

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
500	Cytidine	.OH + C ₉ H ₁₃ N ₃ O ₅ →		5.6×10^9	Average of 3 values.	
			7	5.8×10^9	p.r.; P.b.k. (OH adduct); $\epsilon_{120} = 790 \text{ L mol}^{-1} \text{ cm}^{-1}$.	731071
			5.6	6.4×10^9	p.r.; P.b.k. at 350 nm.	703069
			7.2-7.4	4.6×10^9	p.r.; C.k., at pH 2-2.2 $k = 3.3 \times 10^9$; at pH 5.2-5.4 $k = 8 \times 10^9$; rel. to $k(\text{.OH} + \text{SCN}^-)$.	650388