Supporting Information

Donor-acceptor conjugated polymers based on cyclic imide substituted quinoxaline or dibenzo[a,c]phenazine for polymer solar cells

Liuyuan Lan, Zhiming Chen, Yunchuan Li, Lei Ying*, Fei Huang* and Yong Cao

State Key Laboratory of Luminescent Materials and Devices, and Institute of Polymer Optoelectronic Materials and Devices, South China University of Technology, Guangzhou 510640, China

Corresponding author.

Tel: +86 20 87114346

Fax: +86 20 87110606

E-mail: msfhuang@scut.edu.cn (F. Huang); msleiying@scut.edu.cn (L. Ying)
Figure S1. Second heating and cooling DSC traces of polymers with a heating rate of 10 °C min⁻¹ and a cooling rate 20 °C min⁻¹ under nitrogen.
Figure S2. $^1$H and $^{13}$C NMR spectra of Br$_2$-TBPDI.
Figure S3. $^1$H and $^{13}$C NMR spectra of Br$_2$-TPQD.
Figure S4. $^1$H NMR spectrum of P1.

Figure S5. $^1$H NMR spectrum of P2.
Figure S6. $^1$H NMR spectrum of P3.

Figure S7. $^1$H NMR spectrum of P4.