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Supporting Information for:

Investigating the Impact of Conjugation Pathway on the Physical and Electronic Properties of Benzobisoxazole-Containing Polymers

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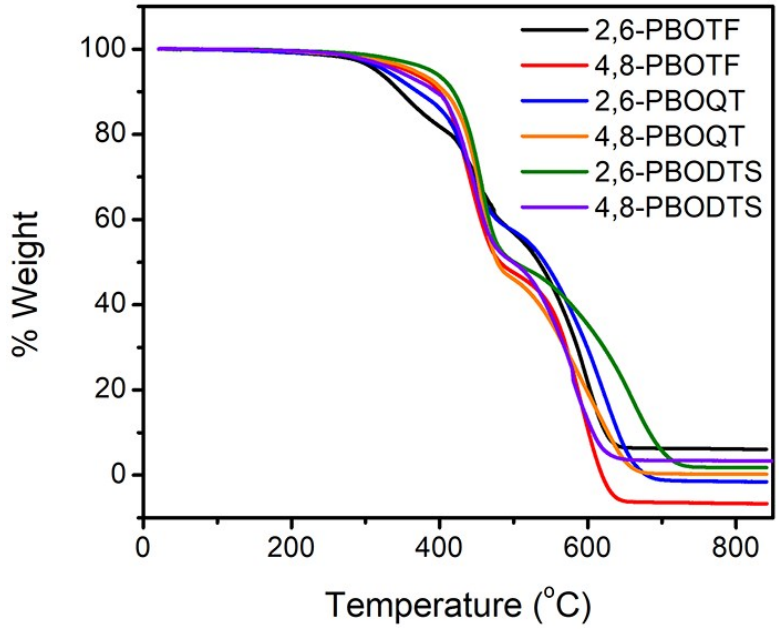

Figure S1. Thermal gravimetric analysis of polymers.

Table S1. Thermal properties of polymers.[a]

Polymer	T_d (°C)[b]
2,6-PBOTF	327
4,8-PBOTF	356
2,6-PBOQT	388
4,8-PBOQT	365
2,6-PBODTS	315
4,8-PBODTS	342

[a]Thermal gravimetric analysis measurements performed in a temperature range of 30-850 °C with a heating rate of 20 °C/min. [b]5% weight loss temperature in air.

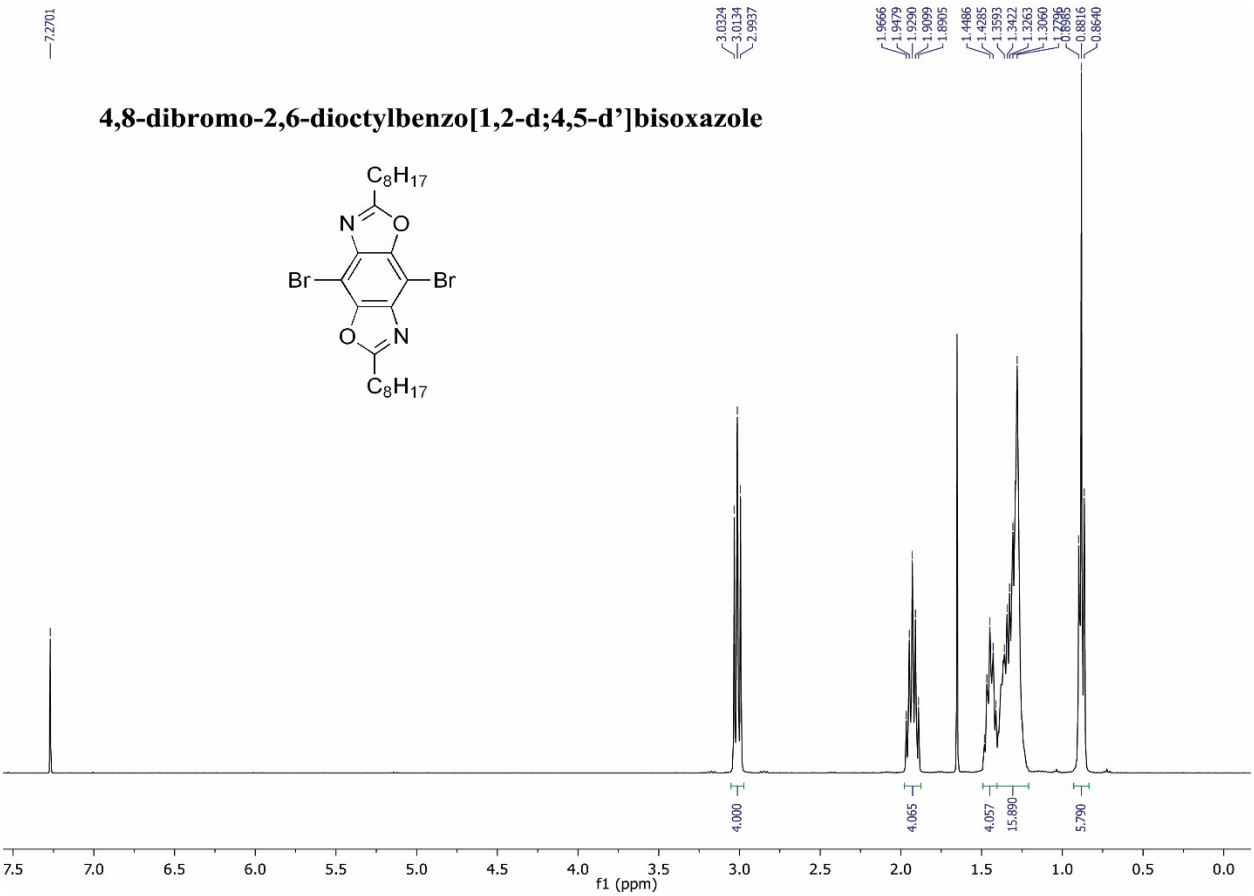

Figure S2. ^{1}H NMR of 4,8-dibromo-2,6-dioctylbenzo[1,2-d;4,5-d']bisoxazole.

