

Supporting Information

Syntheses of Silylene-Bridged Thiophene-Fused Cyclopentadienyl *ansa*-Metallocene Complexes for Preparing High-Performance Supported Catalyst

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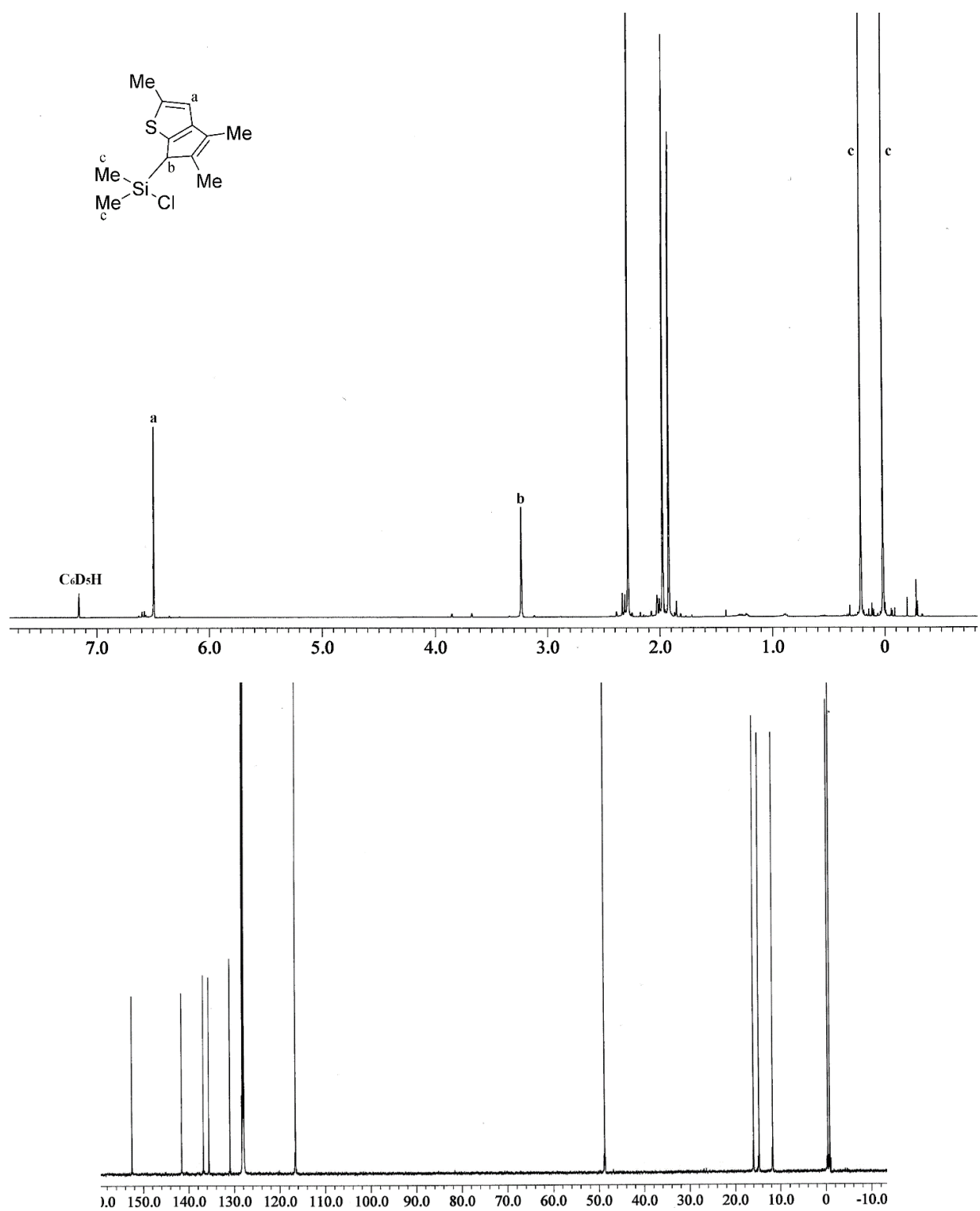


Figure S1. ^1H and ^{13}C NMR spectra of **1**.

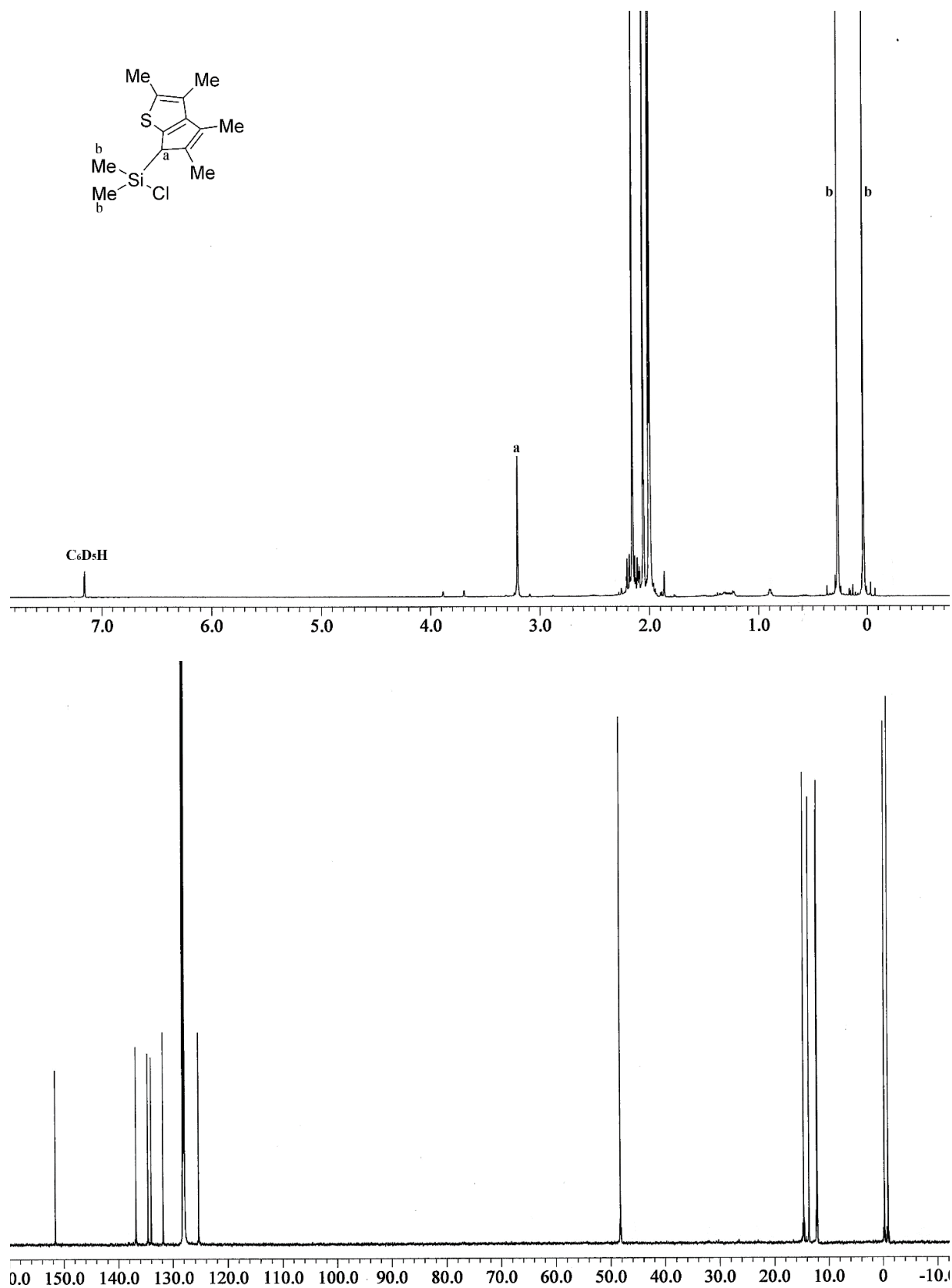


Figure S2. ^1H and ^{13}C NMR spectra of 2.

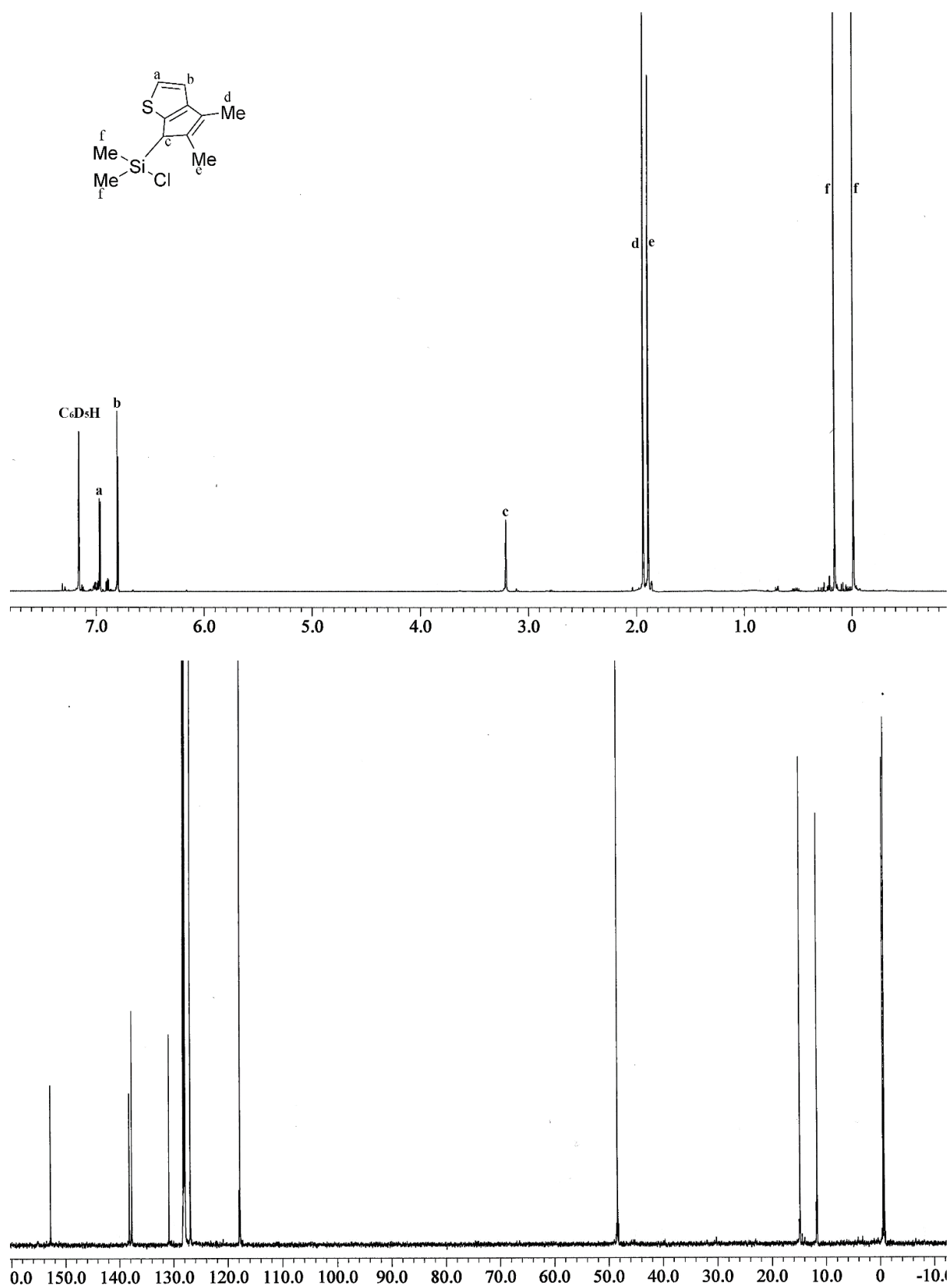


Figure S3. ^1H and ^{13}C NMR spectra of 3.

