

Effect of Extended Conjugation on the Optoelectronic Properties of Benzo[1,2-*d*:4,5-*d'*]bisoxazole Polymers

Brian C. Tlach,^A Aimée L. Tomlinson,^B Kiley D. Morgan,^B Christopher R. Collins,^B
Michael D. Zenner,^A and Malika Jeffries-EL^{A,C}

^ADepartment of Chemistry, Iowa State University, Ames IA 50010, USA.

^BDepartment of Chemistry and Biochemistry, University of North Georgia, GA
30597, USA.

^CCorresponding author. Email: malikaj@iastate.edu

Supplementary Material

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Figure S1. ^1H NMR spectrum of **1**.

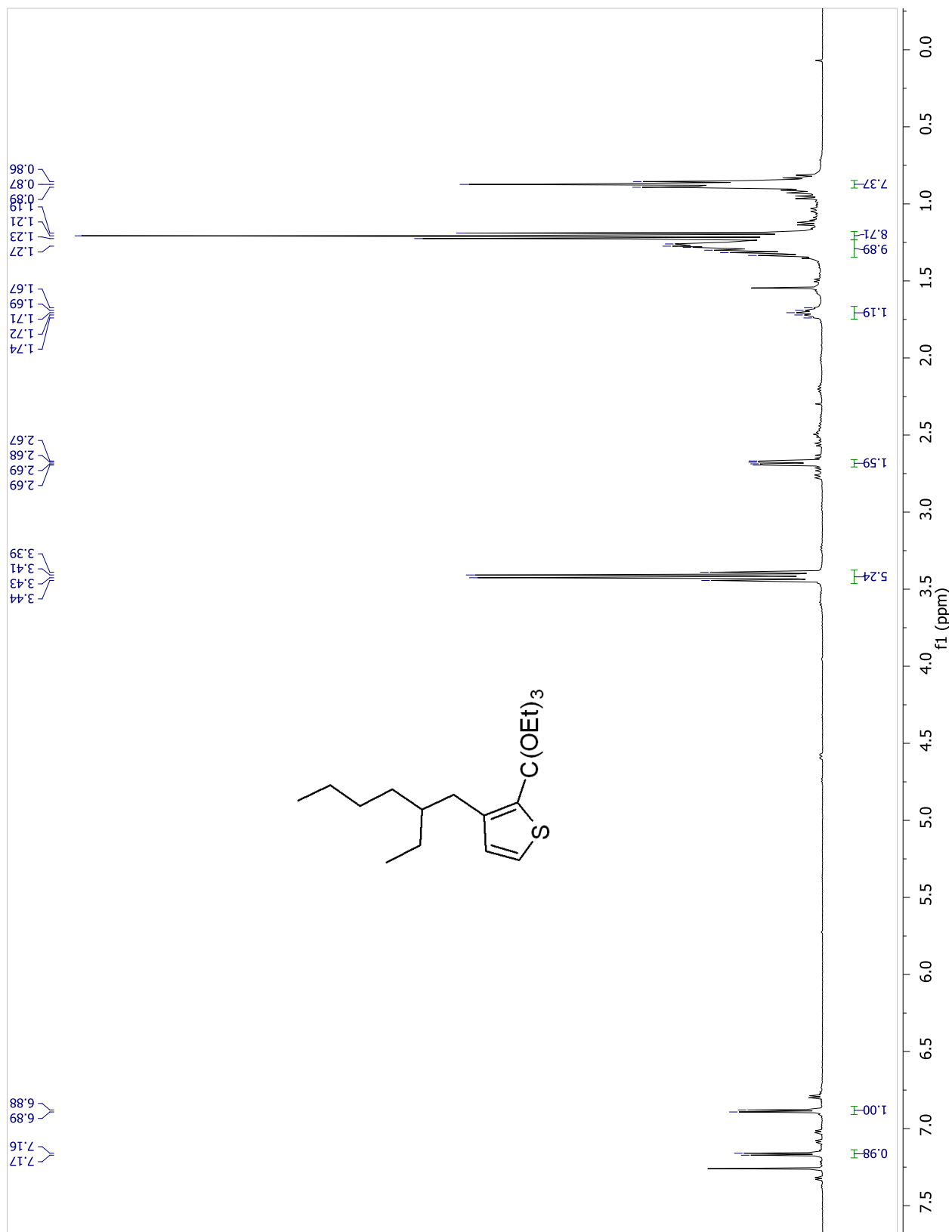


Figure S2. ^{13}C NMR spectrum of **1**.

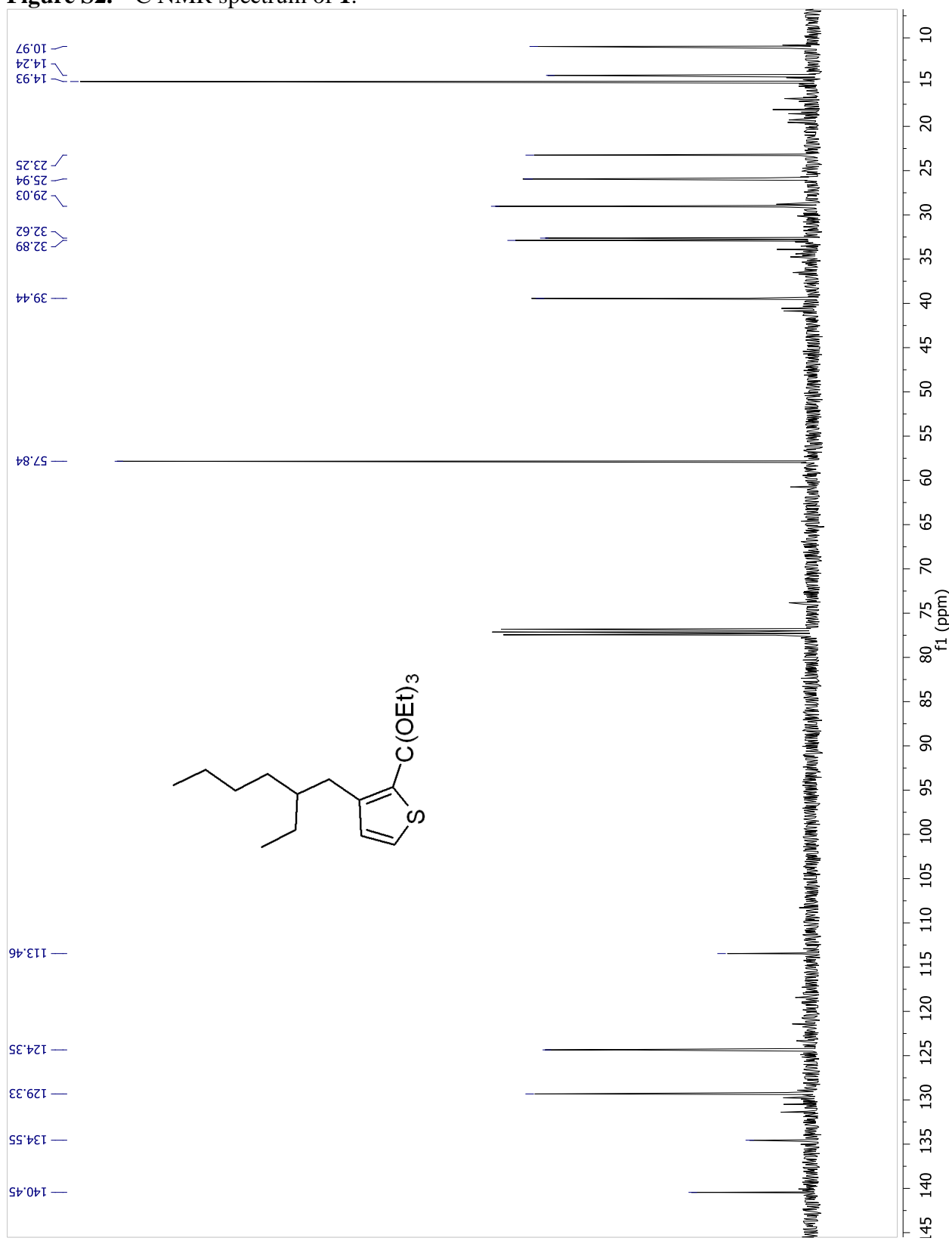


Figure S3. ¹H NMR spectrum of 2.

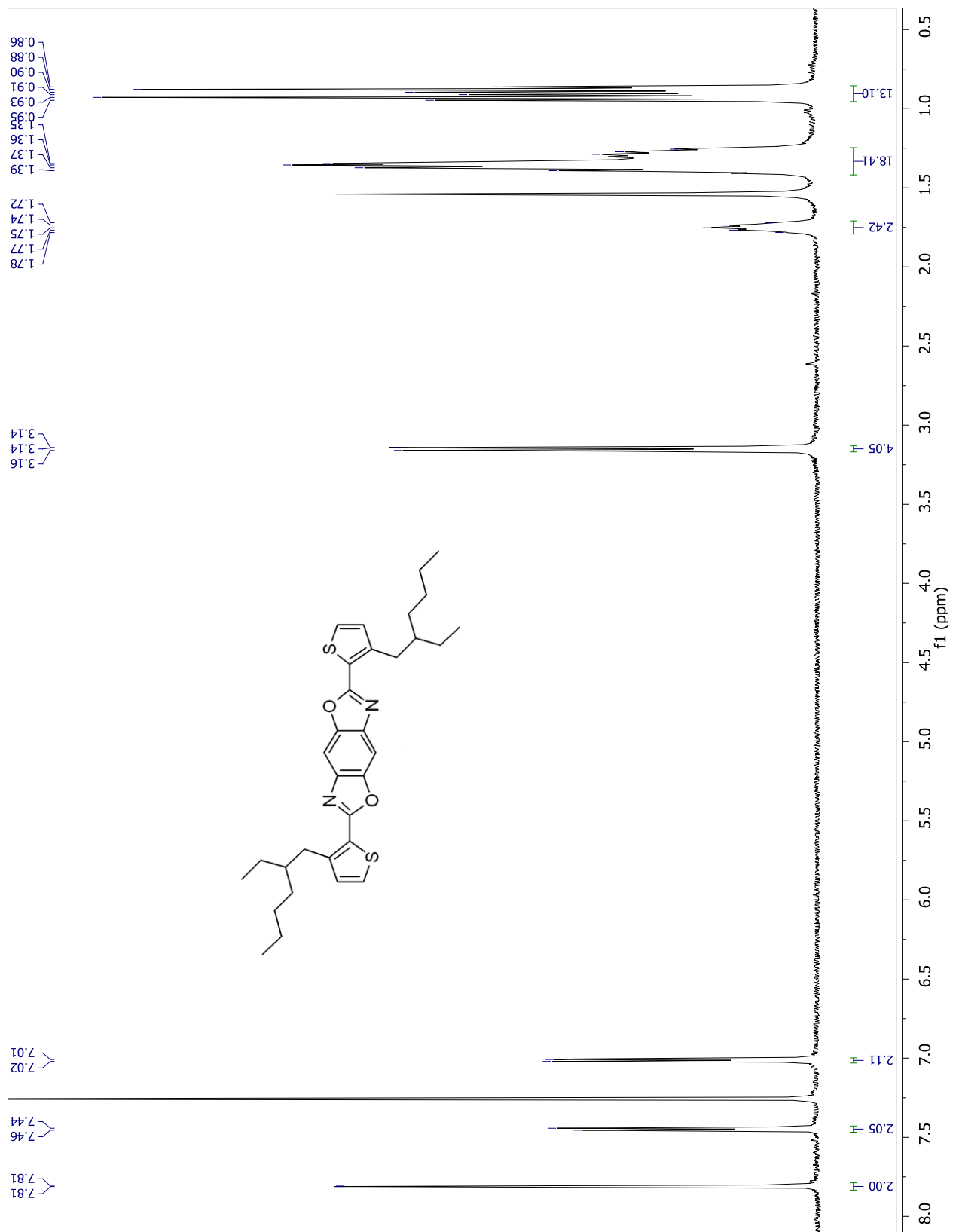


Figure S4. ^{13}C NMR spectrum of **2**.

