

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
610	6-Azathymine	$\text{e}_{\text{aq}}^- + \text{6-Aza-5-MeU} \longrightarrow [\text{6-Aza-5-MeU}]'^-$	8.0	9.5×10^9	p.r.; D.k. at 550 nm in Ar-satd. soln. contg. $1\text{-}10 \times 10^{-4}$ mol L ⁻¹ substrate, 0.2 mol L ⁻¹ tert-BuOH and 10^{-3} mol L ⁻¹ phosphate buffer.	83A297