

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
611	5-Azauracil	$\text{e}_{\text{aq}}^- + \text{5-AzaU} \longrightarrow [\text{5-AzaU}]^{\cdot-}$	8.0	$2.8 \times 10^9$	p.r.; D.k. at 550 nm in Ar-satd. soln. contg. $10 \times 10^{-4}$ mol L <sup>-1</sup> substrate, 0.2 mol L <sup>-1</sup> <i>tert</i> -BuOH and $10^{-3}$ mol L <sup>-1</sup> phosphate buffer.	83A297