

Supporting Information

Biaxially Extended Thiophene–Fused Thiophene Conjugated Copolymers for High Performance Field Effect Transistors

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+ Equally contribute to the work.

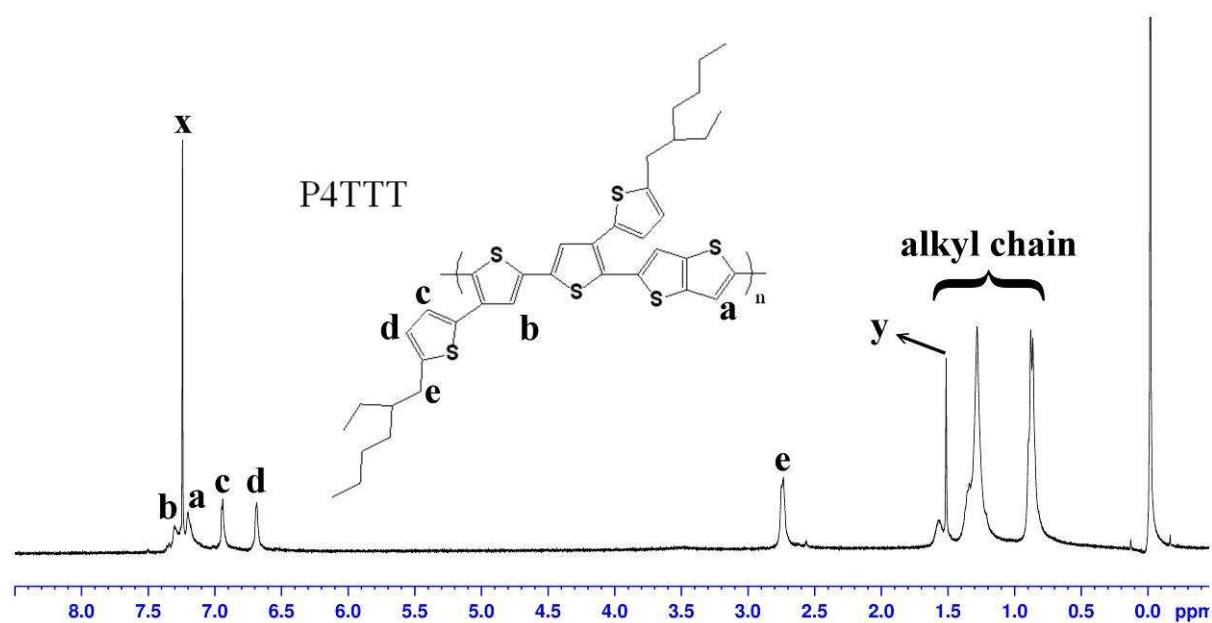


Figure S1. ^1H NMR spectra of **P4TTT** in CDCl_3 . (x: CDCl_3 , y: H_2O).

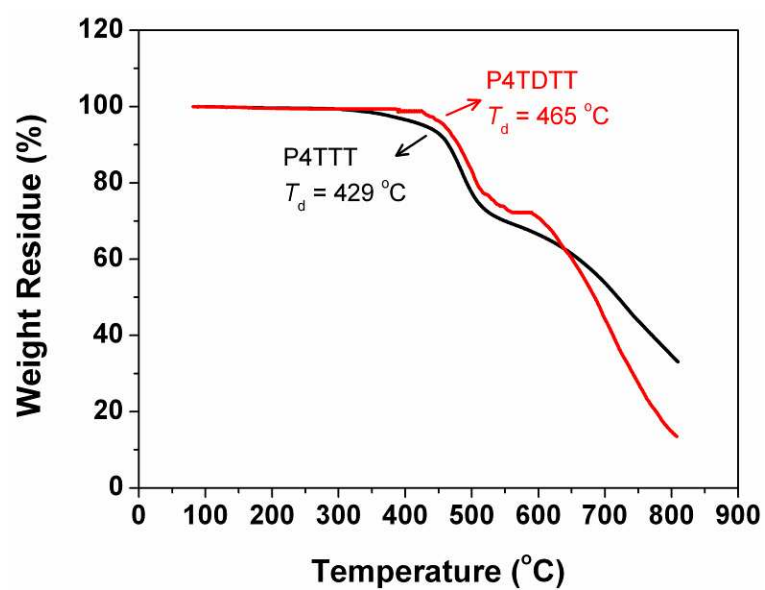


Figure S2. TGA curves of **P4TDTT** and **P4TTT** at the heating rate of 10 °C/min under a nitrogen atmosphere.