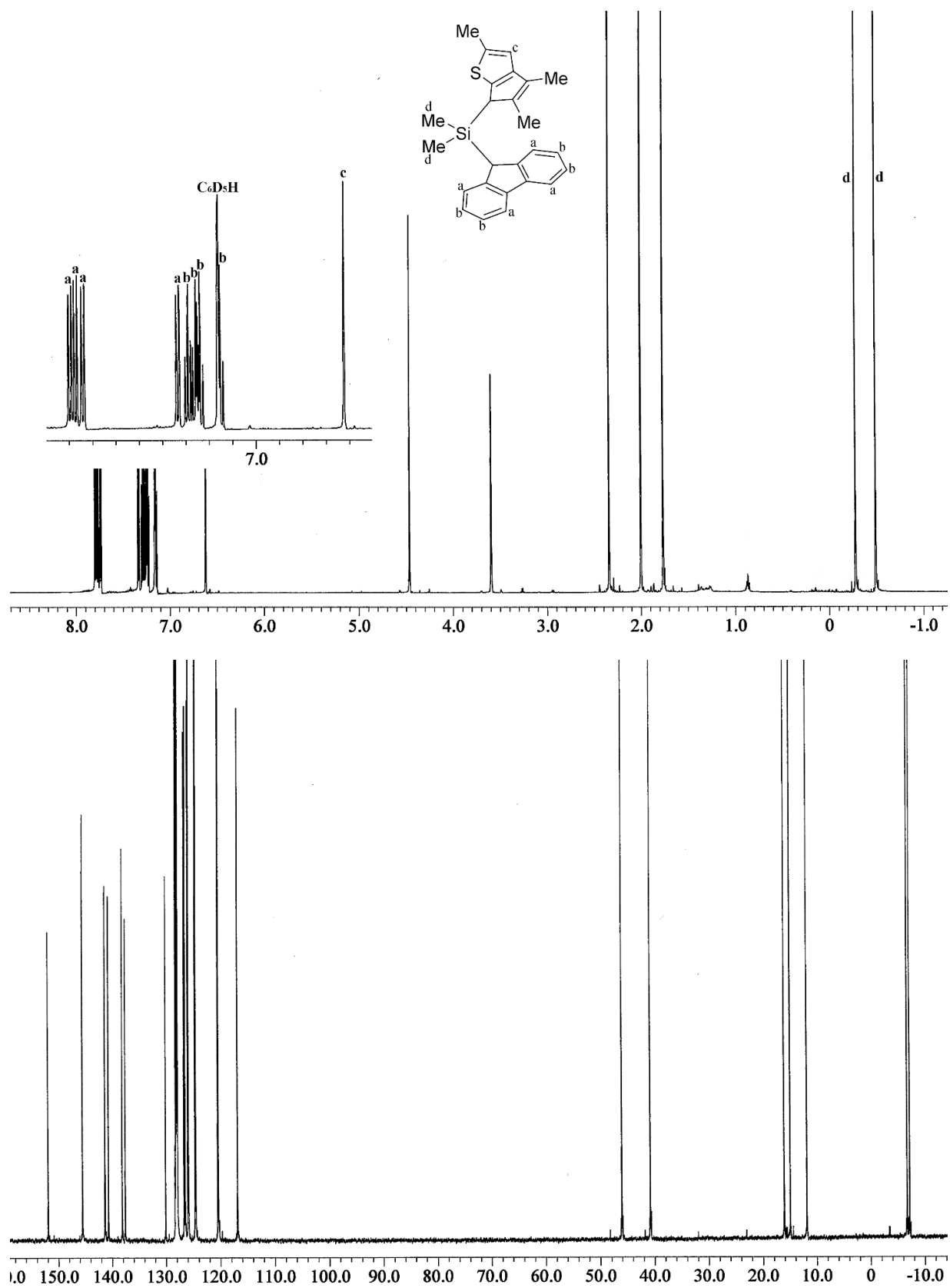


Figure S4. ^1H and ^{13}C NMR spectra of **4**.

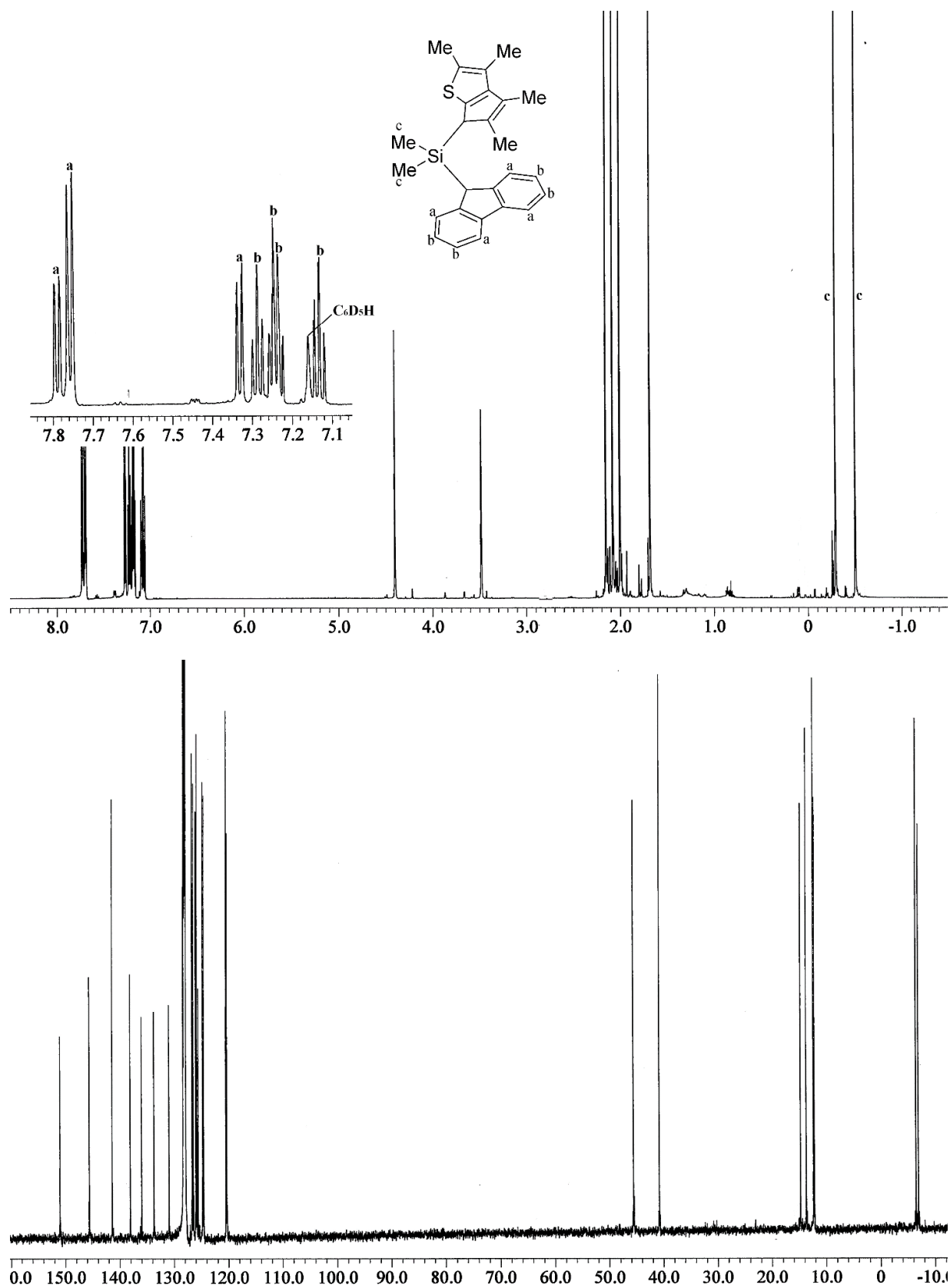


Figure S5. ^1H and ^{13}C NMR spectra of 5.

