

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
893	3,8-Dinitro-5-methyl-6-phenylphenanthridium ion	$\text{e}_{\text{aq}}^- + \text{C}_{20}\text{H}_{16}\text{N}_3\text{O}_4^+ \longrightarrow$	~ 7	3.5×10^{10}	p.r.; D.k. at 650 nm in soln. contg. 0.1 mol L ⁻¹ tert-BuOH; <i>k</i> decrease to $< 1 \times 10^{10}$ on addn. of DNA; counterion Br ⁻ .	76A256