

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
682	2-Bromo-5-nitrothiazole	$\text{e}_{\text{aq}}^- + \text{C}_3\text{HBrN}_2\text{O}_2\text{S} \longrightarrow \text{C}_3\text{HBrN}_2\text{O}_2\text{S}^-$	7	2.0×10^{10}	p.r.; D.k. at 600 nm in soln. contg. 0.5 mol L ⁻¹ tert-BuOH, as well as p.b.k.	761075