

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
51	Pentaammine(azido)cobalt(III) ion	$\cdot\text{OH} + \text{Co}(\text{NH}_3)_5\text{N}_3^{2+} \longrightarrow [\text{Co}(\text{NH}_3)_5\text{NNOH}]^{2+}$		1.8×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	81A284