

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
197	(Aqua)pentachlororhodate(III) Ion	$\cdot\text{OH} + \text{Rh}(\text{H}_2\text{O})\text{Cl}_5^{2-} \longrightarrow \text{OH}^- + \text{Rh}(\text{H}_2\text{O})\text{Cl}_5^{2-}$	< 1	3×10^9	p.r.; C.k. in 5 mol L ⁻¹ HCl; rel. to $k(\cdot\text{OH} + \text{tert-BuOH})$.	771050