

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
87	Dihydroxy(5,7,12,14,14-hexamethyl-1,4,8,11-tetraazacyclotetradeca-4,11-diene)cobalt(III) Ion	$\text{e}_{\text{aq}}^- + \text{Co}(4,11\text{-dieneN}_4)(\text{OH})_2^+ \longrightarrow \text{Co}(4,11\text{-dieneN}_4)(\text{OH})_2$	11.0	$3.9 \times 10^{10}$	p.r.; D.k. at 700 nm in soln. contg. 1 mol L <sup>-1</sup> tert-BuOH.	761203