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 pseudoisosbestic point.