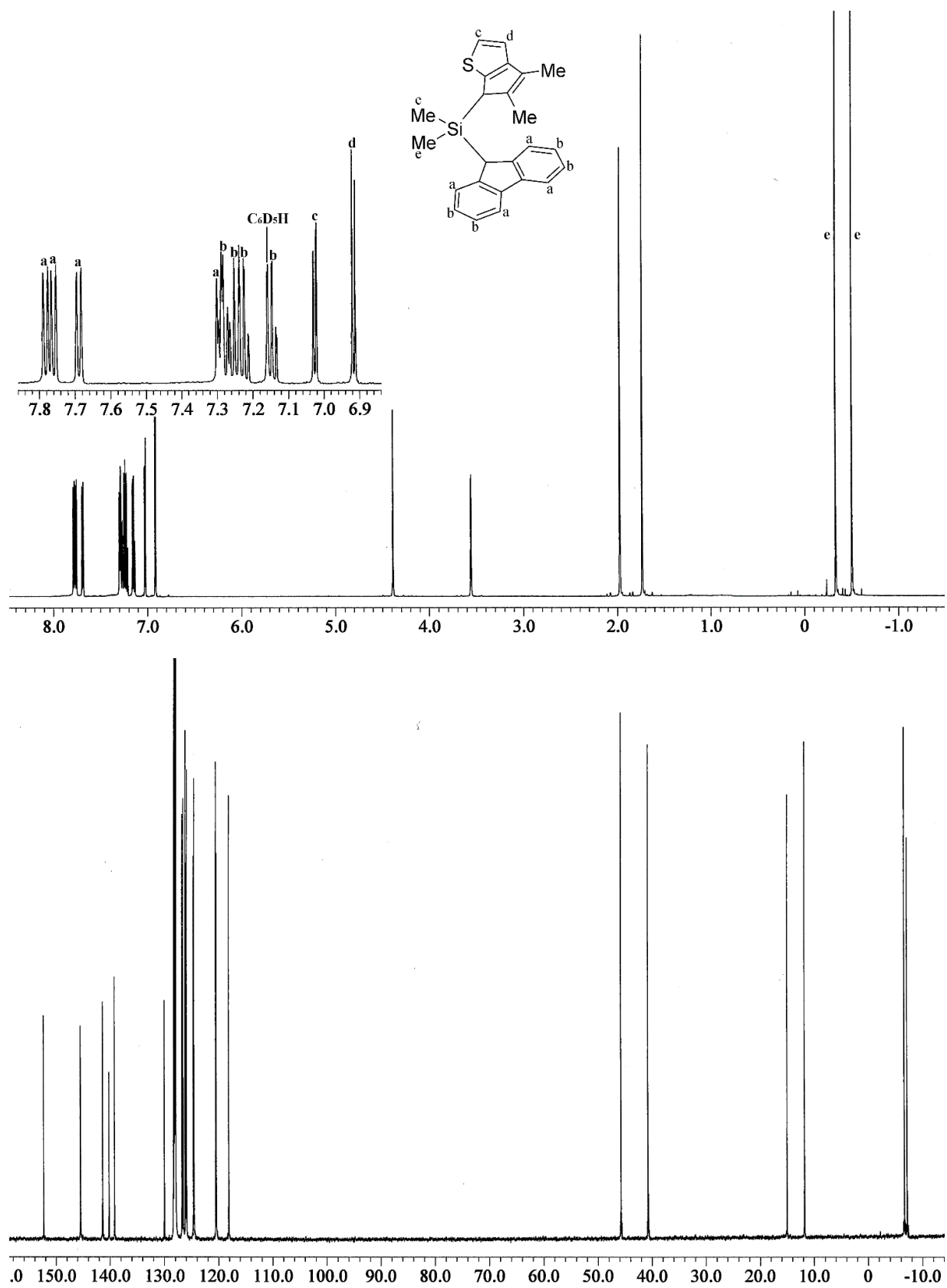


Figure S6. ^1H and ^{13}C NMR spectra of **6**.

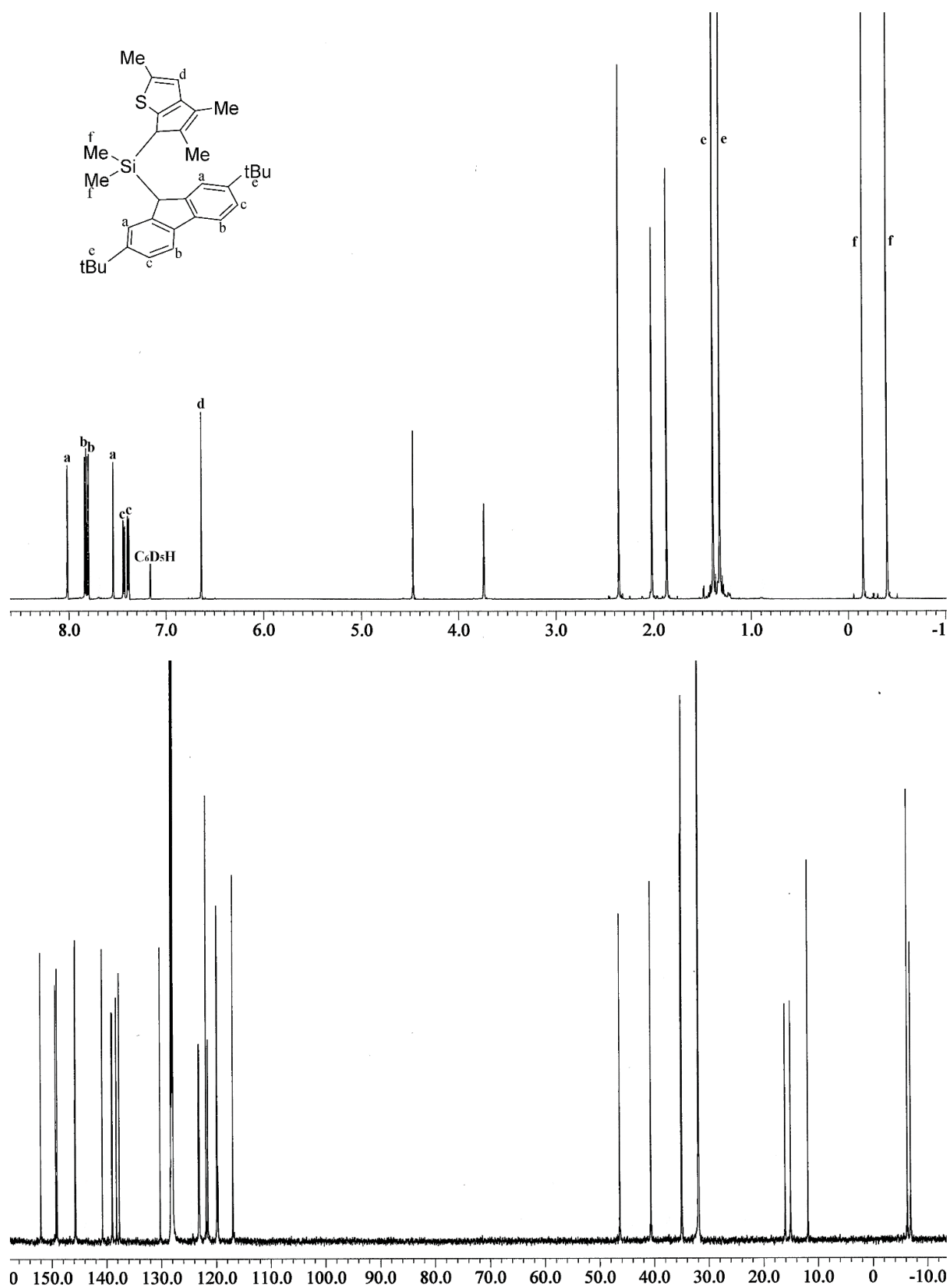


Figure S7. ^1H and ^{13}C NMR spectra of 7.

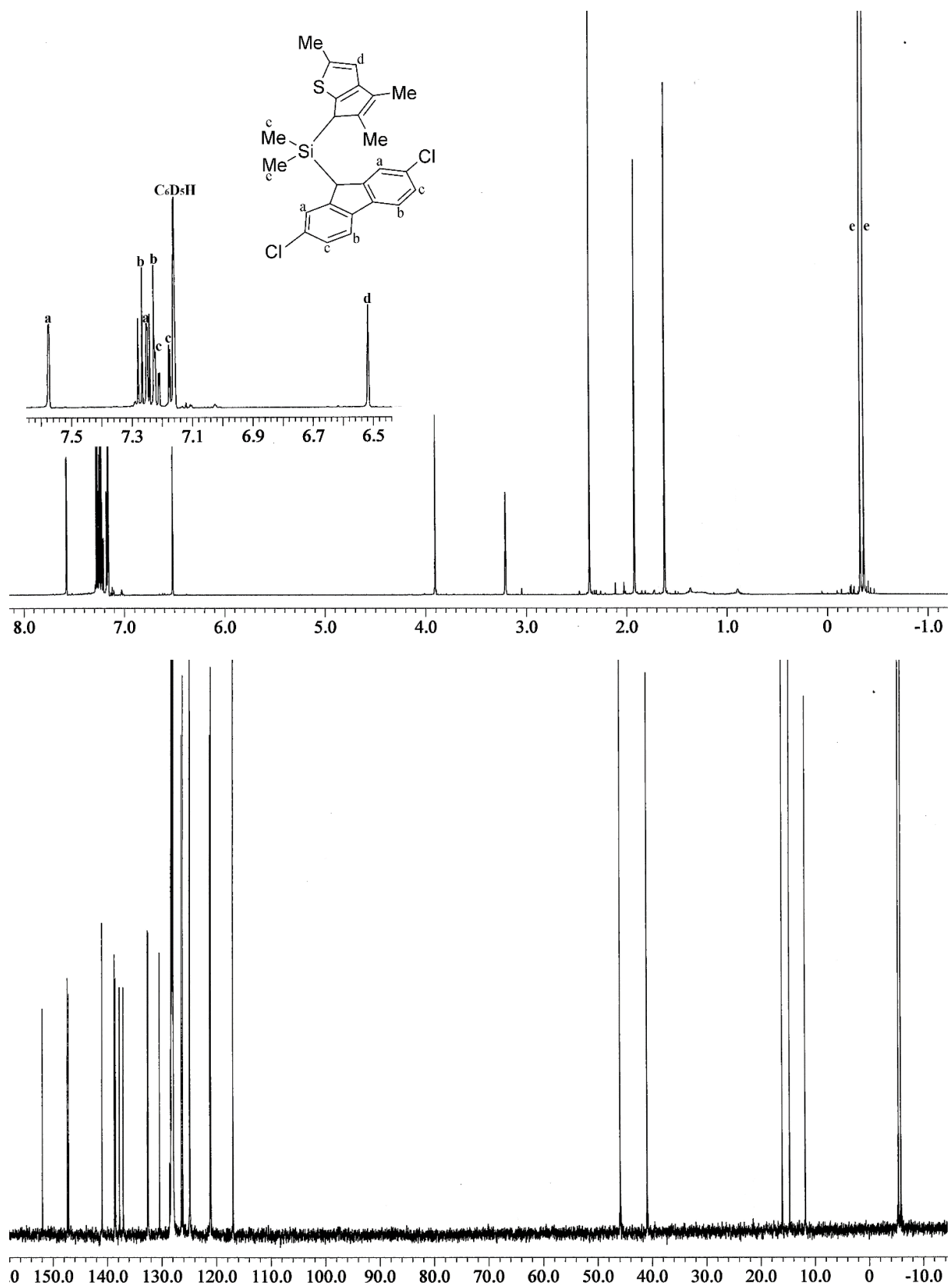


Figure S8. ^1H and ^{13}C NMR spectra of 8.

