

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1440	Tetranitromethane	$\text{e}_{\text{aq}}^- + \text{C}(\text{NO}_2)_4 \longrightarrow \cdot\text{NO}_2 + \text{C}(\text{NO}_2)_3^-$		5.3×10^{10}	Average of 2 values.	
			6	4.6×10^{10}	p.r.; D.k. at 578 nm as well as p.b.k. at 360 nm (nitroform anion).	650183
			7	6.0×10^{10}	p.r.; D.k. at 550 nm as well as p.b.k. at 350 nm.	640133