

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
118	cis-Bis(thiocyanato-N)bis(ethylenediamine)cobalt(III) Ion	$\text{e}_{\text{aq}}^- + \text{cis-Co(en)}_2(\text{NCS})_2^+ \longrightarrow$	6.00	$6.9 \times 10^{10}$	p.r.; D.k.; counterion SCN <sup>-</sup> ; pK of ligand 6.8, 9.9.	650018