

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
536	Acrylic acid	$\text{e}_{\text{aq}}^- + \text{H}_2\text{C}=\text{CHCO}_2\text{H} \longrightarrow [\text{CH}_2\text{CHCO}_2\text{H}]^{\bullet-}$	2.0-3.7	2.4×10^{10}	p.r.; C.k. in soln. contg. 0.1 mol L ⁻¹ <i>tert</i> -BuOH; rel. to $k(\text{e}_{\text{aq}}^- + \text{H}^+)$.	761113