

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
613	6-Azauridine	$e_{\text{aq}}^- + 6\text{-AzaUr} \longrightarrow [6\text{-AzaUr}]^{\cdot-}$	8.0	$7.6 \times 10^9$	p.r.; D.k. at 550 nm in Ar-satd. soln. contg. 1-10 $\times 10^{-4}$ mol L <sup>-1</sup> substrate, 0.2 mol L <sup>-1</sup> tert-BuOH and 10 <sup>-3</sup> mol L <sup>-1</sup> phosphate buffer.	83A297
614	2,2'-Azinobis(8-ethylbenzothiazoline-6-sulfonate Ion)	$e_{\text{aq}}^- + \text{ABTS} \longrightarrow$	7.0	$5.1 \times 10^9$	p.r.; D.k. at 580 nm in N <sub>2</sub> -satd. soln. contg. 0.1 mol L <sup>-1</sup> tert-BuOH.	82A196