

Supporting Information

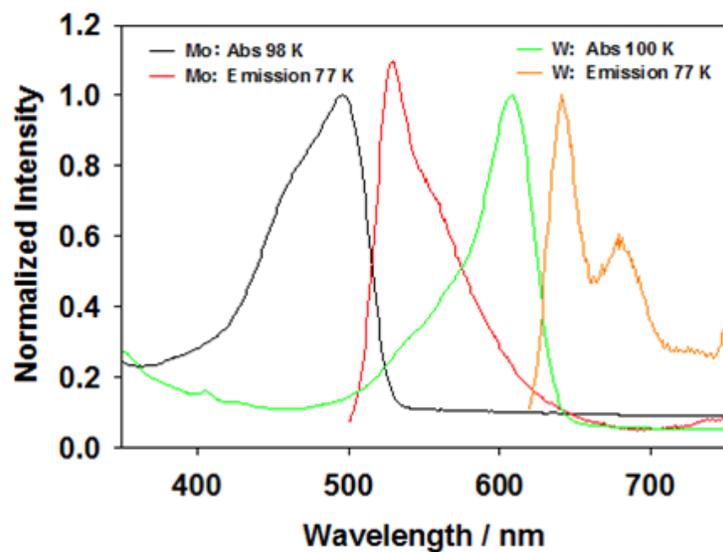


Figure S1: Low temperature absorbance and emission spectra of complexes **I** ($\lambda_{\text{ex}} = 490$ nm) and **II** ($\lambda_{\text{ex}} = 600$ nm) in 2-MeTHF.

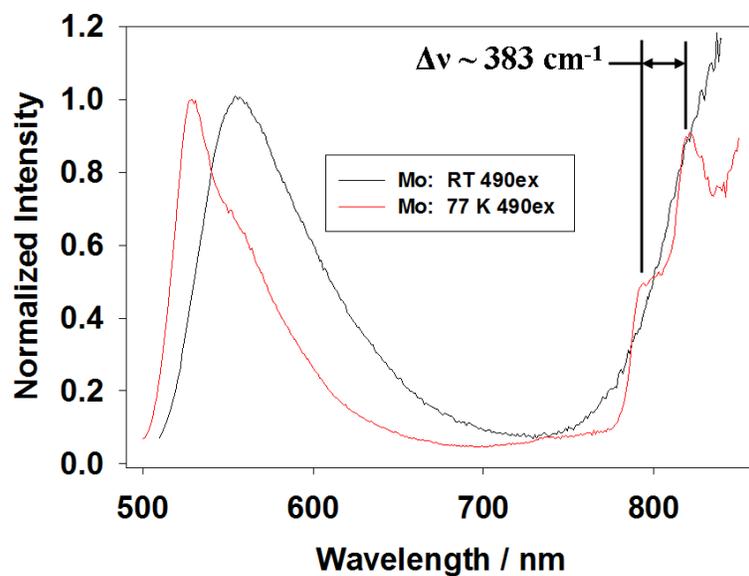


Figure S2: Emission spectra for complex **I** at room temperature in THF and low temperature (77K) in 2-methyltetrahydrofuran with $\lambda_{\text{ex}} = 490$ nm.

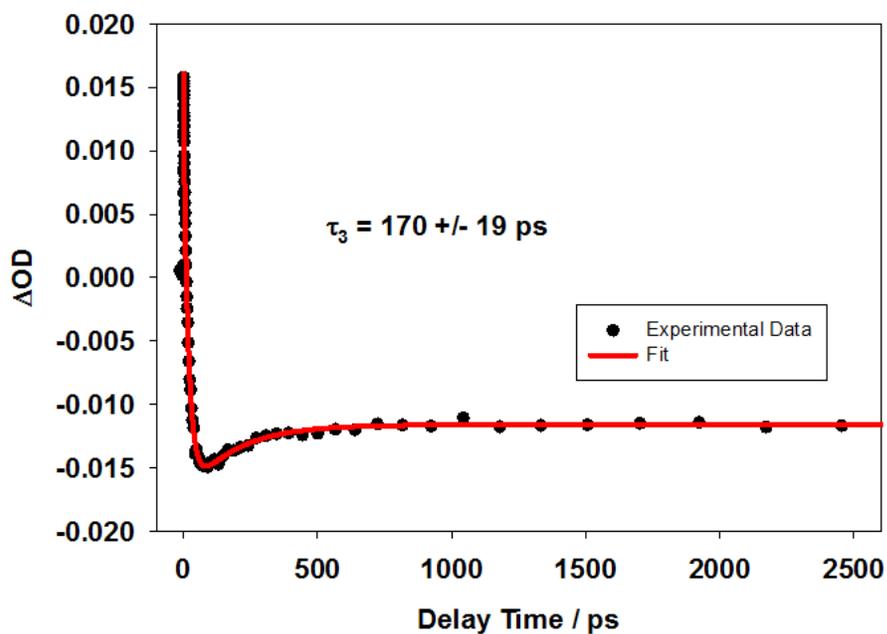


Figure S3: Femtosecond transient absorption kinetic trace for complex **I** excited at 514 nm and detected at 450 nm showing further decay in the ground state bleach at long delay times.