

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1076	6-Hydroxy-5-nitrothymine	$\text{e}_{\text{aq}}^- + \text{TNO}_2(\text{OH}) \longrightarrow \text{TNO}_2(\text{OH})^-$		2×10^{10}	p.r.; C.k.; obs. formn. of $\cdot\text{SO}_4^-$ at 465 nm; $pK_a = 4.3$ for $\text{TNO}_2(\text{OH})$, pK_a for radical ion ~ 2.5 (condy. method); rel. to $k(e_{\text{aq}}^- + \text{S}_2\text{O}_8^{2-})$.	80A210