No.	Compound name	Reaction equation	pH	Rate constant $(\text{L mol}^{-1}\,\text{s}^{-1})$	Comments	Reference
544	Thymidine	$\text{H} \cdot \, + \text{T} \longrightarrow$	7-8	3.2×10^8	γ-r.; C.k. in soln. contg. 1.6×10^{-2} mol L^{-1} N_2O; rel. to $k(\text{H} \cdot \, + \text{DCO}_2)$.	683038