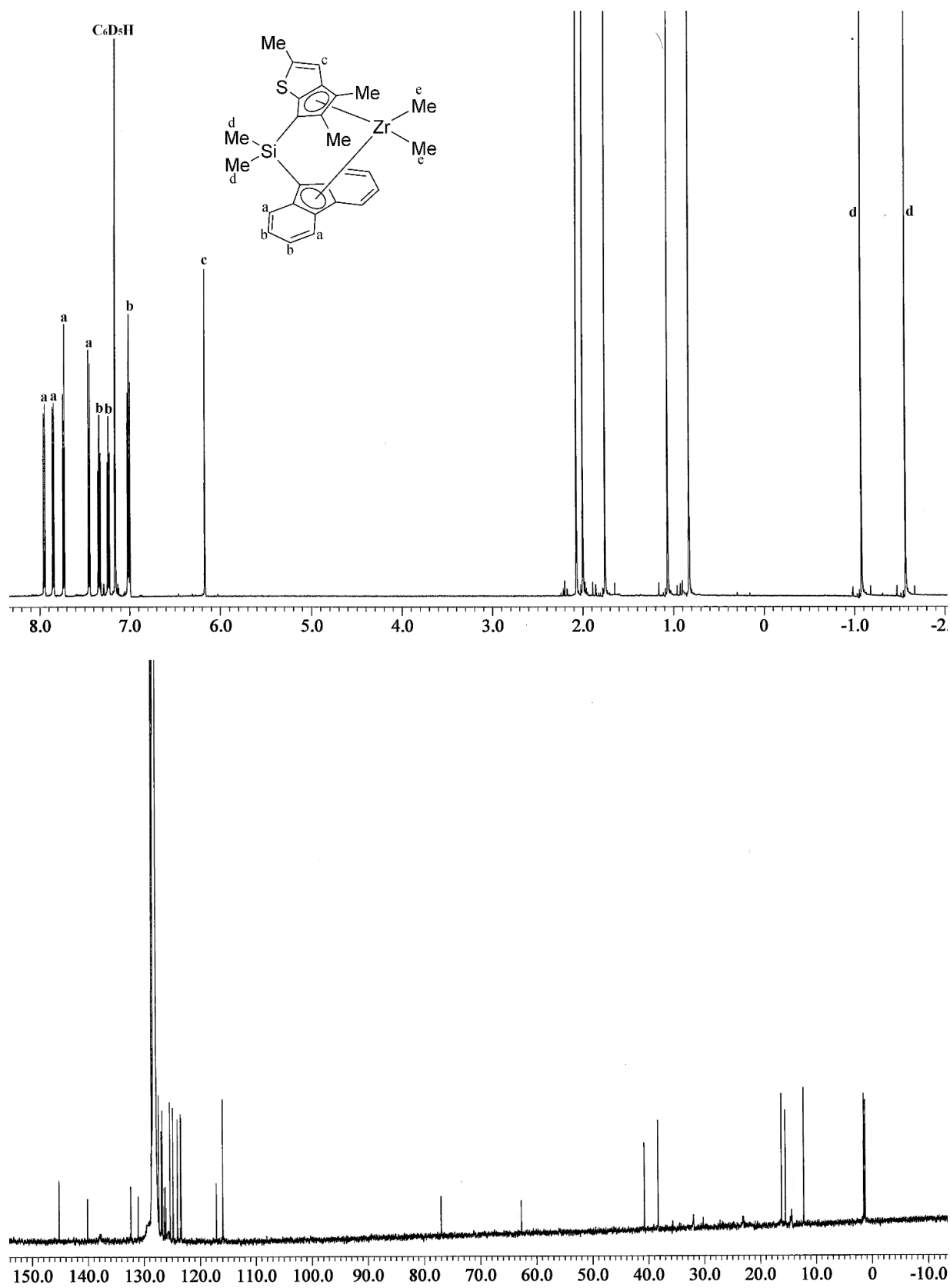


Figure S9. ^1H and ^{13}C NMR spectra of 9.

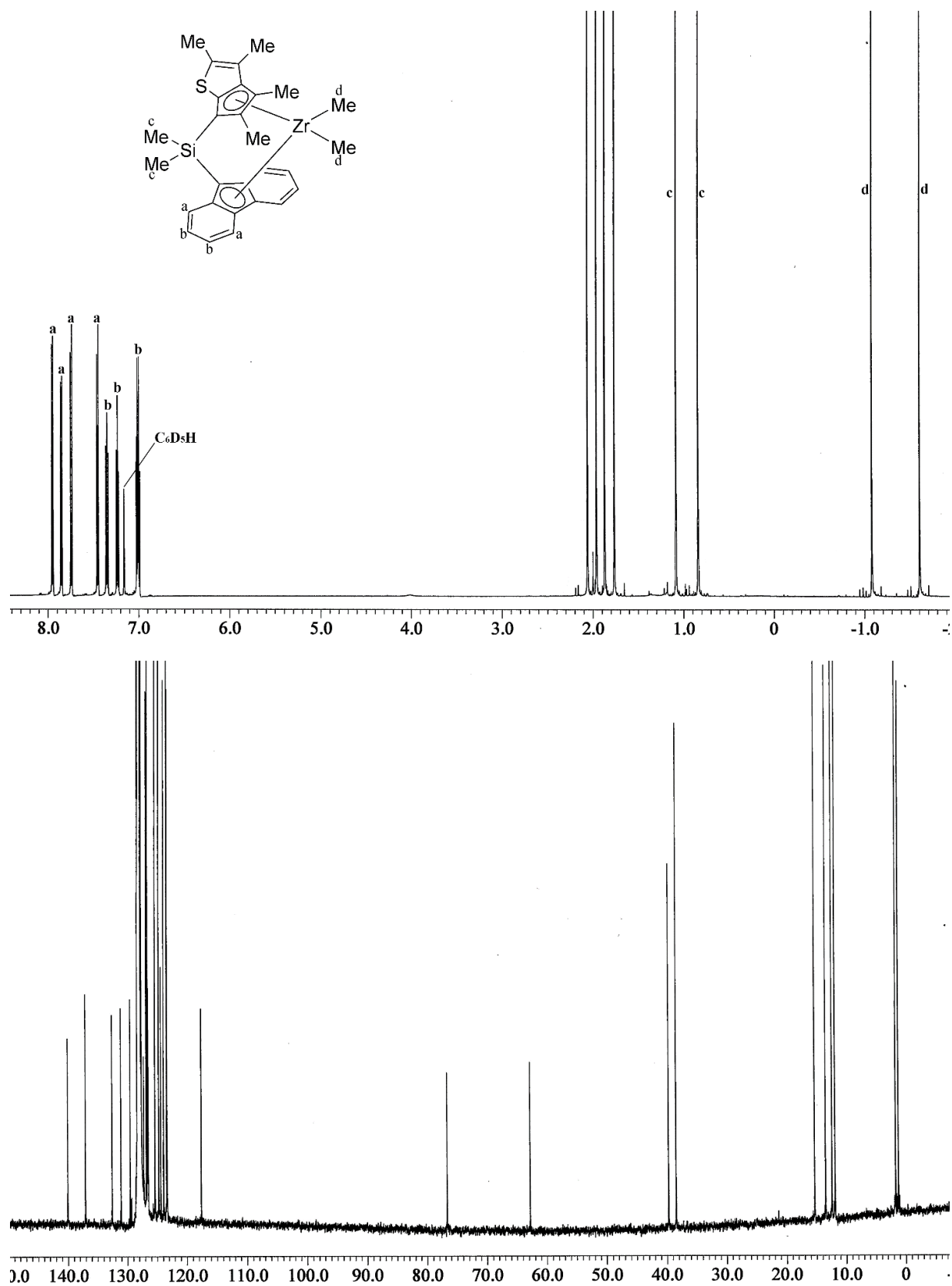


Figure S10. ^1H and ^{13}C NMR spectra of 10.

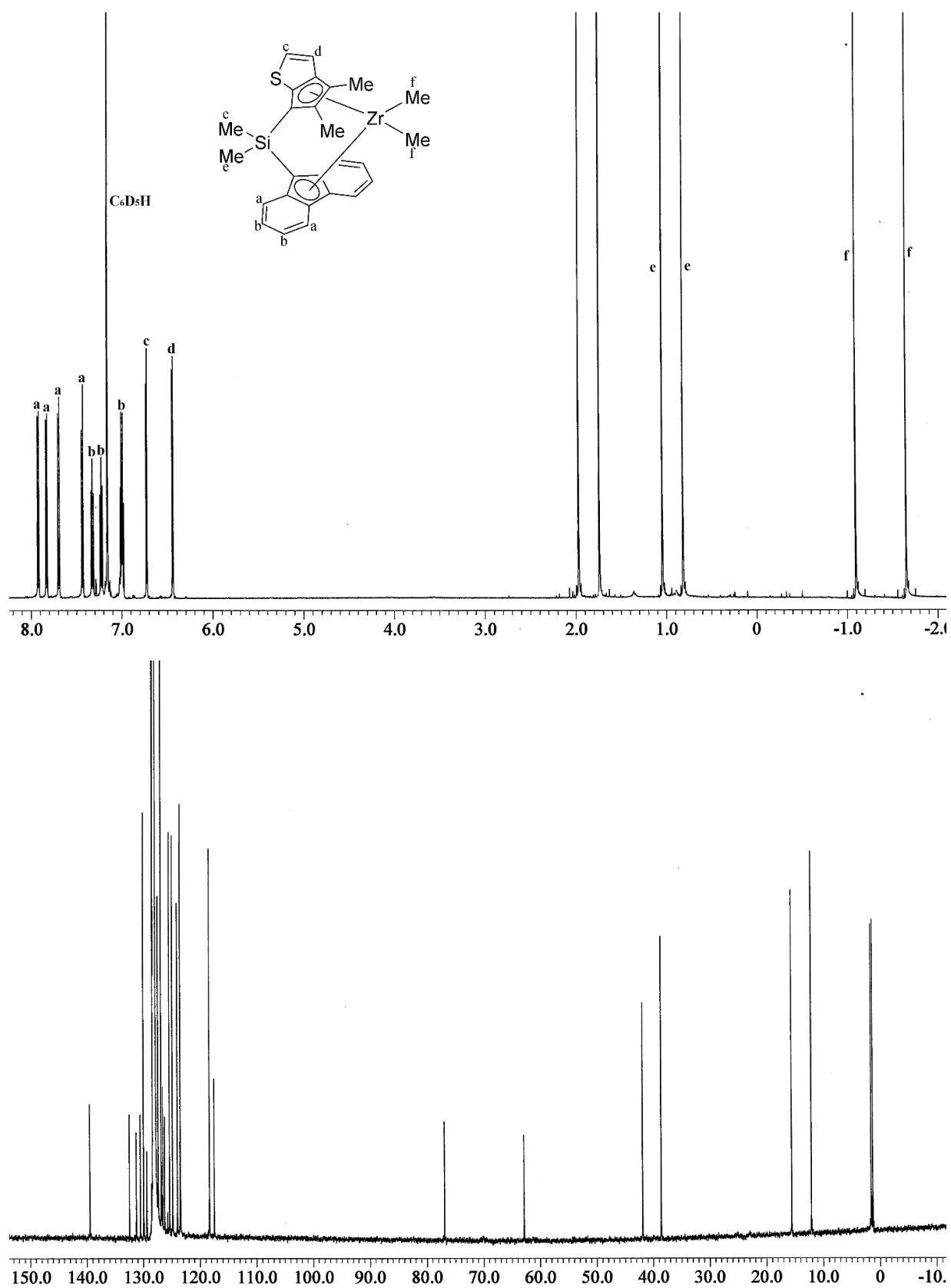


Figure S11. ^1H and ^{13}C NMR spectra of 11.

