

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
705	Glycerol	$\cdot\text{OH} + \text{HOCH}_2\text{CH}(\text{OH})\text{CH}_2\text{OH} \longrightarrow$		1.9×10^9	Average of 6 values.	731077
				2.0×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	731077
				1.8×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{Fe}(\text{CN})_6^{4-})$.	710578
				2.1×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{Fe}(\text{CN})_6^{4-})$.	710578
			10.7	1.9×10^9	p.r.; C.k.; at pH 7 $k = 1.6 \times 10^9$ detd. rel. to SCN^- ; rel. to $k(\cdot\text{OH} + \text{CO}_3^{2-})$.	650190
			7	1.5×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	650387
				2.1×10^9	p.r.; C.k. in O ₂ -satd. soln. contg. 0.04 mol L ⁻¹ Na ₂ CO ₃ ⁻ ; rel. to $k(\cdot\text{OH} + \text{CO}_3^{2-})$.	640131