

Supplementary Information

Side-Chain Liquid-Crystalline Polymer Tetrazoles: Synthesis and Characterization

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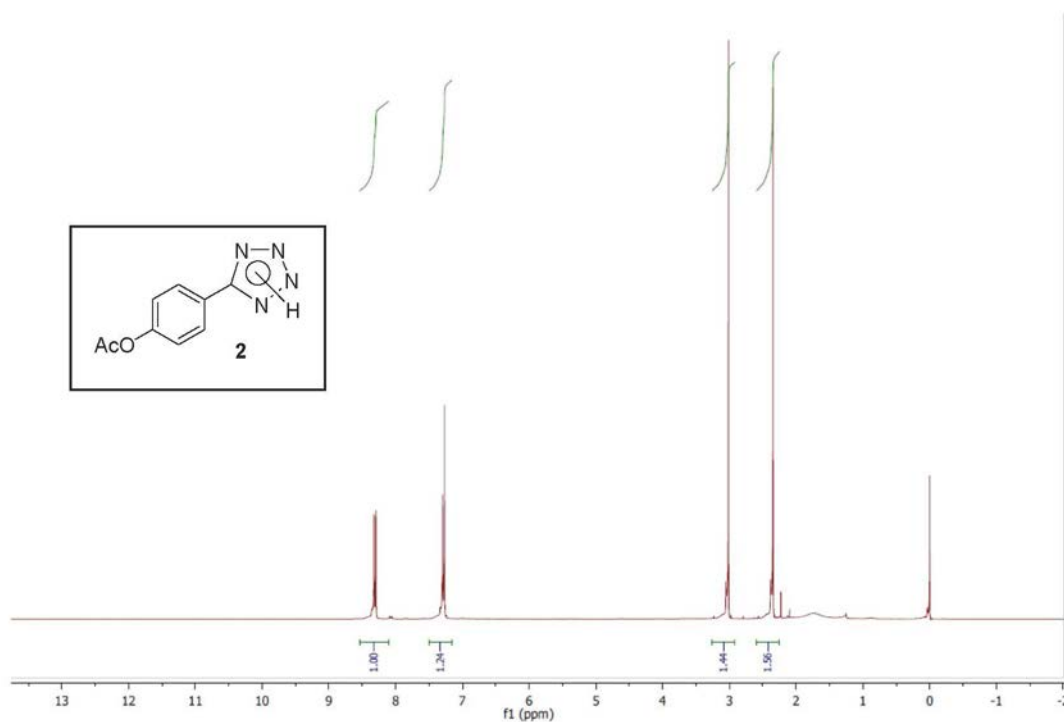


Figure S1. ¹H NMR spectrum (CDCl₃, 300 MHz) of 2.

