

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
101	Bis(ethylenediamine)fluorocobalt(III) Ion	$\text{H}_3\text{A}_{\text{aq}}^- + \text{Co(en)}_2(\text{H}_2\text{O})\text{F}^{2+} \longrightarrow$	5-6	$6.3 \times 10^{10}$	p.r.; D.k. at 575 nm; pK of ligand 6.8, 9.9.	690428