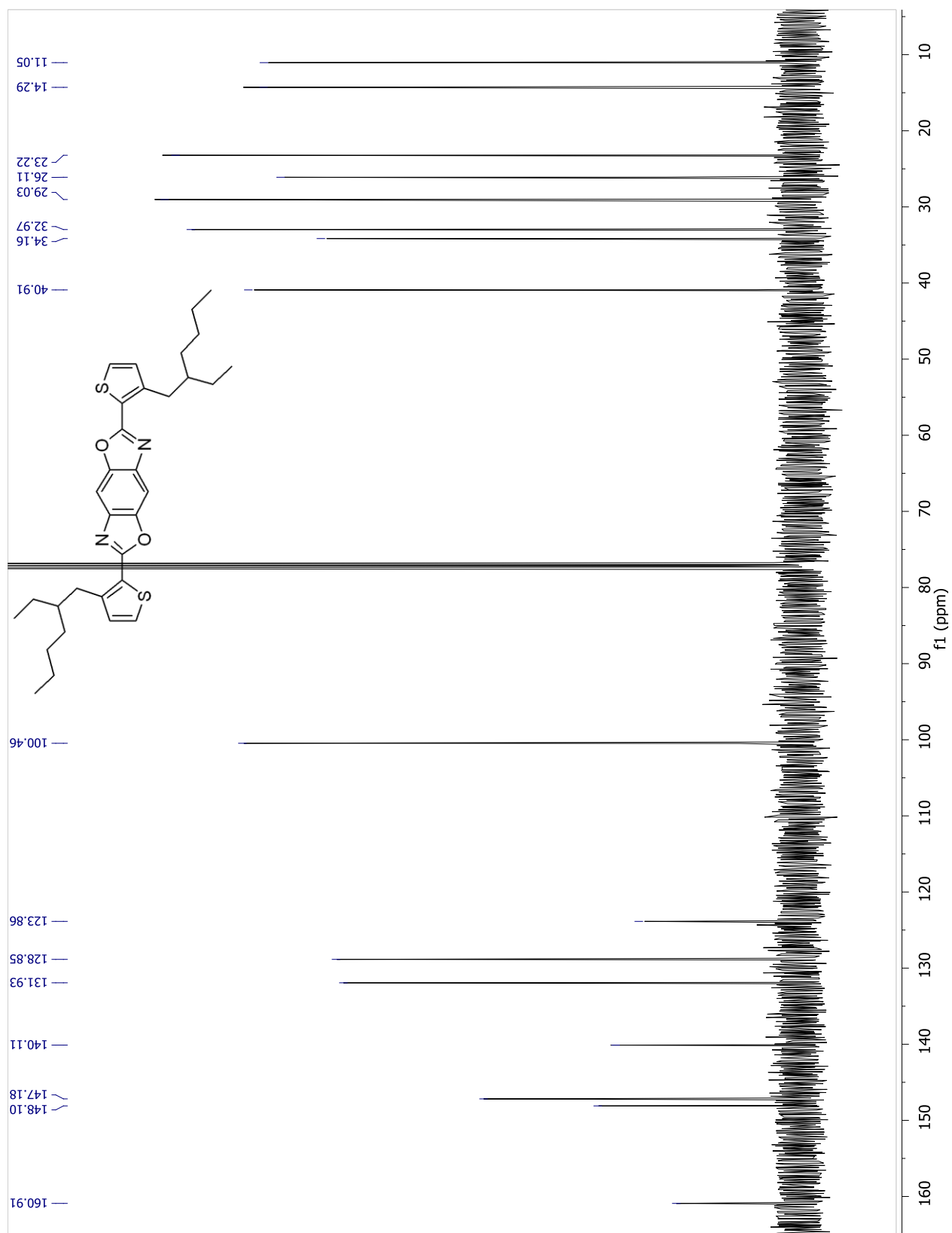


Figure S5. ^1H NMR spectrum of **3**.

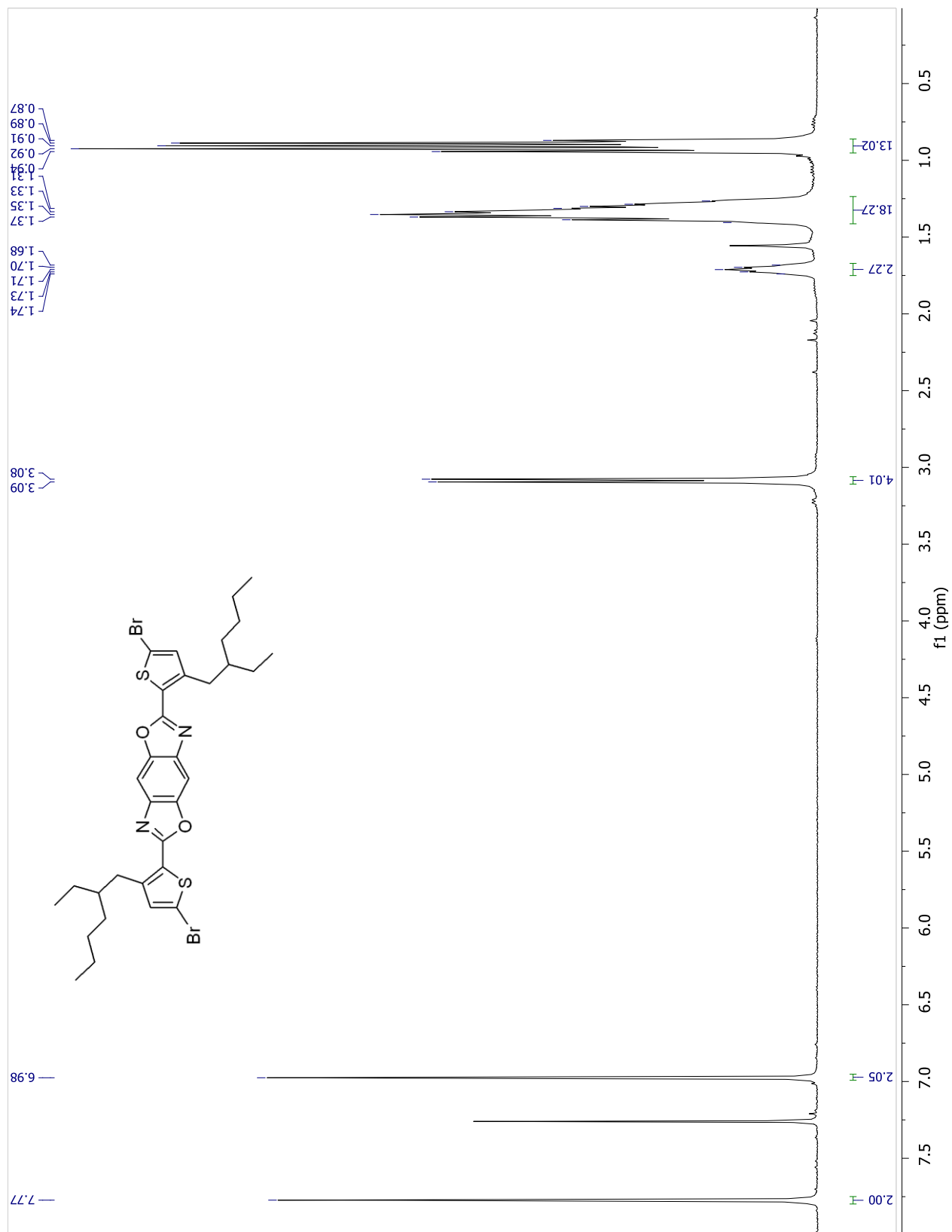


Figure S6. ^{13}C NMR spectrum of **3**.

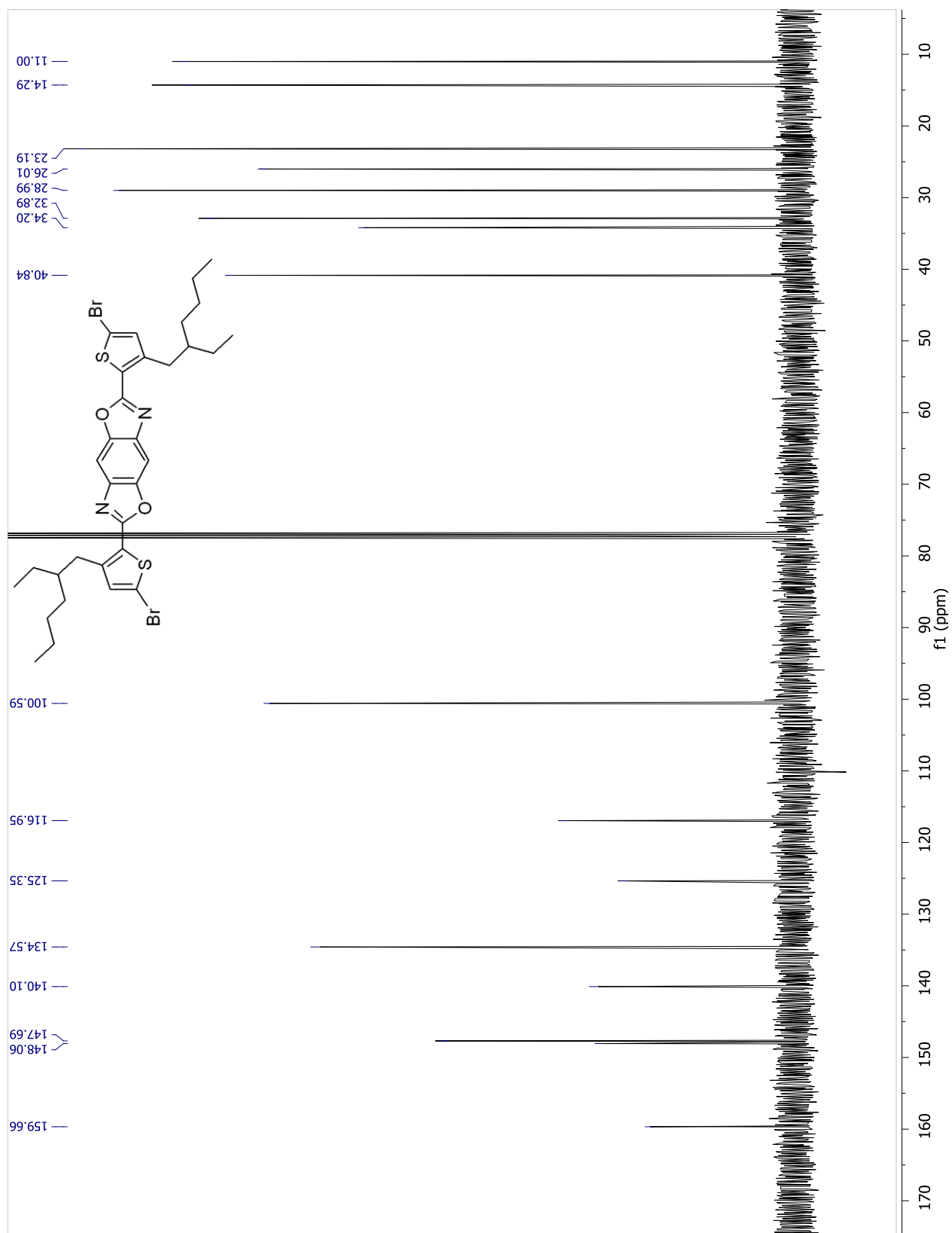


Figure S7. ¹H NMR spectrum of 4.

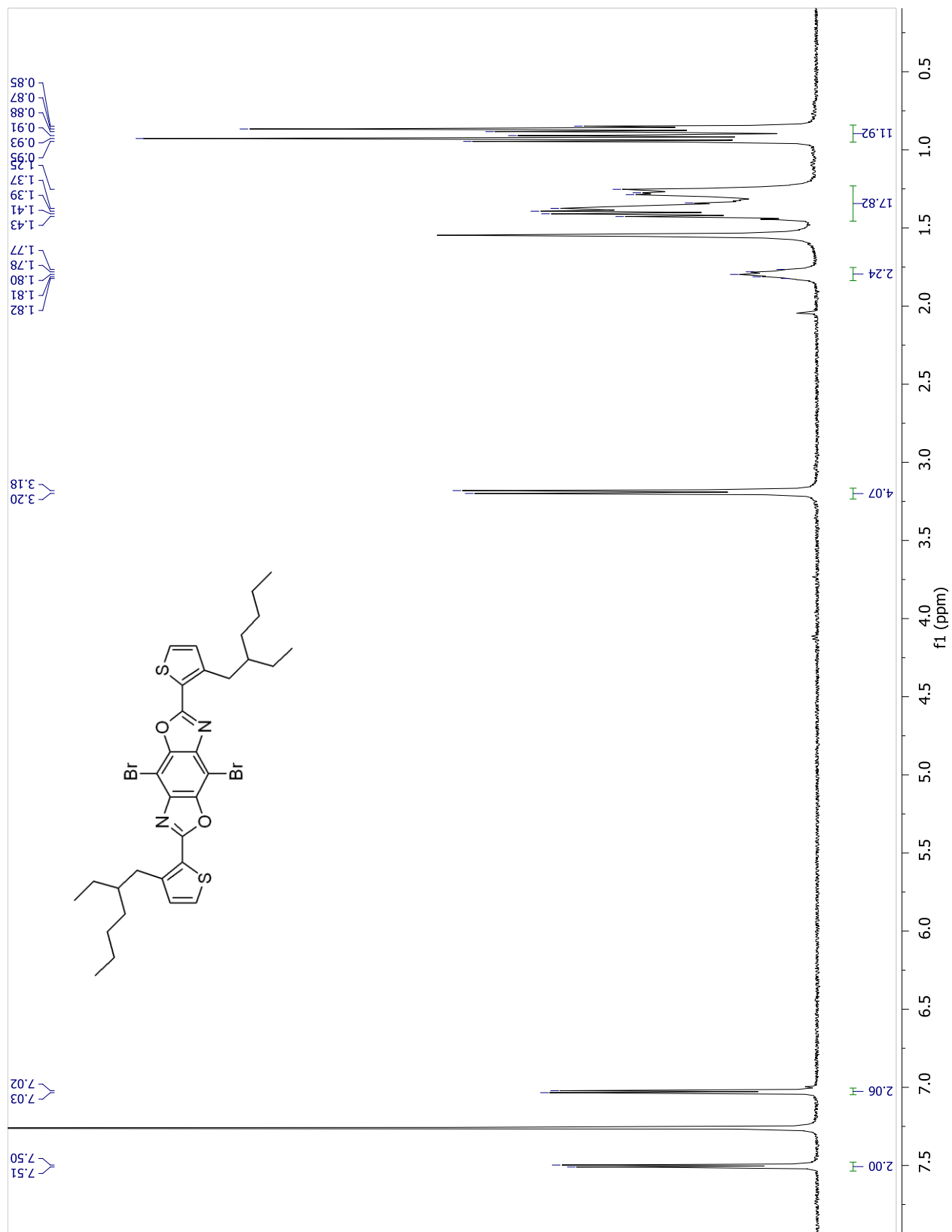


Figure S8. ^{13}C NMR spectrum of 4.

