

Synthesis and Characterization of Bis[1]benzothieno[3,2-*b*:2',3'-*d*]pyrroles: Quantitative Effects of Benzannulation on Dithieno[3,2-*b*:2',3'-*d*]pyrroles

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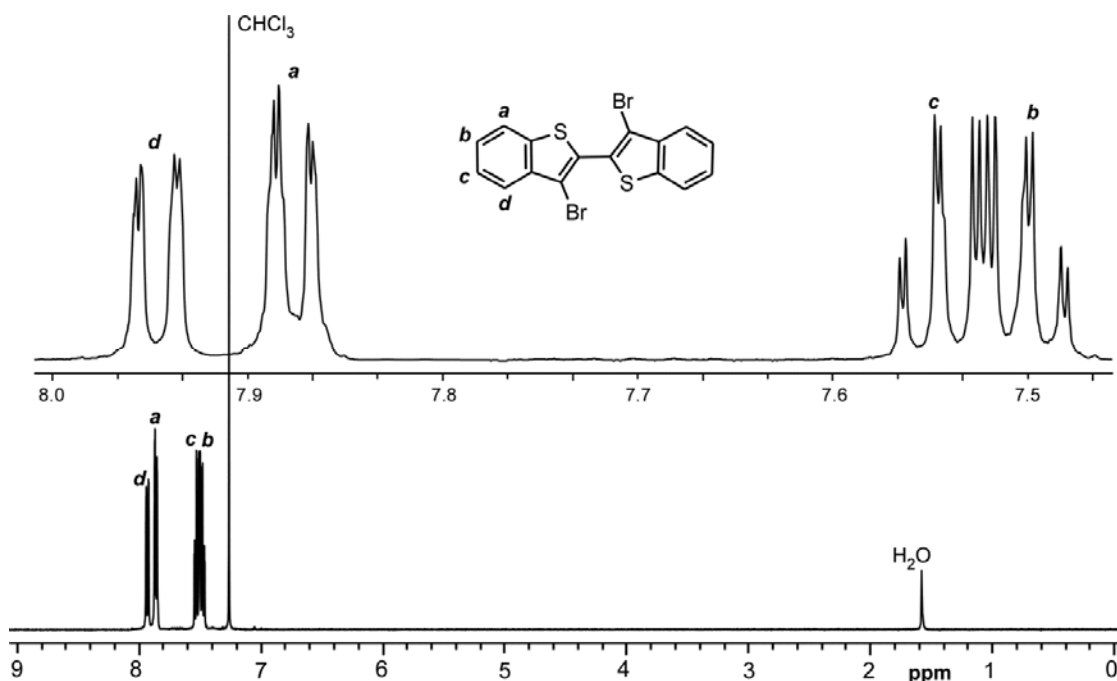


Figure S1. ¹H NMR Spectrum of 3,3'-dibromo-2,2'-bi(benzo[b]thiophene).

