

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1361	Purine	$\text{e}_{\text{aq}}^- + \text{C}_5\text{H}_4\text{N}_4 \longrightarrow$		1.8×10^{10}	Average of 3 values.	
			6.0	2.1×10^{10}	p.r.; D.k. at 700 nm; at pH 13.0 $k = 6.5 \times 10^9$.	751060
			7	1.0×10^{10}	p.r.; D.k.; $pK_a = 8.75$; at pH 11 $k = 8.2 \times 10^9$; $I = 0.1$.	710375
			7.2	1.7×10^{10}	p.r.; D.k. at 578 nm.	640044