No.	Compound name	Reaction equation	рН	Rate constant $(L \operatorname{mol}^{-1} \operatorname{s}^{-1})$	Comments	Reference
56	Pentaammine(fumarato)cobalt(III) H^{\cdot} + Co(NH ₃) ₅ H -fum ²⁺ \longrightarrow ion		1	2.7×10^9	v-r.; C.k.; rel. to $k(H^{\cdot} + EtOH)$.	680010