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INORG CHEM

Synthesis and Spectroelectrochemistry of $\text{Ir}(\text{bpy})(\text{phen})(\text{phi})^{3+}$, a Tris(heteroleptic) Metallointercalator

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Figure S1: Electronic absorption spectra of $\text{Ir}(\text{bpy})(\text{phen})(\text{phi})^{3+}$ in the presence of increasing ct-DNA concentration ($R_{\text{nuc:Ir}}$ = ratio DNA nucleotide to iridium complex). The metal concentration was held constant and ct-DNA was titrated. Conditions are 20 μM Ir-complex, Tris-buffer (5 mM Tris, 50 mM NaCl, pH = 7.5). Inset: Plot per cent hypochromism at 396 nm vs. $R_{\text{nuc:Ir}}$.

Figure S2. Electronic absorption spectra of $\text{Ir}(\text{bpy})(\text{phen})(\text{phi})^{3+}$ as a function of pH. Spectra were recorded in 0.1 M potassium phosphate.

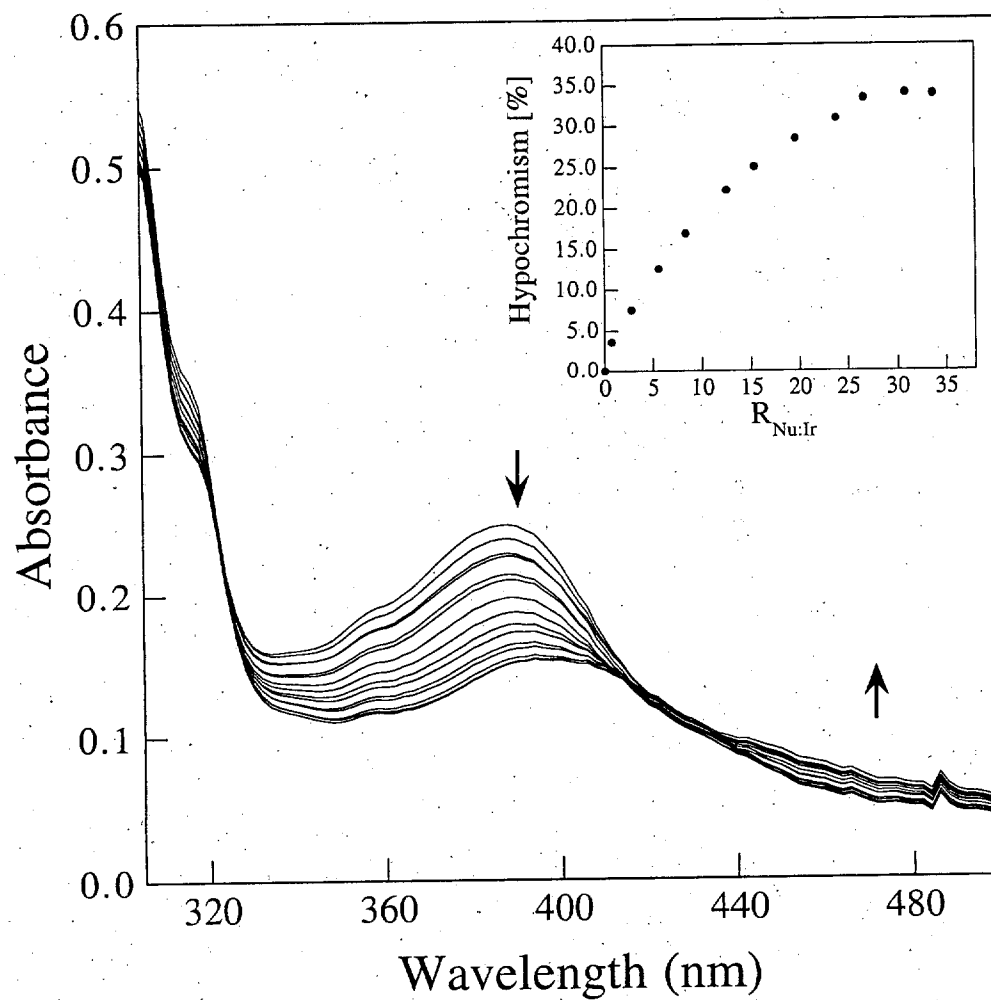


Figure S1

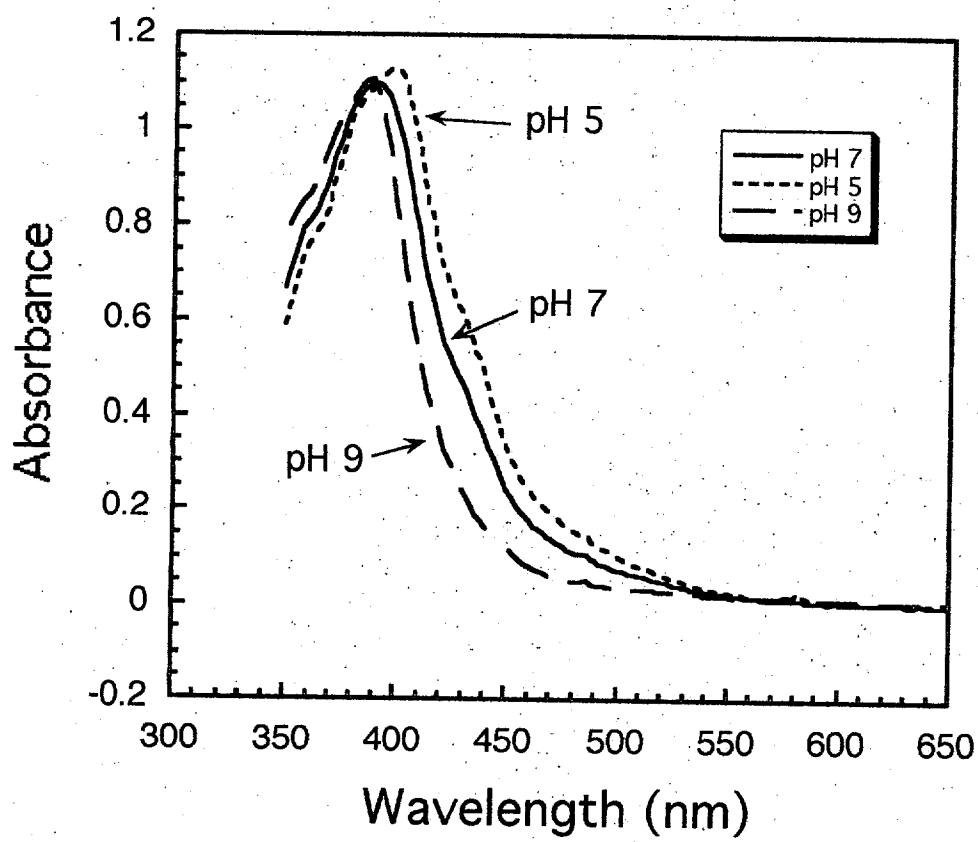


Figure S2