

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
696	Butadiene	$\text{e}_{\text{aq}}^- + \text{H}_2\text{C}=\text{CHCH}=\text{CH}_2 \longrightarrow$	7	$8 \times 10^9$	p.r.; D.k. at 578 nm; unbuffered soln.	640044