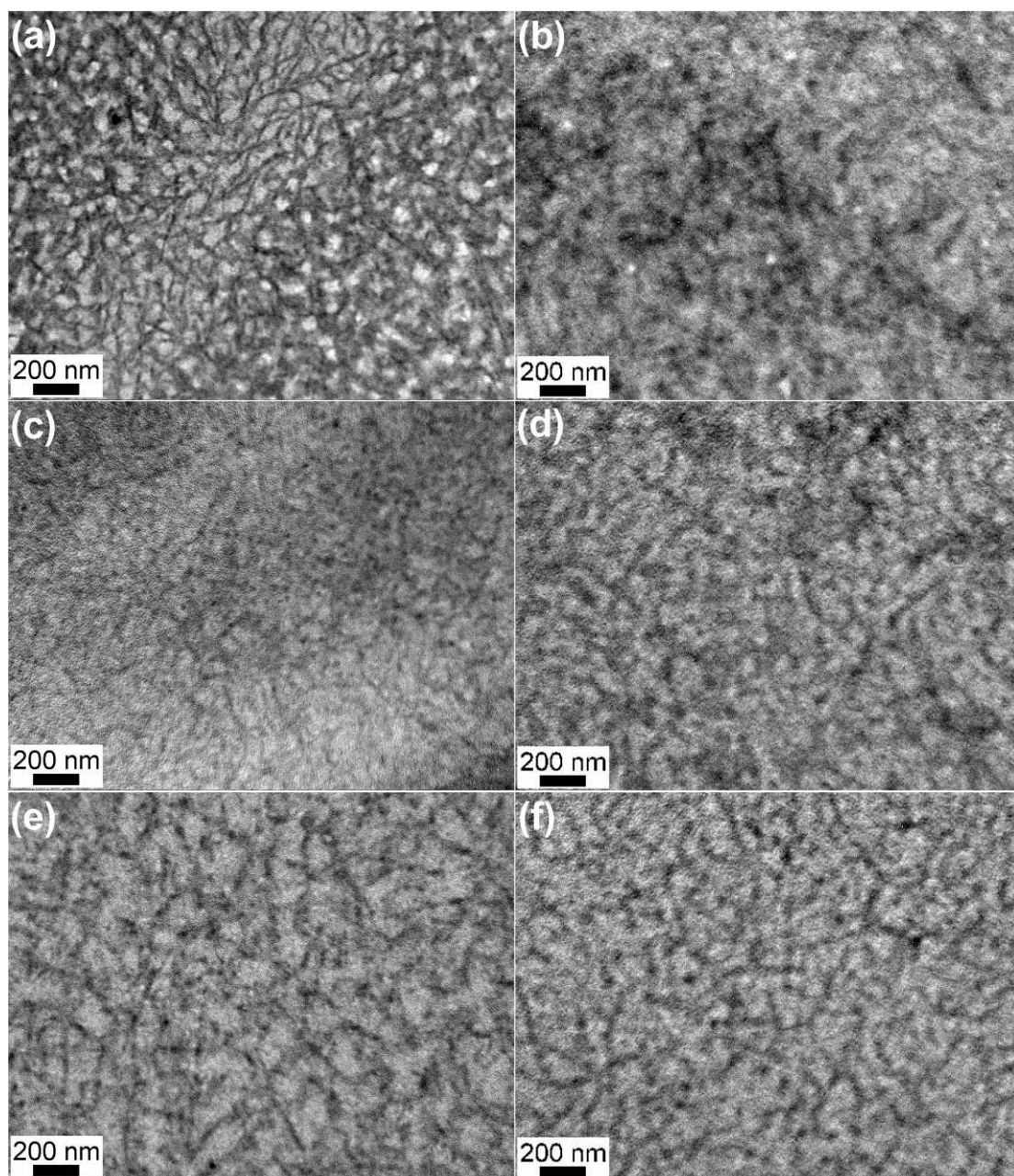


Figure S3. TEM images of the thin films of (a,c,e) **P4TDTT** and (b,d,f) **P4TTT** prepared from (a,b) CF, (c,d) CB and (e,f) DCB.

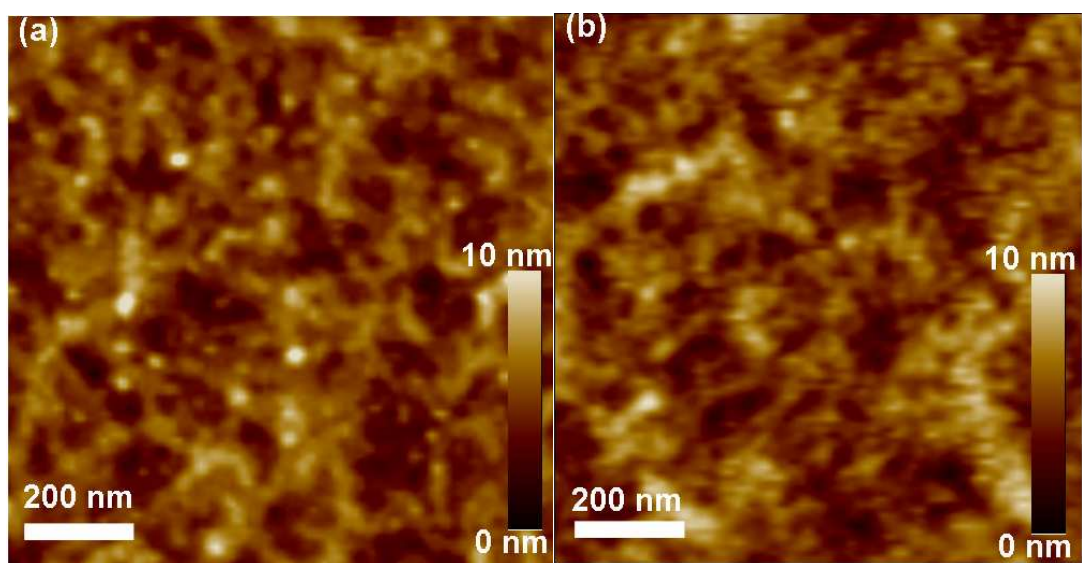


Figure S4. AFM height images of the thin films of (a) **P4TDTT** and (b) **P4TTT** prepared from TCB.