

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
540	Adenosine	$\text{e}_{\text{aq}}^- + \text{A} \longrightarrow [\text{A}]'^-$		$1.1 \times 10^{10}$	Average of 2 values.	751060
			7.0	$1.2 \times 10^{10}$	p.r.; D.k. at 700 nm.	751060
			6-11	$9.2 \times 10^9$	p.r.; D.k.; $pK_a = 3.5, 12.5$ ; $I = 0.1$ .	710375