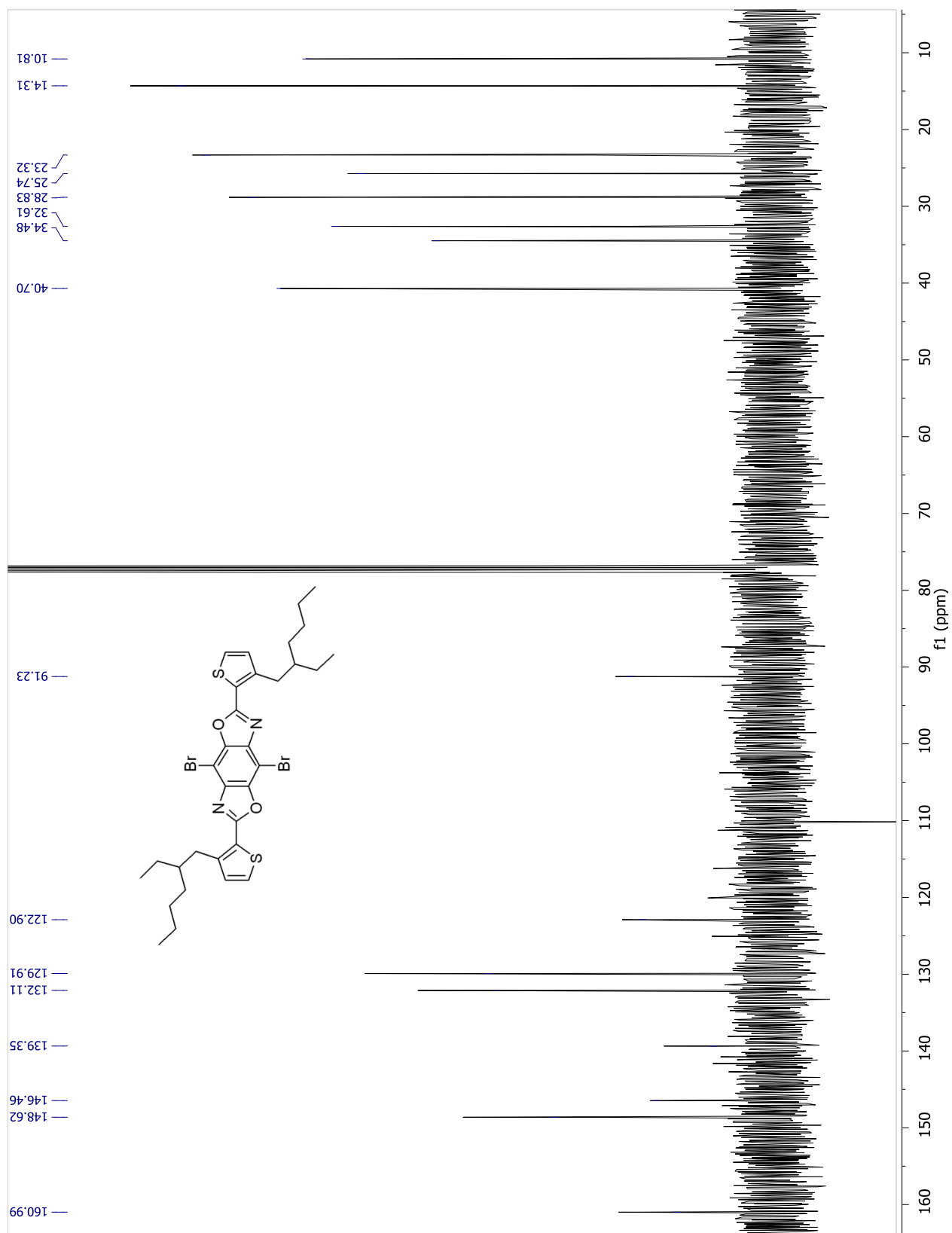


Figure S9. ^1H NMR spectrum of **5**.

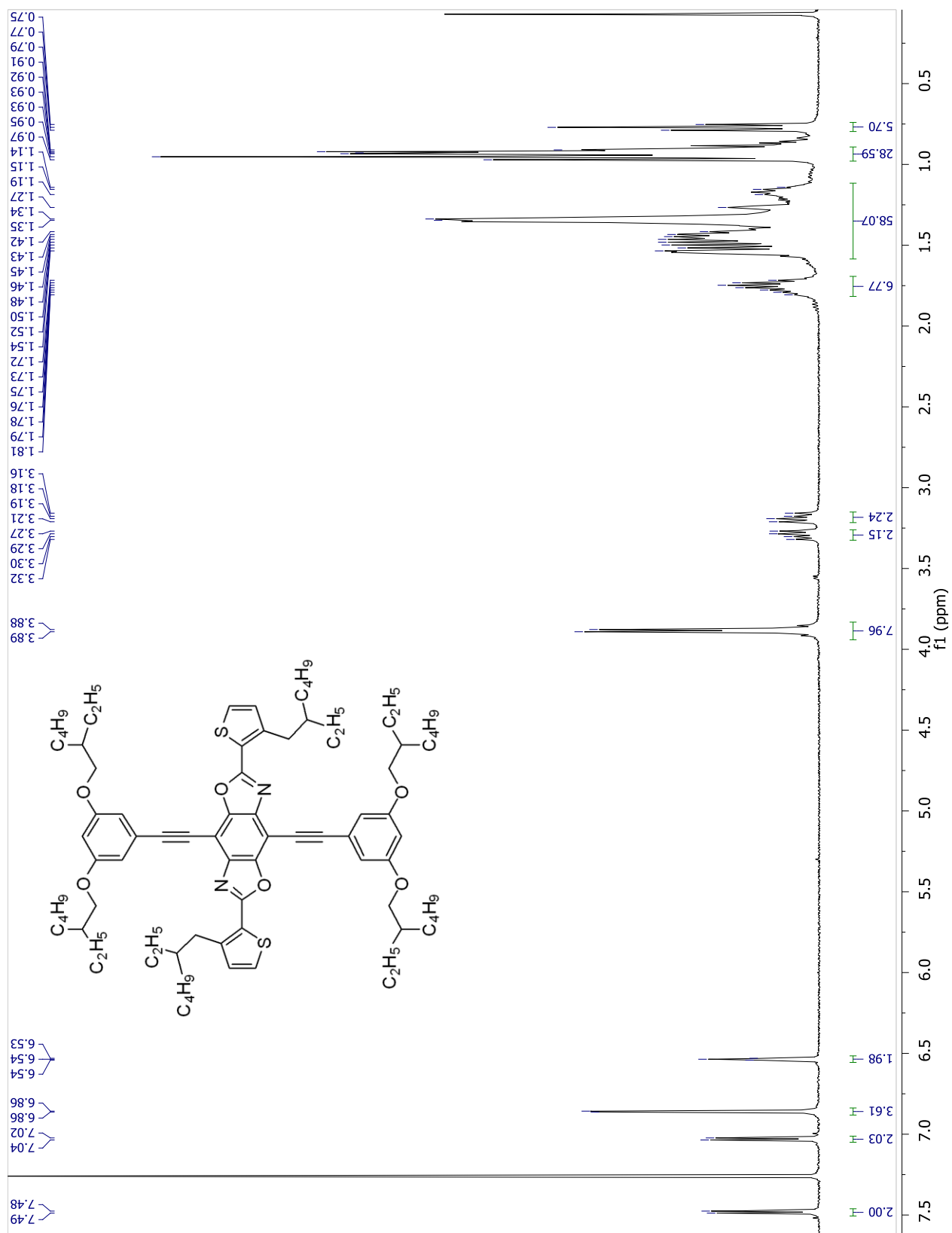


Figure S10. ^{13}C NMR spectrum of **5**.

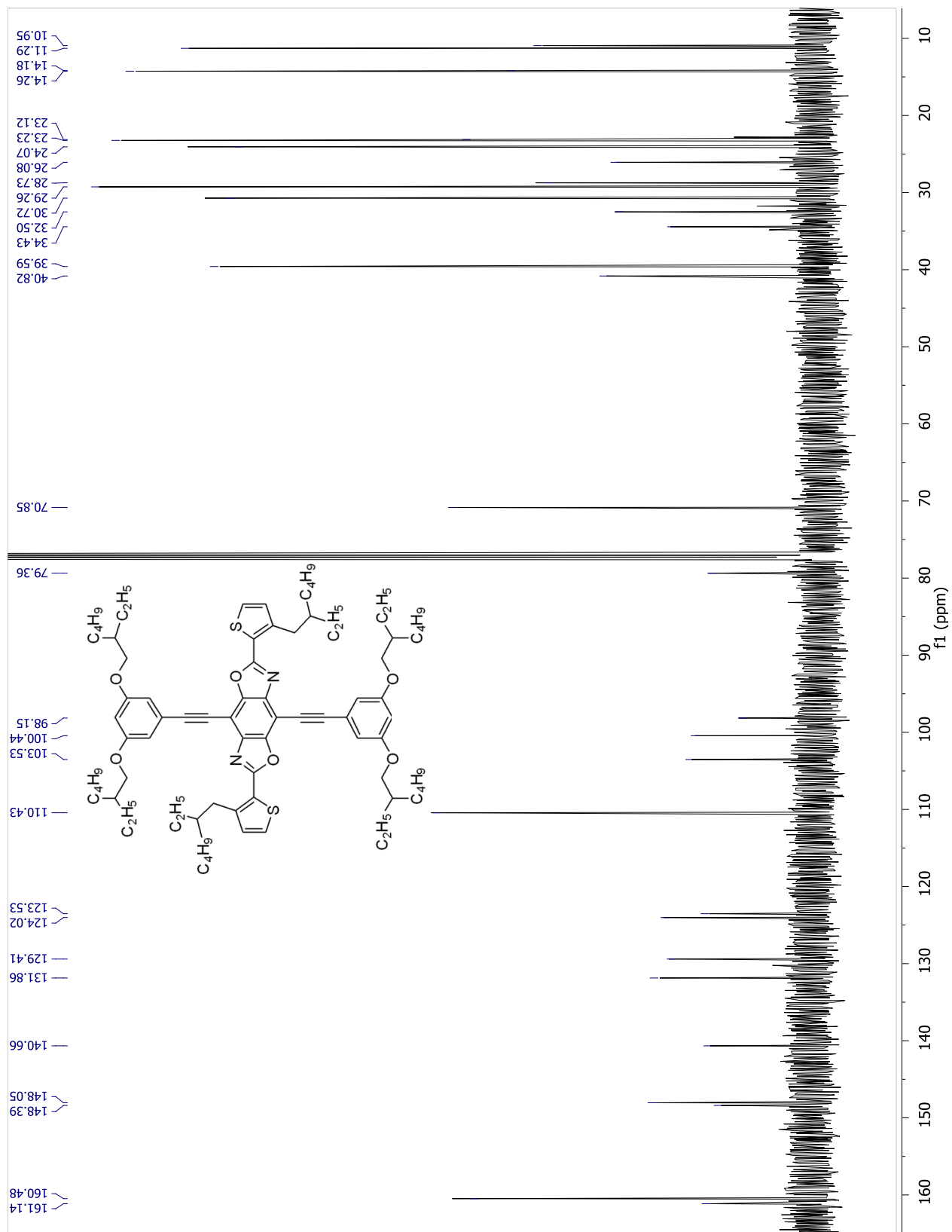


Figure S11. ^1H NMR spectrum of **6**.

