

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
54	Pentaammine(nicotinamide)cobalt(III) ion	$\text{Co(NH}_3)_5\text{OH}^{3+} + \text{Co(NH}_3)_5\text{Na}^{3+} \longrightarrow \text{Co(NH}_3)_5\text{NaOH}^{3+}$	5.9	$2.1 \times 10^9$	p.r.; P.b.k.; also c.k. with SCN <sup>-</sup> .	76A265