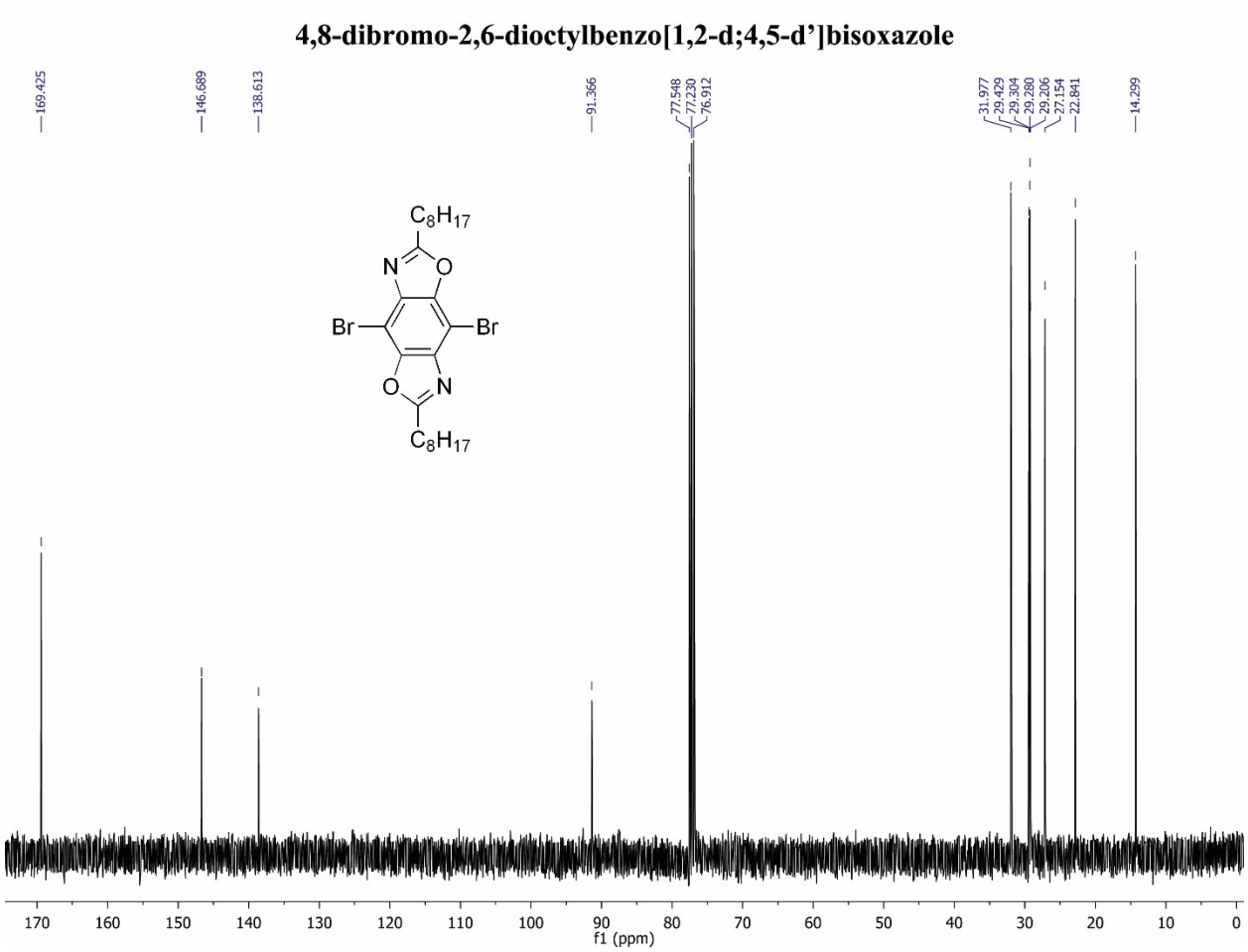

Figure S3. ^{13}C NMR of 4,8-dibromo-2,6-dioctylbenzo[1,2-d;4,5-d']bisoxazole.