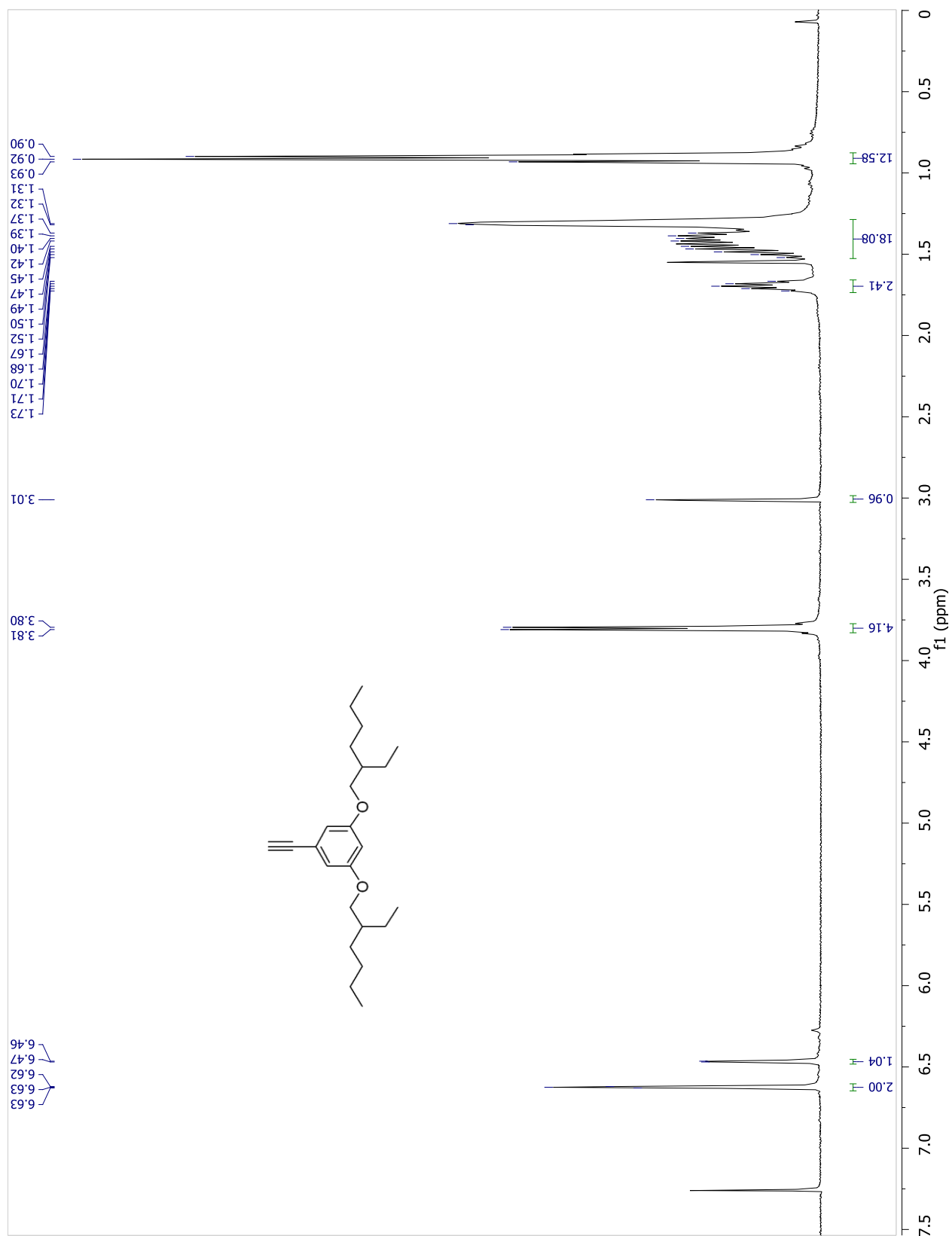


Figure S12. ^{13}C NMR spectrum of **6**.

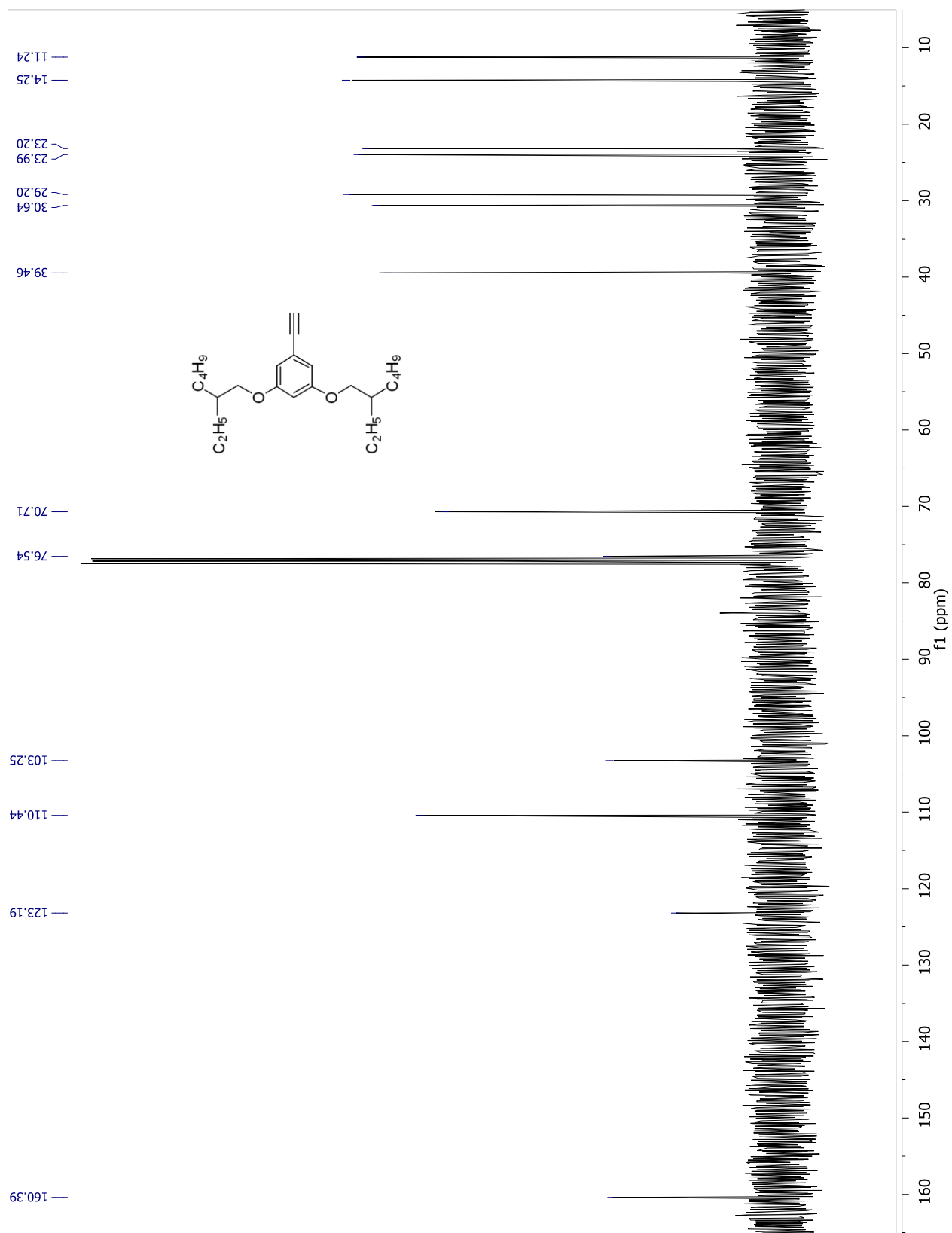


Figure S13. ^1H NMR spectrum of 7.

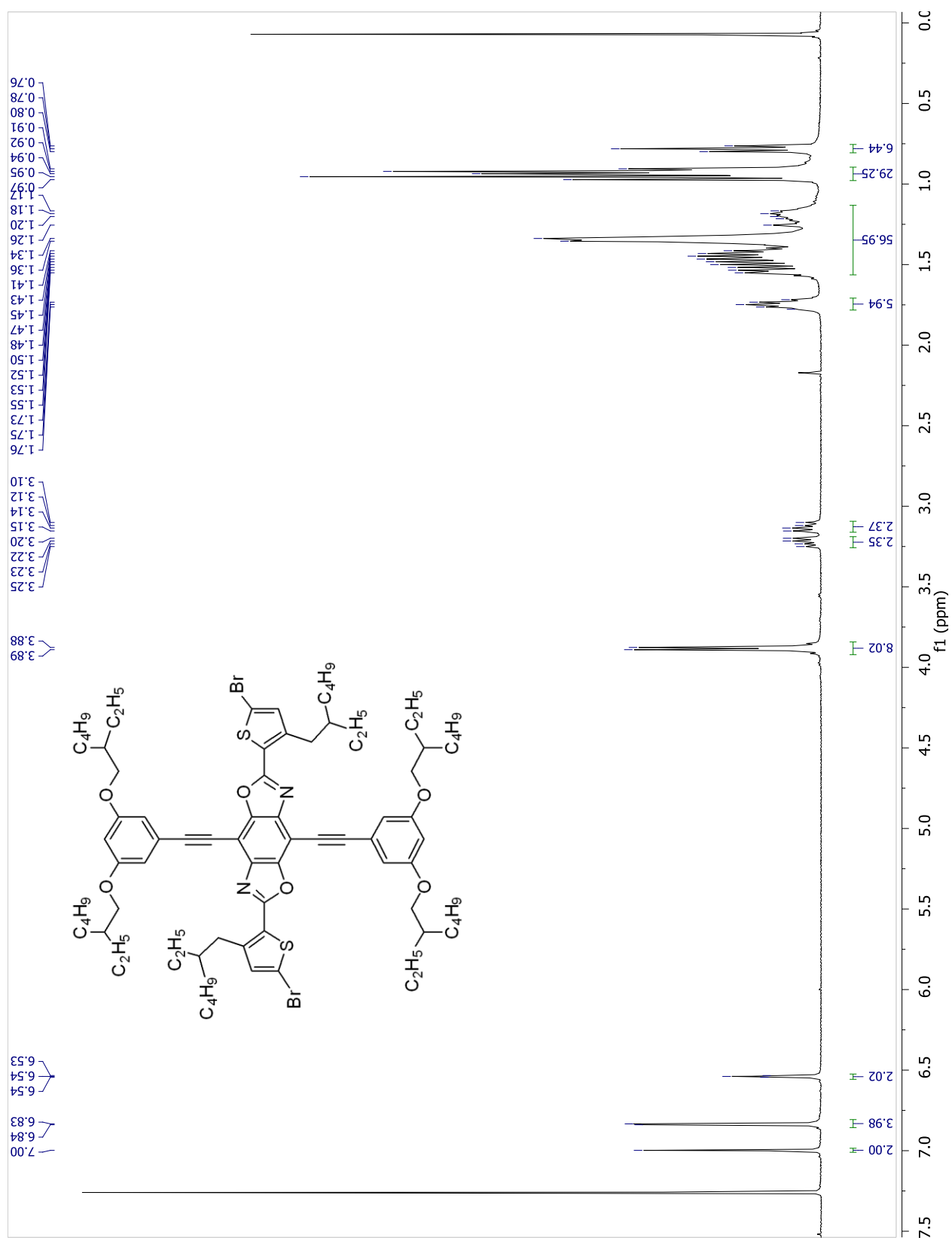


Figure S14. ^{13}C NMR spectrum of **7**.

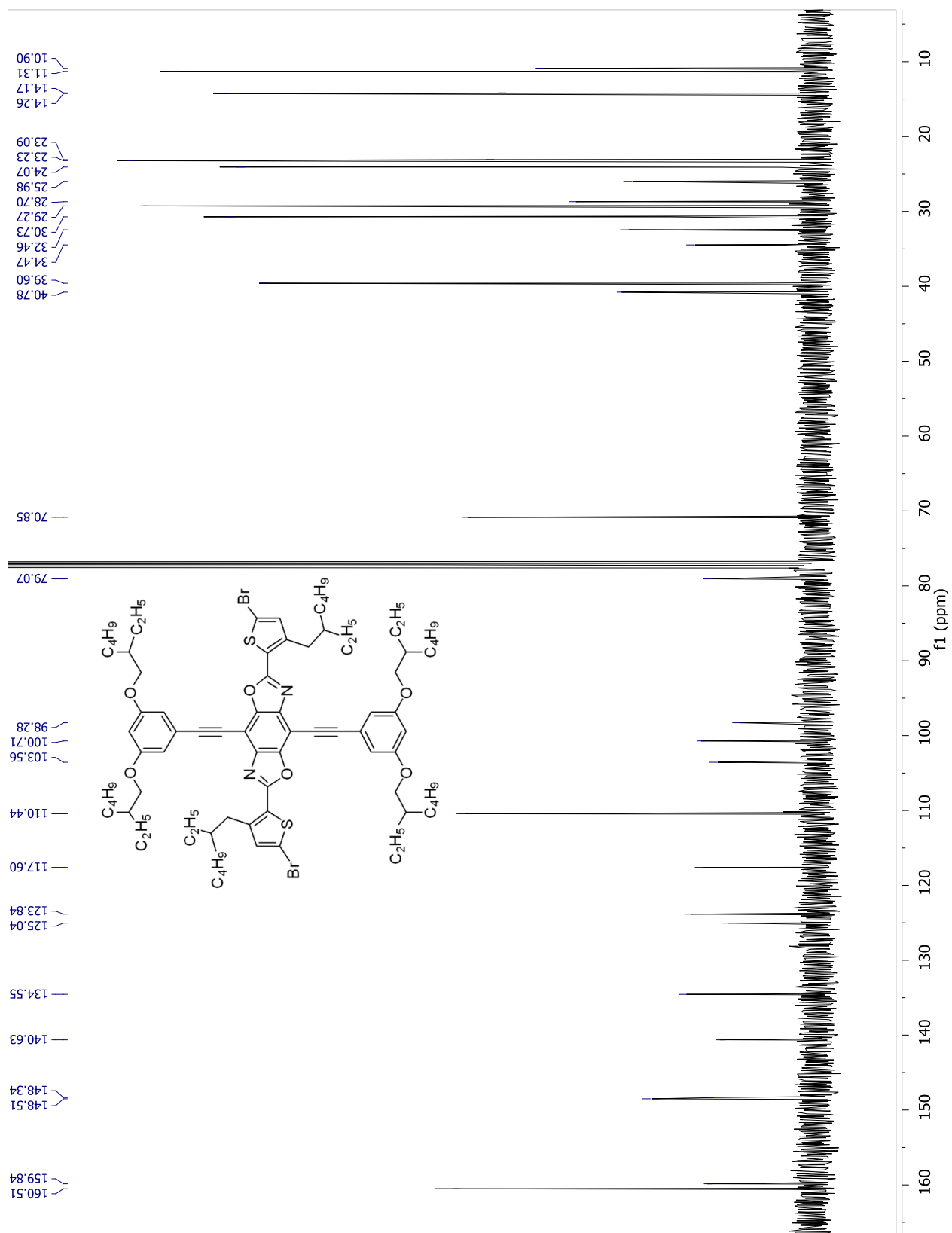


Figure S15. ^1H NMR spectrum of **9**.

