

Figure S1 FTIR spectra of (a) complex (2) and (b) complex (4) measured with KBr at 298 K. where R = (a) 4-Et, (b) 4-Bz.

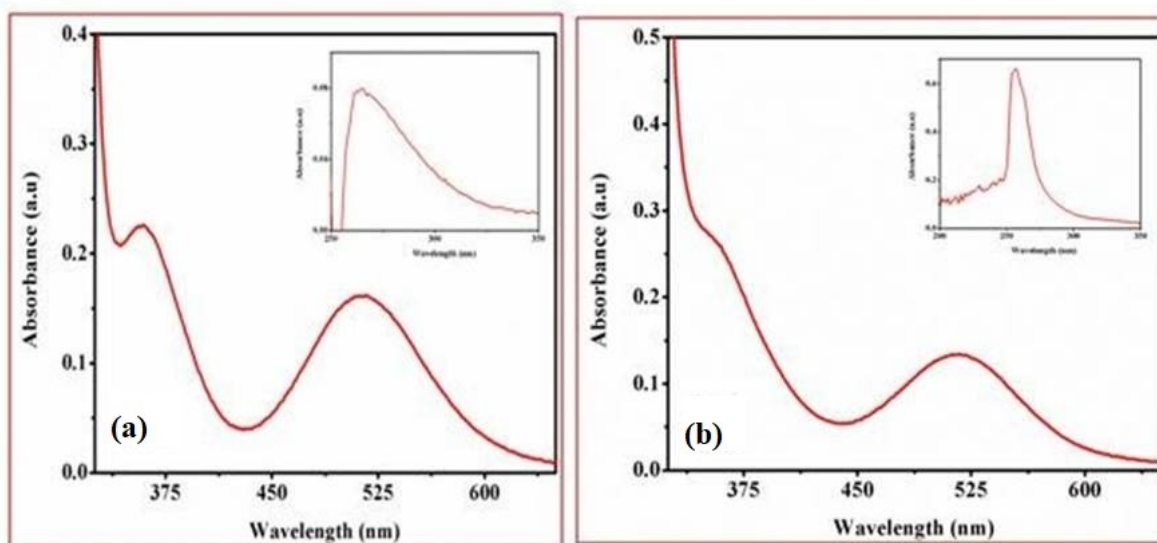


Figure S2 UV-vis spectra of (a) complex (2) and (b) complex (4) measured in water at 298 K.

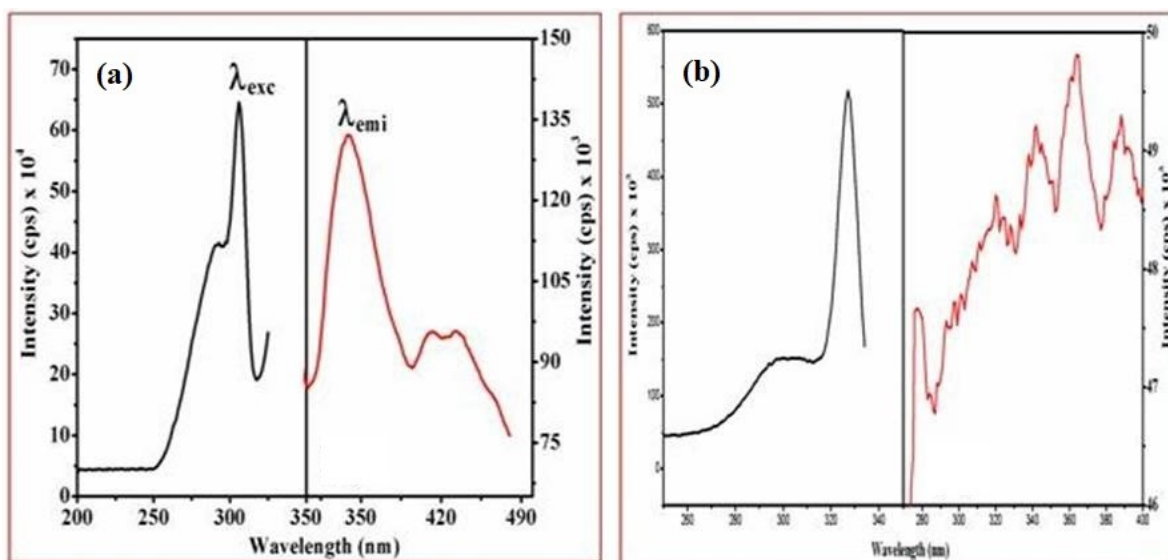


Figure S3 Steady state excitation and emission spectra of (a) complex (2) and (b) complex (4) measured at $\lambda_{max} = 256$ nm in water ($\sim 2 \mu\text{M}$) at 298 K.

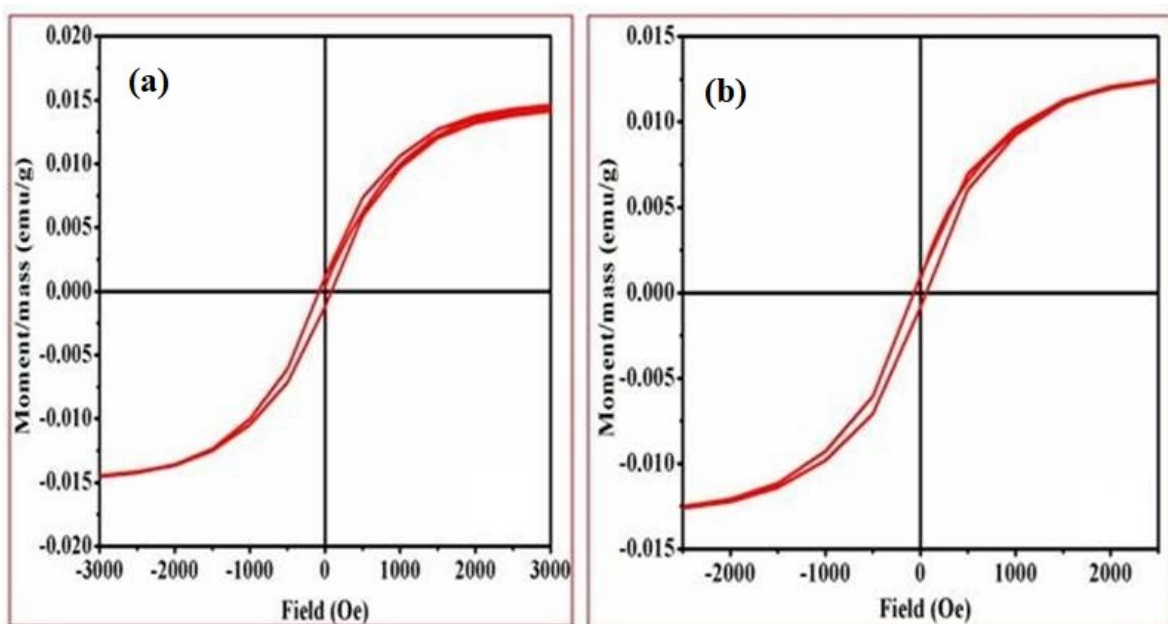


Figure S4 Magnetic hysteresis loop of (a) complex (2) and (b) complex (4) measured at 298 K.