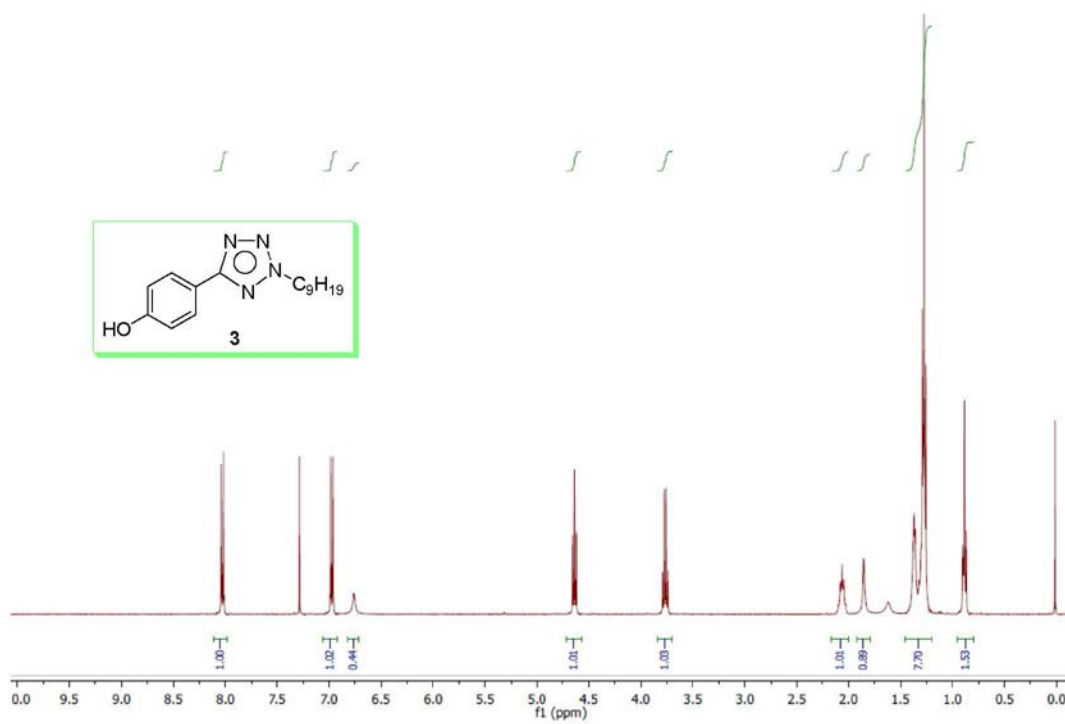


Figure S2. ¹H NMR spectrum (CDCl₃, 300 MHz) of **3** (solvent peak at 3.7 ppm).

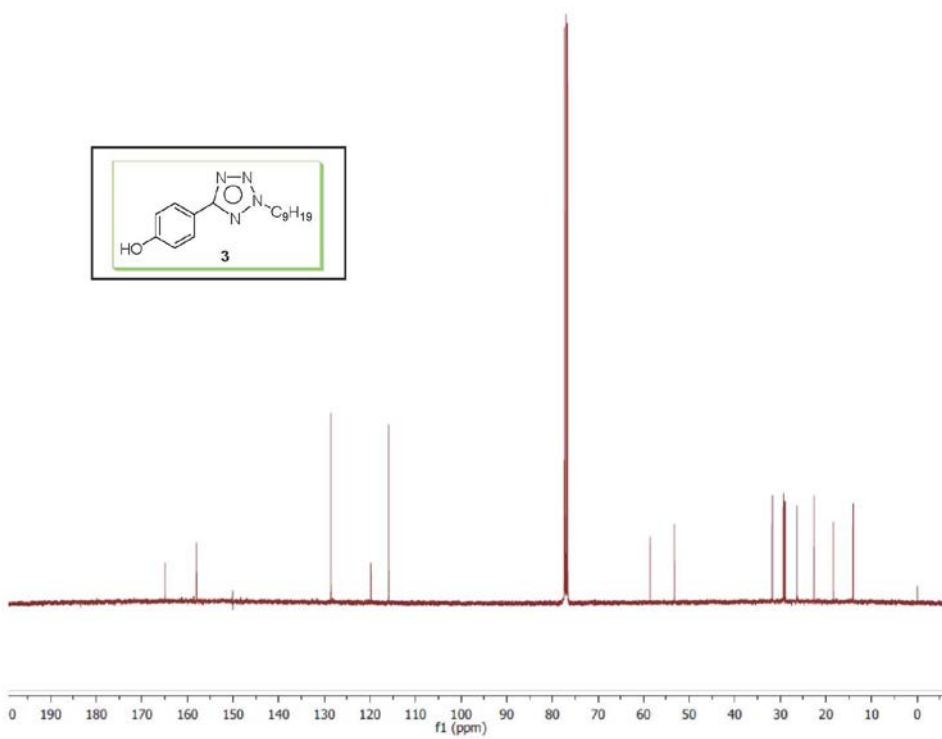


Figure S3. ¹³C NMR spectrum (CDCl₃, 75 MHz) of **3**.