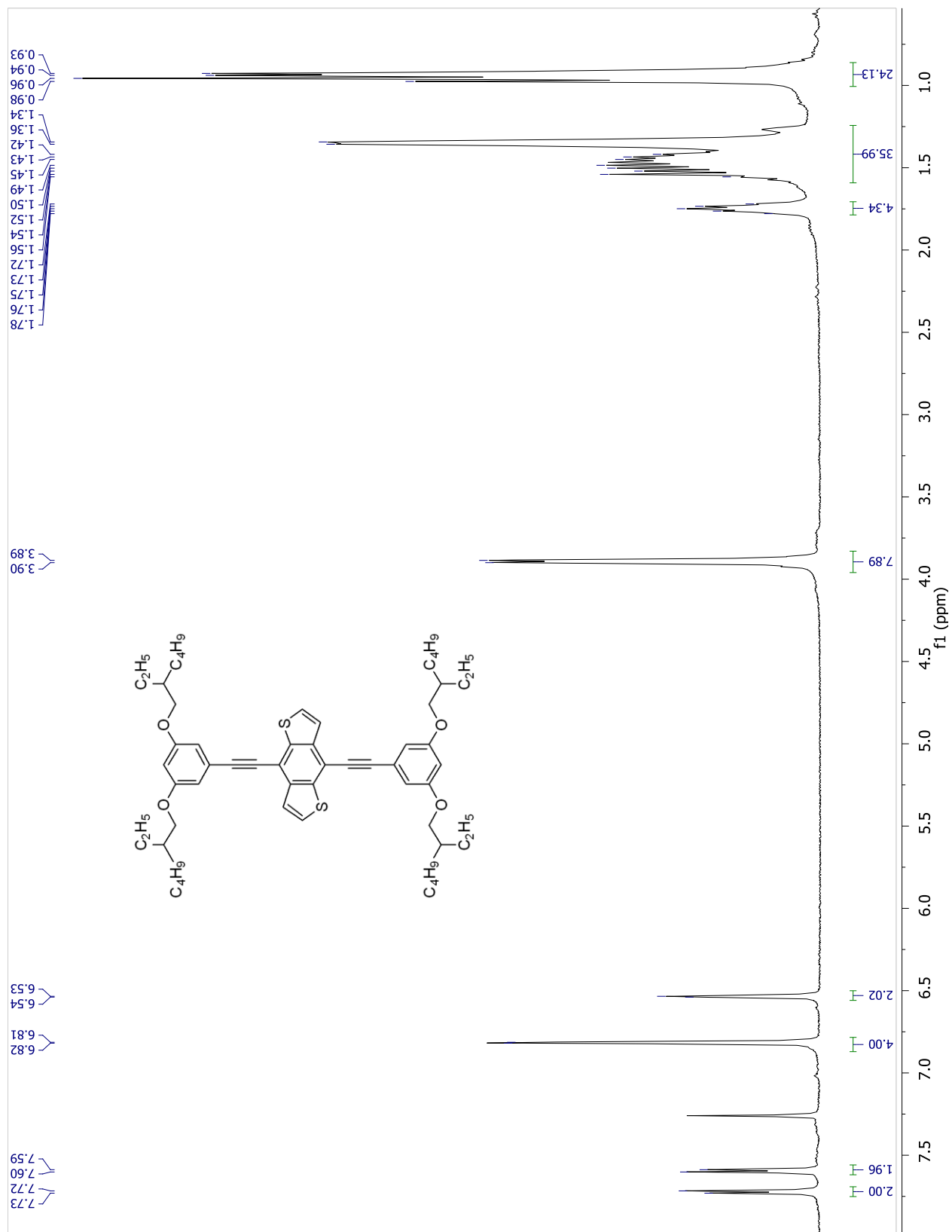


Figure S16. ^{13}C NMR spectrum of **9**.

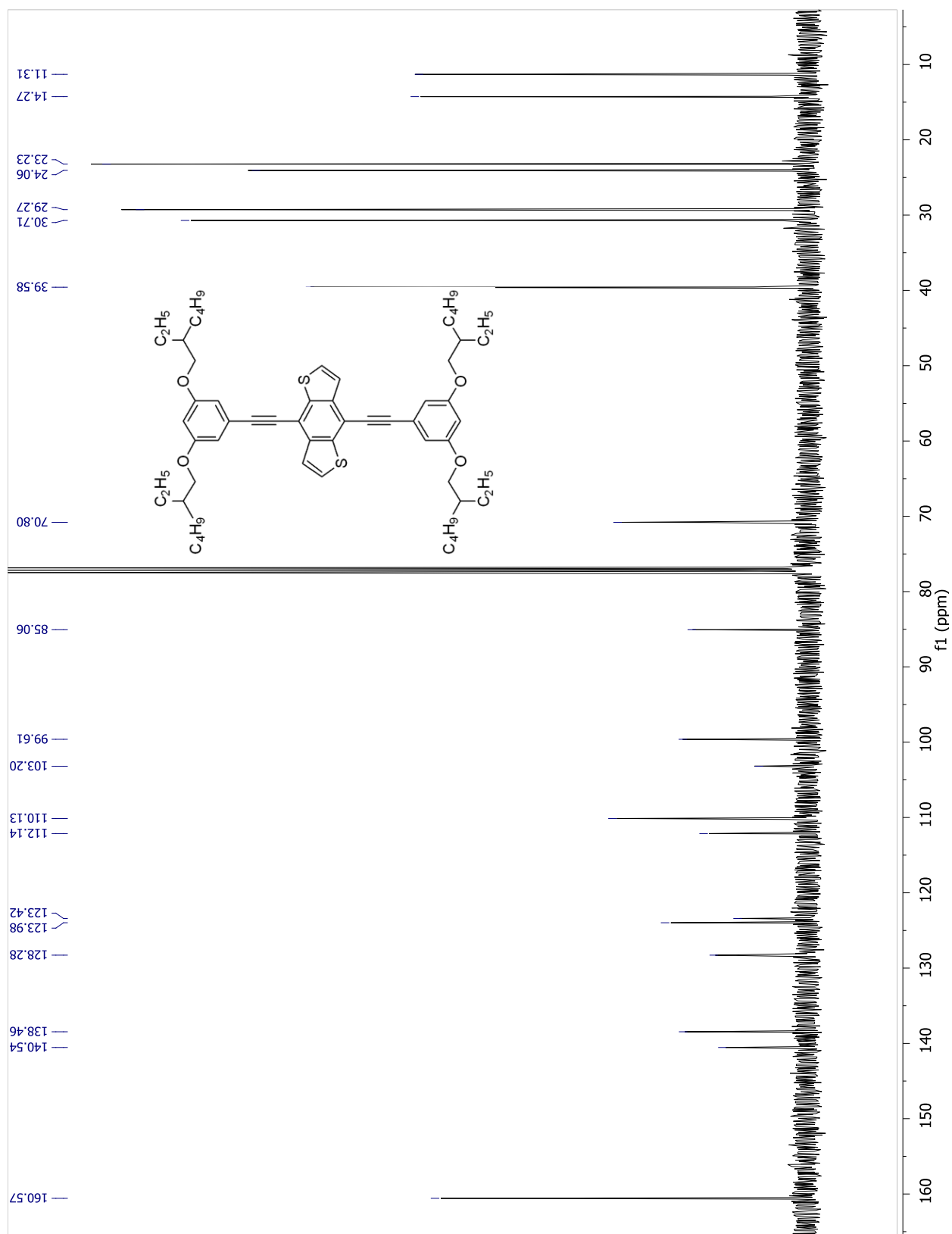


Figure S17. ^1H NMR spectrum of **11**.

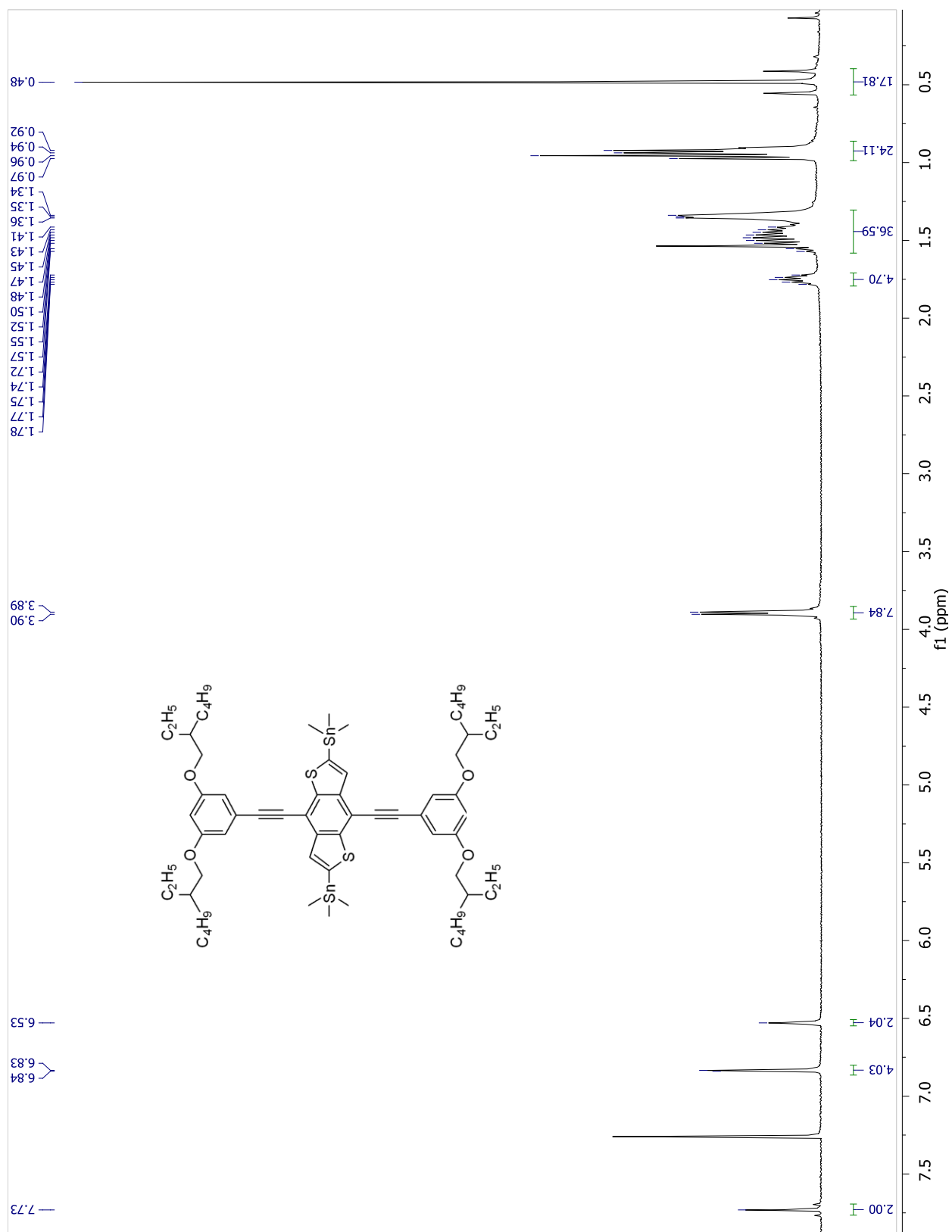


Figure S18. ^{13}C NMR spectrum of **11**.

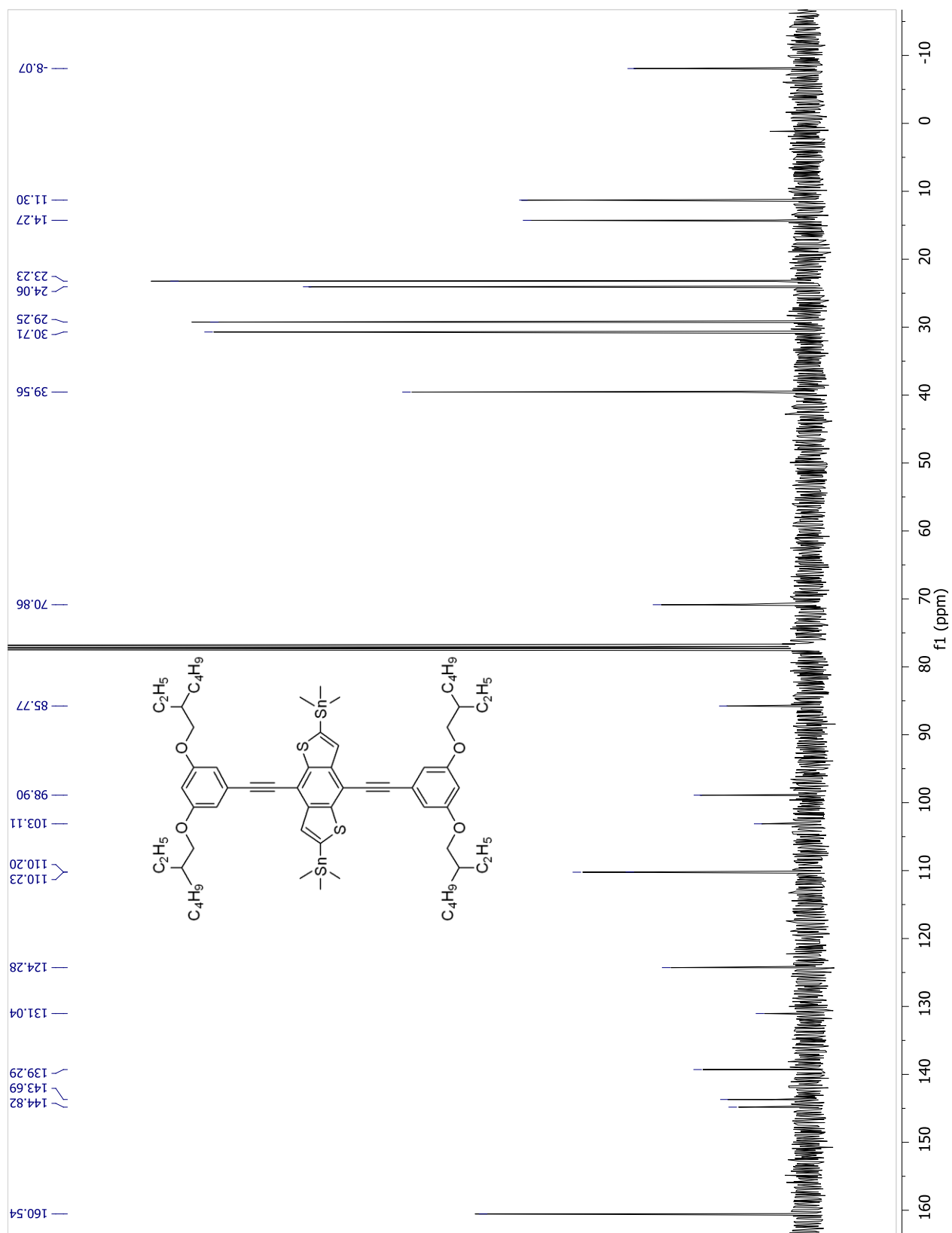


Figure S19. ^1H NMR spectrum of **P1**.

