

## Supporting Information

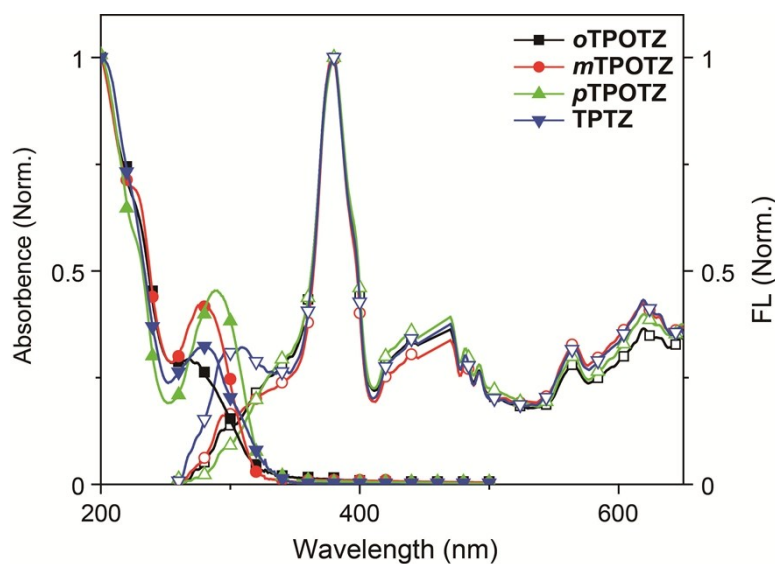
### Triazole-Phosphine Oxide Electron Transporter for Ultralow-Voltage-Driven Blue PHOLEDs

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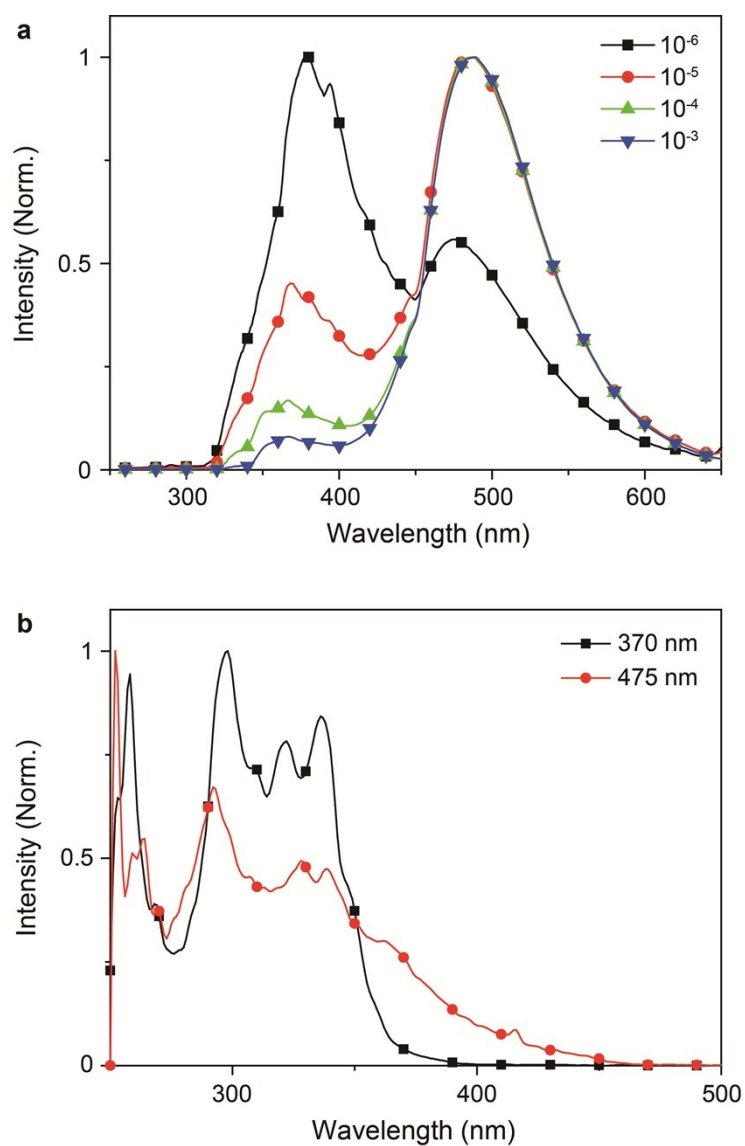
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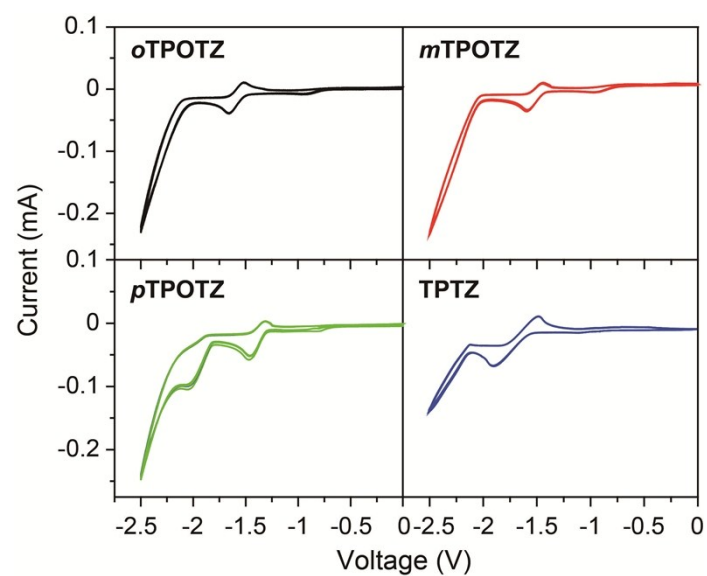
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**Figure S1.** Absorption and emission spectra of  $x$ TPOTZ and TPTZ in film measured at room temperature and in atmosphere.



**Figure S2.** a) Emission spectra of **TPTZ** in dichloromethane with different concentrations ( $10^{-3}$ - $10^{-6}$  mol L $^{-1}$ ); b) excitation spectra of two emissions at 370 and 475 nm for **TPTZ** in dichloromethane ( $10^{-6}$  mol L $^{-1}$ ).



**Figure S3.** Reduction voltammograms of *x*TPOTZ and TPTZ for 10 circles measured in THF with tetra-*n*-butylammonium hexafluorophosphate as supporting electrolyte (0.1 mol L<sup>-1</sup>) at the scanning rate of 100 mV S<sup>-1</sup>.