

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
823	1,1'-Dibenzyl-4,4'-bipyridinium Ion	$e_{\text{aq}}^- + \text{BV}^{2+} \longrightarrow \text{BV}^{\cdot+}$	6.2	7×10^{10}	Average of 2 values.	80N187
			7	4.5×10^{10}	p.r.; D.k. at 700 nm in 0.002 mol L ⁻¹ phosphate buffer contg. 0.2 mol L ⁻¹ 2-PrOH and 0.1-1.3 × 10 ⁻⁵ mol L ⁻¹ benzyl viologen.	80N187
			6.8	7.9×10^{10}	p.r.; D.k. at 700 nm; counterion I ⁻ .	78A321