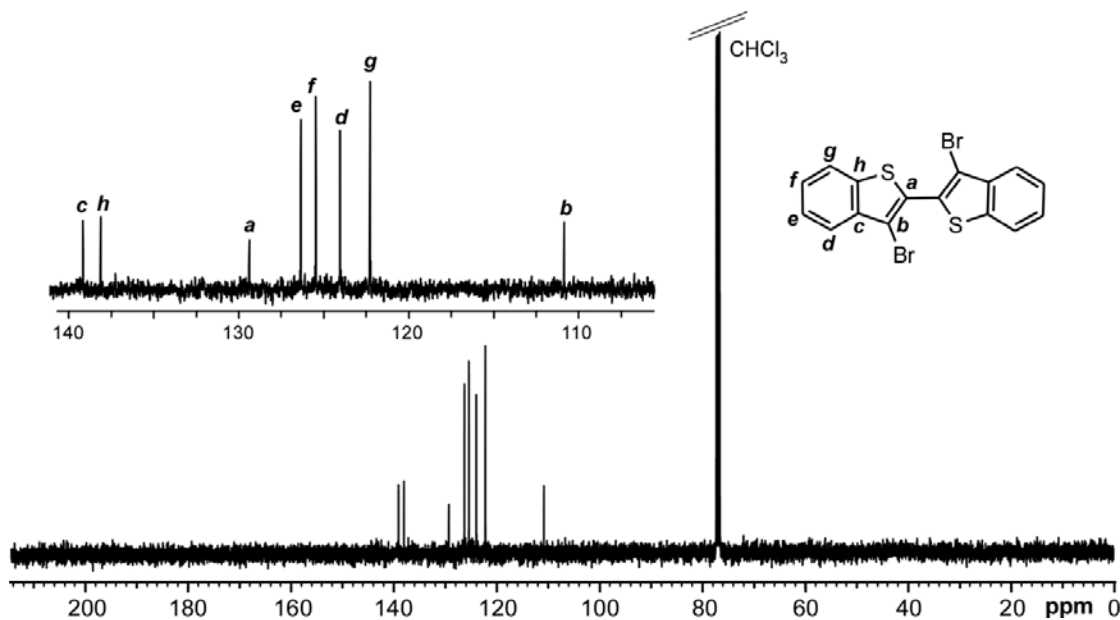


Figure S2. ¹³C NMR Spectrum of 3,3'-dibromo-2,2'-bi(benzo[b]thiophene).

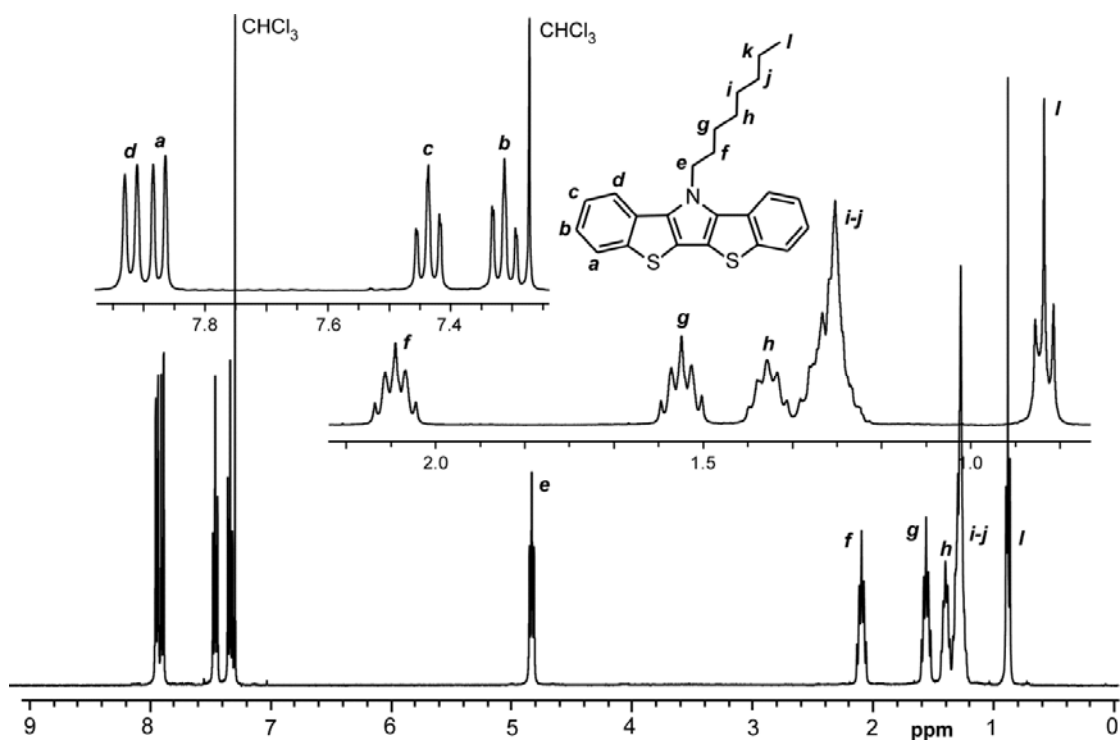


Figure S3. ^1H NMR Spectrum of *N*-octylbis[1]benzothieno[3,2-*b*:2',3'-*d*]pyrrole.

