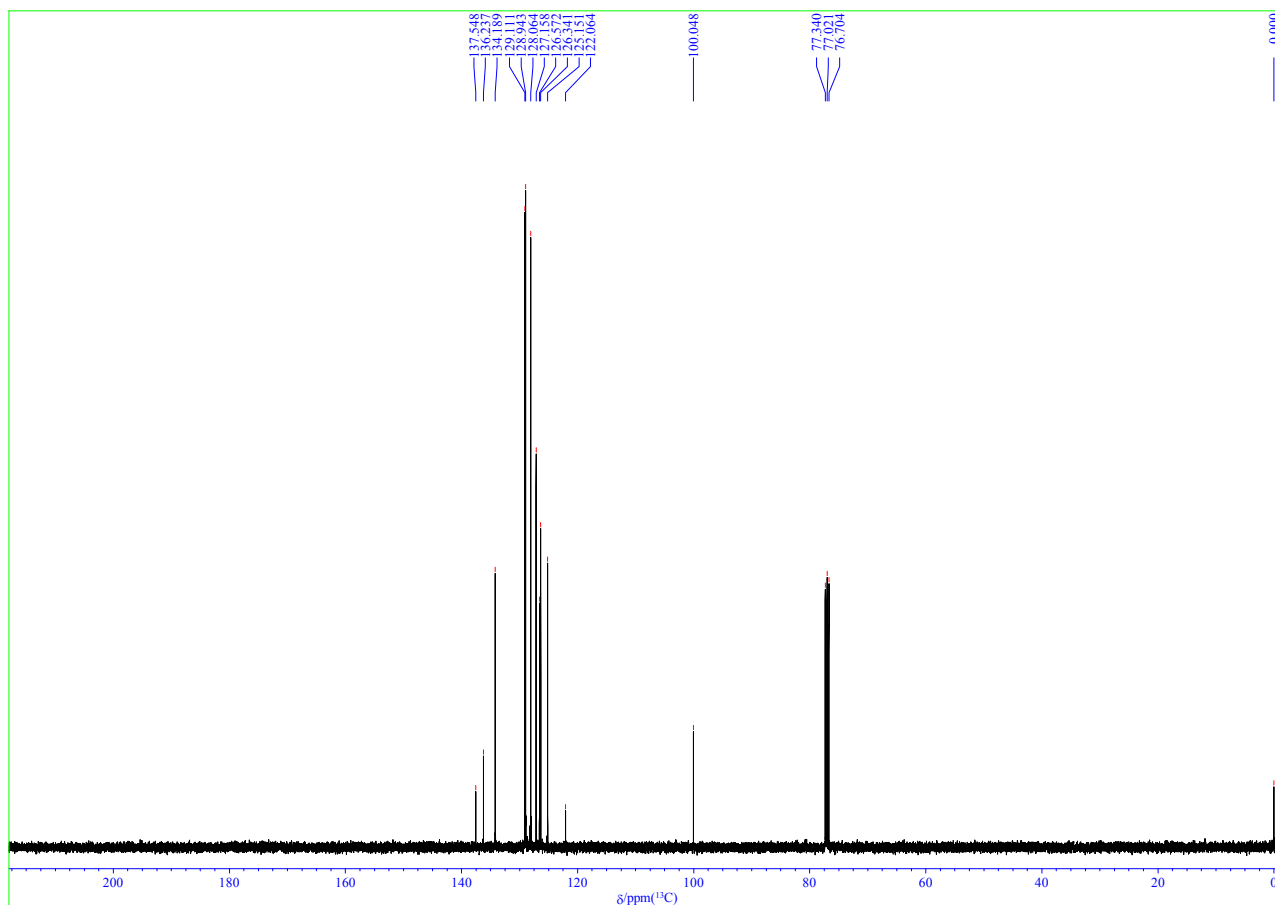


Figure S4. ¹³C NMR spectrum of compound (**5c**) (100 MHz, CDCl₃).