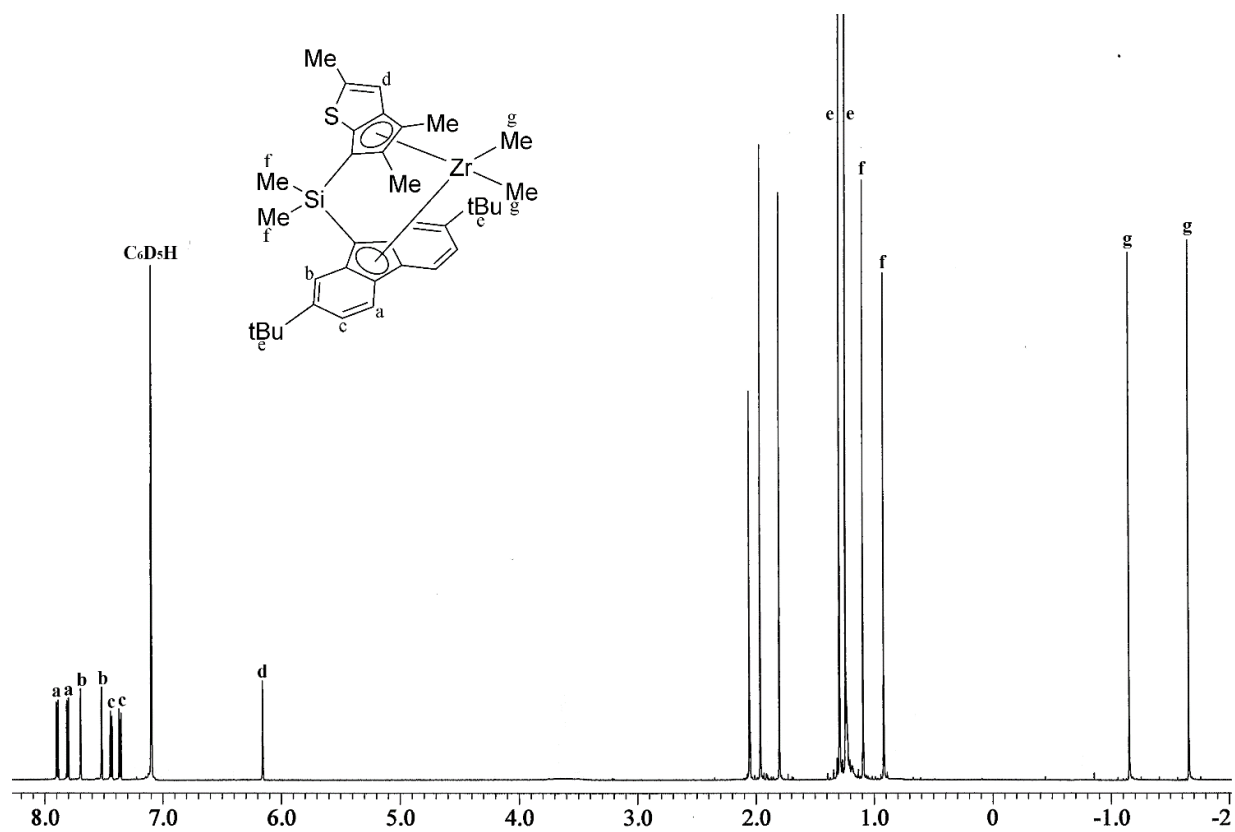


Figure S12. ^1H NMR spectrum of **12**.

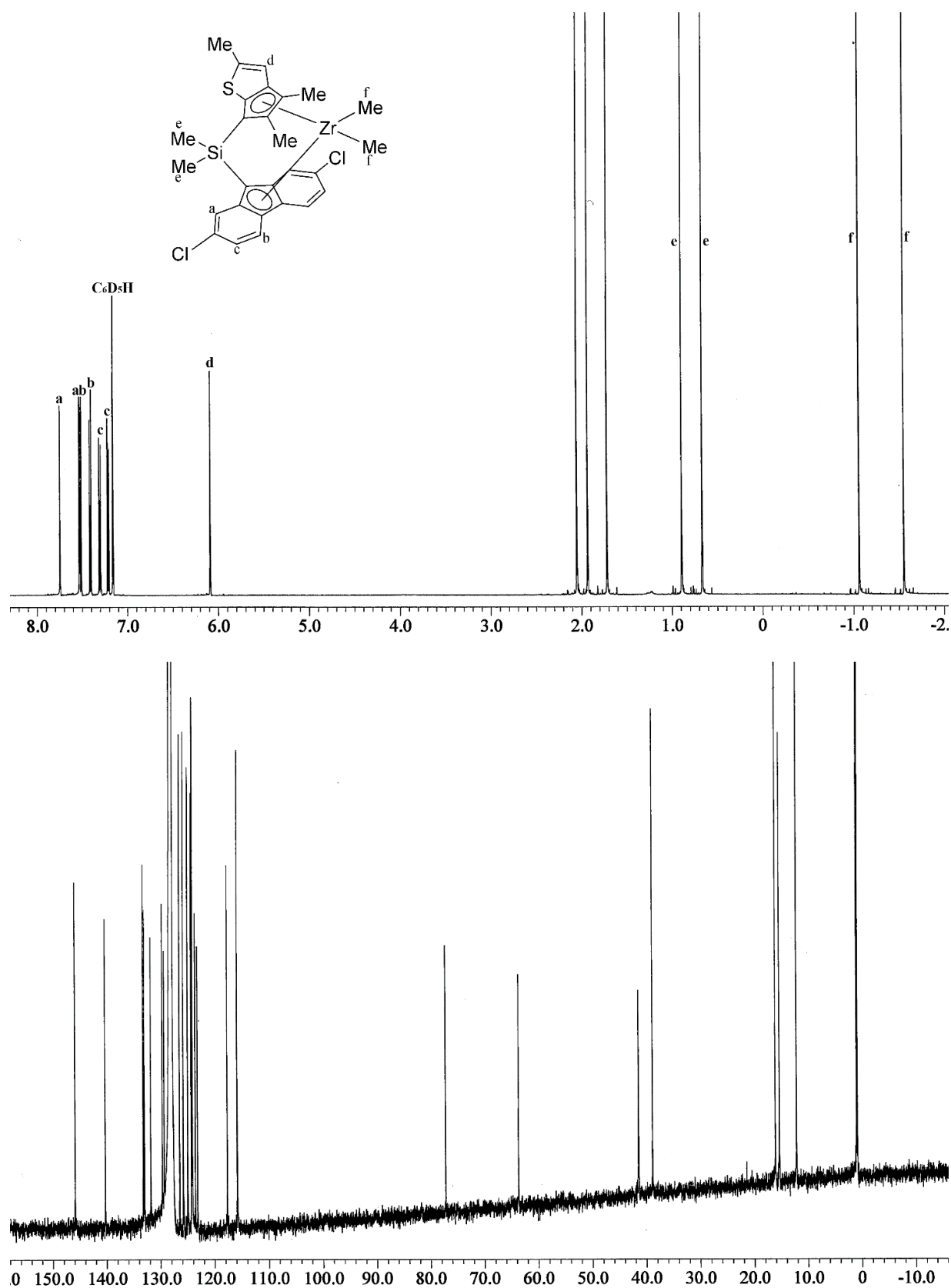


Figure S13. ^1H and ^{13}C NMR spectra of 13.

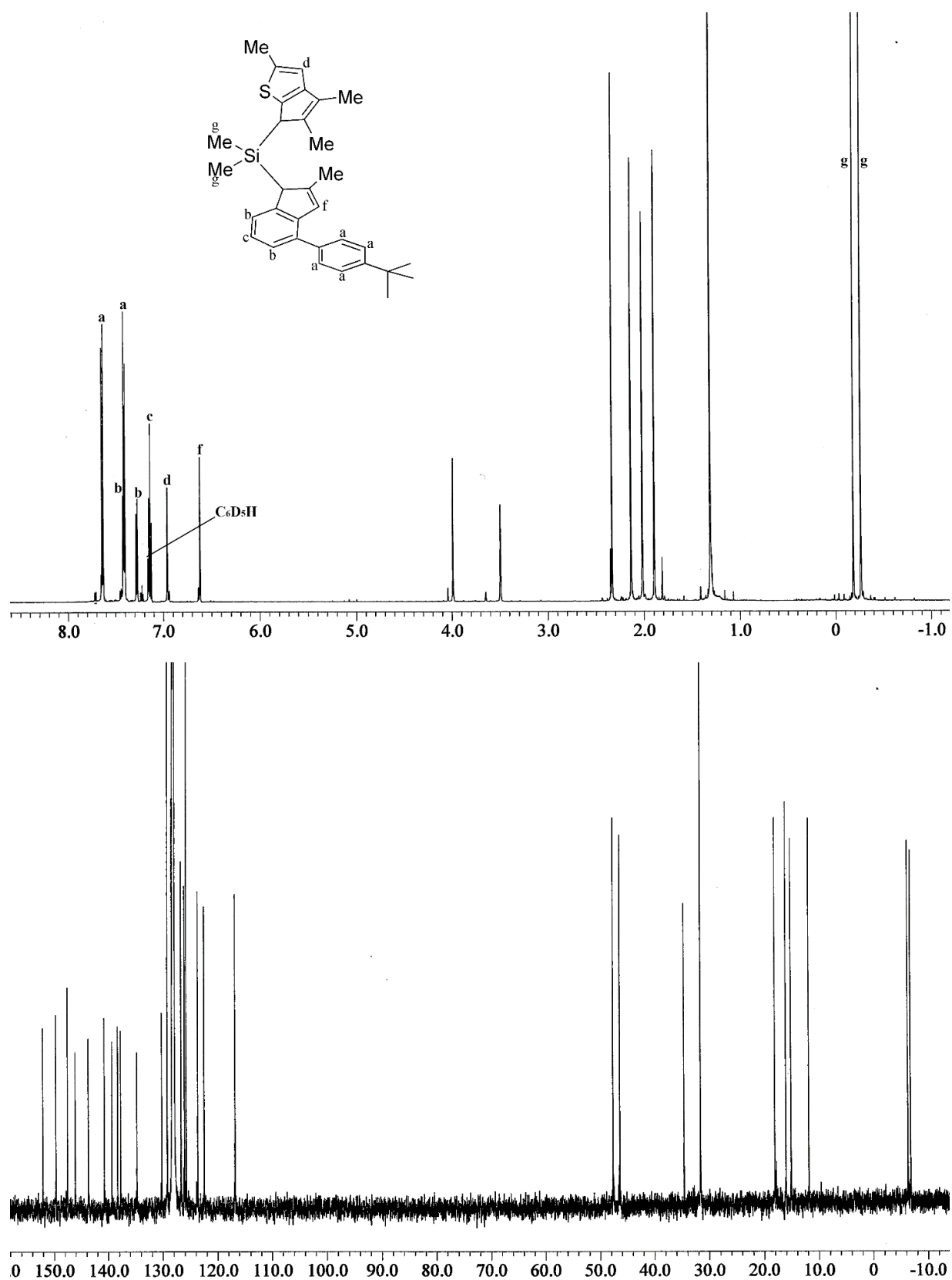


Figure S14. ^1H and ^{13}C NMR spectra of 14.

