

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)
70	5,7,7,12,14,14-Hexamethyl- 1,4,8,11-tetraazacyclotetradeca- 4,11-dienecobalt(II) Ion	$e_{aq}^- + Co(4,11-dieneN_4)^{2+} \longrightarrow Co(4,11-dieneN_4)^+$		4.4×10^{10}
			4.4×10^{10}	p.r.; D.k. at 600 nm.
		6-10	4.4×10^{10}	p.r.; D.k. at 700 and 500 nm in Ar-satd. soln. contg. 1 mol L ⁻¹ tert-BuOH and phospho