

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
102	cis- Bis(ethylenediamine)difluorocobalt(III) Ion	$\text{e}_{\text{aq}}^- + \text{cis-Co(en)}_2\text{F}_2^+ \longrightarrow$	5-6	$4.9 \times 10^{10}$	p.r.; D.k. at 575 nm.	690428