

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
41	Pentaammine(nitrito-N)cobalt(III) Ion	$\text{H}^\bullet + \text{Co}(\text{NH}_3)_5\text{NO}_2^{2+} \longrightarrow$	1	7.2×10^7	γ -r.; C.k.; rel. to $k(\text{H}^\bullet + \text{EtOH})$.	680010