

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
698	2,3-Butanedione	$\text{e}_{\text{aq}}^- + \text{CH}_3\text{COCOCH}_3 \longrightarrow$		3.9×10^9	Average of 2 values.	84A459
				9.9×10^9	p.r.; D.k. at 600 nm.	
				1.0×10^{10}	p.r.; D.k. at 720 nm.	680249