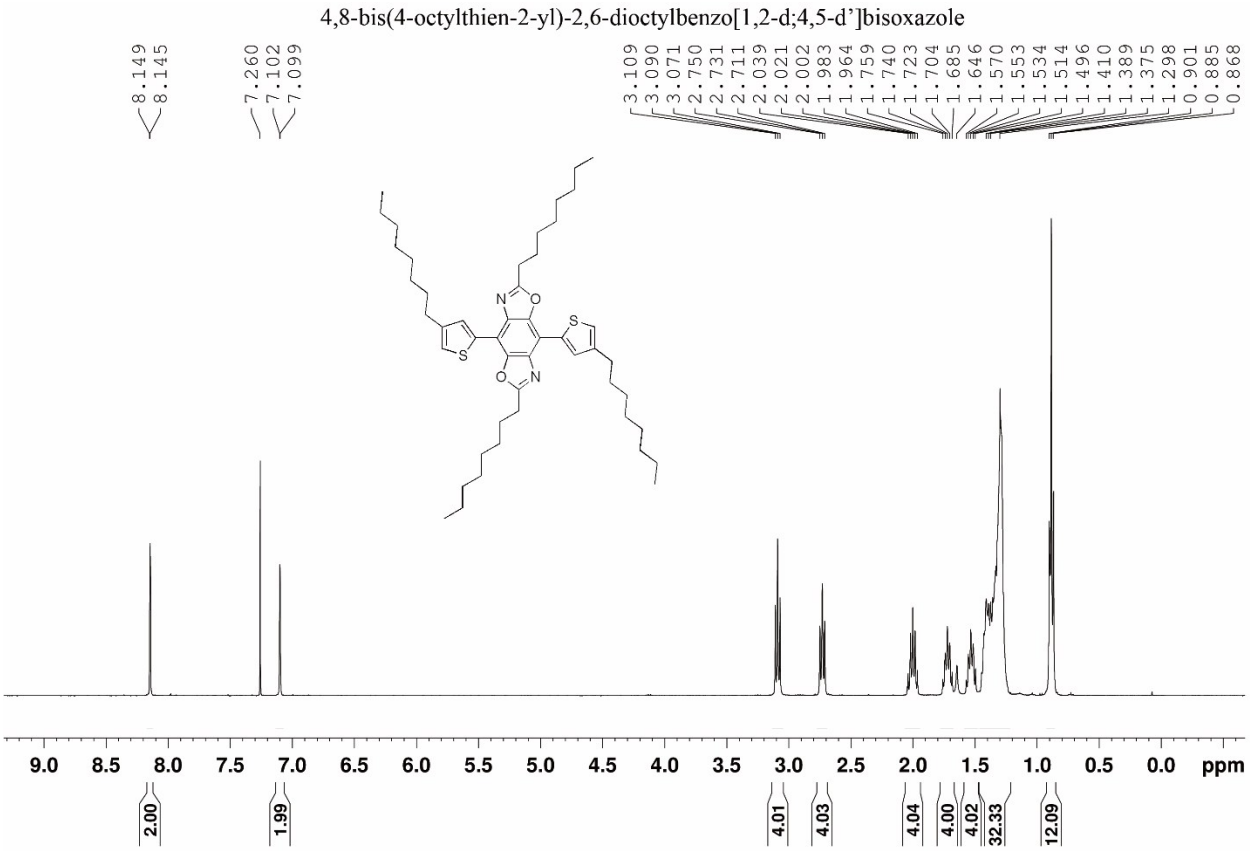

Figure S4. ^{1}H NMR of 2,6-dioctyl-4,8-bis(4-octylthien-2-yl)benzo[1,2-d;4,5-d']bisoxazole.

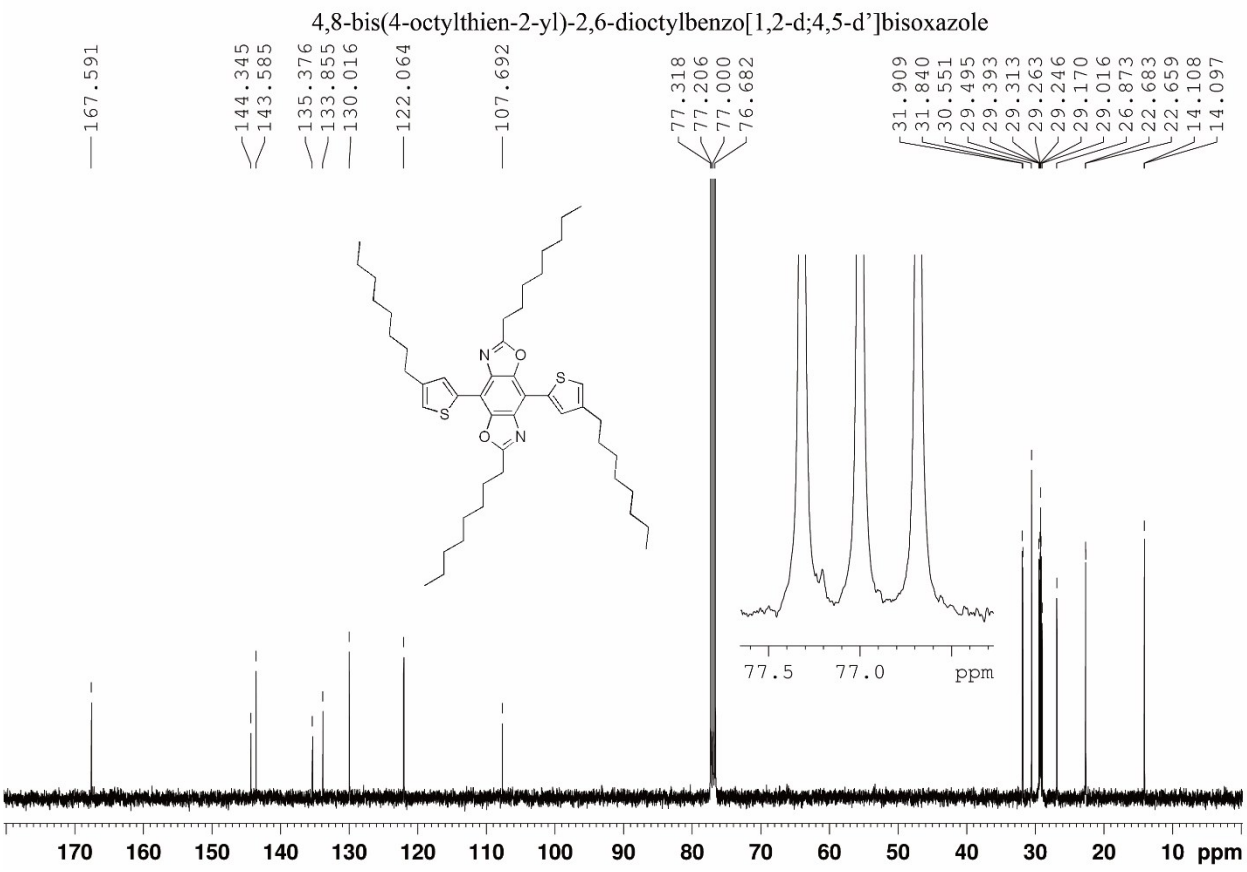

Figure S5. ^{13}C NMR of 2,6-dioctyl-4,8-bis(4-octylthien-2-yl)benzo[1,2-d;4,5-d']bisoxazole.

