

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
331	5,8-Dihydroxy-1,4-naphthoquinone	$\text{H}^\cdot + \text{NQ}(\text{OH})_2 \longrightarrow \cdot\text{NQH}(\text{OH})_2$	1.2	8.9×10^9	p.r.; P.b.k. in Ar-satd. soln. contg. 5×10^{-2} mol L ⁻¹ H ₂ SO ₄ and 0.1 mol L ⁻¹ <i>tert</i> -BuOH.	83A039