

Figure S1. Stern-Volmer plot of low concentration additions of $[P_2W_{17}O_{61}]^{10-}$ to $[Ru(bpy)_3]^{2+}$ for derivation of K_a for $[Ru(bpy)_3]_5 \cdot [P_2W_{17}O_{61}]$.

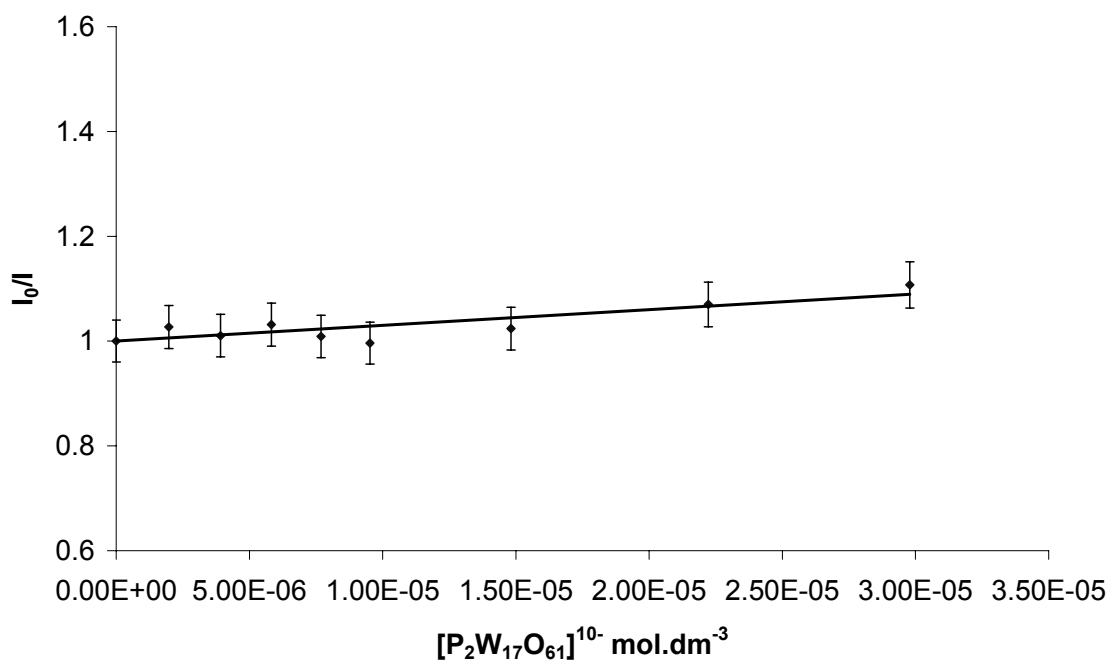


Figure S2. Raman spectroscopy of solid (a) $[\text{K}_5\text{P}_2\text{W}_{17}\text{O}_{61}]$, (b) $[\text{K}_7\text{P}_2\text{W}_{17}\text{O}_{61}(\text{Fe}^{3+} \cdot \text{OH}_2)]$ and (c) $[(n\text{-C}_4\text{H}_9)_4\text{N}]_{6.75}\text{H}_{0.5}\text{P}_2\text{W}_{17}\text{O}_{61}(\text{Fe}^{3+} \cdot \text{Br})$ excited at 488 nm.

