

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
784	Cyclobutanone	$\text{e}_{\text{aq}}^- + (\text{CH}_2)_3\text{CO}^- \longrightarrow$ $-\text{CH}_2\text{CO}-(\text{CH}_2)_2-$	8.2	8.2×10^9	p.r.; D.k. at 600 nm in soln. contg. 0.1 mol L ⁻¹ tert-BuOH; rate constant for 3°C; at 64° $k = 2.6 \times 10^{10}$.	761103