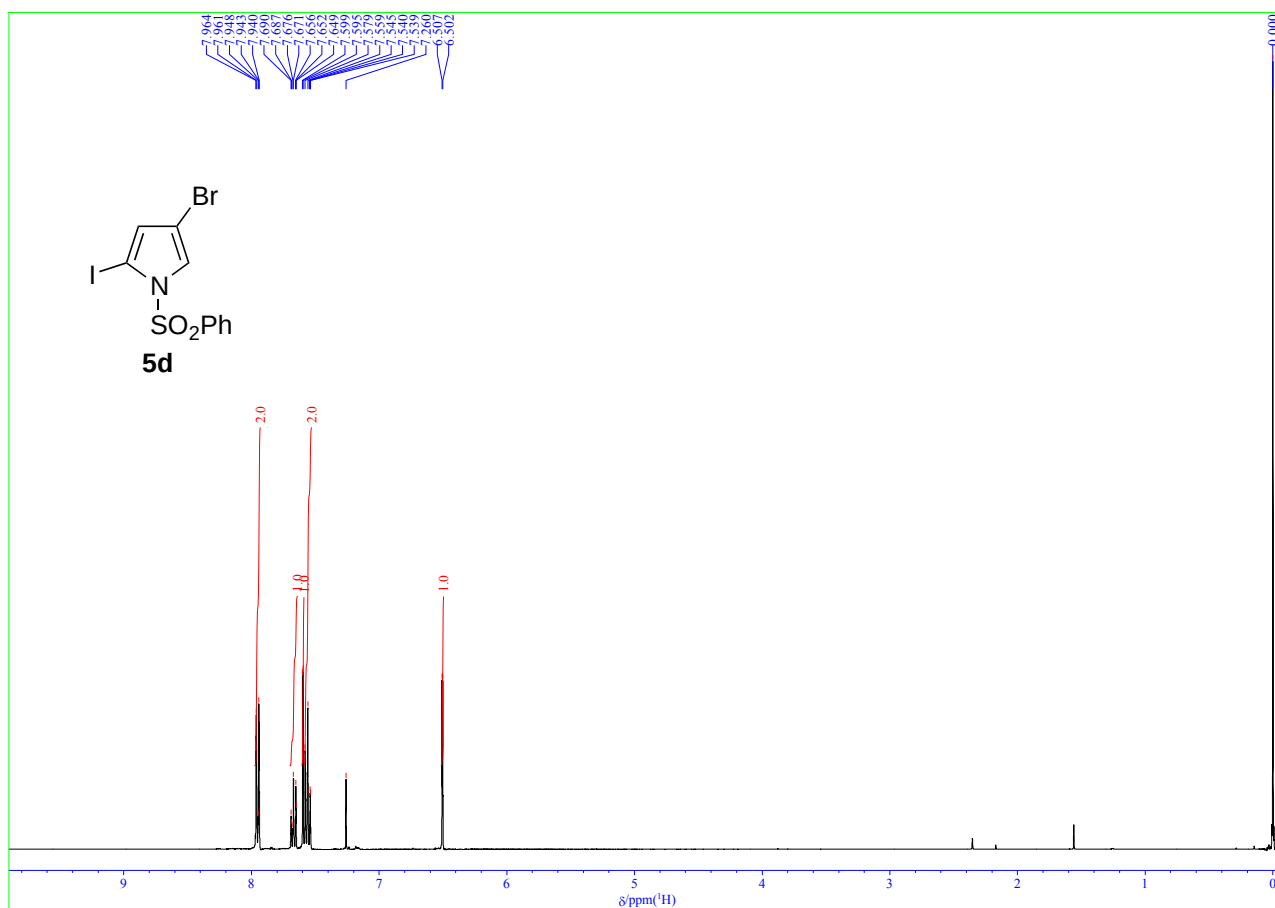


Figure S5. ¹H NMR spectrum of compound (**5d**) (400 MHz, CDCl₃).

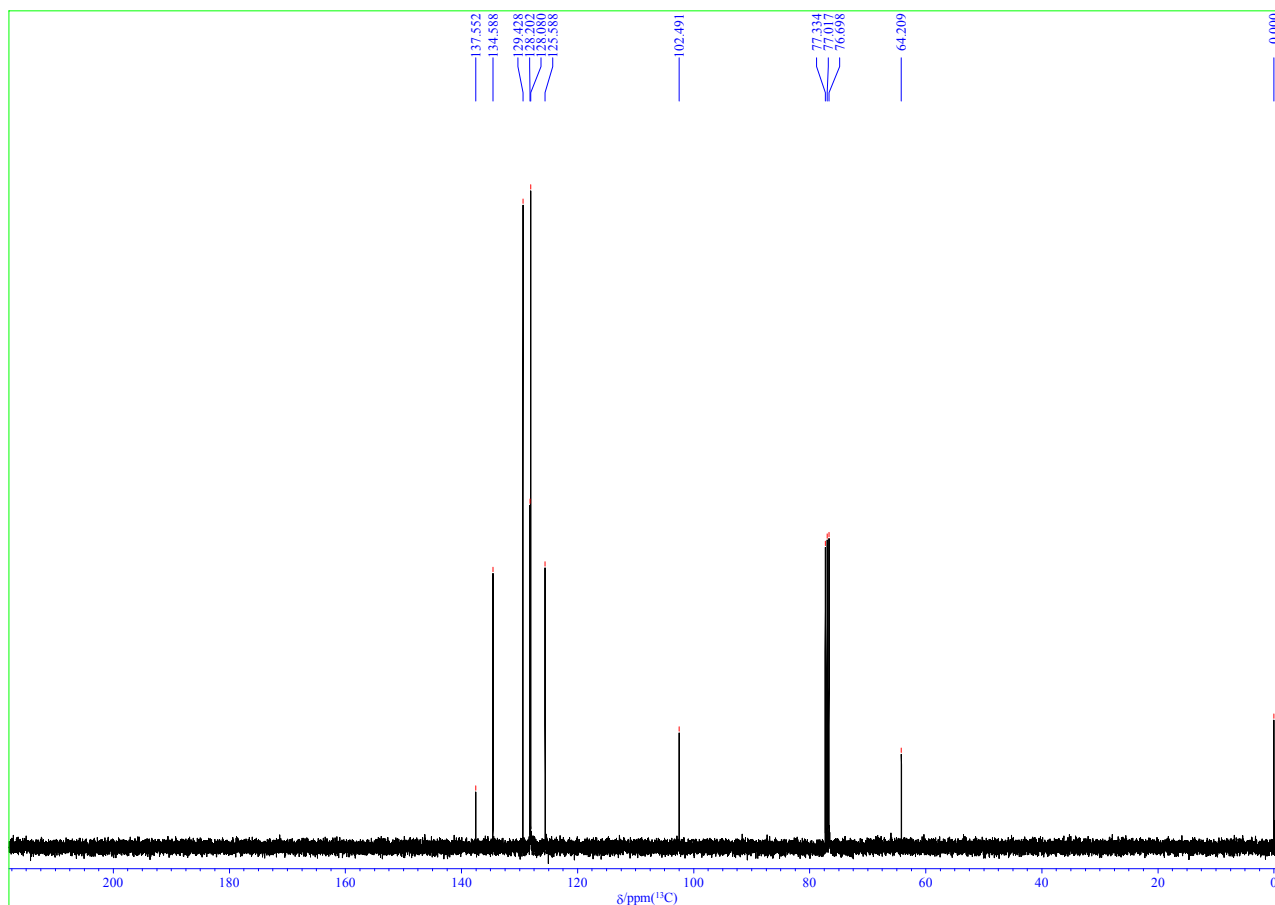


Figure S6. ¹³C NMR spectrum of compound (**5d**) (100 MHz, CDCl₃).

