

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments
86	Ferricyanide ion	$\text{H}\cdot + \text{Fe}(\text{CN})_6^{3-} \longrightarrow \text{H}^+ + \text{Fe}(\text{CN})_6^{4-}$	0.4-3.2	5.5×10^9	p.r.; D.k.; cor. aquation (\rightarrow 1 strate about 3
			6.3×10^9	Selected value.	
			1.9	7.5×10^9	p.r.; D.k. at 410 nm in soln. contg. 1 mol L ⁻¹ tert-BuOH. 710618
			2-3	0.0×10^9	p.r.; D.k. at 420 nm; recalcd. with cor. for competing reactions [741064]. 080324