

Table S1. Linear fits of $\ln k_{\text{obs}}$ vs. $\ln [m\text{-CPBA}]$ at low oxidant concentrations and extracted parameters.

T (K)	<i>Slope</i>	<i>Intercept</i>	R^2
277.9	0.623 ± 0.07	2.40 ± 0.25	0.980
283.4	0.735 ± 0.10	3.068 ± 0.33	0.975
289.5	0.567 ± 0.05	3.025 ± 0.1	0.998
294.3	0.528 ± 0.1	3.09 ± 0.1	0.995

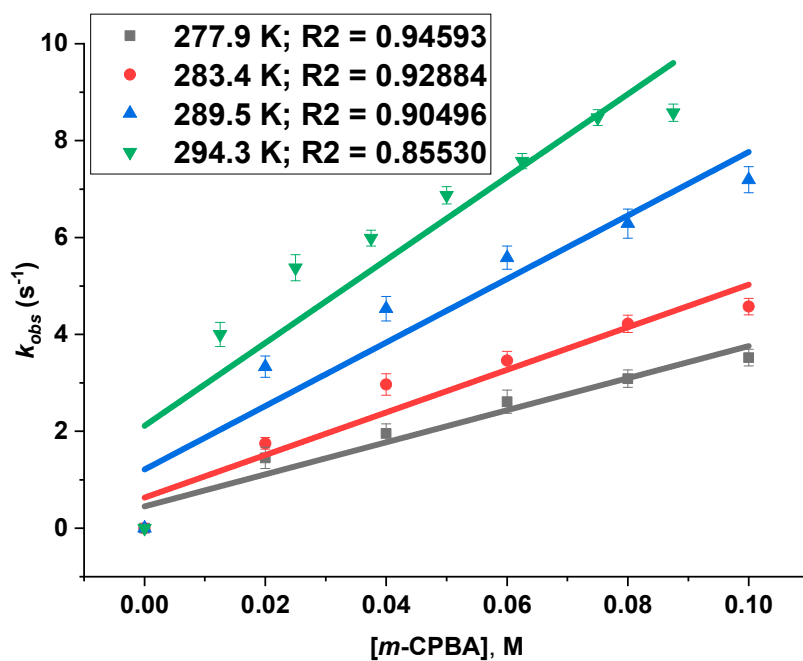


Figure S1. Linear dependence of the observed first-order rate constant k_{obs} for formation of Fe^{IV}=O intermediate **2** on the concentration of m-CPBA at four temperatures (277.9, 283.4, 289.5, and 294.3 K). Solid lines show linear least-squares fits with the indicated R² values