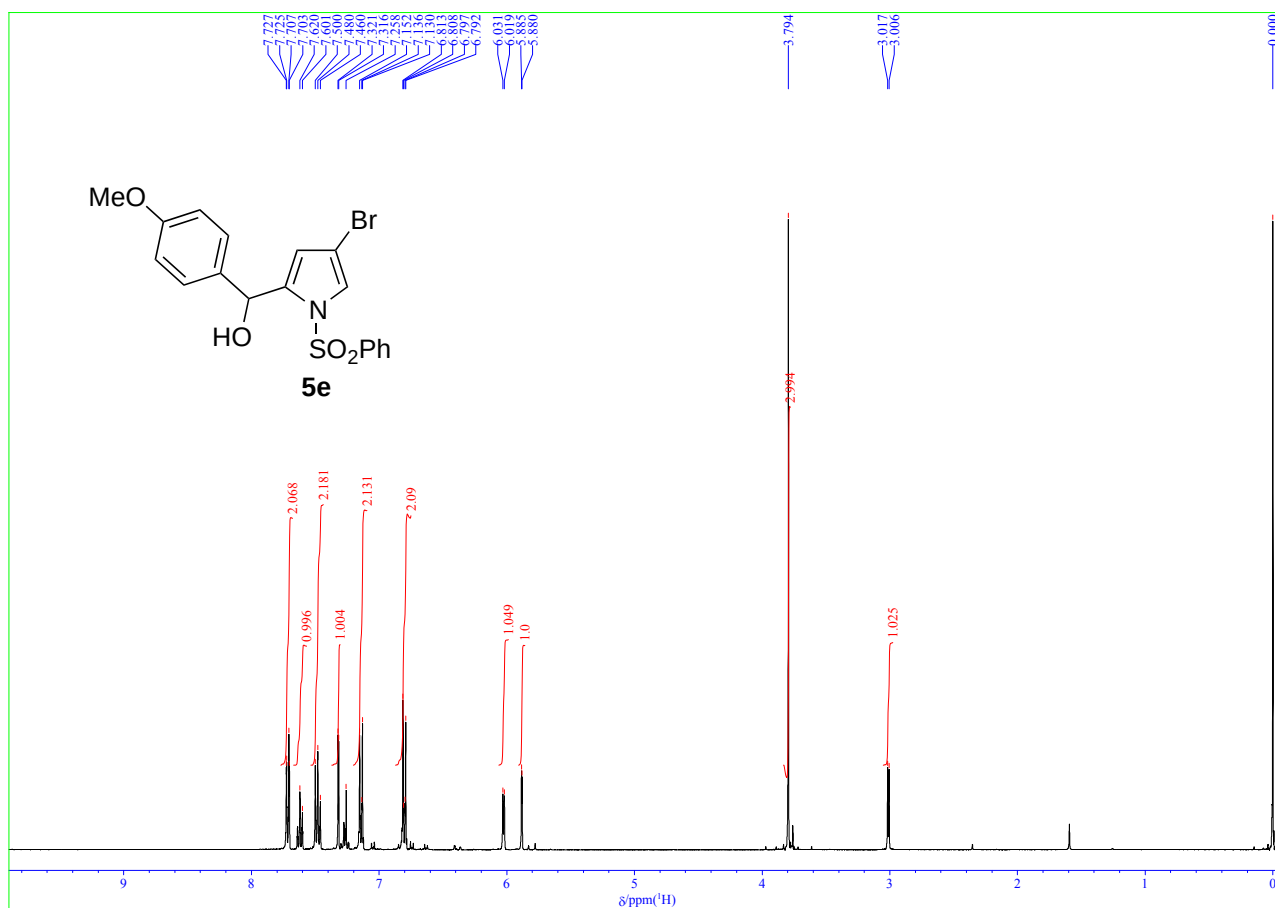


Figure S7. ¹H NMR spectrum of compound (**5e**) (400 MHz, CDCl₃).

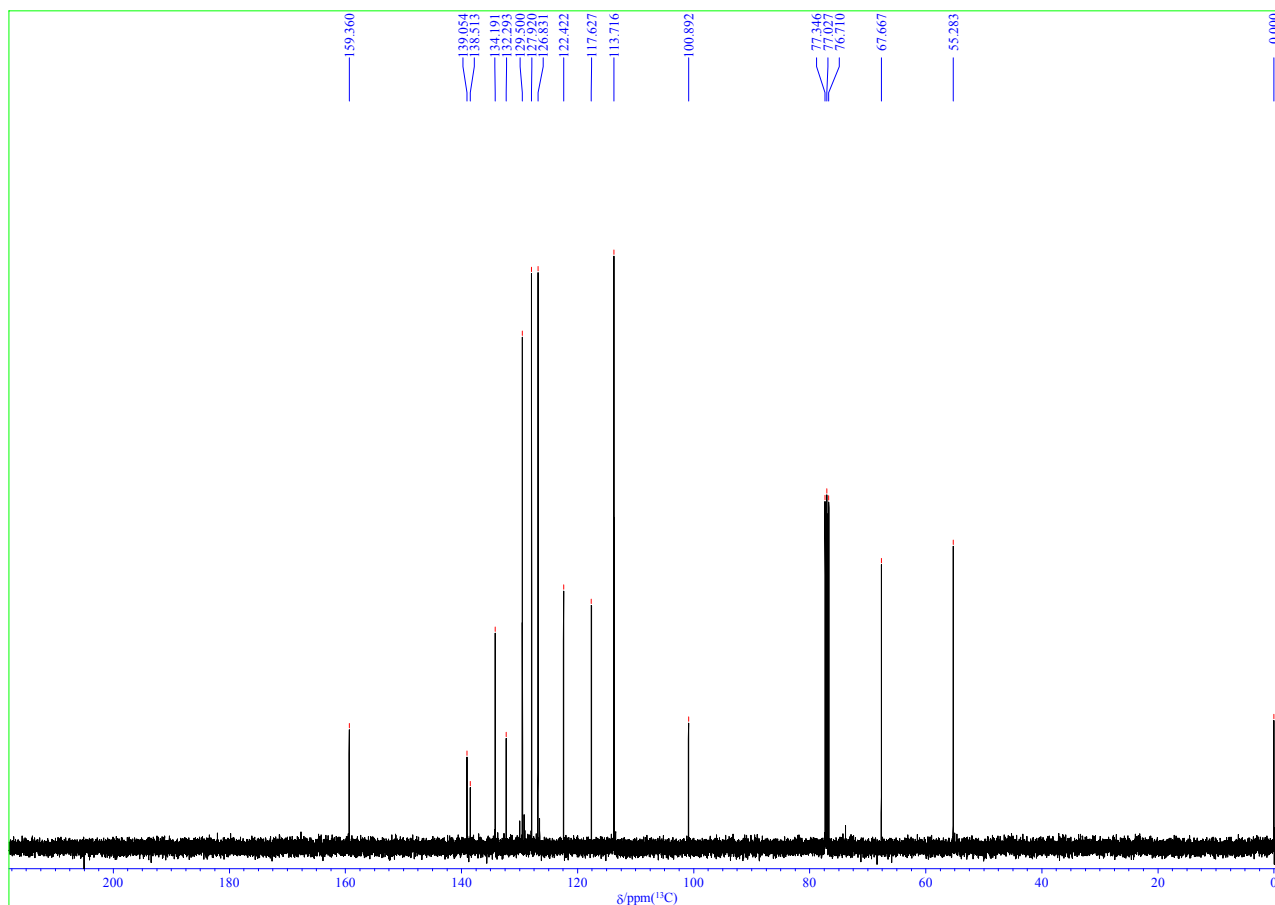


Figure S8. ¹³C NMR spectrum of compound (**5e**) (100 MHz, CDCl₃).

