

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
202	Hexacyanoruthenate(II) Ion	$\cdot\text{OH} + \text{Ru}(\text{CN})_6^{4-} \longrightarrow \text{OH}^- + \text{Ru}(\text{CN})_6^{3-}$		4.8×10^9	Average of 2 values.	
			~ 7	3.9×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + 2\text{-PrOH})$.	731031
			~ 7	5.7×10^9	p.r.; P.b.k. at 350 nm.	731031