

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
775	trans-Crotonic acid	$e_{\text{aq}}^- + \text{CH}_3\text{CH}=\text{CHCO}_2\text{H} \longrightarrow [\text{CH}_3\text{CHCHCO}_2\text{H}]^-$	2.0-3.7	$1.8 \times 10^{10}$	p.r.; C.k.; $pK_a = 4.69$ ; rel. to $k(e_{aq}^- + H^+)$ .	761113