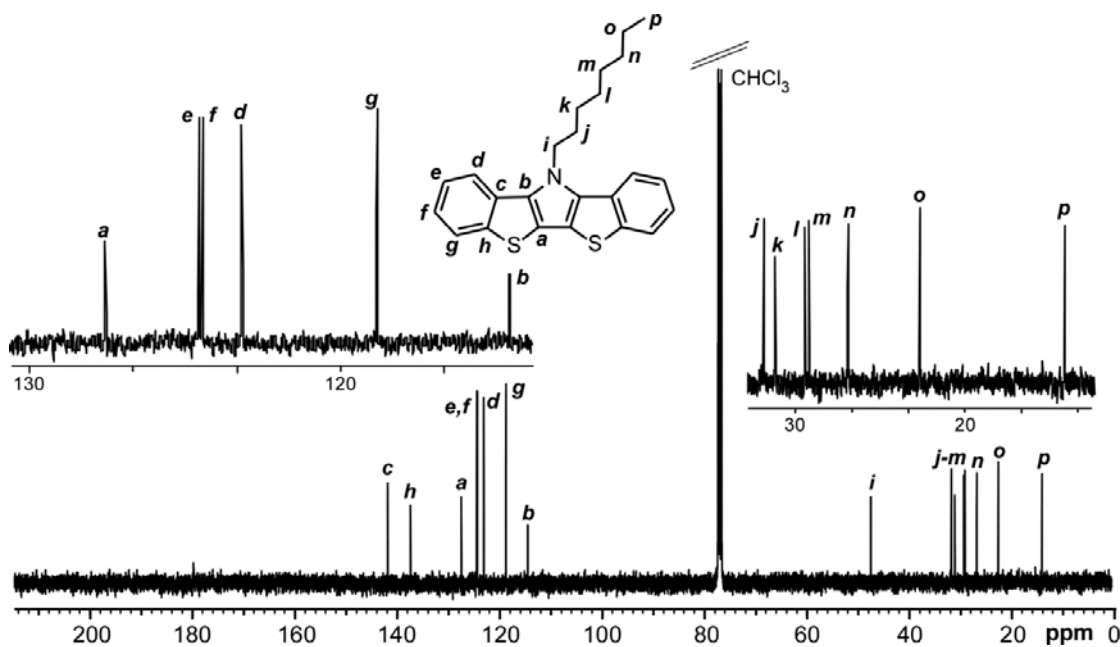


Figure S4. ^{13}C NMR Spectrum of *N*-octylbis[1]benzothieno[3,2-*b*:2',3'-*d*]pyrrole.