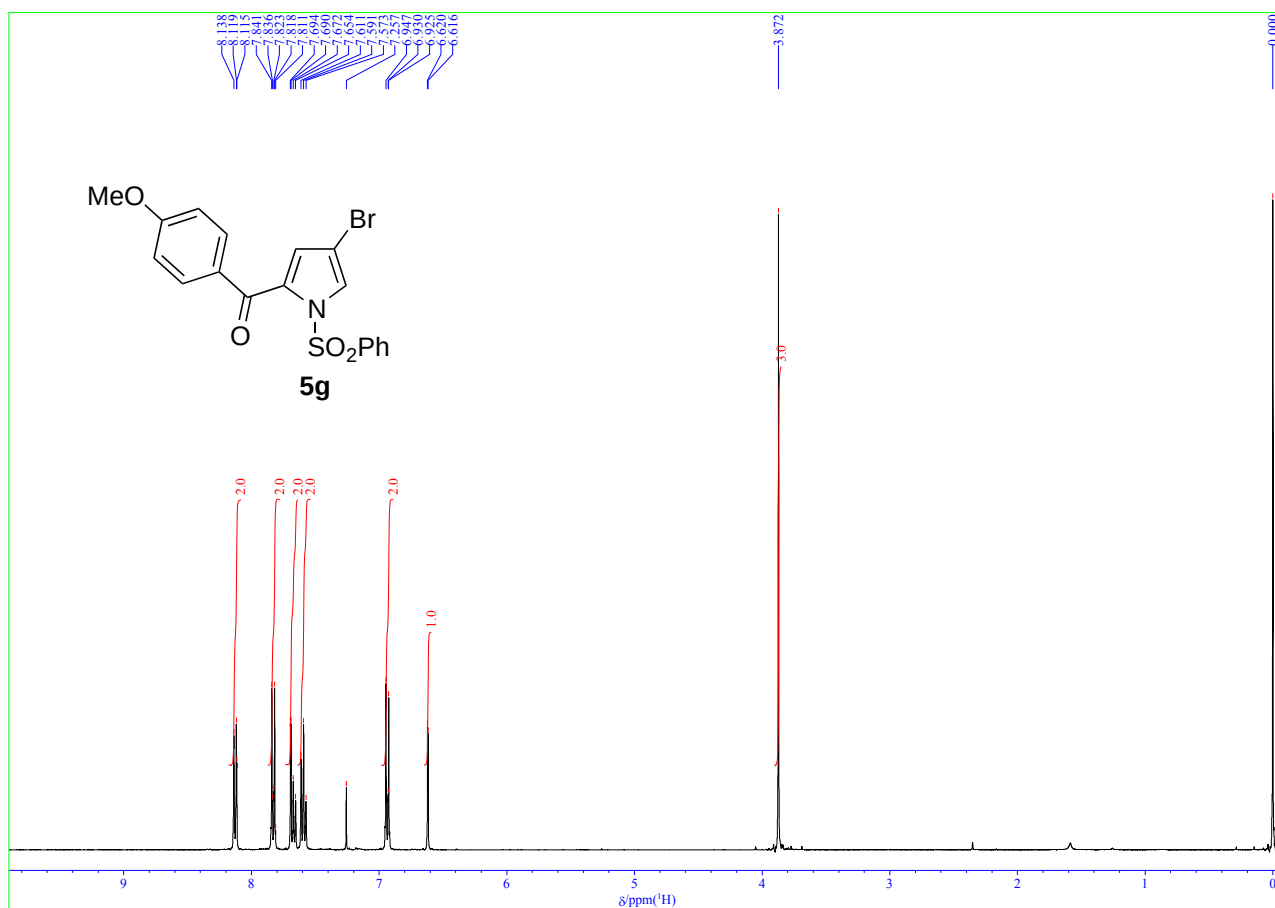


Figure S9. ¹H NMR spectrum of compound (**5g**) (400 MHz, CDCl₃).

