

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
20.1	Nitrobenzene radical anion	$[\text{C}_6\text{H}_5\text{NO}_2]^{\cdot-} + \text{e}_{\text{aq}}^- + \text{H}^+ \longrightarrow [\text{C}_6\text{H}_5\text{NO}_2\text{H}]^-$	10	2.5×10^{10}	p.r.; Calcd. from p.b.k. during train of pulses (train length $\sim 100 \mu\text{s}$); both opt. and condy. methods.	710171