Novel Electrochemiluminescent Materials for Sensor Applications

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Supplementary Material

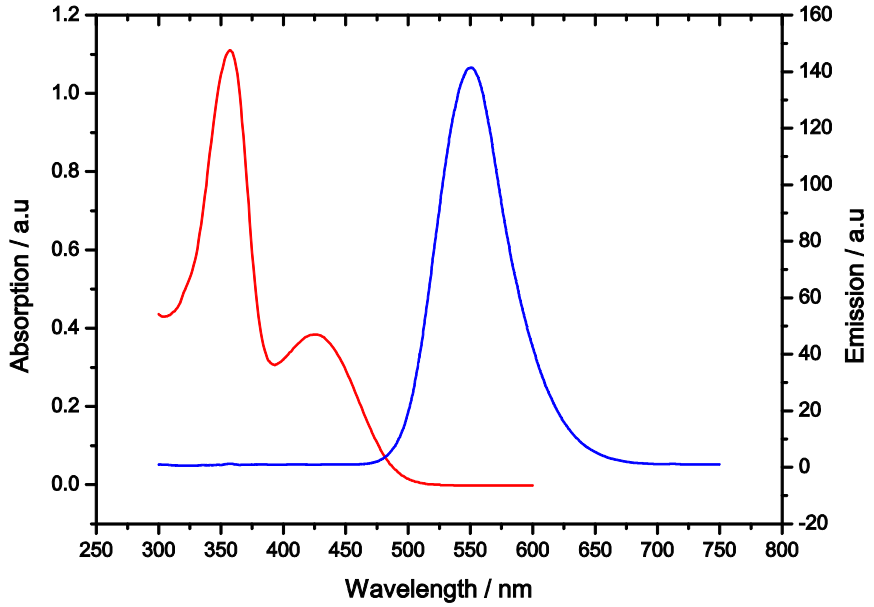

Figure S1. Normalized absorption (red line) and normalized fluorescence (blue line) spectra of T4BT-B in solvent 1:2 MeCN/Bz. The excitation wavelength for T4BT-B was 357 nm.

Table S1. Comparison of Electrochemical and Spectroscopic data of T4BT-B with DPA

	Emission, λ_{max} (nm)	Absorption, λ_{max} (nm)	Optical HOMO-LUMO gap, Eg (eV)	Electrochemical HOMO-LUMO gap, Eg (eV)	ECL, λ_{max} (nm)	ECL efficiency φ_{ECL} (%)
T4BT-B	551	357	2.52	2.58	564	59.9