Supporting Information

Investigation of the push-pull effects on β -functionalized zinc porphyrin coordinated to C₆₀ donor-acceptor conjugates

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Figure S1. Fluorescence decay profiles of **1** and **2** in DCB.

Figure S2. Differential pulse voltammogram of (a) **1** and (b) **2** in dichlorobenzene containing 0.1 M (TBA)PF₆ as supporting electrolyte.

Figure S3. Energy level diagram showing different photochemical events in the studied push-pull zinc porphyrin-C₆₀ conjugates.

Figure S4. Nanosecond transient spectra of **1** in DCB. The time profile is shown at the right hand panel.

Figure S5. Characterization of compounds

^1H NMR of compound **1** in CDCl_3 at 500 MHz

^{13}C NMR of compound **1** in CDCl_3 at 126 MHz

HRMS MALDI-LTQ-XL Orbitrap spectra of compound **1** [M]⁺

RA_120116_W3-53_03_E4#1-30 RT: 0.00-0.93 AV: 30 NL: 2.45E7
T: FTMS + pMALDI Full ms [1600.00-1700.00]

¹H NMR of compound **2** in CDCl₃ at 500 MHz

¹³C NMR of compound **2** in CDCl₃/MeOD at 126 MHz

HRMS MALDI-LTQ-XL Orbitrap spectra of compound **2** [M]⁺

RA_120116_W3-56_02_E6#1-31 RT: 0.00-0.93 AV: 31 NL: 1.68E6
T: FTMS + p MALDI Full ms [1500.00-1600.00]