

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
559	4,6-Dihydroxy-5-methylpyrimidine	$\cdot\text{OH} + \text{C}_5\text{H}_8\text{N}_2\text{O}_2 \longrightarrow \text{C}_5\text{H}_8\text{N}_2\text{O}_3$	4.3	$4.2 \times 10^9$	p.r.; P.b.k. in soln. contg. 5–50 $\times 10^{-5}$ mol L <sup>-1</sup> pyrimidine.	87A026