

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
847	5,8-Dihydroxy-1,4-naphthoquinone	$\text{e}_{\text{aq}}^- + \text{NQ}(\text{OH})_2 \longrightarrow \cdot \text{NQ}(\text{OH})_2^-$	5.8	$3.1 \times 10^{10}$	p.r.; D.k. at 700 nm in Ar-satd. soln. contg. 0.1 mol L <sup>-1</sup> Na formate; at pH 9.2 $k = 2.4 \times 10^{10}$ ; $pK_a = 7.85, 10.70$ .	83A039