

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
530	Acridine	$e_{\text{aq}}^- + \text{A} \longrightarrow \cdot \text{AH}$	10	$1.3 \times 10^{10}$	p.r.; D.k. at 720 nm; pH adjusted by Ba(OH) <sub>2</sub> .	82A385
			12.3	$4 \times 10^{10}$	f.p.; D.k. at 660 nm in deoxygenated soln.; Product identified by abs. spectrum, $\lambda_{\text{max}} = 510$ nm, $\epsilon_{\text{max}} = 4000$ L mol <sup>-1</sup> cm <sup>-1</sup> .	82B006
			13	$3.0 \times 10^{10}$	p.r.; P.b.k.	79A305
			9.2	$2.2 \times 10^{10}$	p.r.; D.k. at 700 nm in Ar-satd. soln. contg. <i>tert</i> .-BuOH.	741127