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SUPPLEMENTARY MATERIAL

Synthesis, Characterization, Interaction with DNA, Cytotoxicity and Apoptotic studies of Ru(II) polypyridyl complexes

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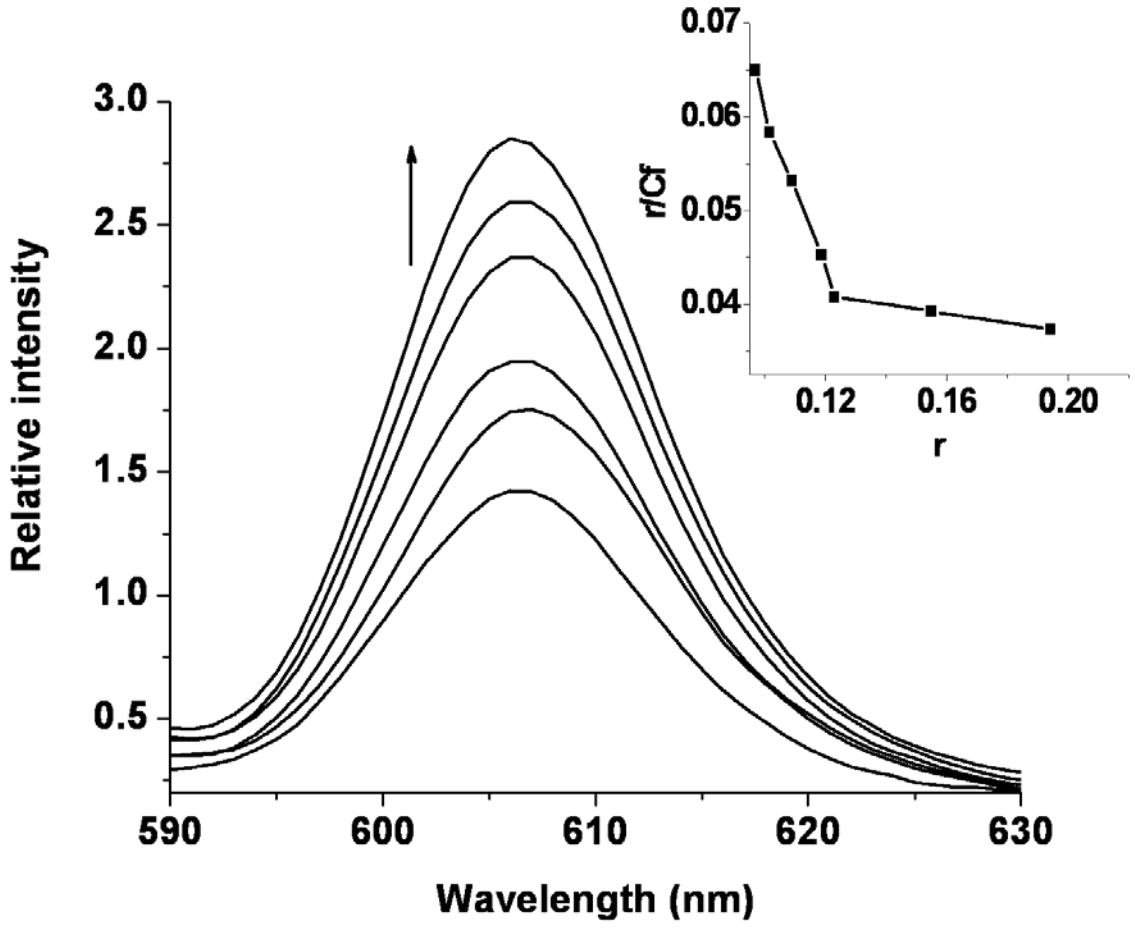

Fig. S1. Emission spectra of **1** in Tris-HCl buffer at 25 ºC upon addition of CT-DNA, [Ru] = 20 μM, [DNA] = 0-120 μM. The arrow shows the increase in intensity upon increasing CT-DNA concentrations.

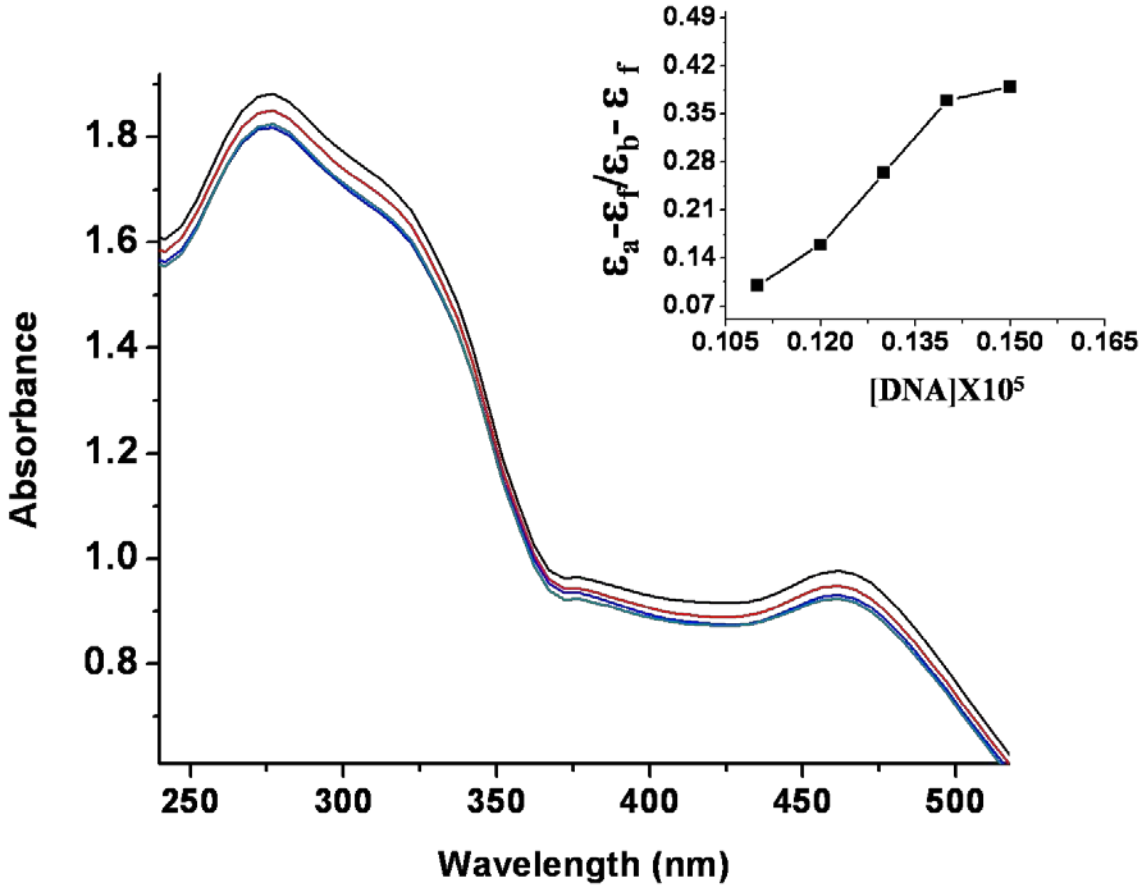

Fig. S2. Absorption spectra of complex **2** in Tris-HCl buffer upon addition of CT-DNA in absence (*top*) and presence of CT-DNA (*lower*) the [complex] = 20 μM. *Inset* plots of $(\varepsilon_a-\varepsilon_f)/(\varepsilon_b-\varepsilon_f)$ versus [DNA] for the titration of DNA with Ru(II) complex. *Arrow* shows change in absorption with increasing DNA concentration.