

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
518	3,6-Diaminoacridine (Proflavine)	.OH + PF $\longrightarrow$	$\sim 7$	$1.0 \times 10^{10}$	p.r.; D.k. at 444 nm; deduced that $k = 2 \times 10^{10}$ for dye bound to DNA.	753094