

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
280	Adenine	•OH + A → A-OH		6.1 × 10 ⁹	Average of 2 values.	
			5.7	5.8 × 10 ⁹	p.r.; P.b.k. at 450 nm.	703069
			5-5.5	6.3 × 10 ⁹	p.r.; C.k.; at pH 7.3-7.5 $k = 5.1 \times 10^9$; rel. to $k(\bullet\text{OH} + \text{SCN}^-)$.	650388