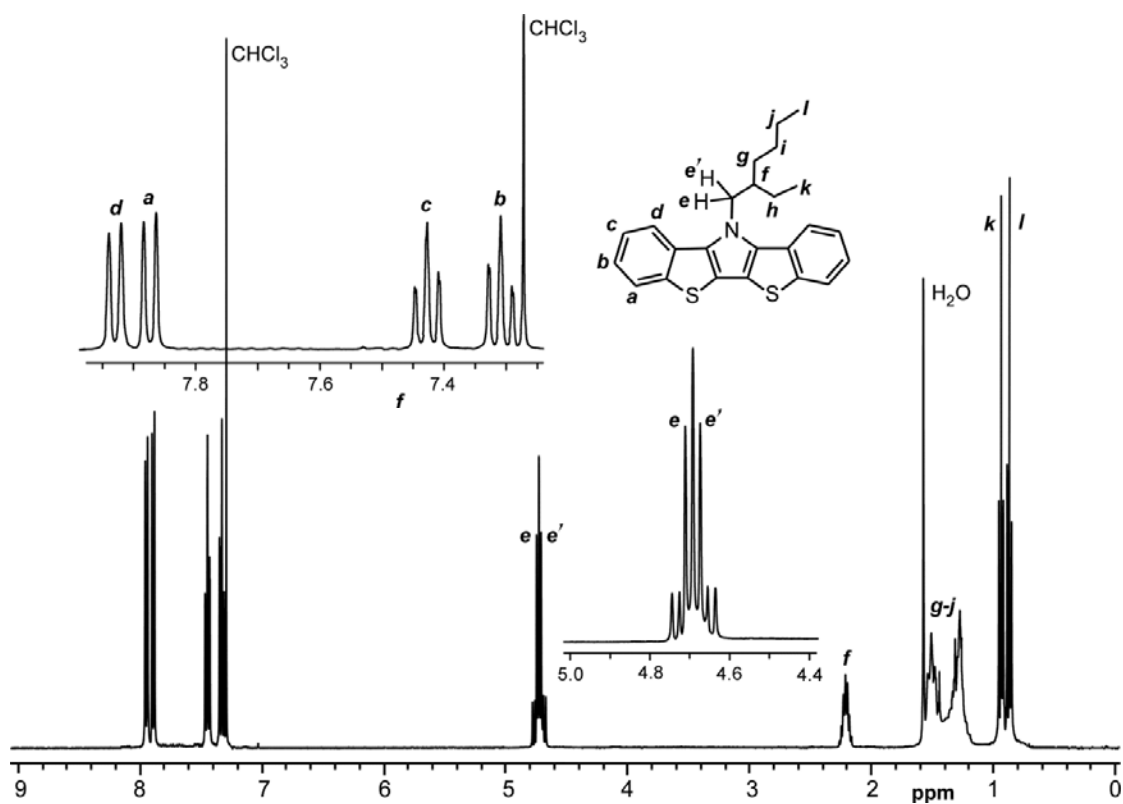


Figure S5. ^1H NMR Spectrum of *N*-(2-ethylhexyl)bis[1]benzothieno[3,2-*b*:2',3'-*d*]pyrrole.

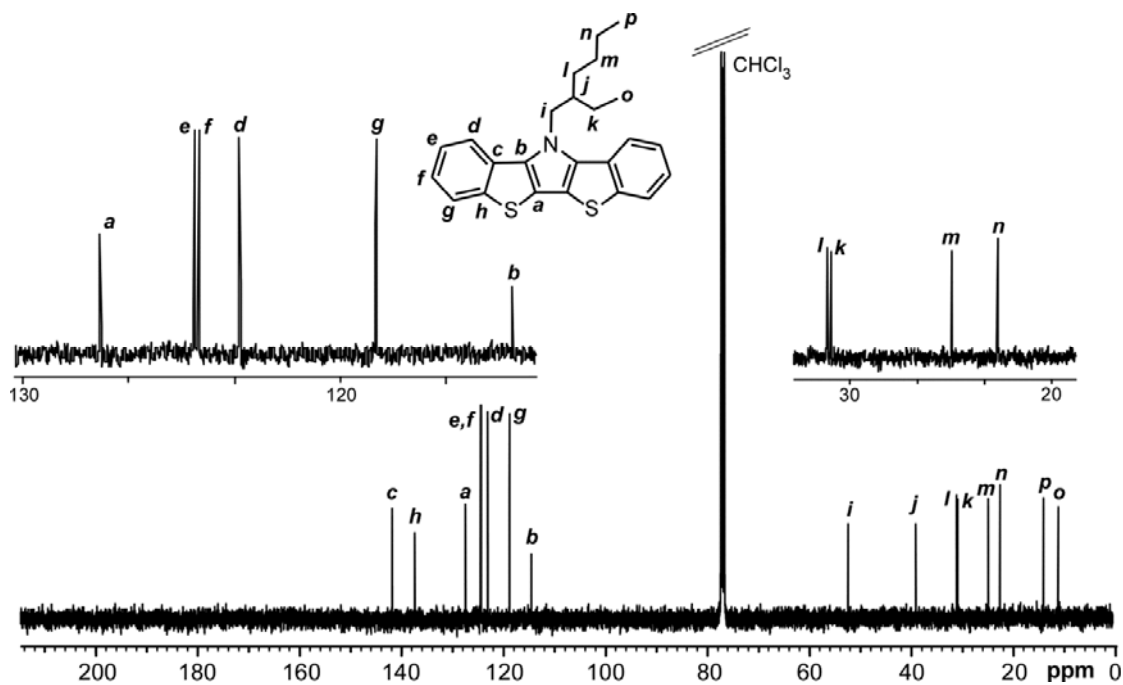


Figure S6. ^{13}C NMR Spectrum of *N*-(2-ethylhexyl)bis[1]benzothieno[3,2-*b*:2',3'-*d*]pyrrole.

