

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
904	1-Dodecyl-1'-methyl-4,4'- bipyridinium Ion	$\text{e}_{\text{aq}}^- + \text{MDV}^{2+} \longrightarrow \text{MDV}^+$		3.1×10^{10}	p.r.; D.k. at 500 nm, as well as p.b.k. at 305 nm, in soln. contg. 0.1 mol L ⁻¹ 2-PrOH; $k = 5.3 \times 10^9$ in 8.0×10^{-2} mol L ⁻¹ SDS and 2.5×10^{10} in 4×10^{-2} mol L ⁻¹ CTAB.	84A010