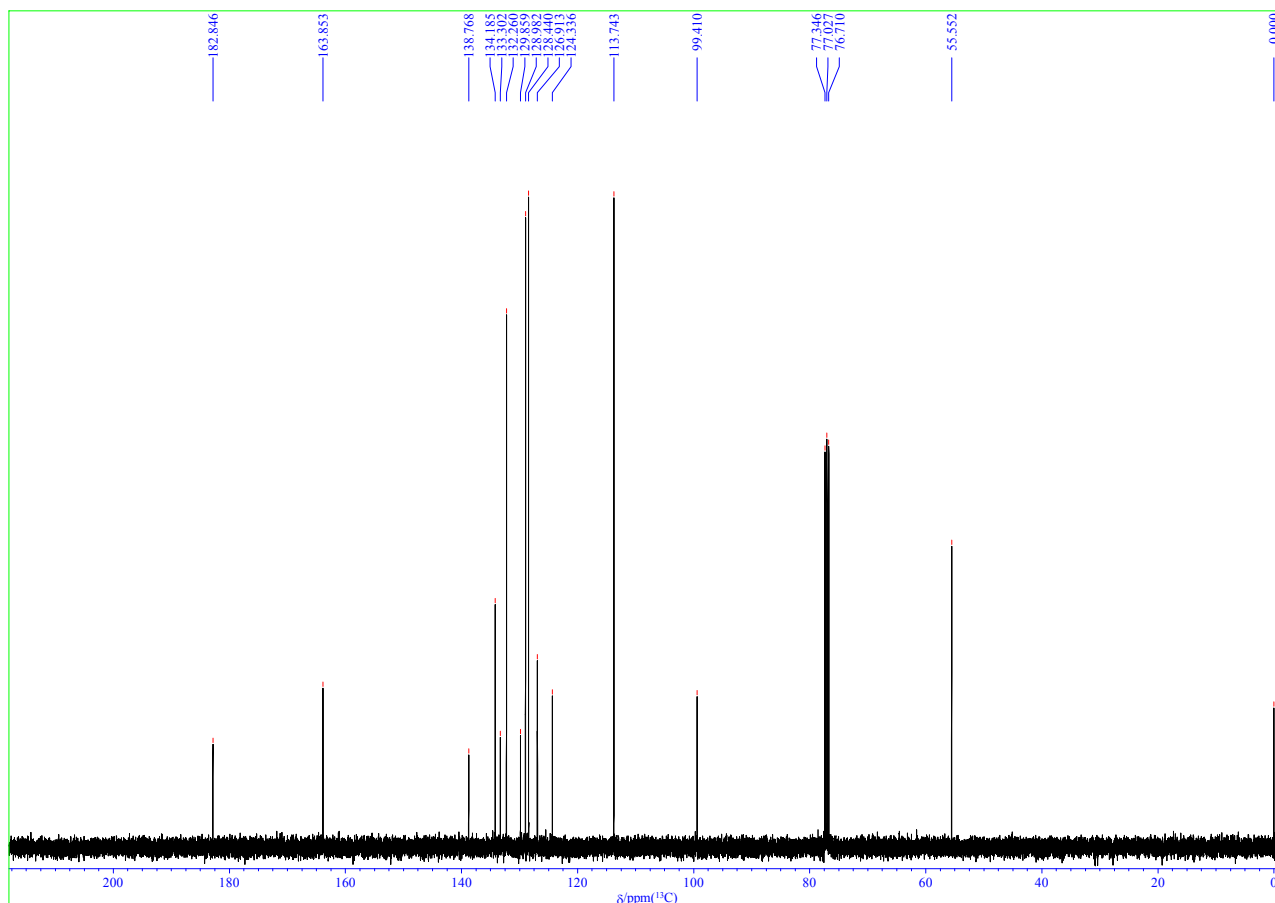


Figure S10. ¹³C NMR spectrum of compound (**5g**) (100 MHz, CDCl₃).

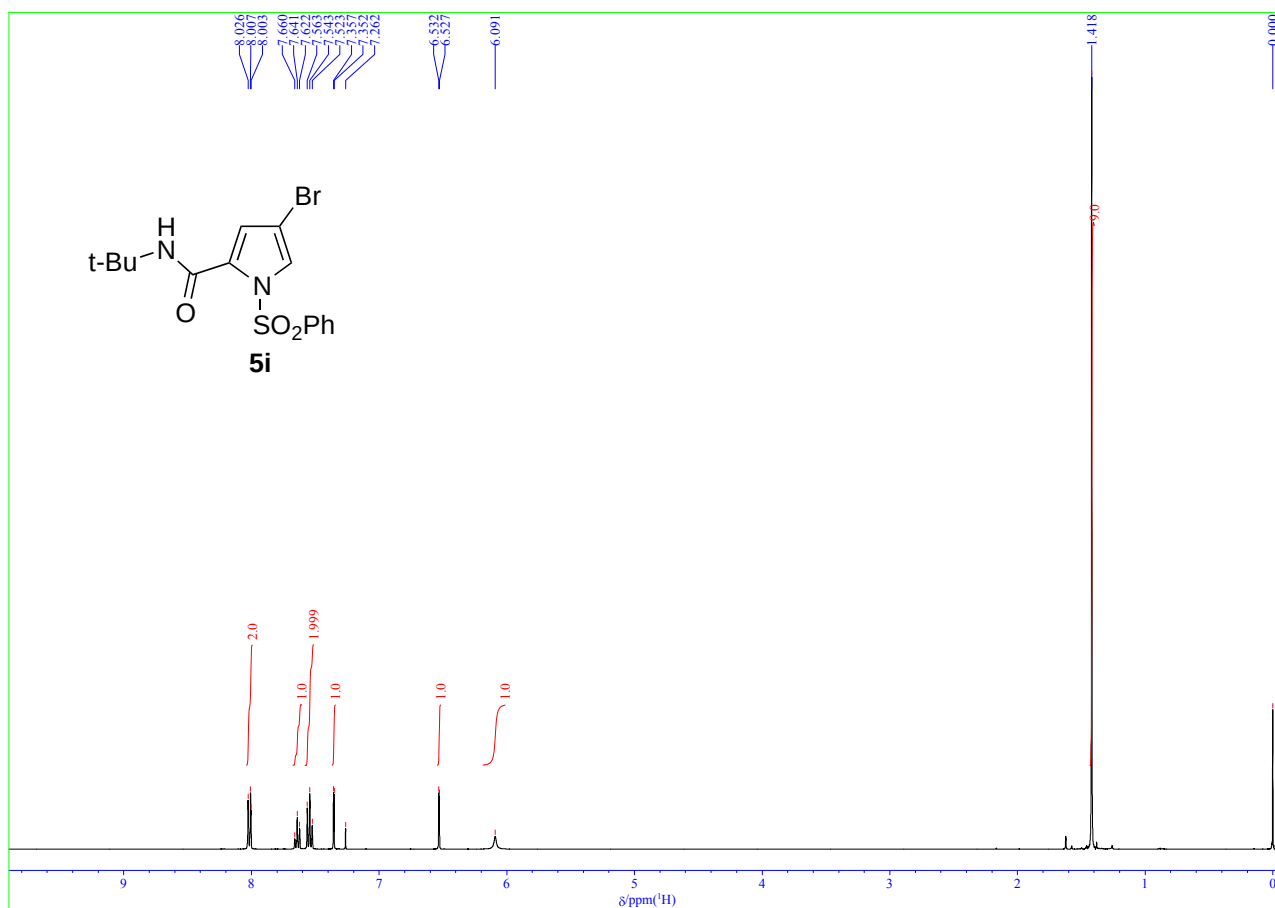


Figure S11. ¹H NMR spectrum of compound (**5i**) (400 MHz, CDCl₃).

