No.	Compound name	Reaction equation	рН	Rate constant $(L \operatorname{mol}^{-1} \operatorname{s}^{-1})$	Comments	Reference
68		$e_{aq}^- + Co(bpy)_3^{2+} \longrightarrow Co(bpy)_3^+$	7.1×10^{10}		p.r.; D.k. at 650 nm in soln. contg. 5×10^{-5} mol $\rm L^{-1}$ $\rm Co^{2+}$, 0.15 mol $\rm L^{-1}$ EtOH and 0.005 mol $\rm L^{-1}$ phosphate buffer and varied [bpy].	85A034