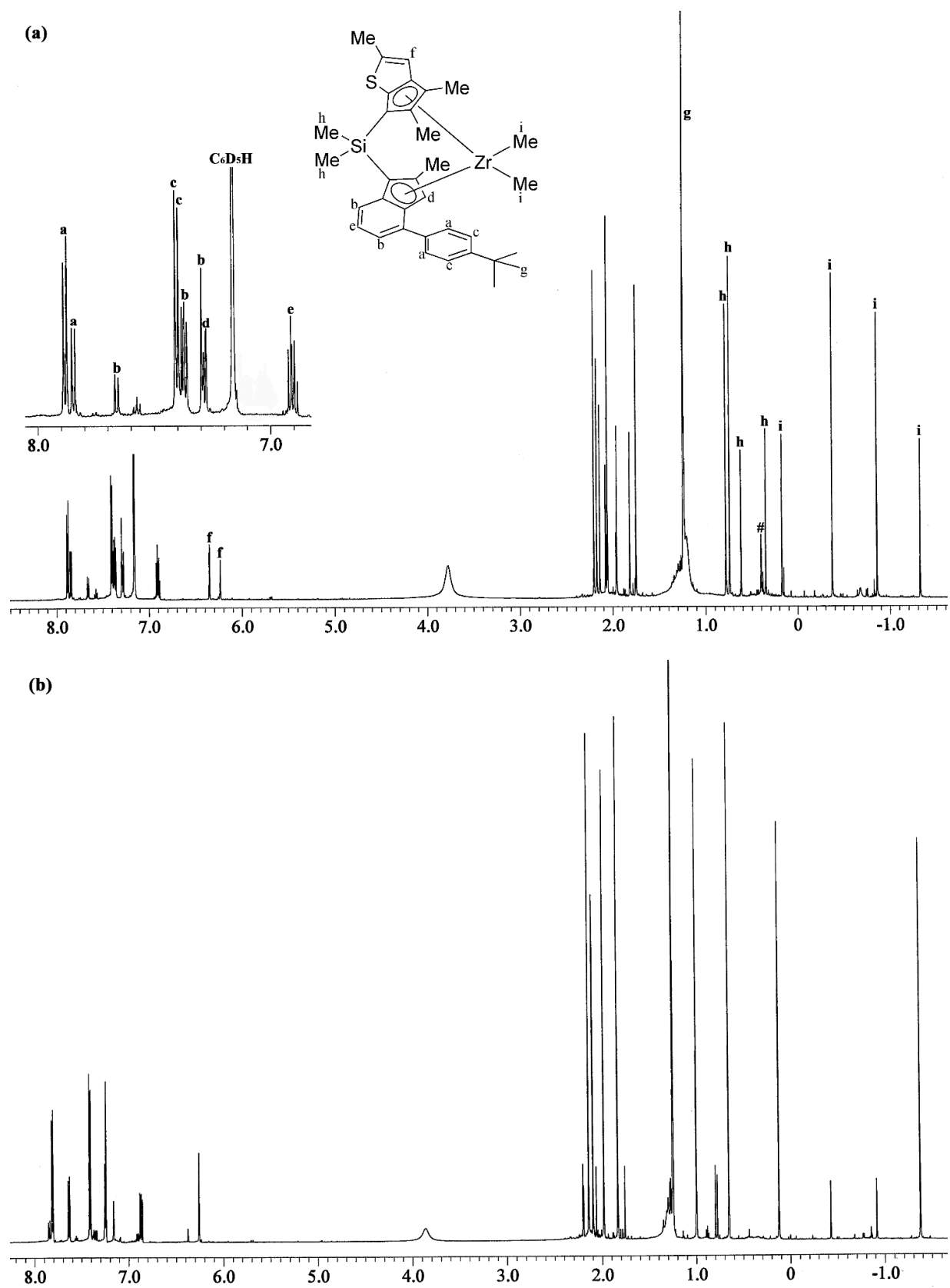


Figure S15. ^1H NMR spectra of 15.

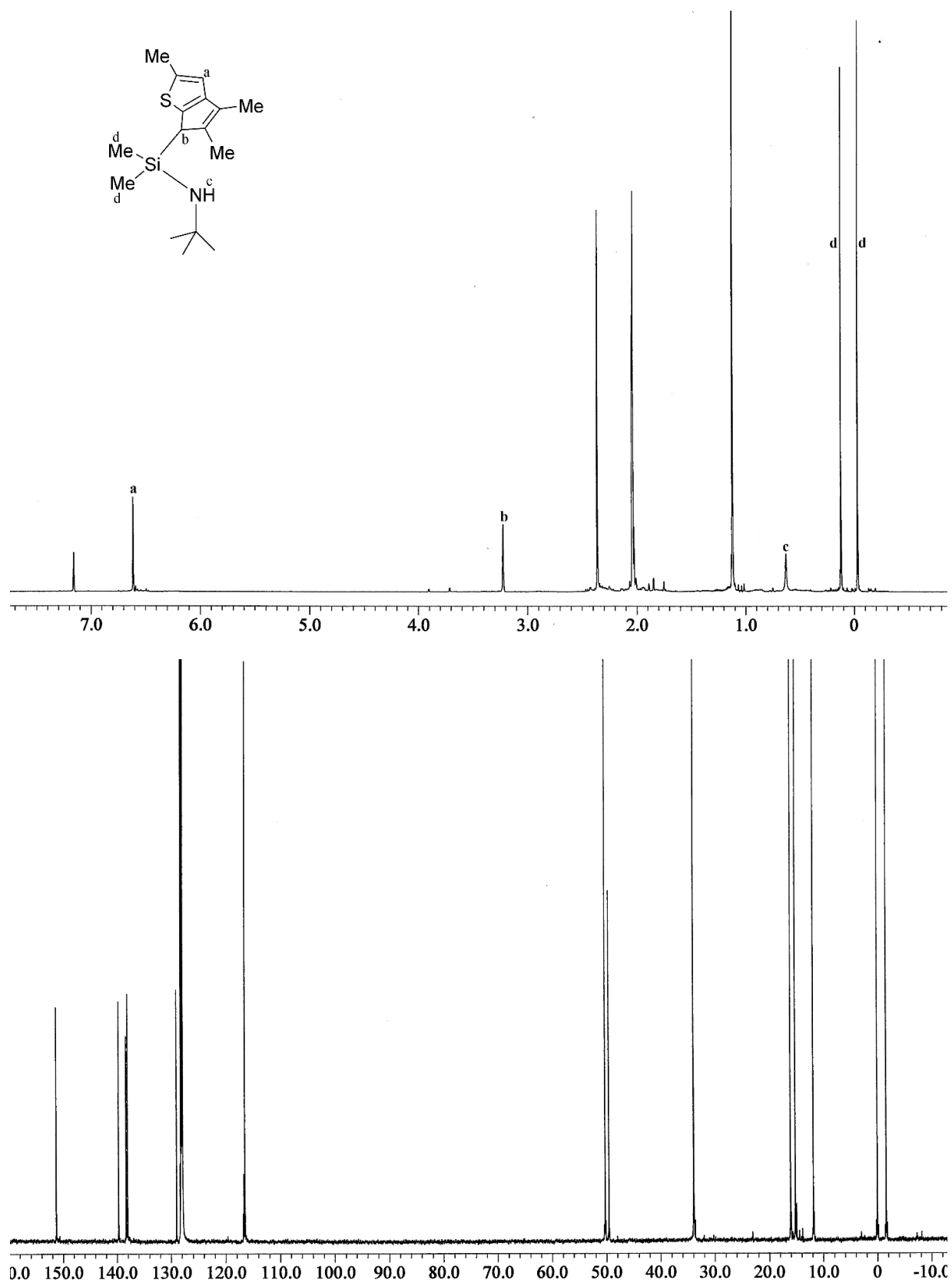


Figure S16. ^1H and ^{13}C NMR spectra of 16.

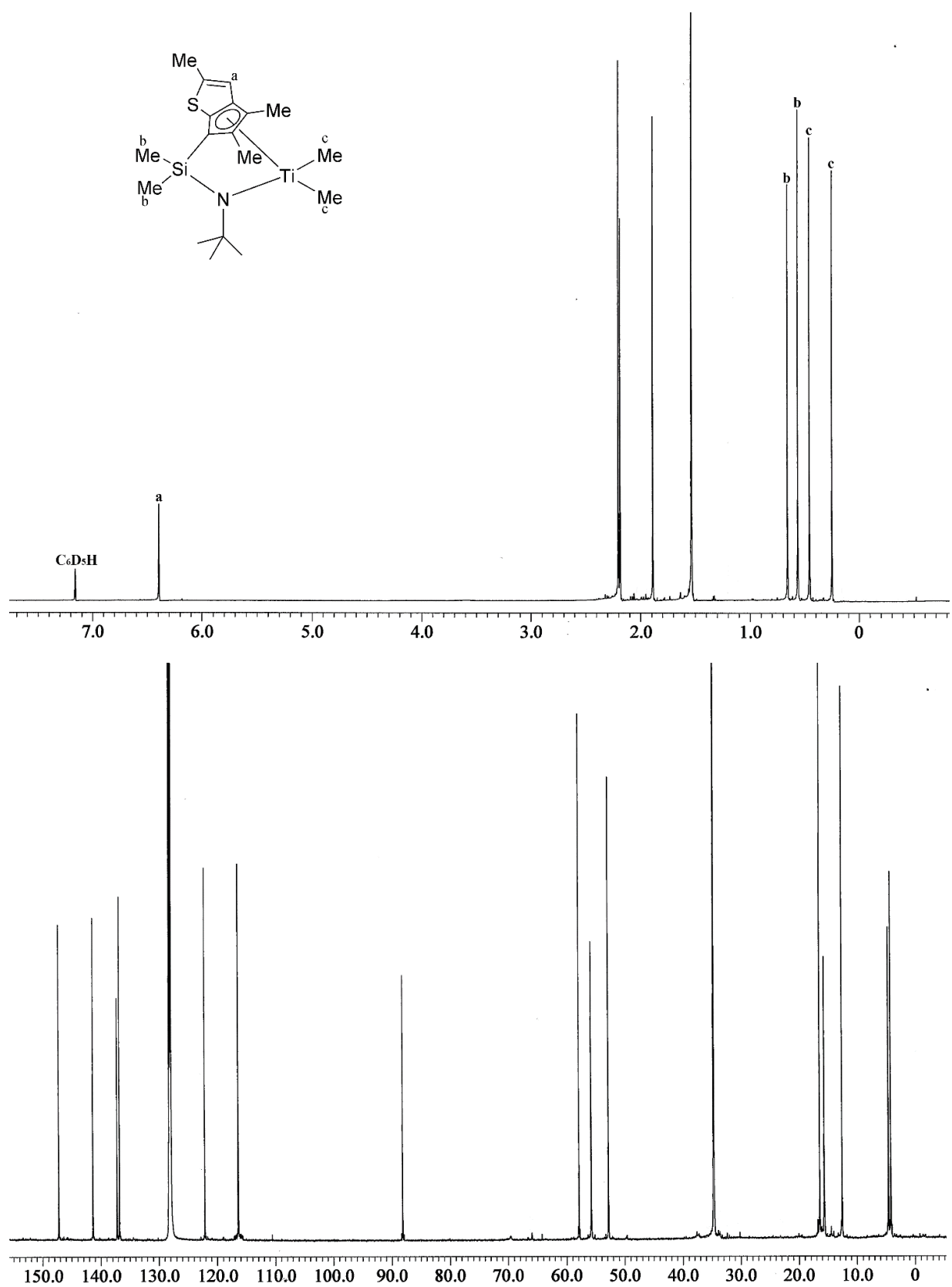


Figure S17. ^1H and ^{13}C NMR spectra of 17.

