Supplementary Figure 1 Photooxidation of $r^{CP}\text{C}$ by Rh(phen)$_2$(bpy')$_3$$^3+$. 30 $\mu$l aliquots of 250 $\mu$M $r^{CP}\text{C}$, 25 $\mu$M Rh in 50 mM NaCl, 10 mM sodium phosphate (pH 7.0) were irradiated at 365 nm for 40 min. Shown are the HPLC traces before (blue) and after (red) irradiation; $r^{CP}\text{C}$ decomposed to produce two major products rC and $r^{HP}\text{C}$. The products were confirmed by mass spectrometry: M.W. (rC) = 243 and M.W. (r$^{HP}\text{C}$) = 315. Similar results were obtained with AQ.