No.	Compound name	Reaction equation		pH	Rate constant ($\mathrm{L\,mol^{-1}\,s^{-1}}$)	Comments	Reference
404	Tris(2,2'-bipyrazine)ruthenium(II) Ion	e_{aq}^{-} + $\mathrm{Ru(bpz)_3}^{2+}$ $\mathrm{Ru(bpz)_2(bpz^{\bullet-})}^{2+}$	$\longrightarrow$	nat.	4.7×10^{10}	p.r.; D.k. at 720 nm in Ar-satd. soln. contg. 0.1 mol $\mathrm{L^{-1}}$ formate ion and 25-50 $\times 10^{-6}$ mol $\mathrm{L^{-1}}$ metal complex; in the presence of 0.13 mol $\mathrm{L^{-1}}$ 2-PrOH $k = 9.0 \times 10^{10}$; $I = 0.1$.	86A422