

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
917	Ethidium	$\text{e}_{\text{aq}}^- + \text{C}_{21}\text{H}_{20}\text{N}_3^+ \longrightarrow$		3.7×10^{10}	Average of 3 values.	
			~ 7	4.0×10^{10}	p.r.; D.k. at 650 nm in soln. contg. 0.1 mol L ⁻¹ tert-BuOH; decreased with added protein, DNA, carbohydrate and lipid; counterion Br ⁻ .	76A256
				4.0×10^{10}	p.r.; D.k.; counterion Br ⁻ .	751185
			~ 7	3.0×10^{10}	p.r.; D.k. at 700 nm; DNA bound dye, $k = 2.2 \times 10^9$.	753094