

Phototriggered Sulfoxide Isomerization in [Ru(pic)₂(dmsO)₂]

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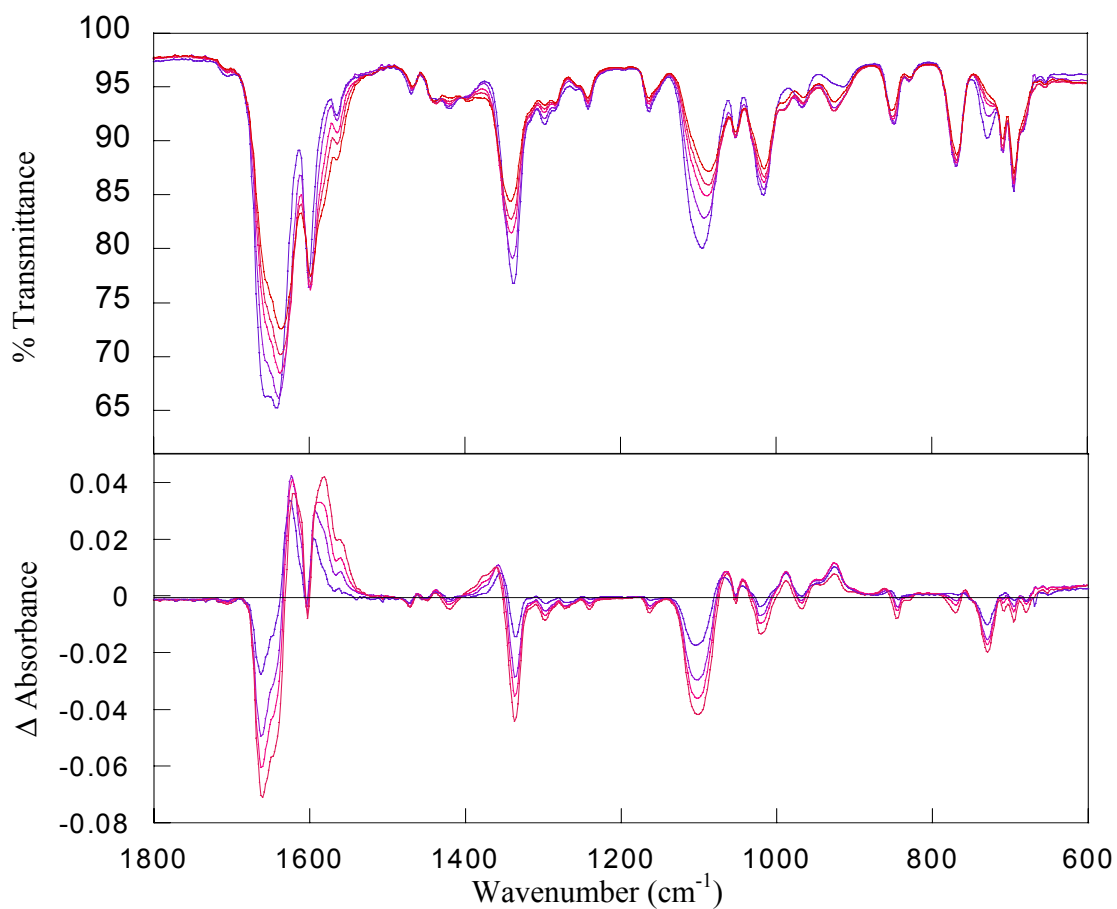


Figure S1. Infrared spectra depicting absorption changes (blue to red) upon 355 nm irradiation of the sample (upper panel) and subtraction spectra highlighting changes in absorption (lower panel).

