

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
785	Cycloheptanone	$\text{e}_{\text{aq}}^- + (\text{CH}_2)_6\text{CO} \longrightarrow$ $-\text{CH}_2\text{CO}^-(\text{CH}_2)_5^-$	6.0	6.0×10^9	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 = 1.9×10^{10} .	761103