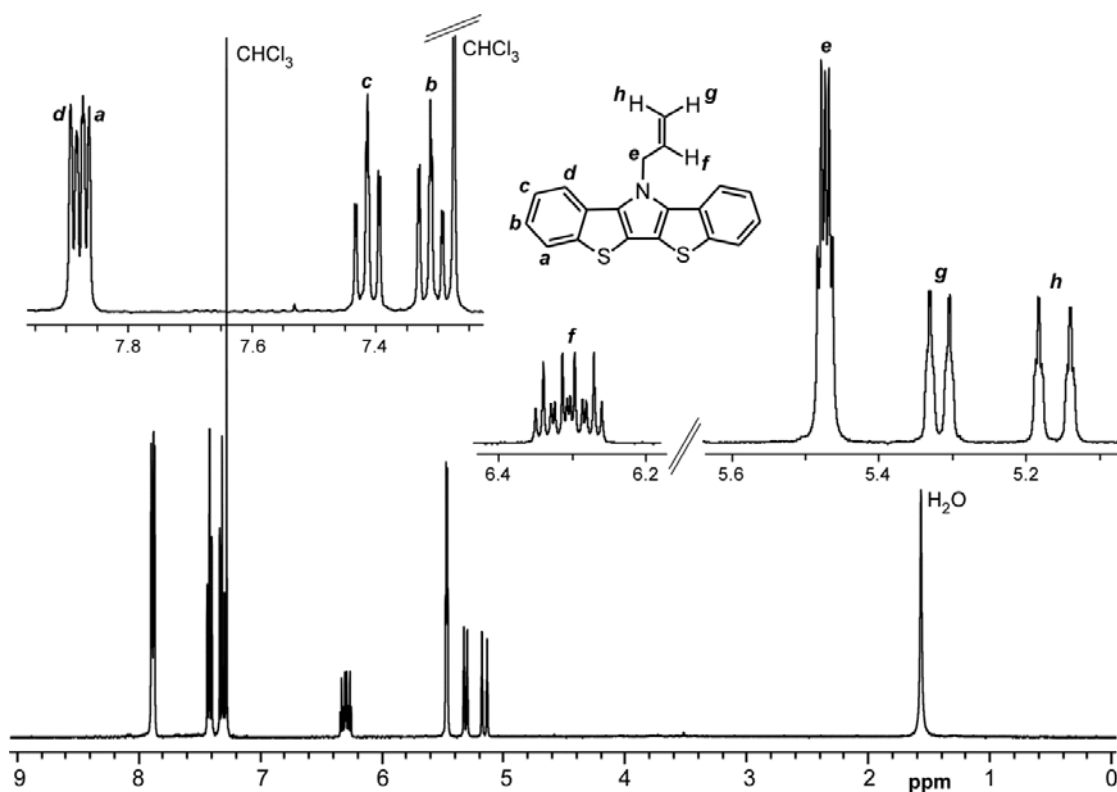


Figure S7. ^1H NMR Spectrum of *N*-allylbis[1]benzothieno[3,2-*b*:2',3'-*d*]pyrrole.

