

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
679	Bromoethane	$\text{e}_{\text{aq}}^- + \text{C}_2\text{H}_5\text{Br} \longrightarrow \cdot\text{CH}_2\text{CH}_3 + \text{Br}^-$		1.2×10^{10}	Average of 2 values.	
			9-10	1.2×10^{10}	p.r.; D.k. at 600 nm.	700407
			7.1	1.2×10^{10}	p.r.; D.k.	650018