No.	Compound name	Reaction equation	pH	Rate constant ($L\,mol^{-1}\,s^{-1}$)	Comments	Reference
91	Mercury(II) hydroxide	$H^{\bullet} + Hg(OH)_2 \longrightarrow HgOH + H^+$		2.4×10^9	Average of 2 values.	
			~ 7	2.3×10^9	γ-r.; C.k.; 8×10^{-6} mol L^{-1} $HgCl_2$ and 2×10^{-5} mol L^{-1} HCOONa; rel. to $k(H^{\bullet} + HCO_2^{\bullet})$.	660616
			~ 7	2.0×10^9	γ-r.; C.k.; error in reported ratio (1.5×10^3) noted in [660616]; rel. to $k(H^{\bullet} + EtOH)$.	650192