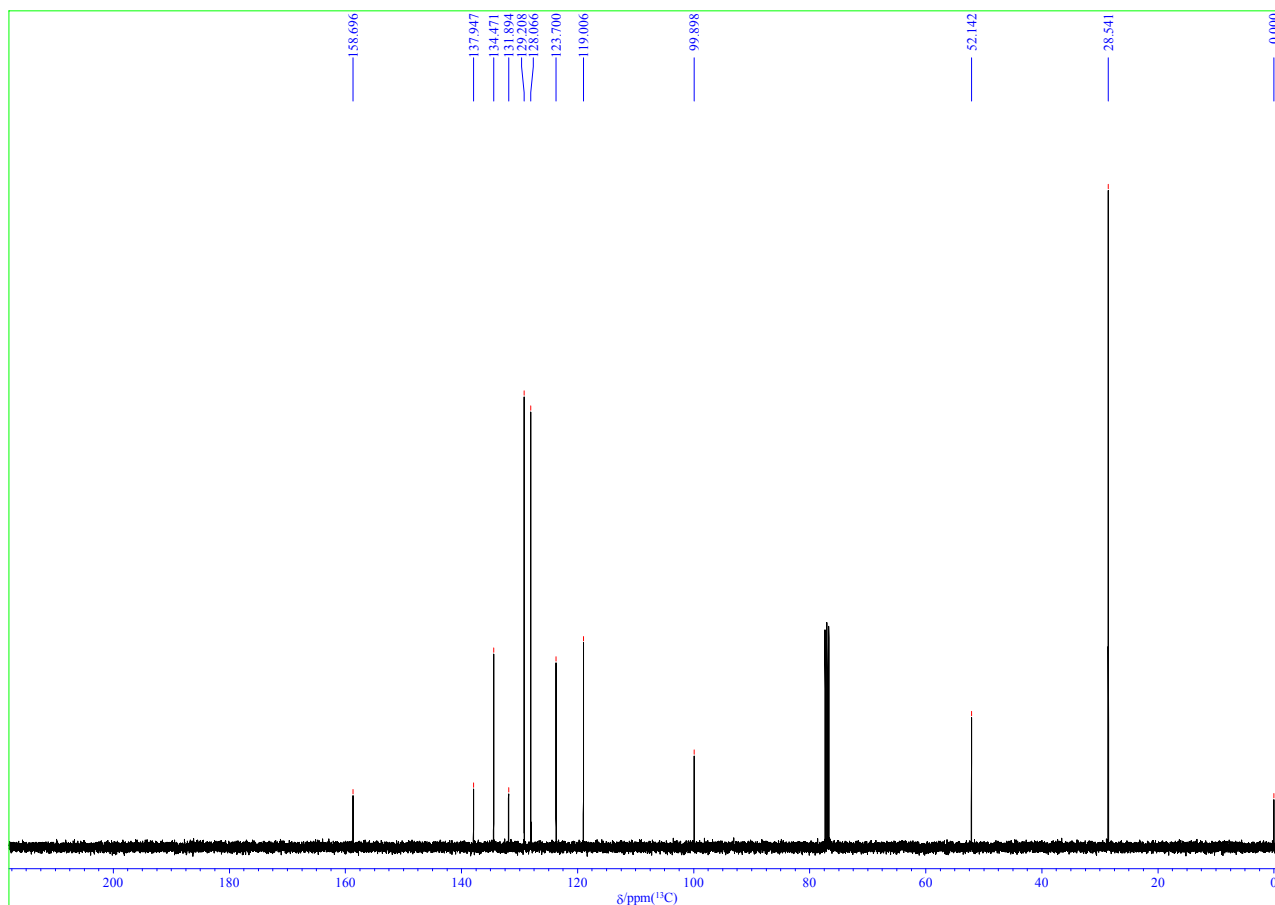


Figure S12. ¹³C NMR spectrum of compound (**5i**) (100 MHz, CDCl₃).

