

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
648	Ethylene glycol	$\cdot\text{OH} + \text{HOCH}_2\text{CH}_2\text{OH} \longrightarrow \cdot\text{CHOHCH}_2\text{OH} + \text{H}_2\text{O}$		1.8×10^9	Average of 4 values.	
				2.4×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{Fe}(\text{CN})_6^{4-})$.	731046
			nat.	1.7×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{Fe}(\text{CN})_6^{4-})$.	710578
			7	1.7×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{CO}_3^{2-})$.	650190
			7	1.4×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	650387