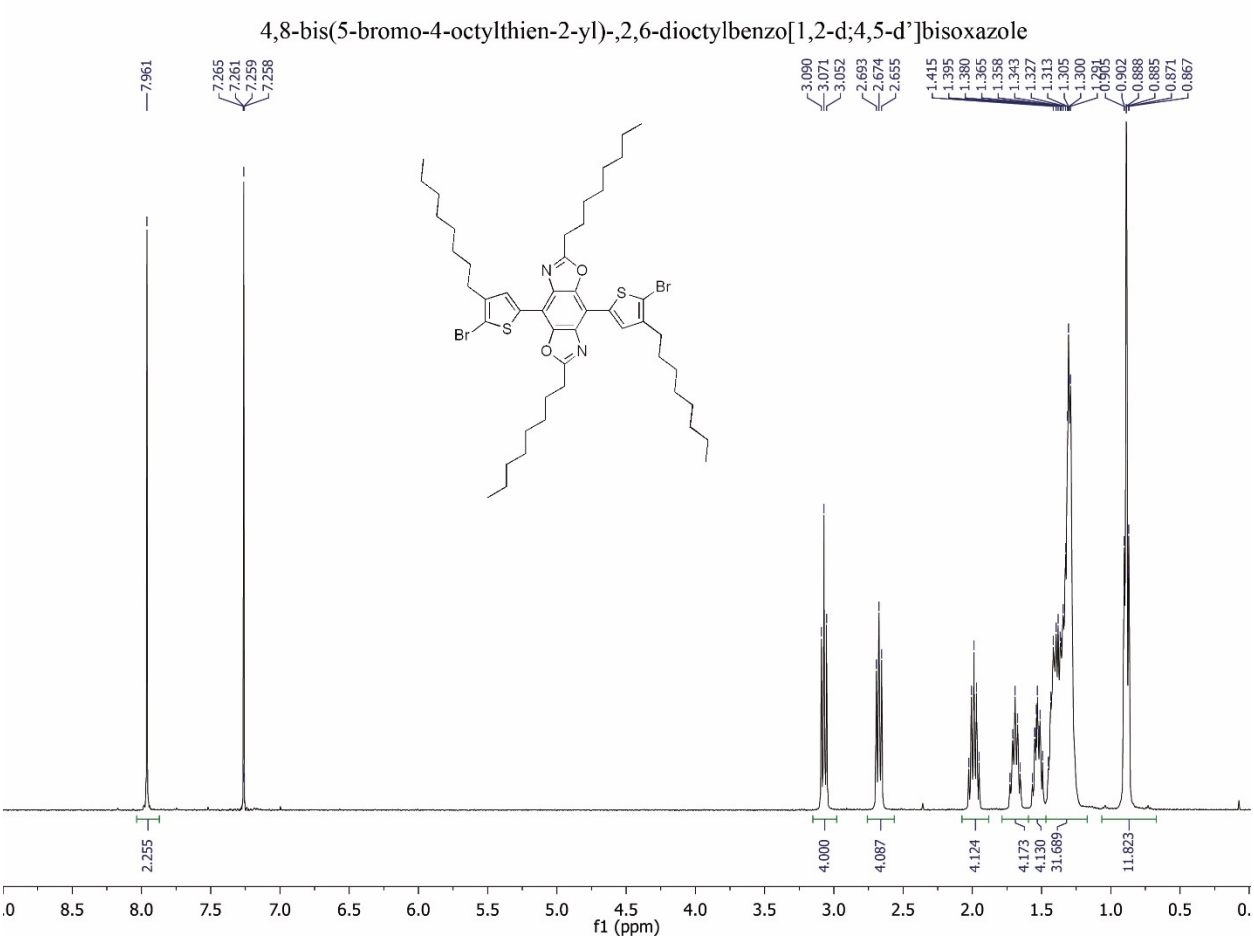

Figure S6. ^{1}H NMR of 4,8-bis(5-bromo-4-octylthien-2-yl)-2,6-dioctylbenzo[1,2-d;4,5-d']bisoxazole.

