No.	Compound name	Reaction equation	pH	Rate constant $(\text{L mol}^{-1}\,\text{s}^{-1})$	Comments	Reference
402	Tris(2,2'-bipyridine)ruthenium(II) Ion	$e_{aq}^{-} + Ru(bpy)_3^{2+} \longrightarrow Ru(bpy)_3^{+}$			6.9×10^{10}	Average
				5.6×10^{10}	p.r.; D.k. at 600 nm in soln. contg. 1.7×10^{-2} mol L^{-1} $tert$-BuOH.	771093
			7	8.2×10^{10}	p.r.; D.k.	720381