

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
911	Erythrosin dianion	e _{aq} ⁻ + C ₂₀ H ₈ I ₄ O ₅ ²⁻ →	8.0	> 8 × 10 ⁹	X-r.; C.k. with O ₂ ; contains Br ⁻ as OH scavenger; obs. G(-dye); assume $k(\text{e}_{\text{aq}}^- + \text{O}_2) = 1.9 \times 10^{10}$.	710295