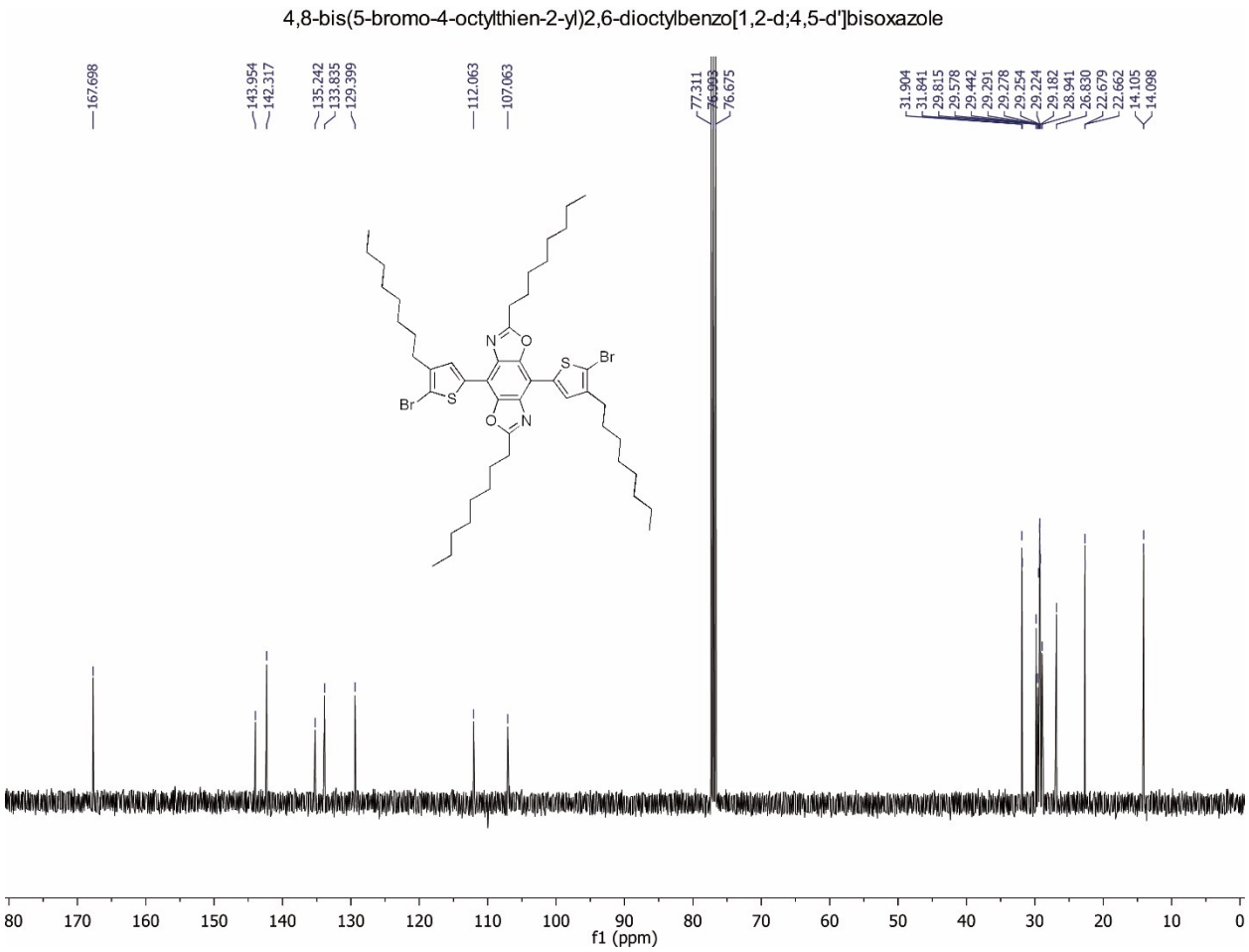

Figure S7. ^{13}C NMR of 4,8-bis(5-bromo-4-octylthien-2-yl)-2,6-dioctylbenzo[1,2-d;4,5-d']bisoxazole.

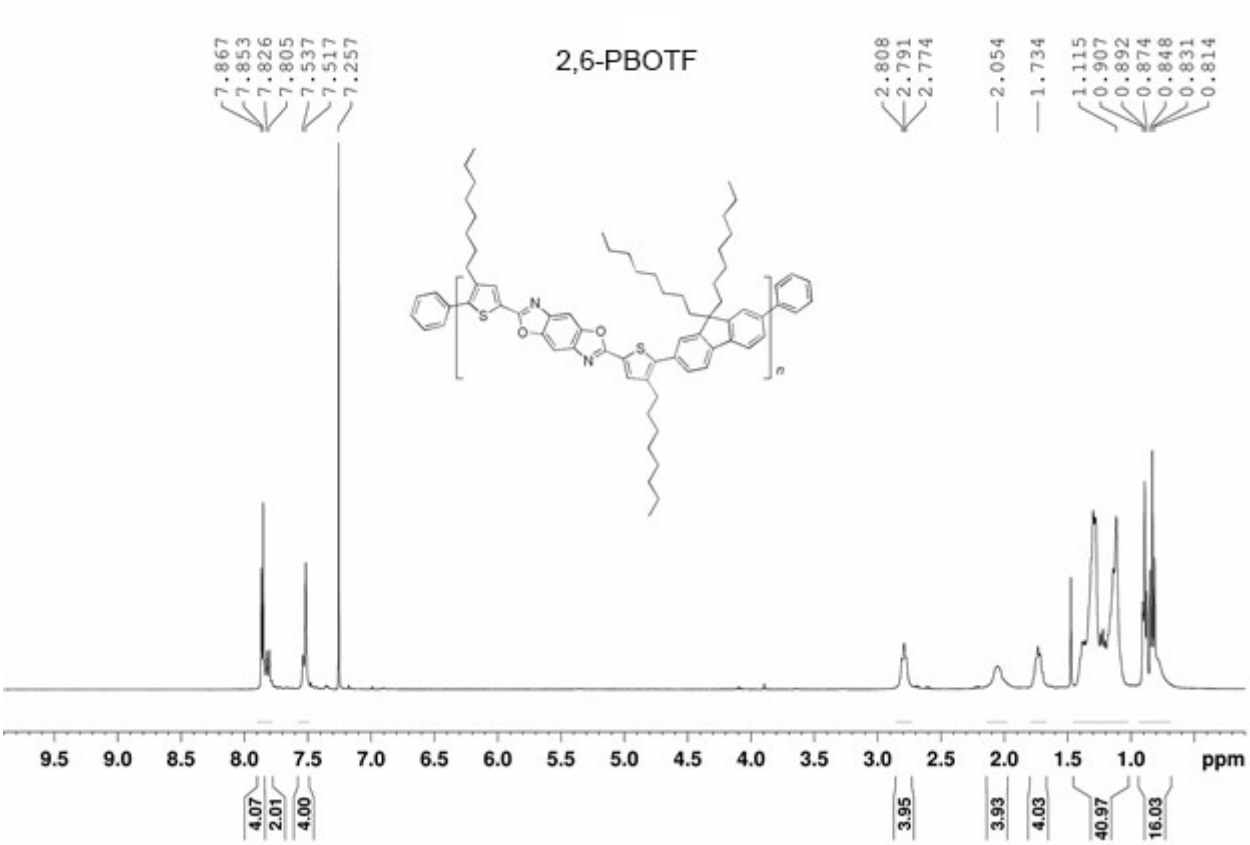

Figure S8. ^{1}H NMR of 2,6-PBOTF.