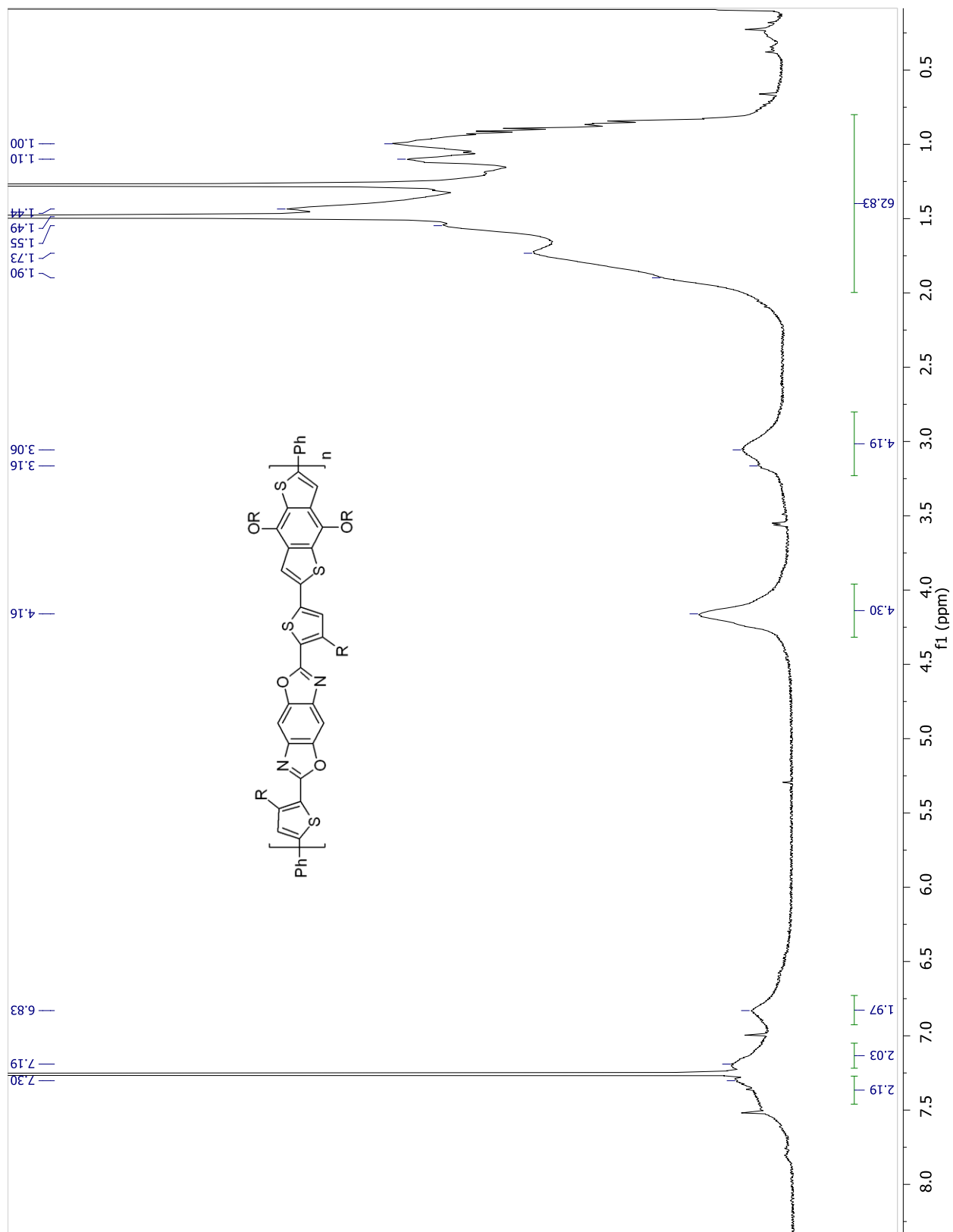


Figure S20. ^1H NMR spectrum of **P2**.

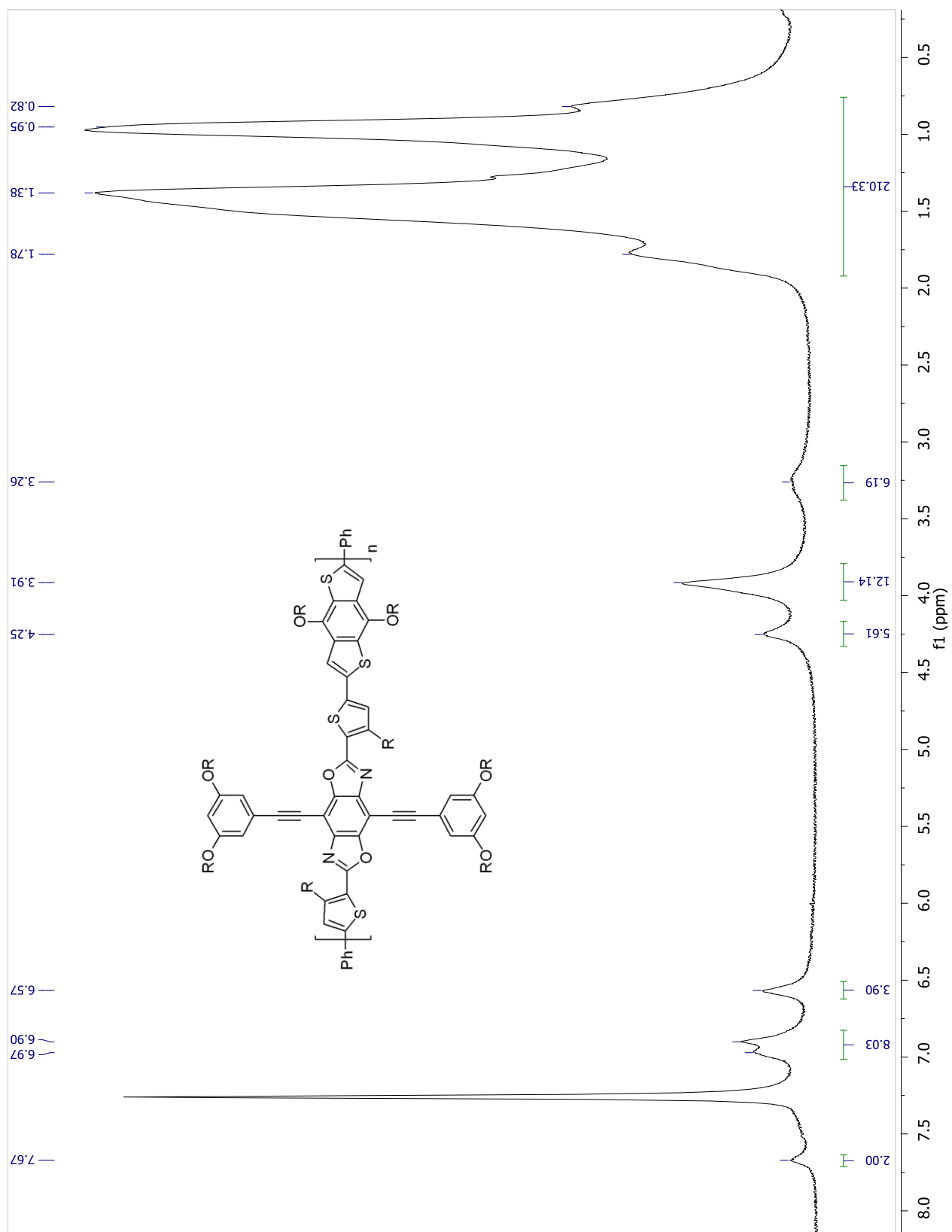


Figure S21. ^1H NMR spectrum of **P3**.

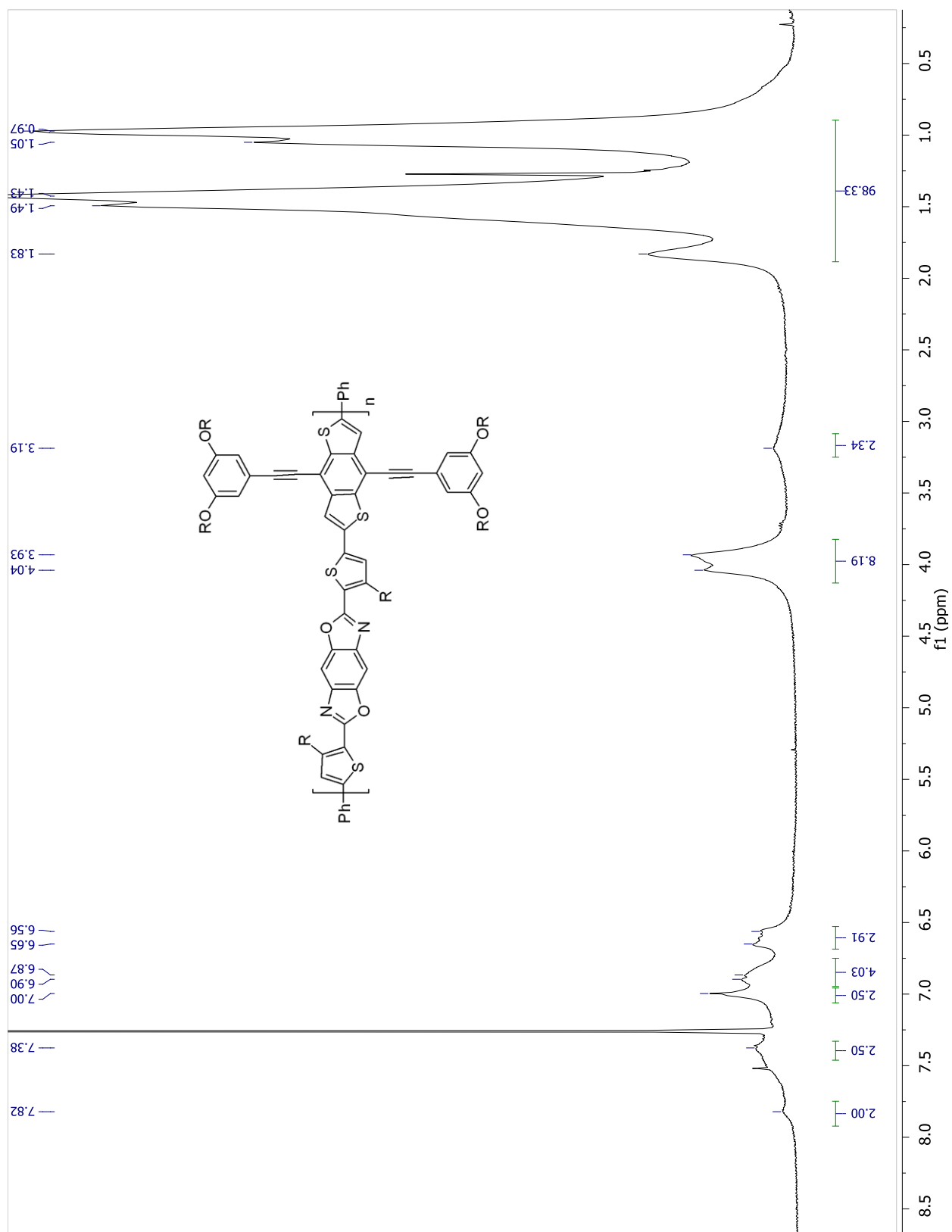


Figure S22. ¹H NMR spectrum of P4.

