

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
114	Hexachloroiridate(III) ion	$\cdot\text{OH} + \text{IrCl}_6^{3-} \longrightarrow \text{OH}^- + \text{IrCl}_6^{2-}$		1.2×10^{10}	Average of 2 values.	
			3.0 – 4.5	1.3×10^{10}	p.r.; P.b.k.; hydrolysis of adduct gave IrCl_6^{2-} (k = $1.2 \times 10^5 \text{ s}^{-1} [\text{H}^+]$).	80A095
				1.0×10^{10}	p.r.; C.k.; rel. to k($\cdot\text{OH} + \textit{tert}$ -BuOH)	731066