Supporting Information

for

Synthesis of Directly Linked Zinc$^{II}$ Porphyrin-Imide Dyads and

Energy Gap Dependence of Intramolecular Electron Transfer

Reactions

By

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Supporting Information Captions

1. X-ray structure of ZP-MPH. Hydrogen atoms and t-butyl groups are omitted for clarity.
2. X-ray structure of ZP-Cl$_2$PH. Hydrogen atoms and t-butyl groups are omitted for clarity.
3. X-ray structure of ZP-Cl$_4$PH. Hydrogen atoms and t-butyl groups are omitted for clarity.
4. Fluorescence decays of ZP-PH (a) and ZP-CIPH (b) in THF ($\lambda_{ex}$=590 nm, $\lambda_{em}$=650 nm). Solid lines indicate biexponential fits; 280 ps (67%) and 1440 ps (33%) for ZP-PH and 280 ps (58%) and 1190 ps (42%) for ZP-CIPH.
5. Fluorescence decay of ZP-PH in DMF ($\lambda_{ex}$=590 nm, $\lambda_{em}$=650 nm). Solid line indicates a biexponential with lifetimes of 160 ps (46%) and 1180 (54%).
**Supporting Information 4**

a) ZP-PH in THF

b) ZP-CIPH in THF
ZP-PH in DMF

Fluorescence Intensity vs. Time / ps

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