No.	Compound name	Reaction equation	pH	Rate constant $(\text{L}\,\text{mol}^{-1}\,\text{s}^{-1})$	Comments	Reference
1200	Thymidine	$.OH + T \longrightarrow T \cdot OH$		4.6×10^9	Average of 2 values.	
			~ 7	4.7×10^9	p.r.; P.b.k. at 375 (pH $=$ 7) and 400 (pH $=$ 12.4) nm, at pH 12.4 $k = 2.1 \times 10^9$.	680312
			7.4-7.6	4.6×10^9	p.r.; C.k., at pH 2-2.2 and 5-5.2, $k = 7.7 \times 10^9$; rel. to $k(.OH + SCN^-)$.	650388