

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
450	1,4-Naphthoquinone-2-sulfonate ion	$\text{H} \cdot + 2\text{-SO}_3\text{NQ}^- \longrightarrow 2\text{-SO}_3\text{NQ(H)}^-$	1.0	6.8×10^9	p.r.; P.b.k. (H adduct); tert-BuOH as OH scavenger.	720171