

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
89	Dihydroxy(2,3,9,10-tetramethyl-1,4,8,11-tetraazacyclotetradeca-1,3,8,10-tetraene)cobalt(III) ion	$\text{e}_{\text{aq}}^- + \text{Co}(\text{tetraeneN}_4)(\text{OH})_2^+ \longrightarrow \text{Co}(\text{tetraeneN}_4)(\text{OH})_2$	10.0	$4.1 \times 10^{10}$	p.r.; D.k. at 700 nm in soln. contg. 1 mol L <sup>-1</sup> <i>tert</i> -BuOH.	761203