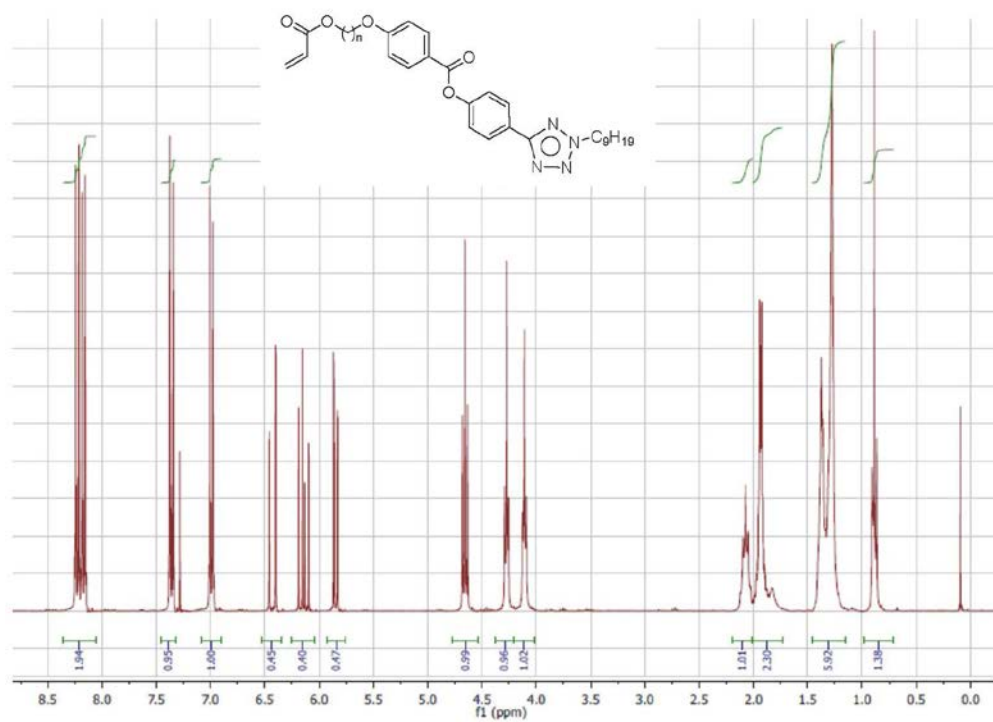


Figure S4. ¹H NMR spectrum (CDCl₃, 300 MHz) of monomer **9** (n = 4).

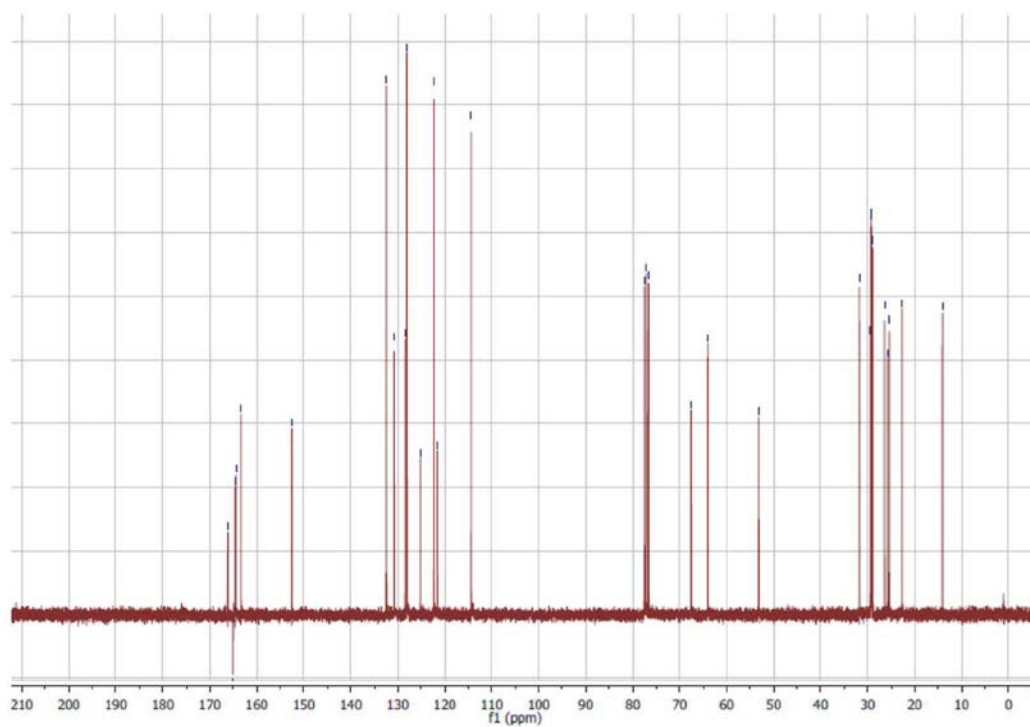


Figure S5. ¹³C NMR spectrum (CDCl₃, 75 MHz) of monomer **9** (n = 4).

