## **Supporting Information**

## Utilizing alkoxyphenyl substitutents for side-chain engineering of efficient benzo[1,2-*b*:4,5-*b'*]dithiophene-based small molecule organic solar cells

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Figure S1. DSC thermograms of DCA3TBDTP.



Figure S2. UV-vis absorption spectrum of DCA3TBDTP in CHCl<sub>3</sub> solution (5  $\times$  10<sup>-6</sup> mol/L).



**Figure S3.** (a)  $^{1}$ H NMR and (b)  $^{13}$ C NMR spectra of DCA3TBDTP.