

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1257	4-Nitrobenzenediazonium Ion	$\text{e}_{\text{aq}}^- + \text{4-NO}_2\text{C}_6\text{H}_4\text{N}_2^+ \longrightarrow \text{4-NO}_2\text{C}_6\text{H}_4\text{N}_2^\bullet$		$4.7 \times 10^{10}$	p.r.; D.k. at 600 nm in N <sub>2</sub> -purged soln. contg. <i>tert</i> -BuOH; counterion tetrafluoroborate.	81A297