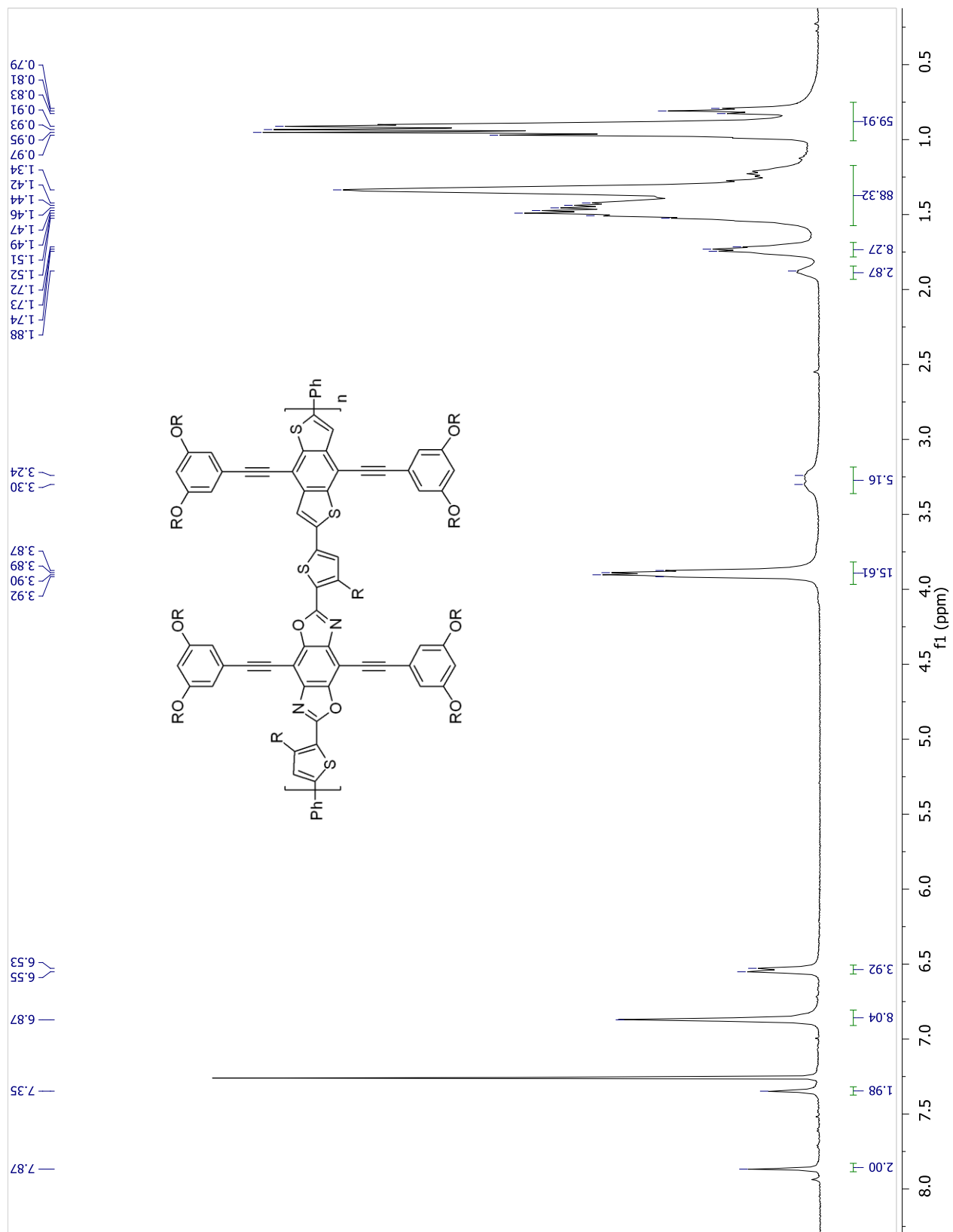


Figure S23. Individual and overlay cyclic voltammetry traces of polymers **P1-P4**.

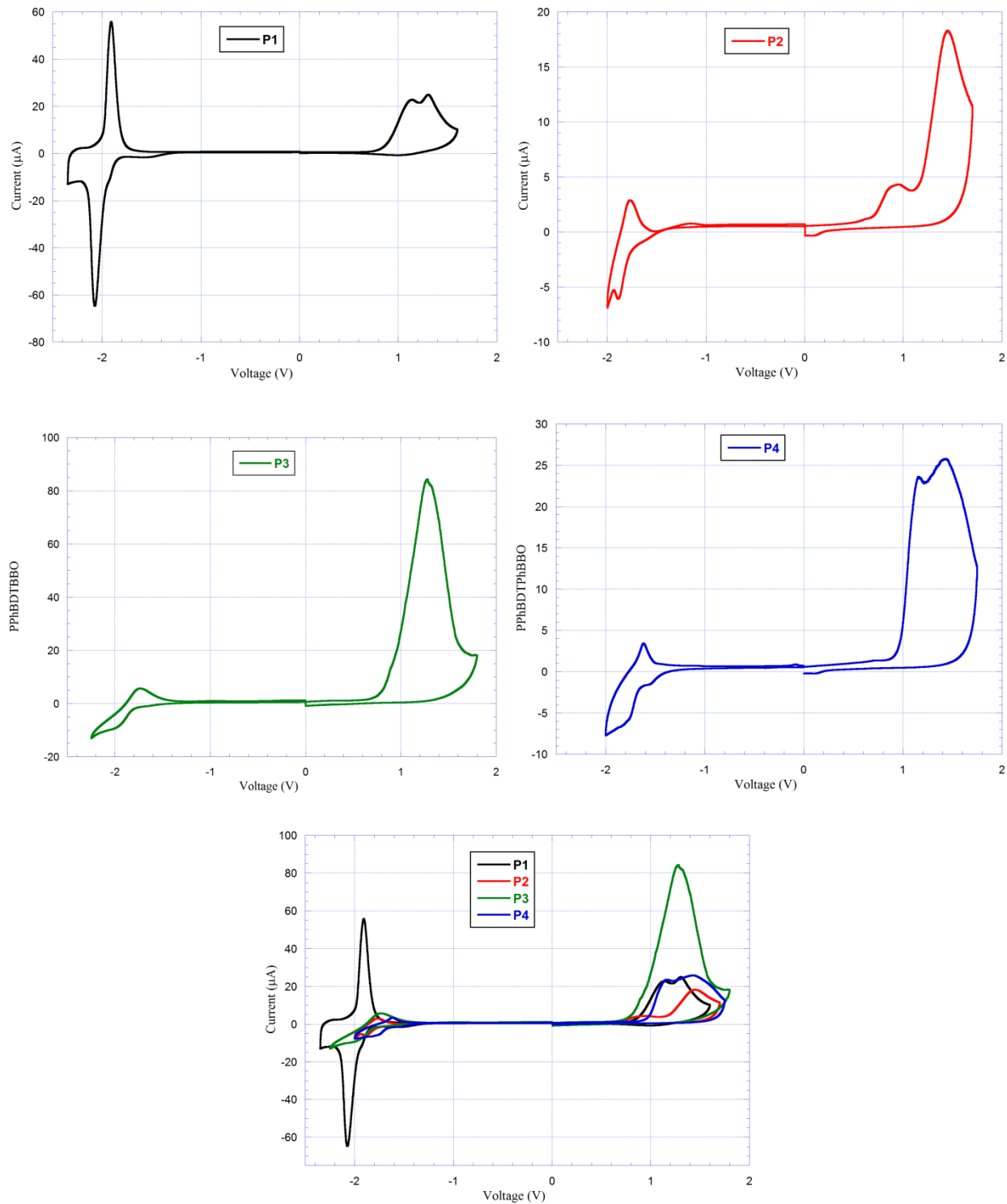


Figure S24. Normalized thin film UV-vis and emission spectra of **P1-P4**.

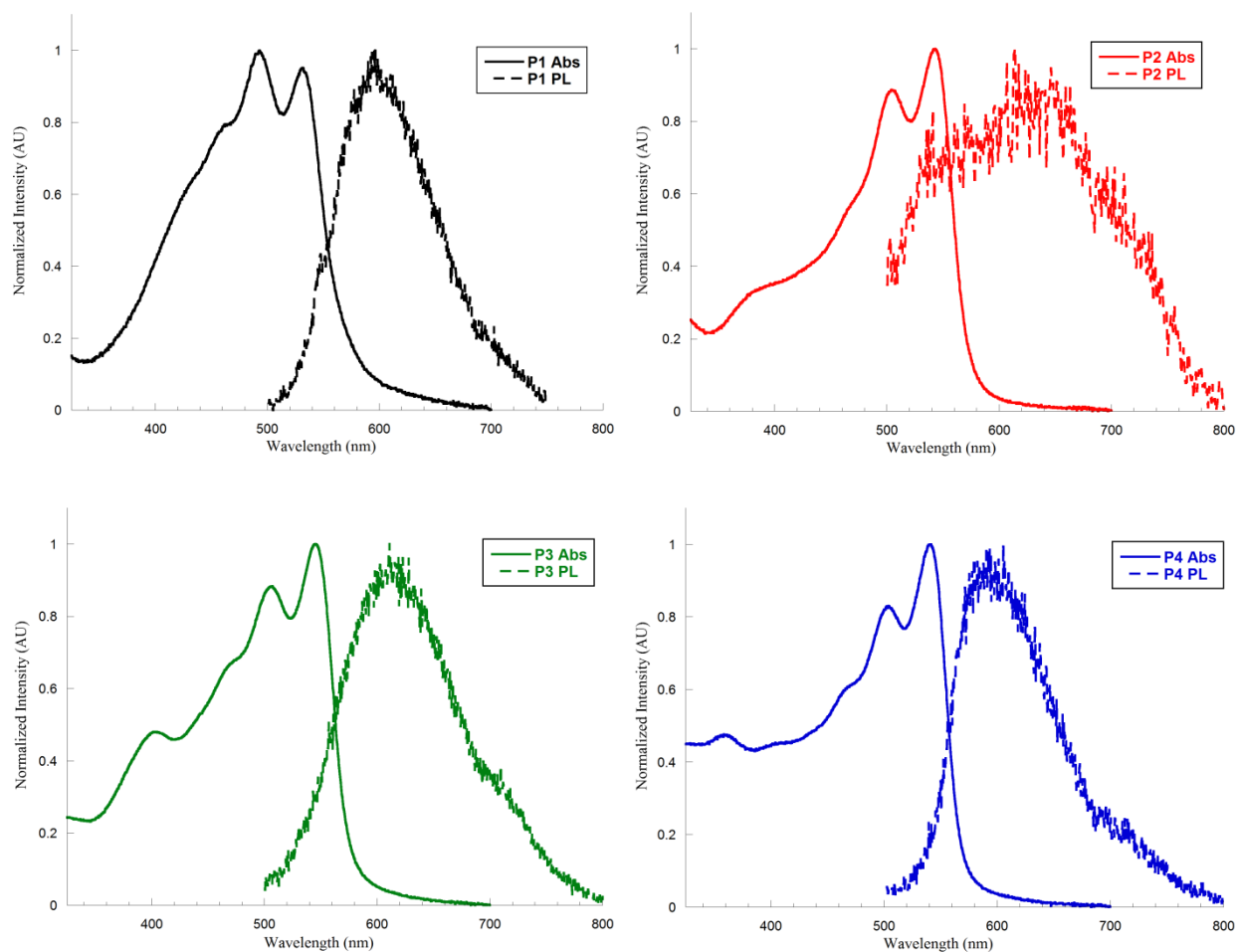


Figure S25. Normalized solution UV-vis and emission spectra of **P1-P4**.

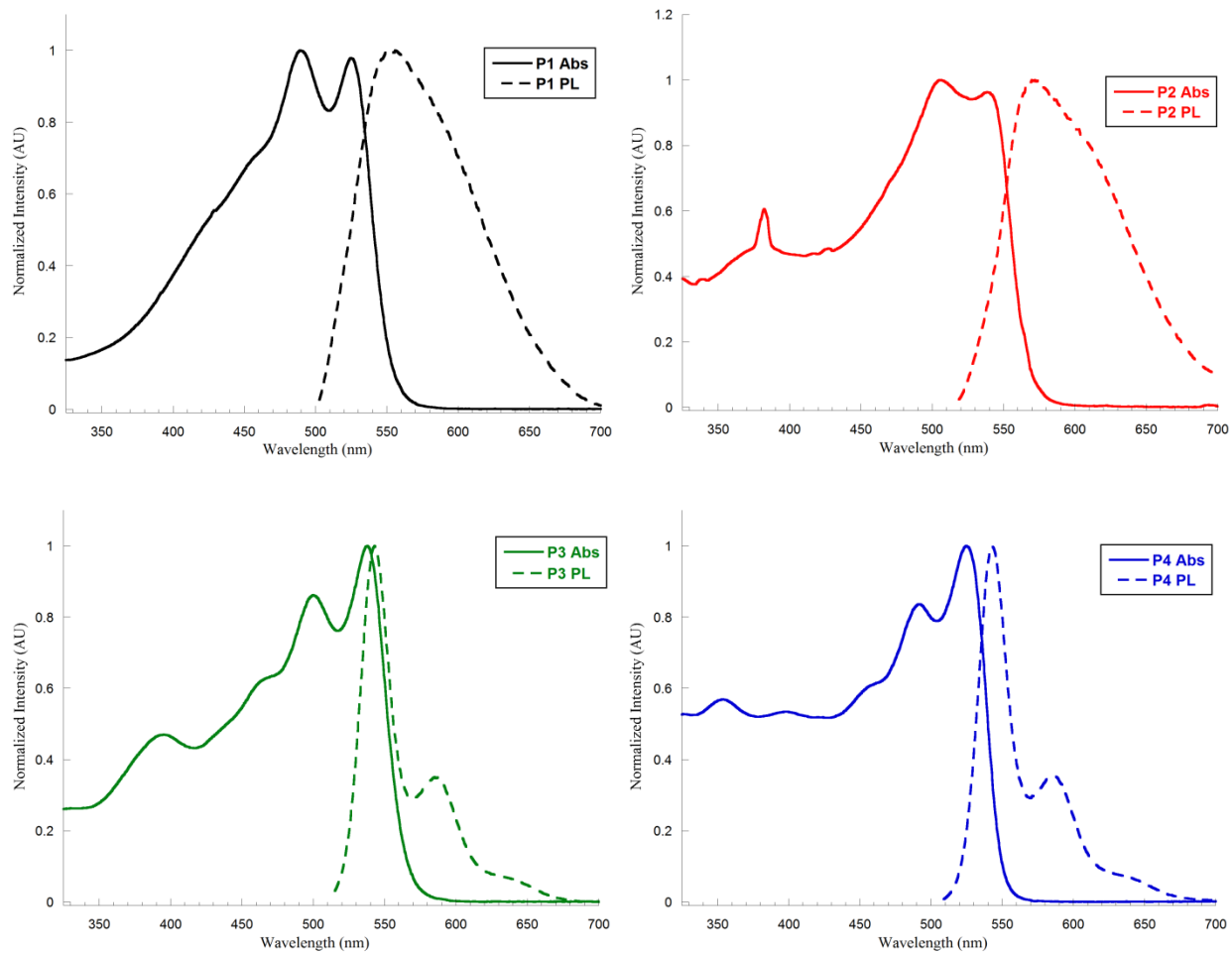


Figure S26. Normalized solution UV-Vis spectral comparison of polymers **P1-P4**.

