Electronic Supporting Information for:

[Pt(mesBIAN)(tda)]: A Near-Infrared Emitter and Singlet Oxygen Sensitizer

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Figure S1. Cyclic and differential pulse voltammogram of [Pt(mesBIAN)(tda)] in 0.15 M TBAPF$_6$ in CH$_2$Cl$_2$, demonstrating irreversible oxidation in the complex.
Figure S2. Cyclic voltammogram (0.15 M TBAPF₆ in CH₂Cl₂) showing the reversible one-electron reduction of the mesBIAN ligand in [Pt(mesBIAN)(tda)].
Figure S3. Temperature dependent emission spectra of [Pt(mesBIAN)Cl₂] in 4:1 EtOH:MeOH at RT (black line) and 77 K (red line). A 1110 cm⁻¹ thermally-induced Stokes shift is observed.
Figure S4. Representative transient absorption (A) and emission (B) decays of [Pt(mesBIAN)(tda)] in argon-saturated toluene with fitted lifetime and residuals superimposed.