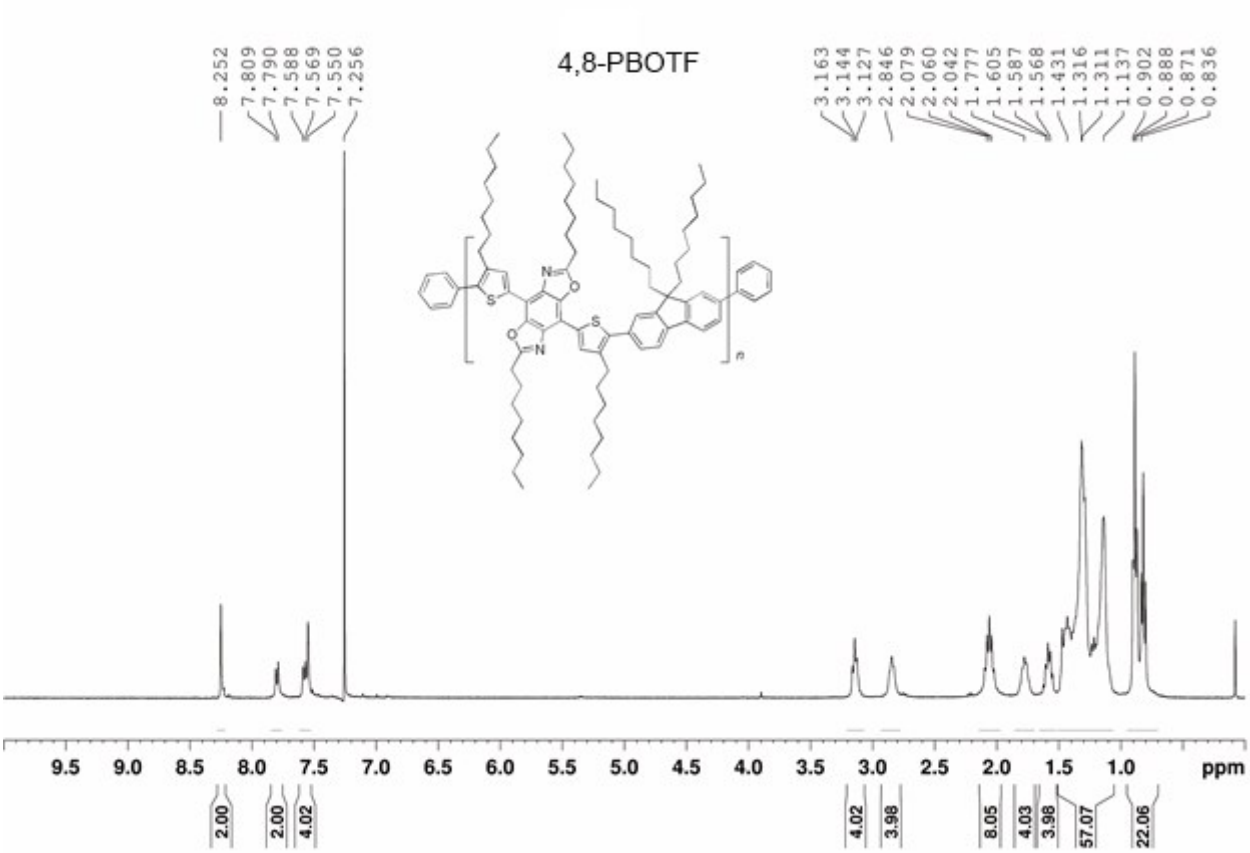

Figure S9. ^{1}H NMR of 4,8-PBOTF.

