**Supporting Information**

**A-π-D-π-A based Porphyrin for solution processed small molecule bulk hetero junction solar cells**

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Fig. S1 $^1$H NMR spectra of compound 3 recorded in CDCl$_3$.

Fig. S2 $^{13}$C NMR spectra of compound 3 recorded in CDCl$_3$. 
Fig. S3 MALDI-TOF spectra of compound 3.

Fig. S4 $^1$H NMR spectra of compound VC117 recorded in THF-d8.
Fig. S5 $^{13}$C NMR spectra of compound VC117 recorded in THF-d8.
Fig. S6 MALDI-TOF spectra of compound VC117.
Figure S7 Normalized absorption and emission spectra of VC117 in solution.