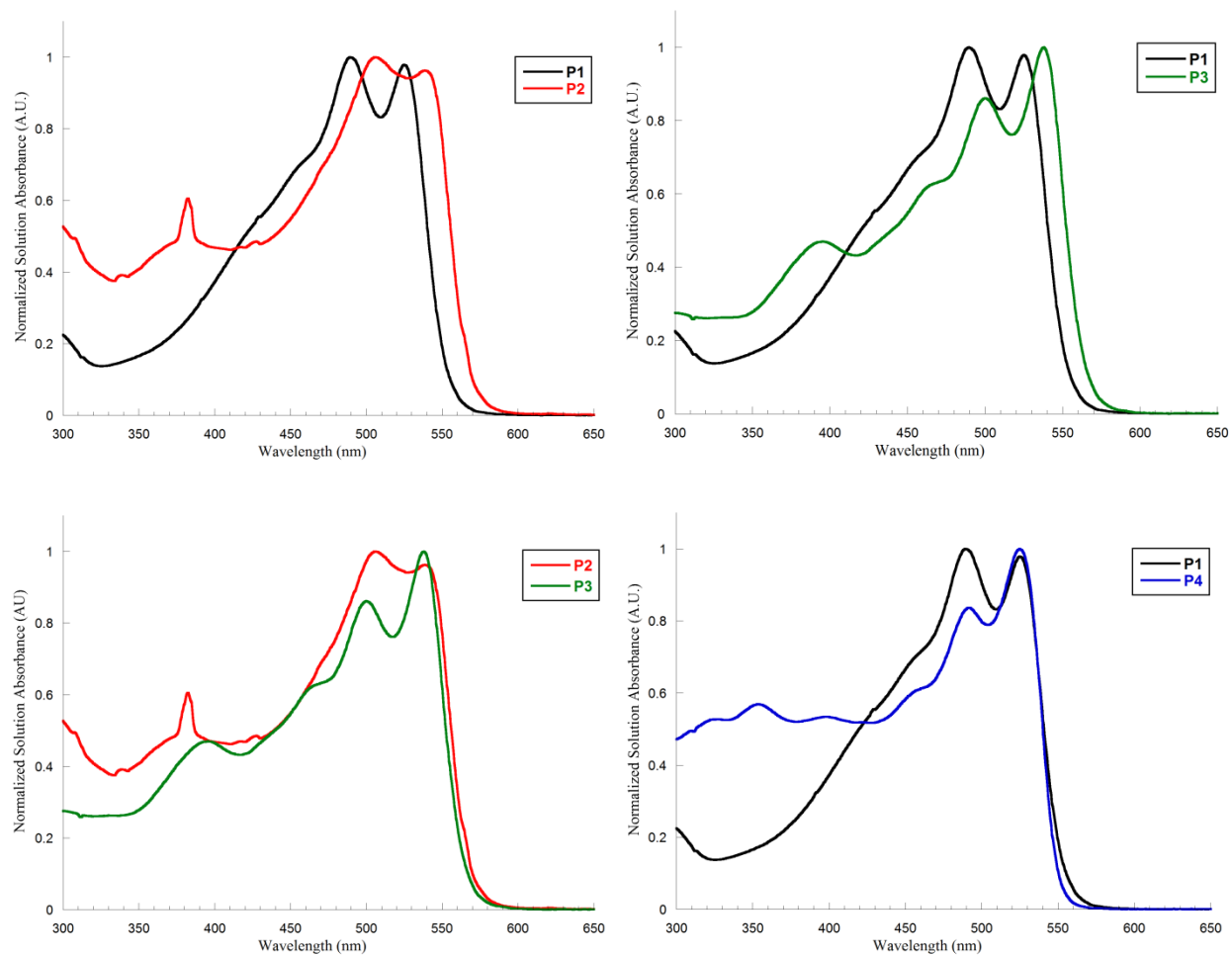


Figure S27. Normalized thin film UV-Vis spectral comparison of polymers **P1-P4**.

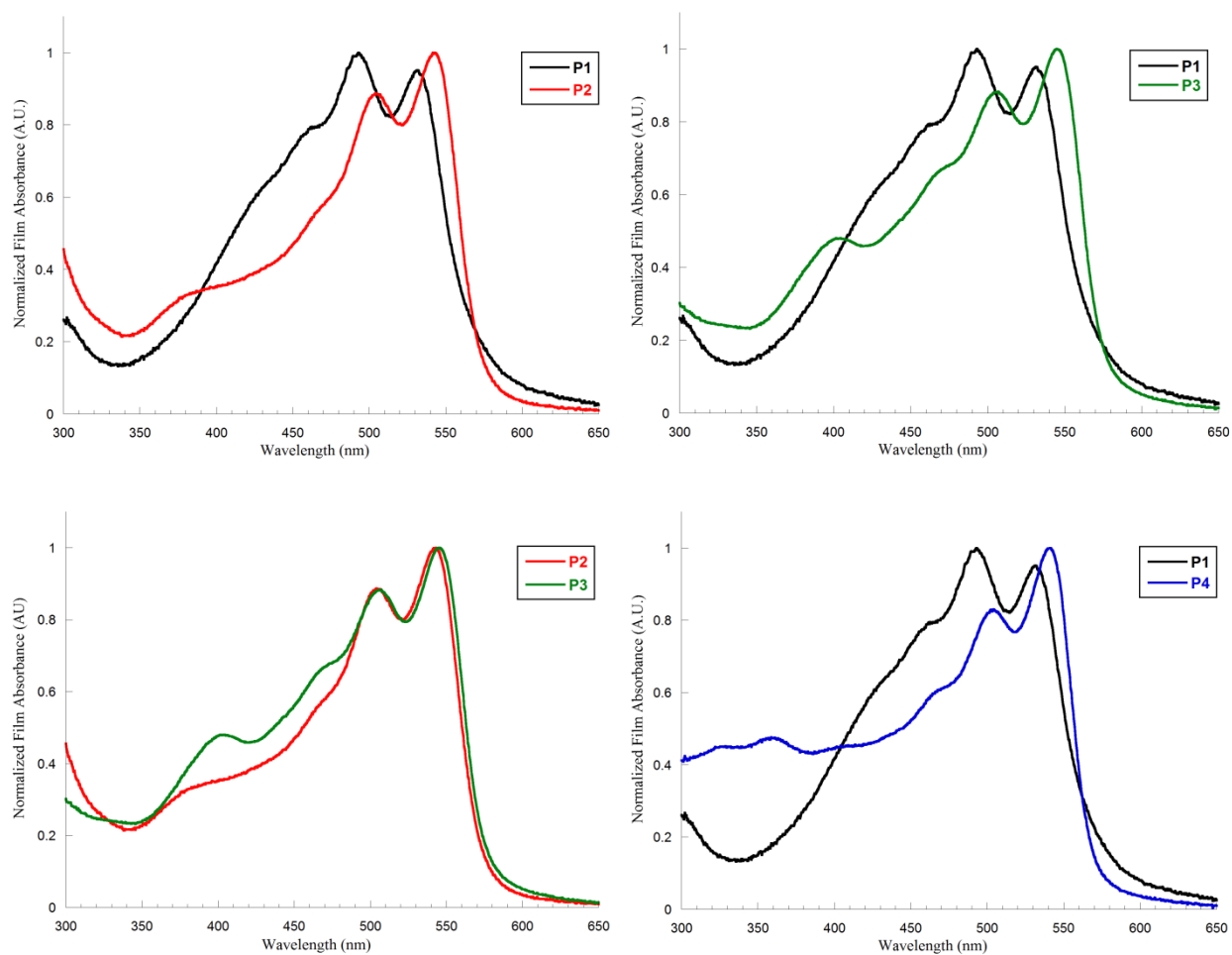


Figure 28. Differential Scanning Calorimetry of P1-P2.

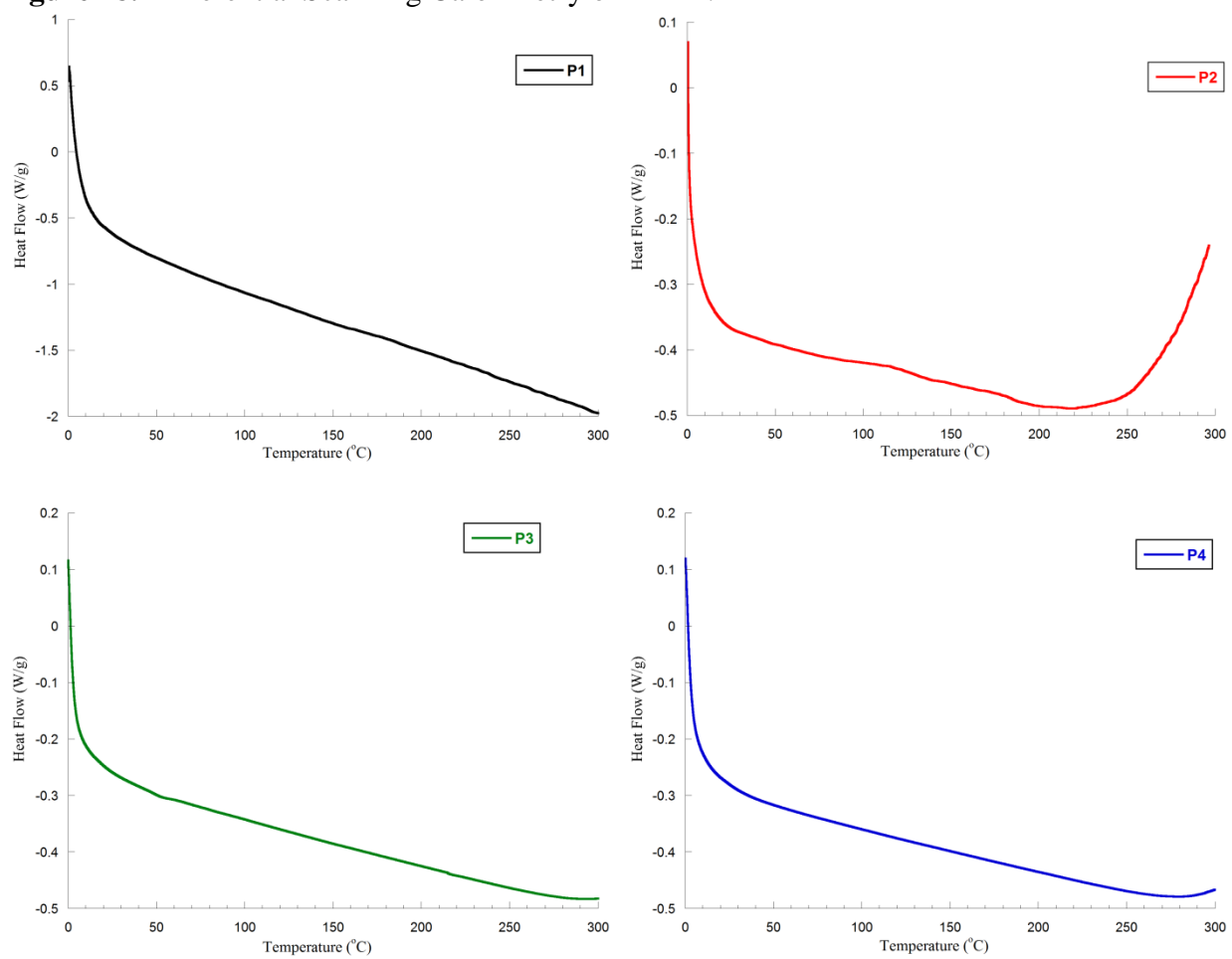


Figure S29. Thermogravimetric Analysis of **P1-P4**.