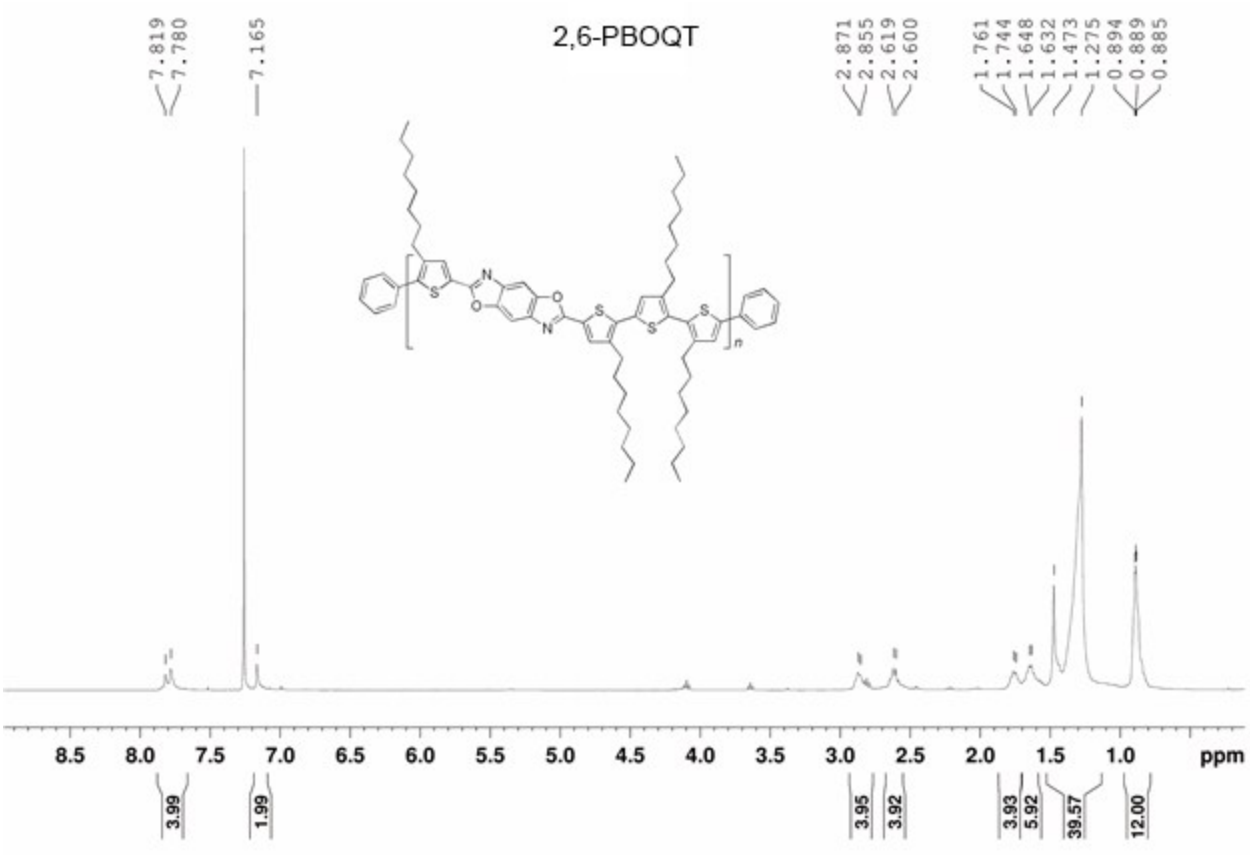

Figure S10. ^{1}H NMR of 2,6-PBOQT

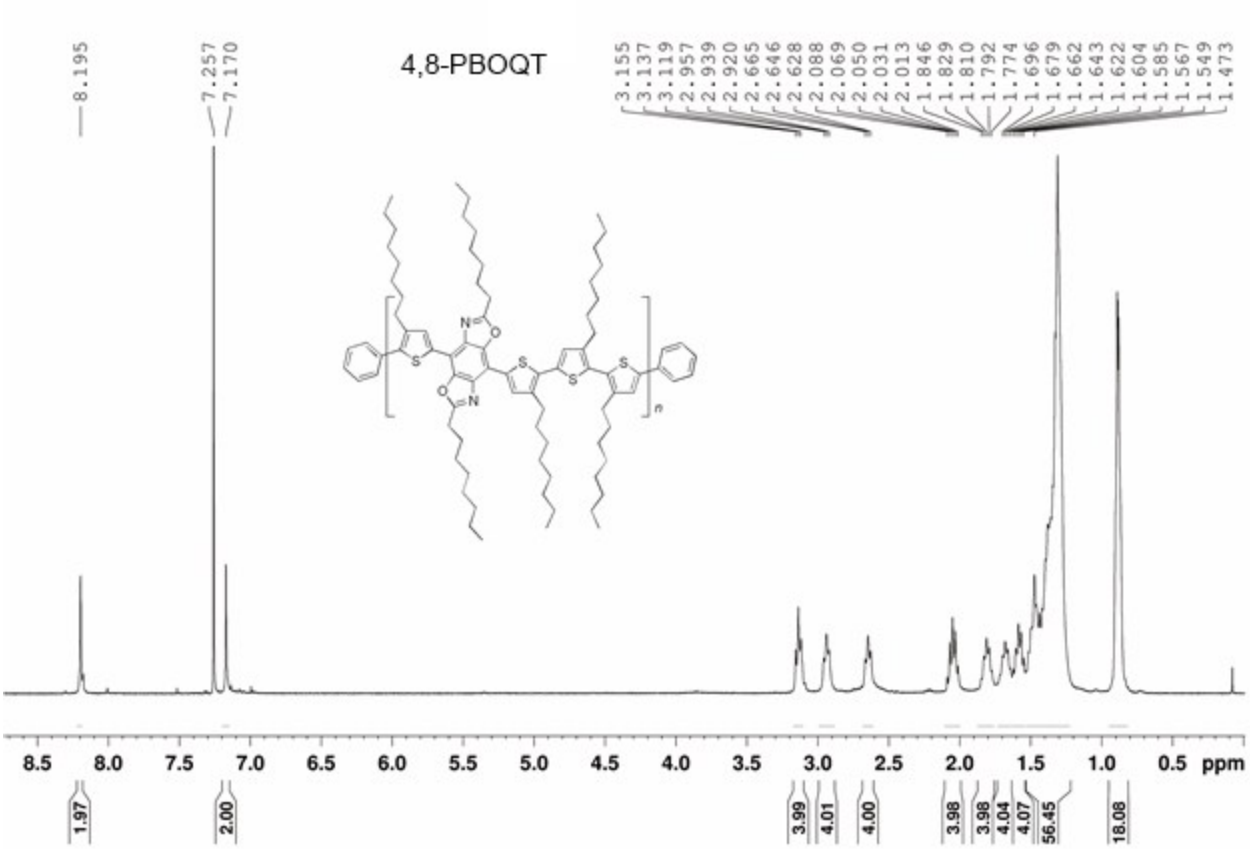

Figure S11. ^{1}H NMR of 4,8-PBOQT.