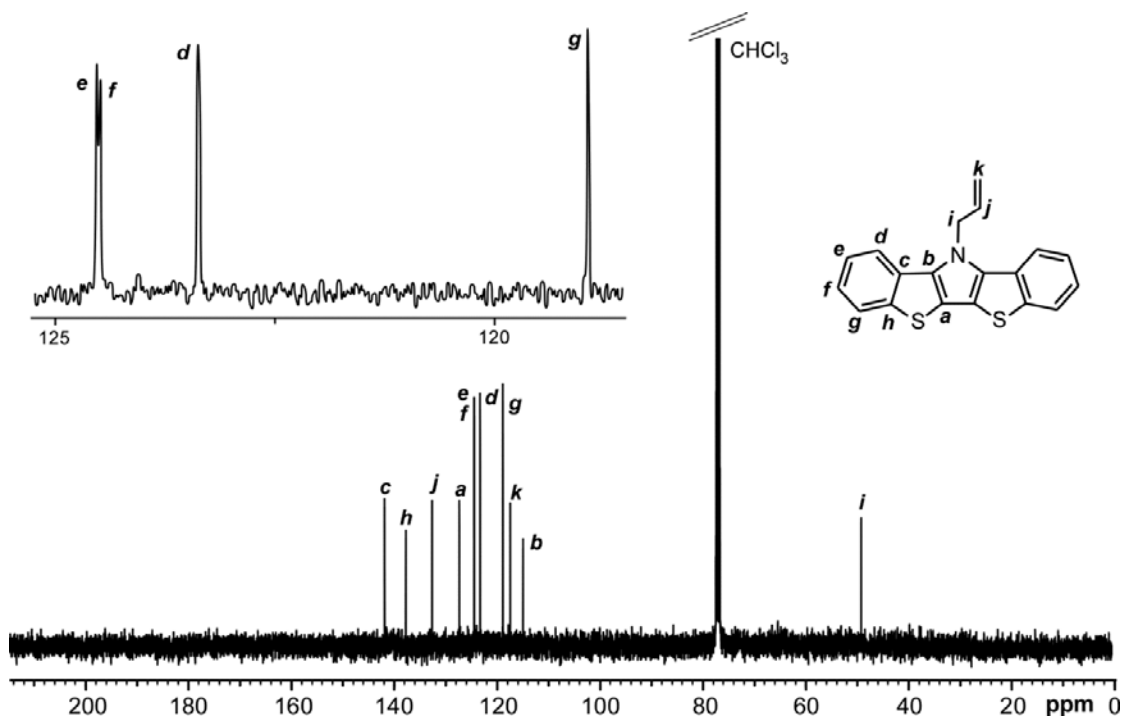


Figure S8. ^{13}C NMR Spectrum of *N*-allylbis[1]benzothieno[3,2-*b*:2',3'-*d*]pyrrole.

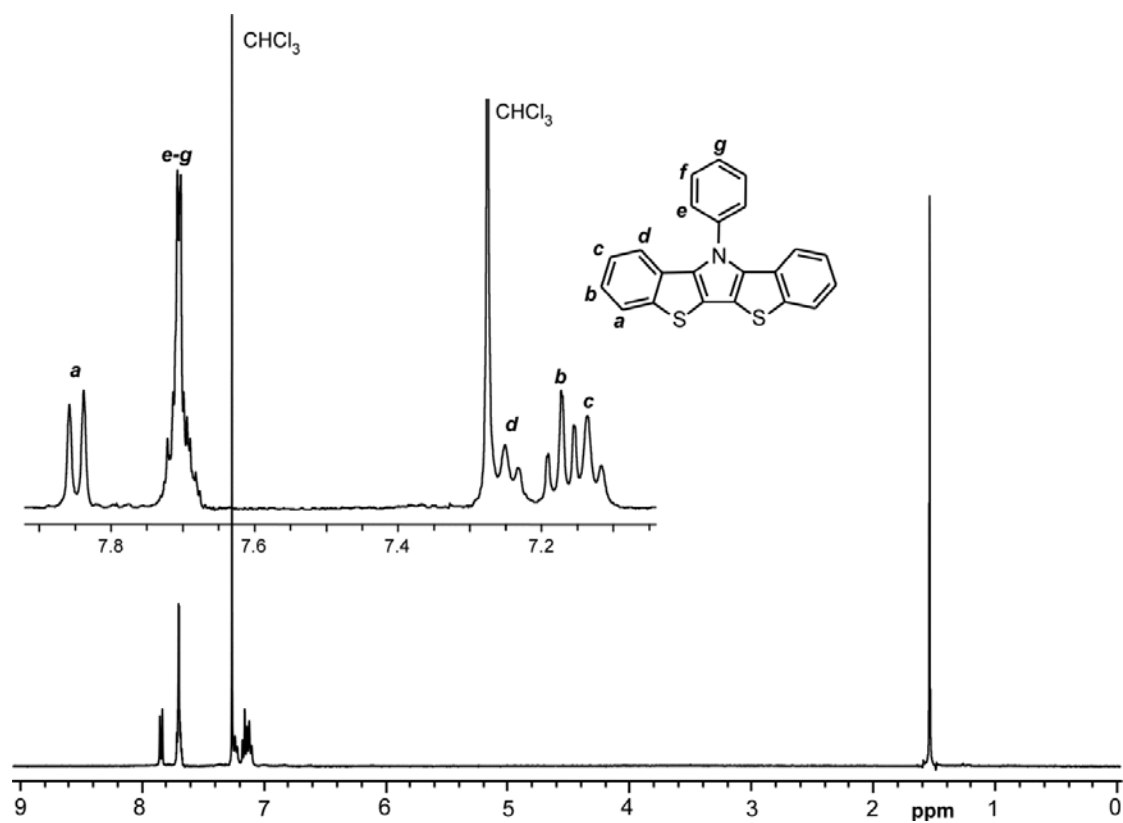


Figure S9. ^1H NMR Spectrum of *N*-phenylbis[1]benzothieno[3,2-*b*:2',3'-*d*]pyrrole.