

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
114	Hexacyanocobaltate(III) Ion	$\text{e}_{\text{aq}}^- + \text{Co}(\text{CN})_6^{3-} \longrightarrow \text{Co}(\text{CN})_6^{4-}$		4.6×10^9	Average of 3 values.	
			7	3.3×10^9	p.r.; D.k. at 578 nm in soln. contg. 0.2 mol L ⁻¹ <i>tert</i> -BuOH.	731087
			7, 13	5.4×10^9	p.r.; D.k. at 578 nm in H ₂ -satd. soln. contg. MeOH; counterion K ⁺ .	710364
			13	5.0×10^9	p.r.; D.k. at 578 nm; contains ~0.1 mol L ⁻¹ H ₂ ; two distinct transients were observed (~50% each)	690443