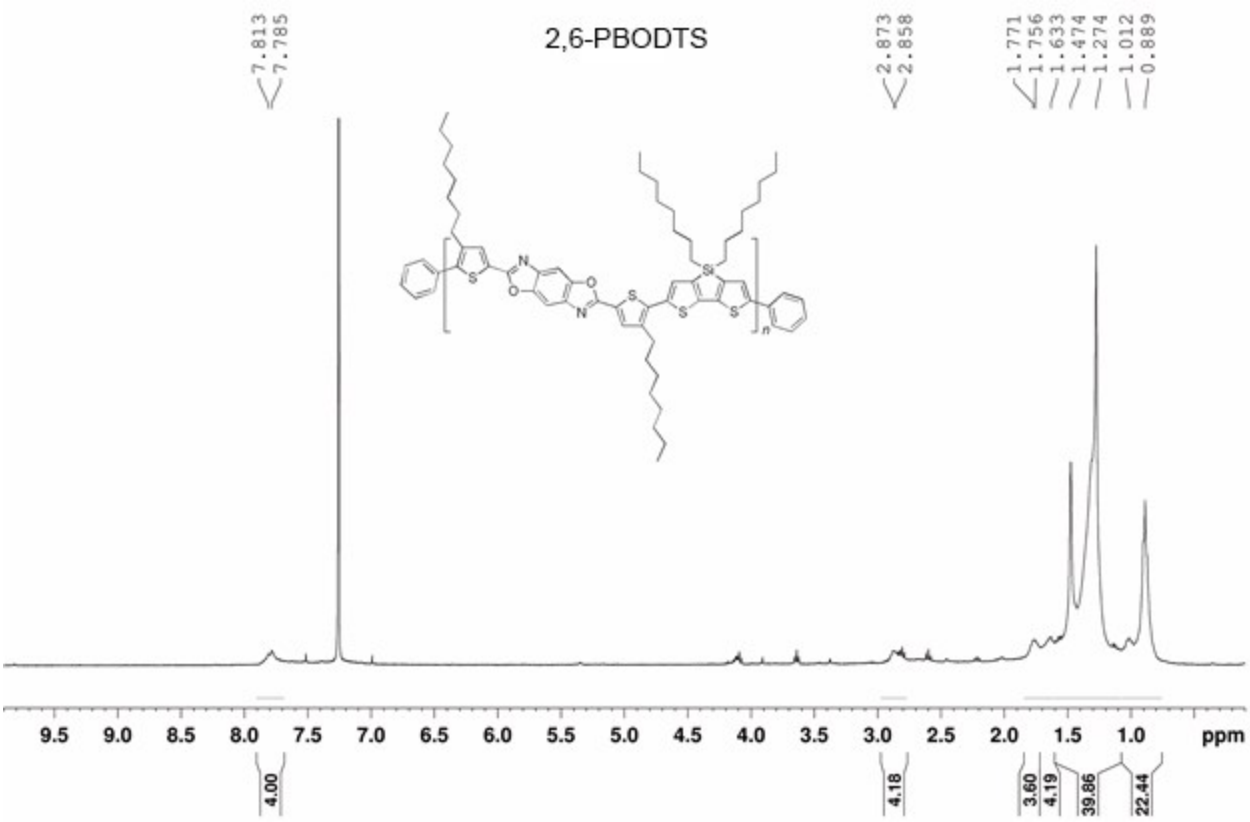

Figure S12. ^{1}H NMR of 2,6-PBODTS.

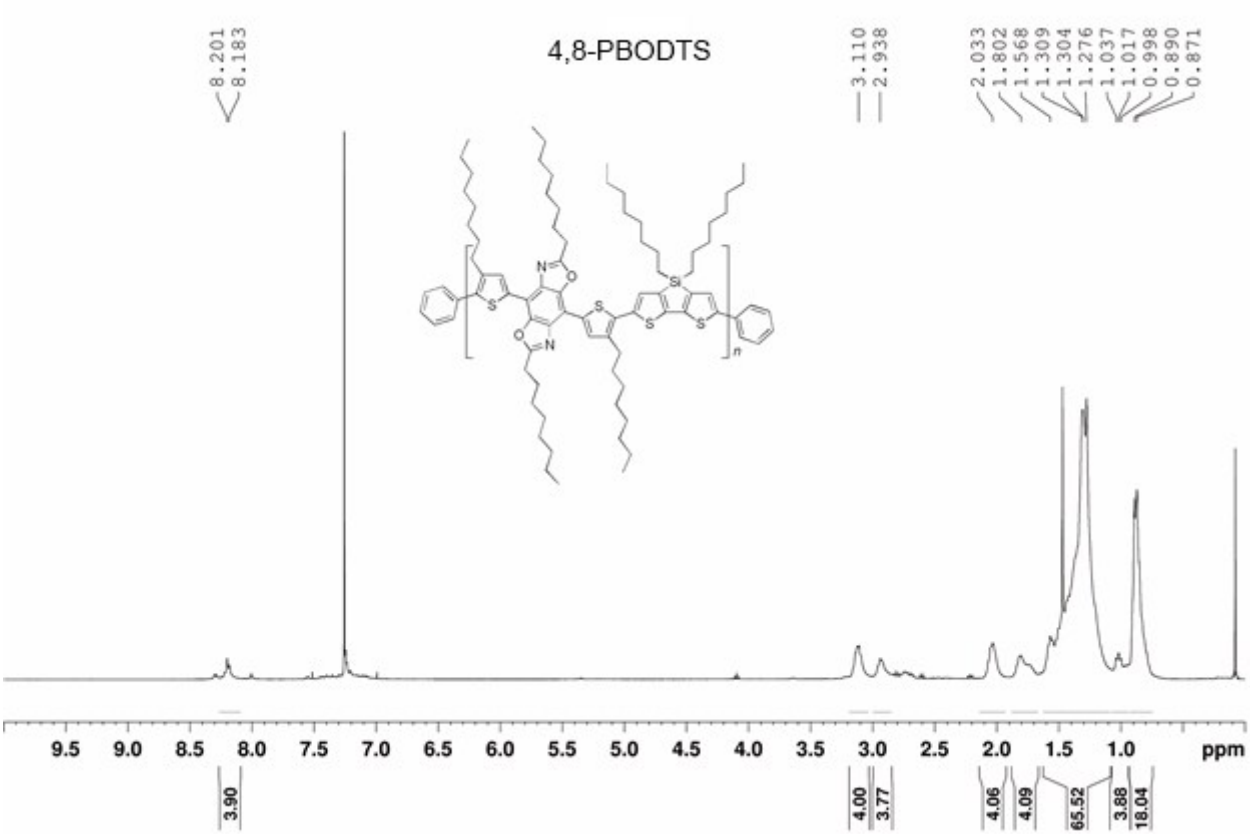

Figure S13. ^{1}H NMR of 4,8-PBODTS.