

Supporting Information

Hydrogen bonding assisted switchable fluorescence in self-assembled complexes containing diarylethene: Controllable fluorescent emission in solid state

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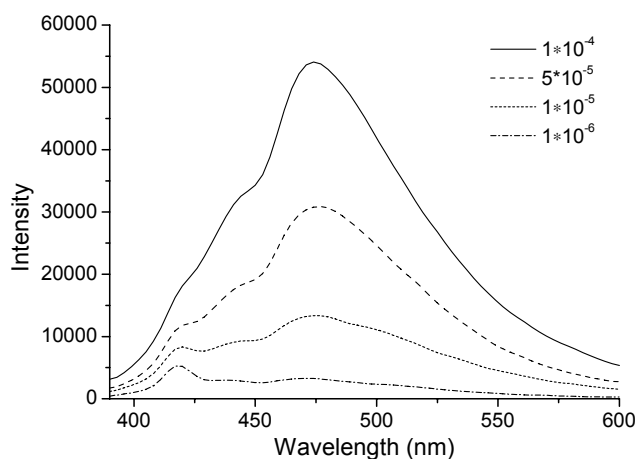


Fig. S1. Fluorescent emission of different concentrated FPNs. (THF/water =1:100, 25 °C)

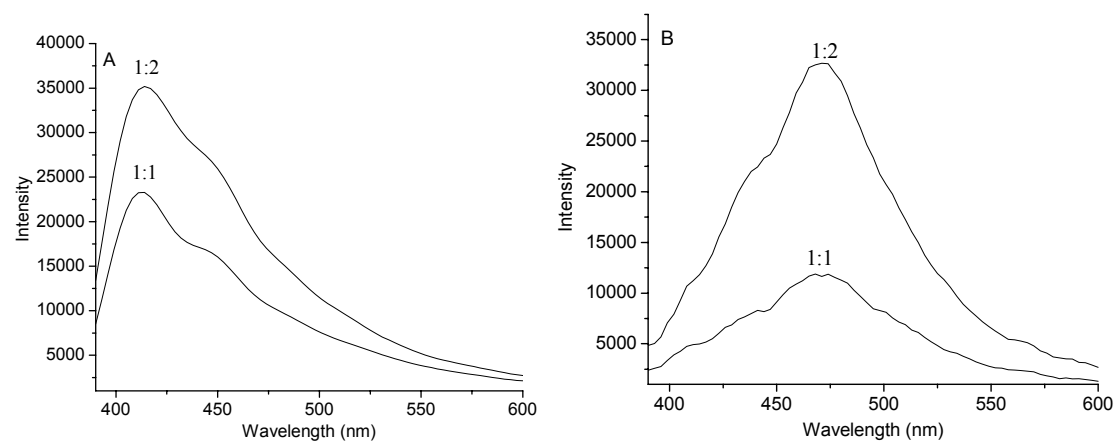


Fig. S2 Fluorescent spectra of complexes BTEPy/TDBA in the ratio of 1: 1 and 1: 2, respectively, in THF solution (A, 1×10^{-5} M) and solid film (B).

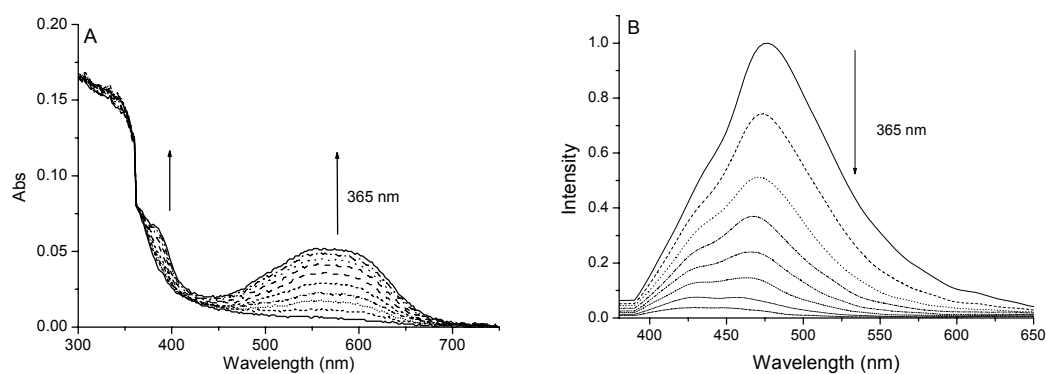


Fig. S3 Absorption (A) and fluorescent (B) spectral changes of BTEPy·2TDBA solid film upon irradiation of 365 nm light. (ex: 365 nm)

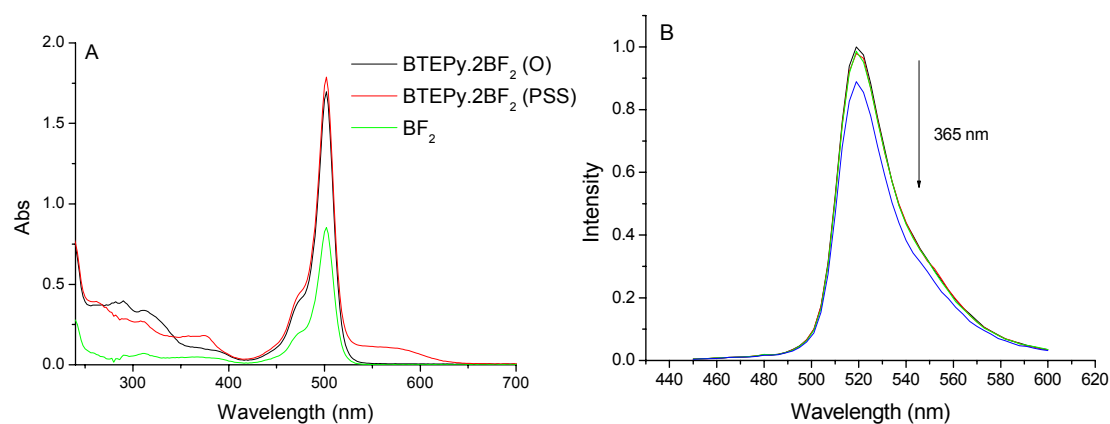


Fig. S4 (A) Absorption spectra of BTEPy·2BF₂ in THF solution (1×10^{-5} M); (B) Fluorescent change of BTEPy·2BF₂ during photochromism (1×10^{-5} M). (Ex: 365 nm).