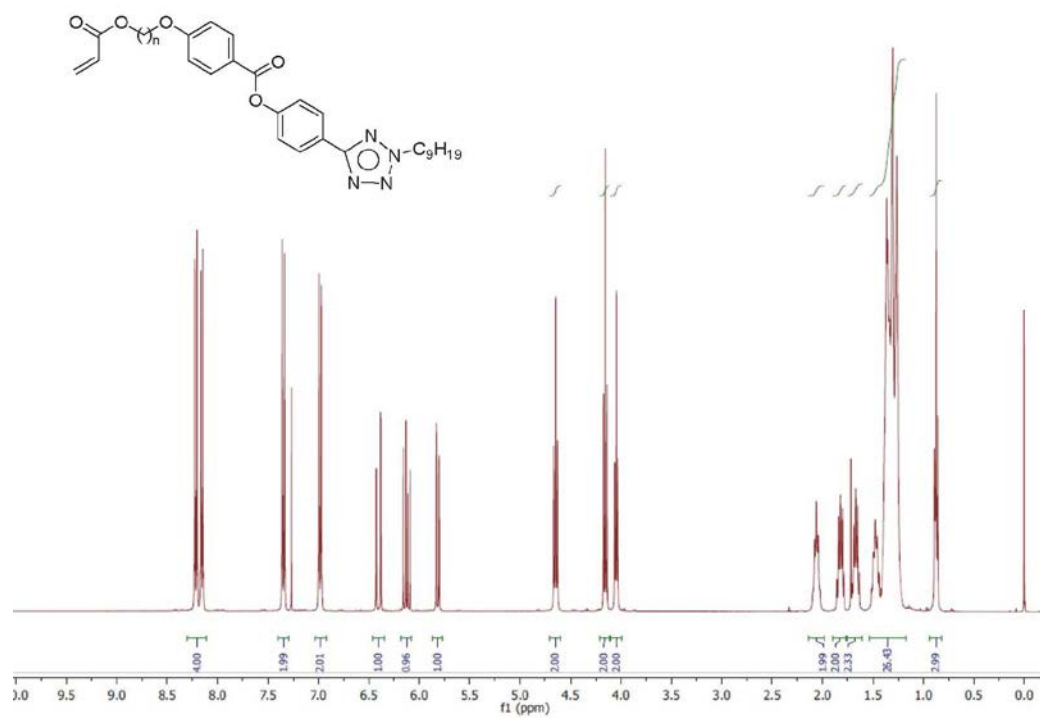


Figure S6. ¹H NMR spectrum (CDCl₃, 300 MHz) of monomer **10** (n = 11).