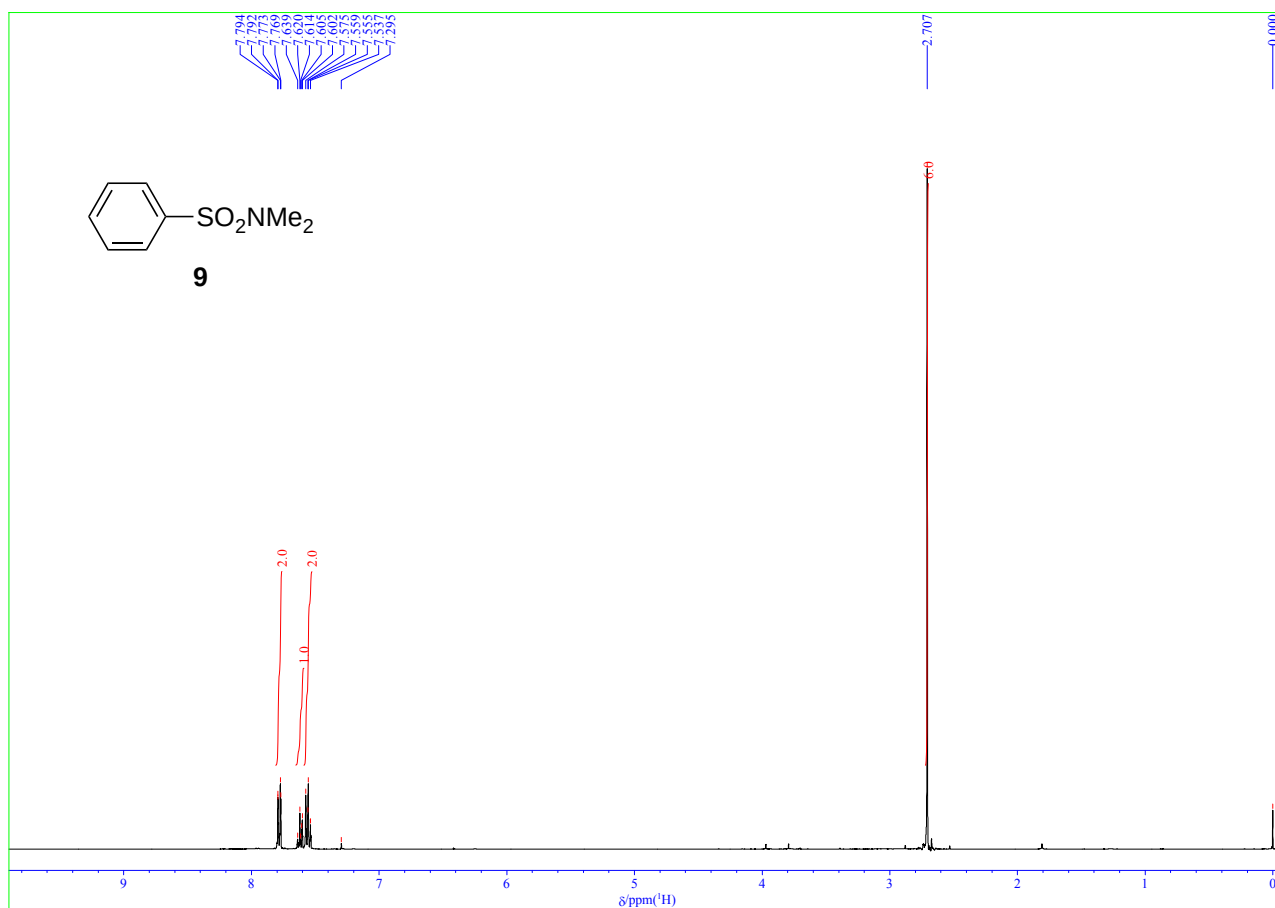


Figure S13. ¹H NMR spectrum of compound (9) (400 MHz, CDCl₃).

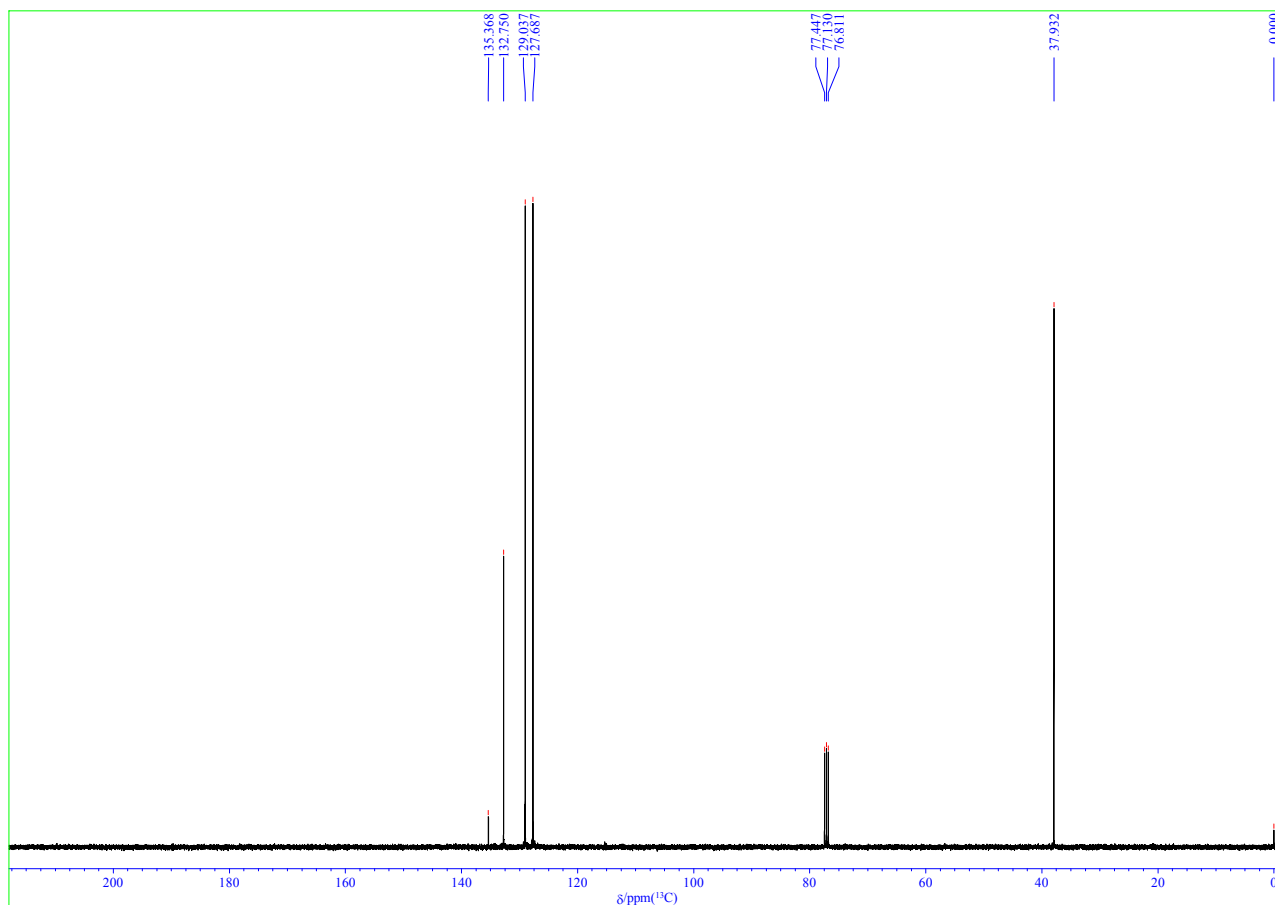


Figure S14. ¹³C NMR spectrum of compound (9) (100 MHz, CDCl₃).

