Supporting Information

for

Synthesis, optical and electrochemical properties of (D−π)$_2$-type and (D−π)$_2$Ph-type fluorescent dyes

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$^1$H and $^{13}$C NMR spectra of OTT-2
Figure S1: (a) $^1$H NMR (500 MHz) and (b) $^{13}$C NMR (125 MHz) spectra of OTT-2 in CD$_2$Cl$_2$. 
Figure S2: Cyclic voltammograms of OTK-2 (0.1 mM) in DMF containing 0.1 M Bu₄NClO₄ (a) at a scan rate of 100 mV s⁻¹ in a broader potential range (−0.2 to 1.5 V), (b) by the repeated potential cycling (20th scan) at a scan rate of 100 mV s⁻¹ and (c) at different scan rates (50, 100, 200, 400, 600 and 1000 mV s⁻¹). The arrow denotes the direction of the potential scan. The inset in (a) is magnification of potential range from 0 to 0.8 V.

Figure S3: Cyclic voltammograms of OTT-2 (0.1 mM) in DMF containing 0.1 M Bu₄NClO₄ (a) at a scan rate of 100 mV s⁻¹ in a broader potential range (−0.2 to 1.5 V), (b) by the repeated potential cycling (20th scan) at a scan rate of 100 mV s⁻¹ and (c) at different scan rates (50, 100, 200, 400, 600 and 1000 mV s⁻¹). The arrow denotes the direction of the potential scan. The inset in (a) is magnification of potential range from 0 to 0.8 V.