

Supporting Information

New Multifunctional Phenanthroimidazole-Phosphine Oxide Hybrids for High-Performance Red, Green and Blue Electroluminescent Devices

Kai Wang, Shipan Wang, Shanyong Chen, Jinbei Wei, Dong Liu, Yu Liu and Yue Wang**

State Key Laboratory of Supramolecular Structure and Materials, College of Chemistry, Jilin University, Changchun 130012, P. R. China

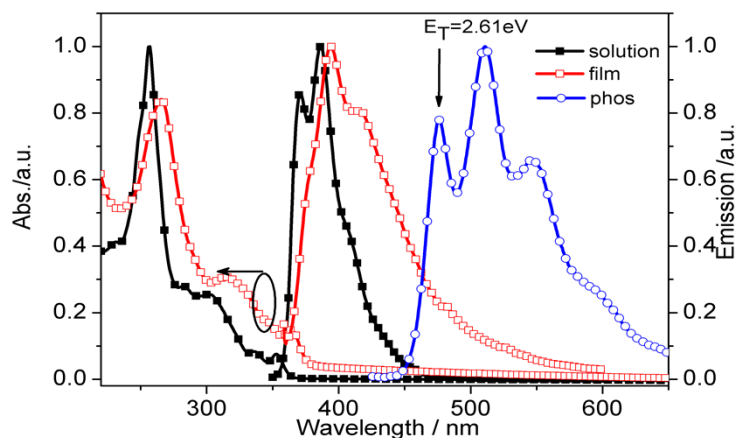


Figure S1. Room-temperature UV-vis absorption spectra, PL of spectra of PPI in CH_2Cl_2 solution (10^{-5} M) and neat films, as well as their phosphorescence spectra in 2-MeTHF solution (10^{-5} M) at 77K.

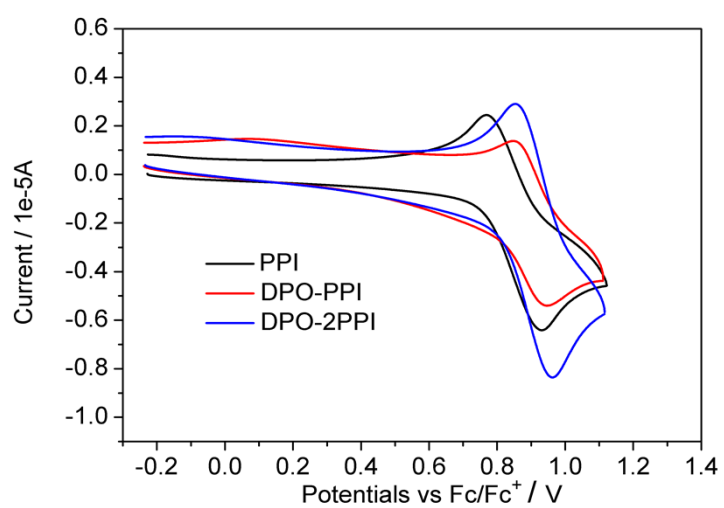


Figure S2. Cyclic voltammograms of PPI, DPO-PPI and DPO-2PPI in CH₂Cl₂ (5×10⁻⁴ M) for oxidation.