

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
51	Pentaammine(trifluoroacetato)cobalt(III) ion	$\text{H}(\text{III})\text{Co}(\text{NH}_3)_5\text{O}_2\text{CCF}_3^{2+} \longrightarrow$	1	$< 1.8 \times 10^5$	$\gamma$ -r.; C.k.; rel. to $k(\text{H} \cdot + \text{EtOH})$ .	660010