

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1136	Malonic acid	$\text{e}_{\text{aq}}^- + \text{HO}_2\text{CCH}_2\text{CO}_2\text{H} \longrightarrow \text{OH}^- + \text{OCCH}_2\text{CO}_2\text{H}$		1.6×10^9	p.r.; D.k. at 600 nm; k cor. for I .	84A459
				5.0×10^9	γ -r.; C.k.; calcd. from pH study; $k_{\text{obs}} = 1.2 \times 10^9$ at pH 2.1; rel. to $k(\text{e}_{\text{aq}}^- + \text{BrPhOH})$.	720027
			3-4	1.5×10^9	γ -r.; C.k.; author cor. for e_{aq}^- + malonate ions; rel. to $k(\text{e}_{\text{aq}}^- + \text{H}^+) = 1.6 \times 10^{10}$; $I = 0.05$.	720057