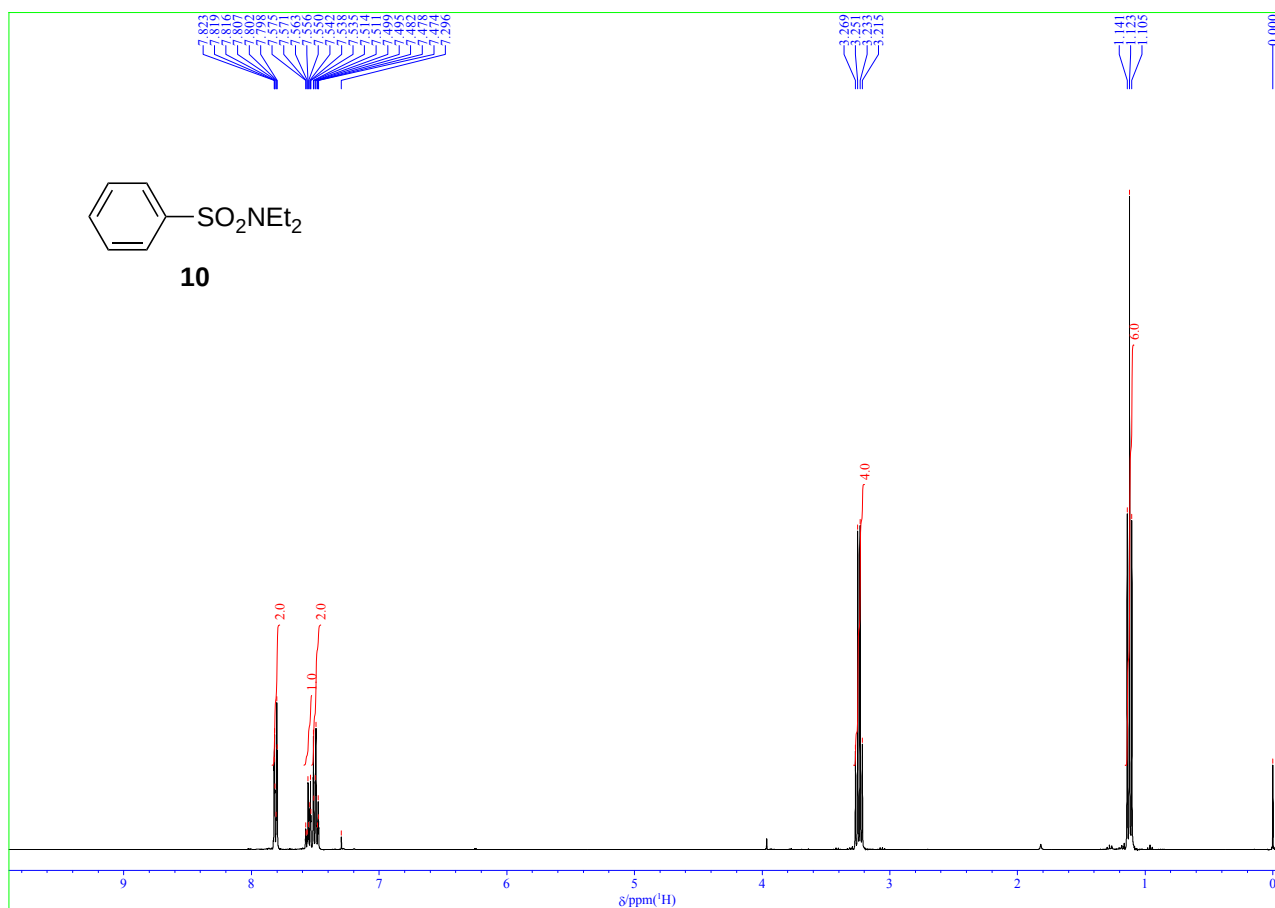


Figure S15. ¹H NMR spectrum of compound (**10**) (400 MHz, CDCl₃).

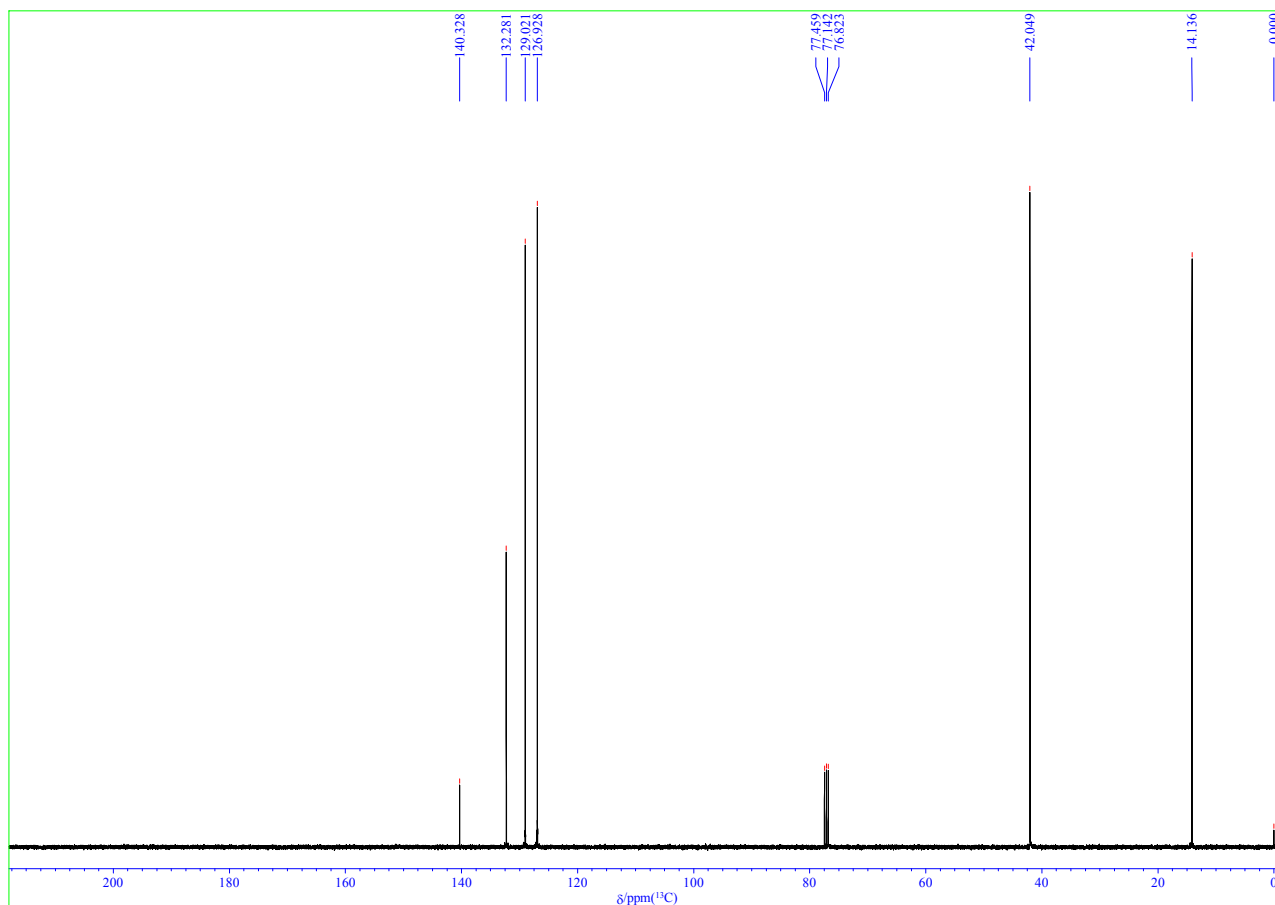


Figure S16. ¹³C NMR spectrum of compound (**10**) (100 MHz, CDCl₃).