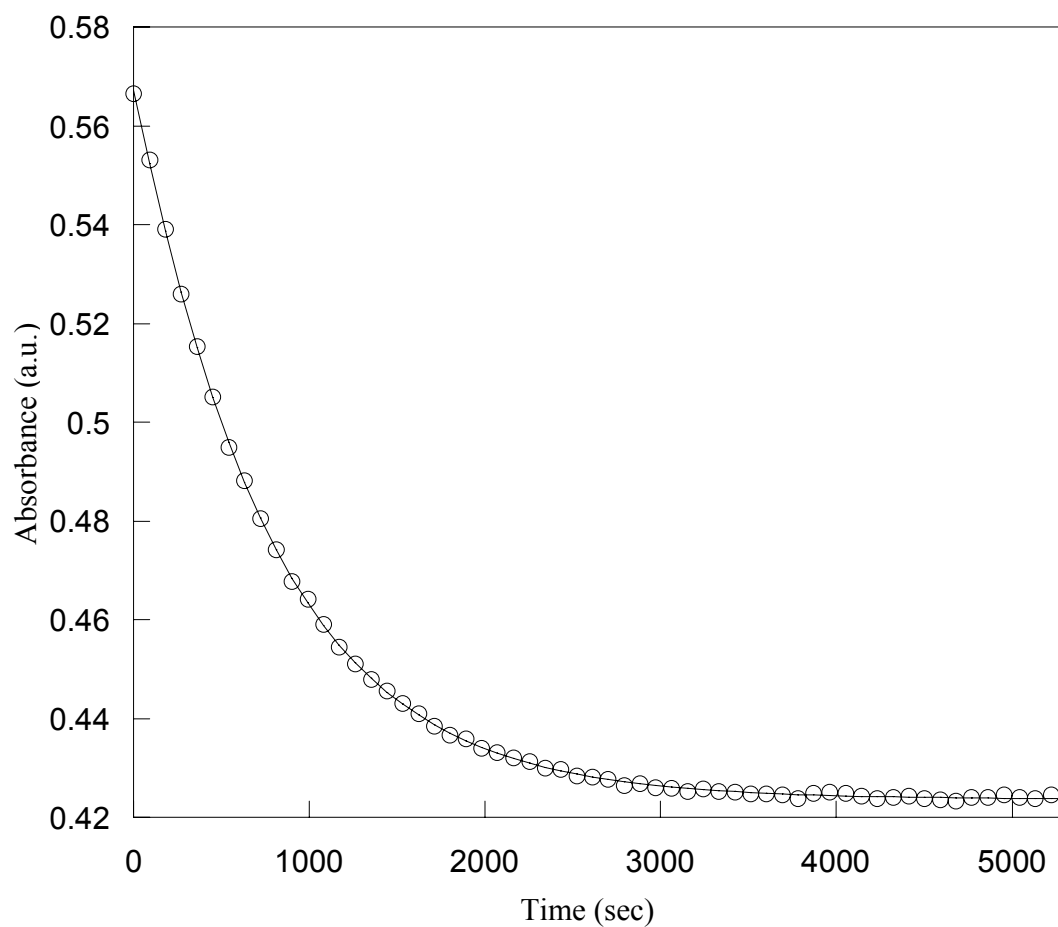


Figure S2. Selected time trace at $\lambda_{\text{obs}} = 372$ nm. Solid line represents the biexponential (A \rightarrow B \rightarrow C) fit to the absorbance data (open circles).

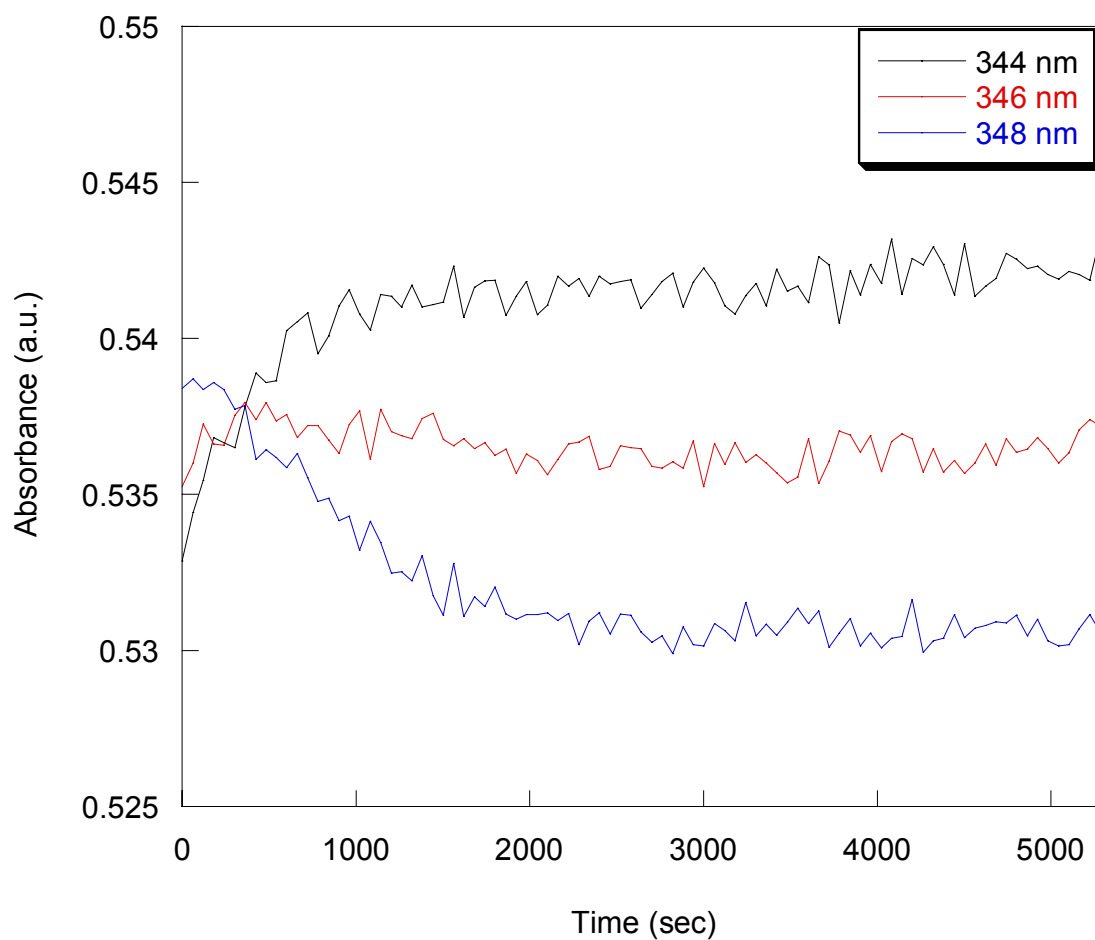


Figure S3. Selected time trace at $\lambda_{\text{obs}} = 344$ nm (black), 346 nm (red), and 348 nm (blue). Traces further highlight biphasic (A \rightarrow B \rightarrow C) nature of absorption data near pseudoisobestic point.