Supporting information for:

Novel soluble thieno[3,2-b]thiophene fused porphyrine

**Figure S1**: Cyclic voltammograms of ZnTTPz in DCM/[n–Bu₄N]PF₆ solutions (0.3M) at a scan rate of 100 mVs⁻¹

**Figure S2**: Differential scanning calorimetry of ZnTTPz scanning from -30°C to 320°C at a rate of 10°C/minute
NMR spectra new compounds:

Figure S3: $^1$H NMR spectrum of 2,3-Dibromo-5-octylthieno[3,2-b]thiophene (6) in CDCl$_3$. 
Figure S4: $^\text{13}$C NMR spectrum of 2,3-Dibromo-5-octylthieno[3,2-b]thiophene (6) in CDCl$_3$. 
**Figure S5**: $^1$H NMR spectrum of 2,3-Dicyano-5-octylthieno[3,2-b]thiophene (7) in CDCl$_3$. 
Figure S6: $^{13}$C NMR spectrum of 2,3-Dicyano-5-octylthieno[3,2-b]thiophene (7) in CDCl$_3$. 
Figure S7: $^1$H NMR spectrum of ZnTTPz in CDCl$_3$.

Figure S8: MALDI-TOF reflectron mass spectrum for ZnTTPz [M$^{**}$]
Figure S9: Calculated and observed accurate mass measurement MALDI-TOF mass spectra for ZnTTPz [M**].