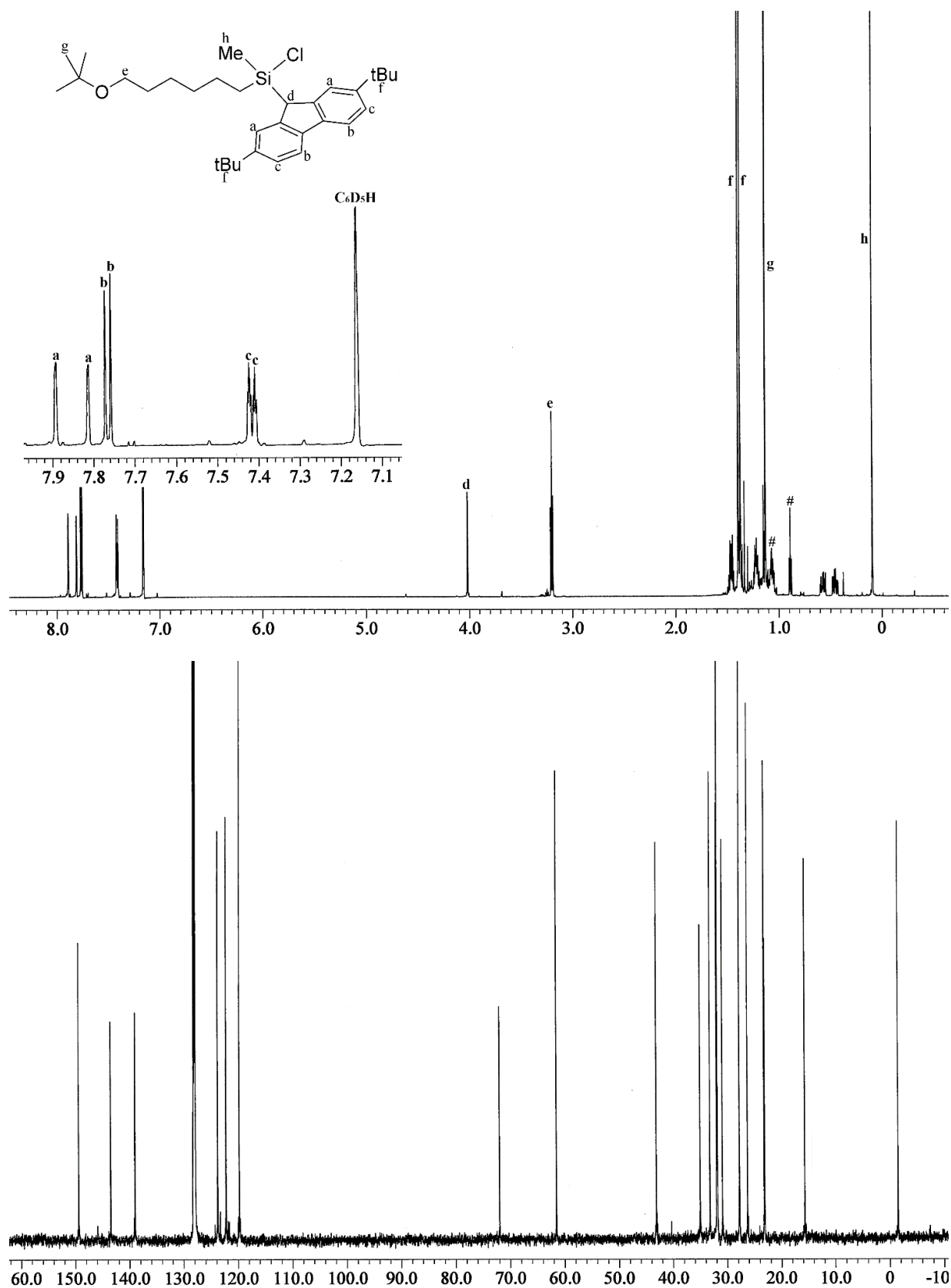


Figure S18. ^1H and ^{13}C NMR spectra of 18.

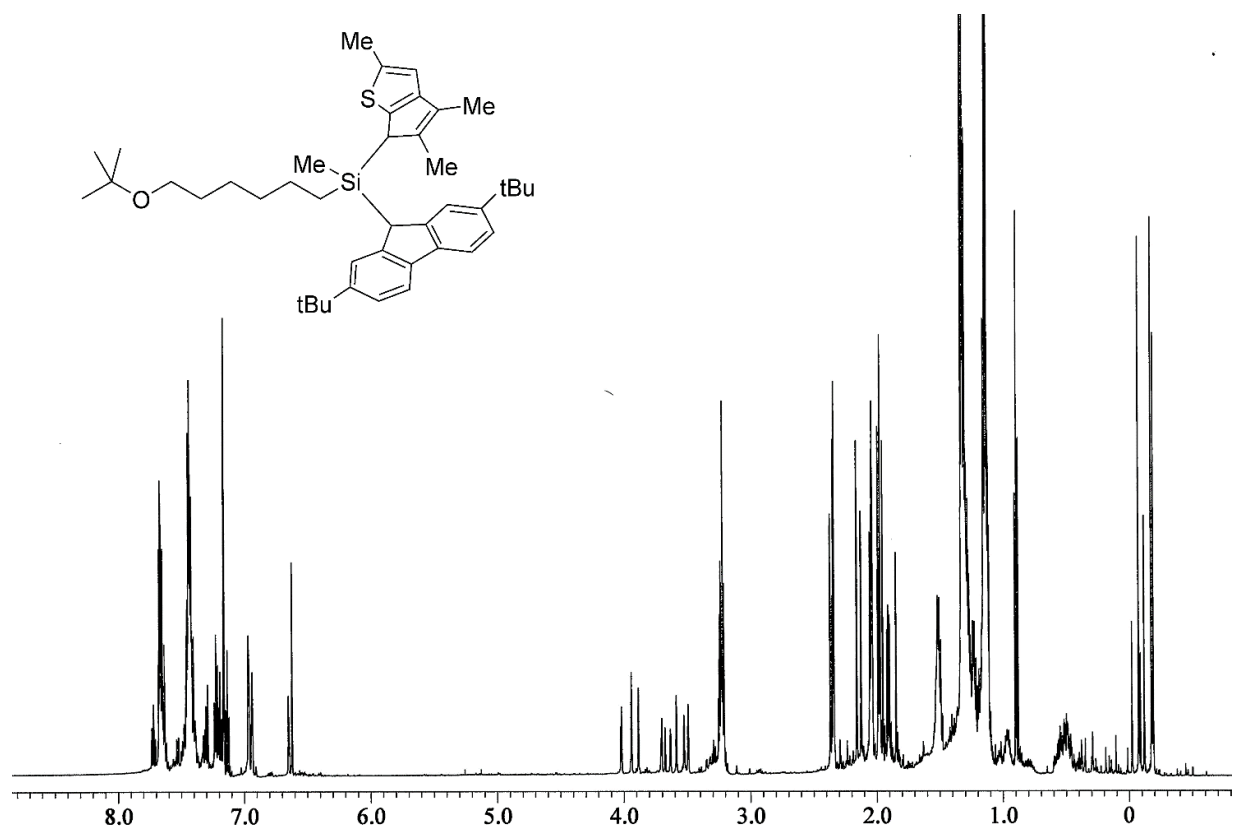


Figure S19. ¹H NMR spectrum of 19.

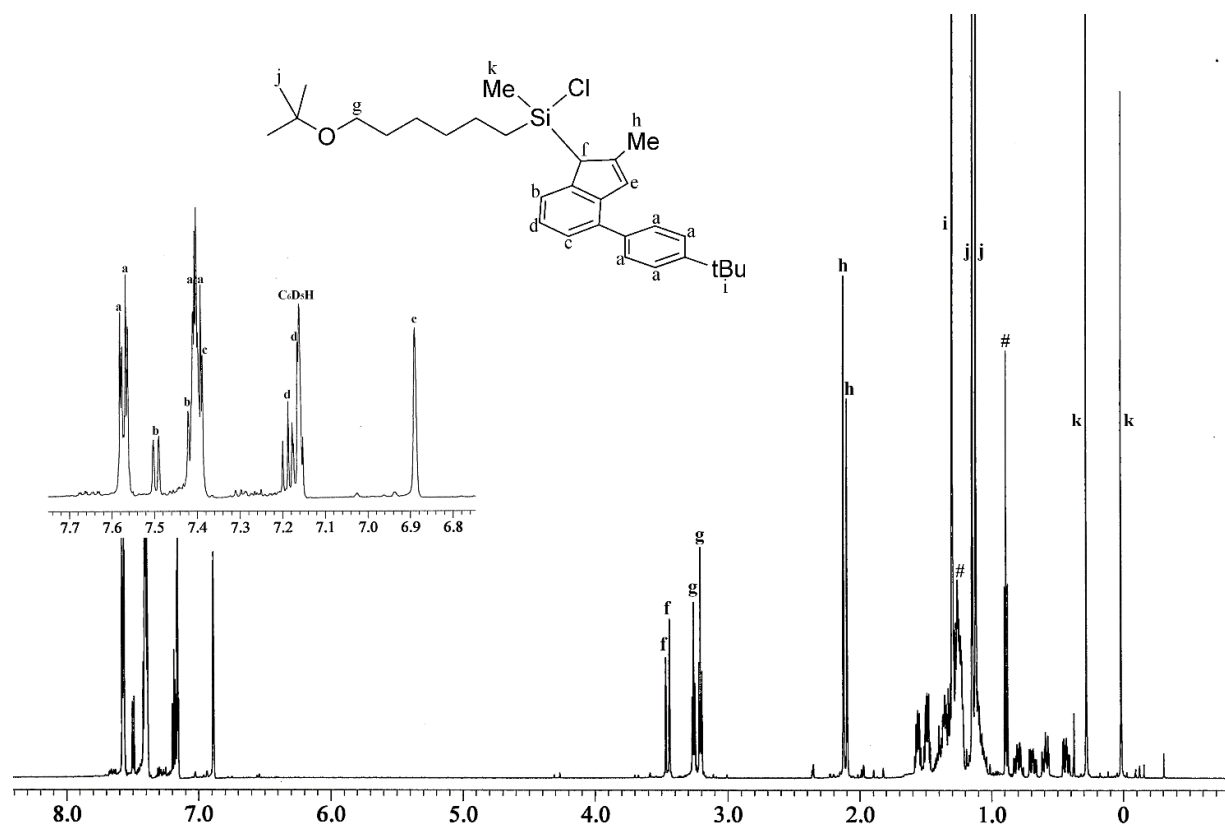


Figure S20. ^1H NMR spectrum of 21.

