

Electronic Supplementary Information

Remote Site Photosubstitution in Metalloporphyrin-Rhenium Bipyridine Tricarbonyl Assemblies: Photo-reactions of Molecules with Very Short- lived Excited States

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Figure S1. Uv/vis spectra recorded before (solid line) and after, 30, 60, and 120 min of photolysis with Et₃N (20 equivalents in THF, Xe lamp $\lambda > 495$ nm). (a) **Bpy-ZnTPP**; (b) **[Re(CO)₃(Pic)Bpy-ZnTPP][OTf]**.

Figure S2: Infrared spectra of the photolysis of **[Re(CO)₃(Pic)BpyZnTPP][OTf]** with Et₃N (20 equivalents in THF, Xe lamp visible light, $\lambda > 495$ nm) spectra recorded after 0, 30, 60, 90, and 120 min.

Figure S3: EPR spectrum after photolysis (Xe arc with cut-off filter for $\lambda > 400$ nm) of **[Re(CO)₃(Pic)BpyZnTPP][OTf]** in THF with 5% Et₃N and 3-picoline. Peak to peak width 6.9 mT, $g = 2.0033$.

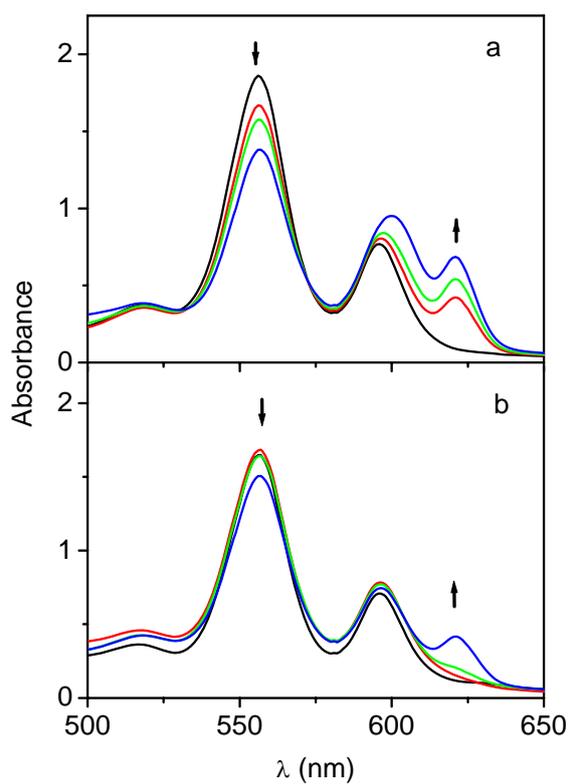


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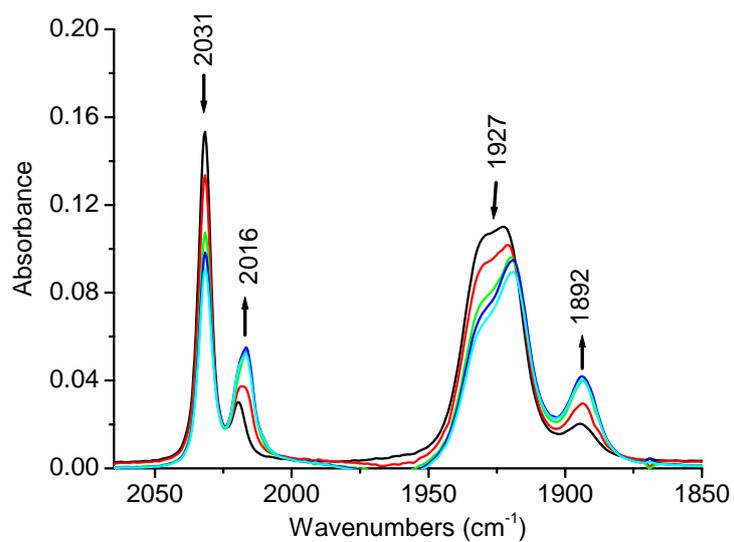


Figure S2: Infrared spectra of the photolysis of $[\text{Re}(\text{CO})_3(\text{Pic})\text{BpyZnTPP}][\text{OTf}]$ with Et_3N (20 equivalents in THF, Xe lamp visible light, $\lambda > 495$ nm) spectra recorded after 0, 30, 60, 90, and 120 min.

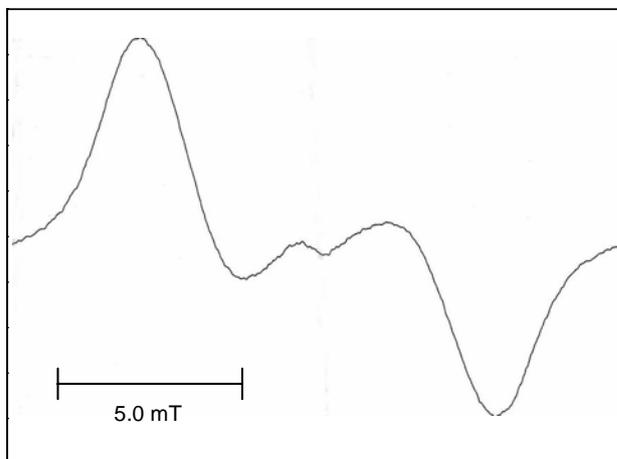


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