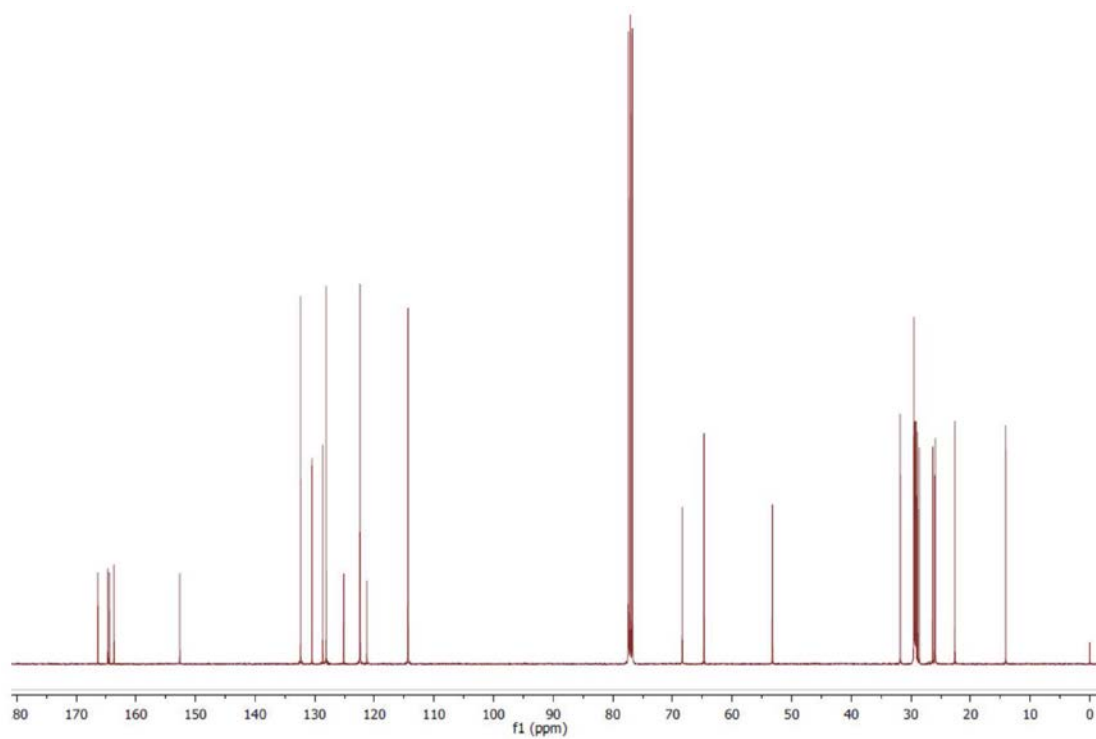


Figure S7. ¹³C NMR spectrum (CDCl₃, 75 MHz) of monomer **10** (n = 11).

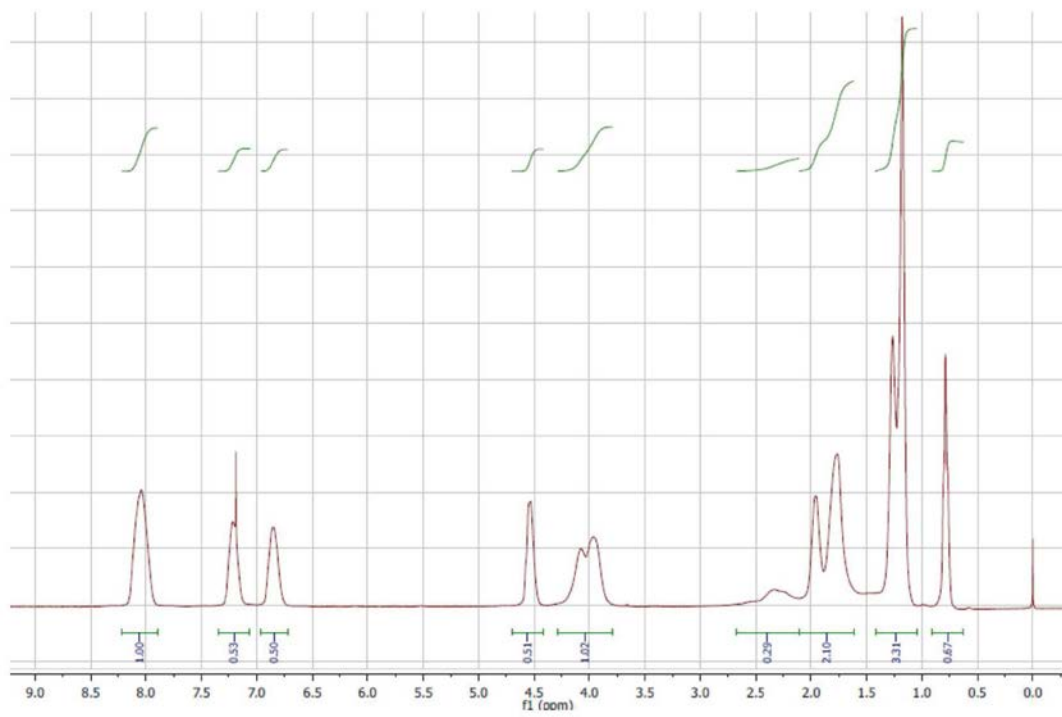


Figure S8. ¹H NMR spectrum (CDCl₃, 300 MHz) of polymer **11a** (n = 4).