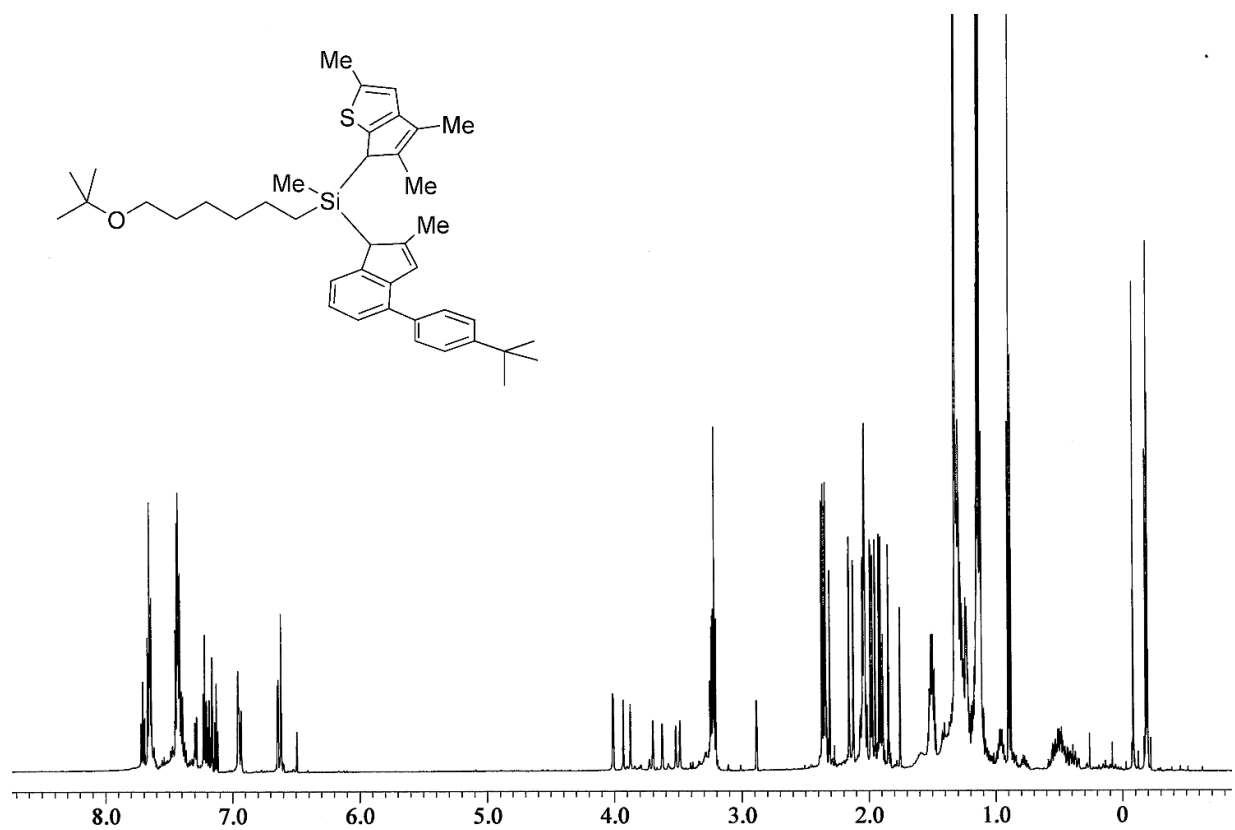


Figure S21. ^1H NMR spectrum of 22.

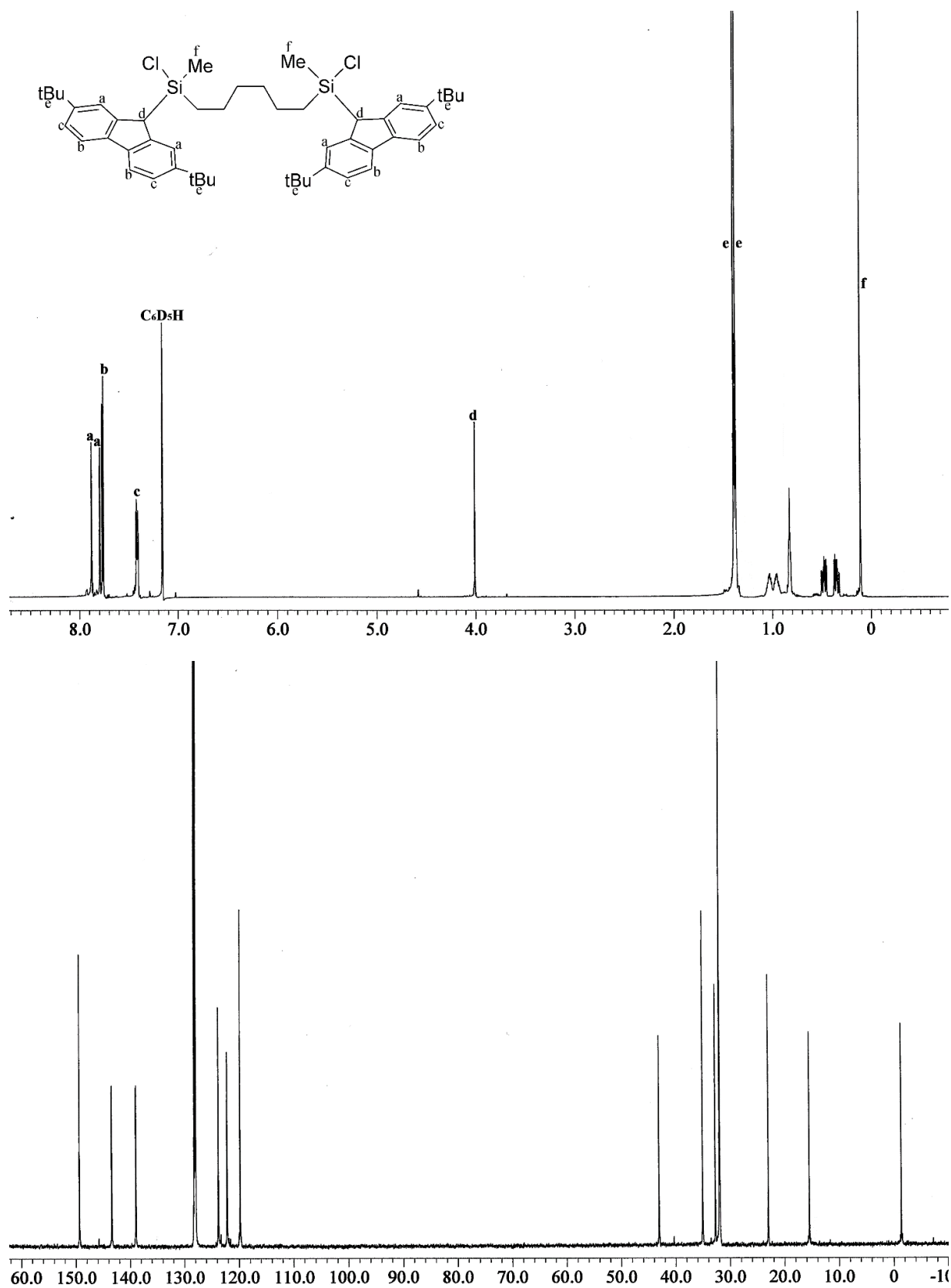


Figure S22. ^1H and ^{13}C NMR spectra of 24.

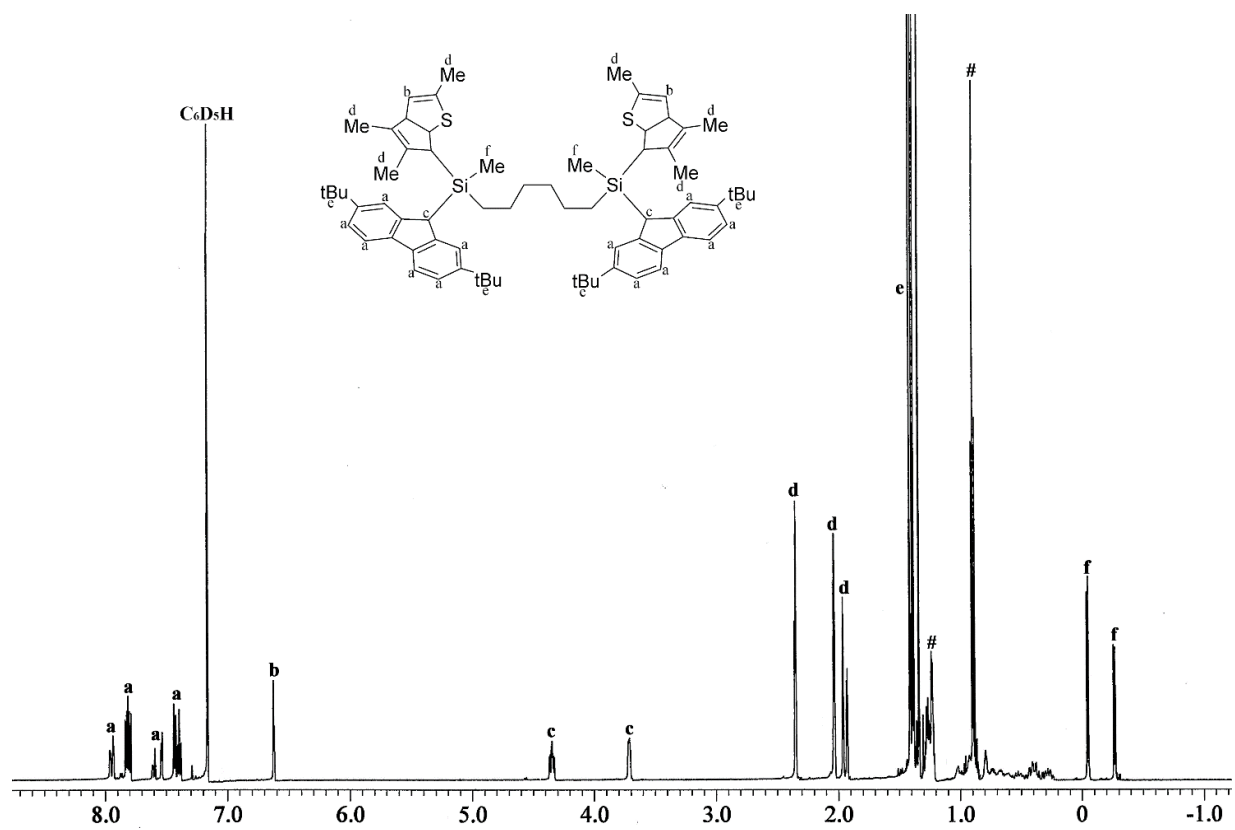


Figure S23. ^1H NMR spectrum of 25.