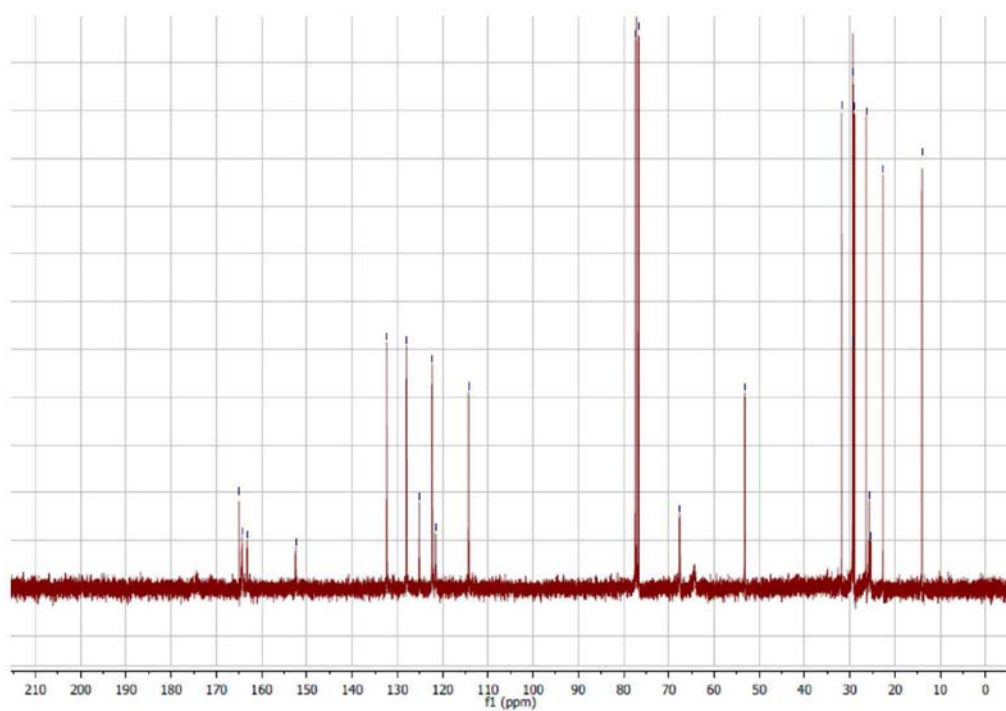


Figure S9. ¹³C NMR spectrum (CDCl₃, 75 MHz) of polymer **11a** (n = 4).

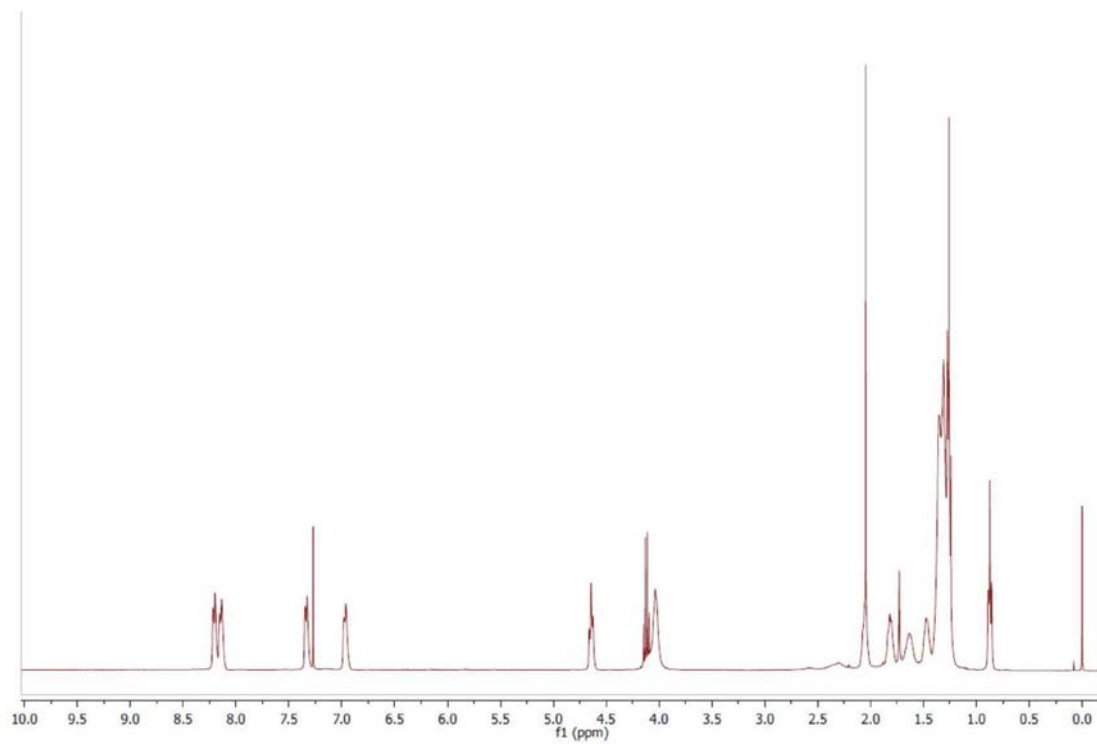


Figure S10. ^1H NMR spectrum (CDCl_3 , 300 MHz) of polymer **12** ($n = 11$).