

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
819	2,4-Diaminoazobenzene	$e_{aq}^- + C_6H_5N=NC_6H_3(NH_2)_2 \longrightarrow$	7	7.3×10^9	γ -r.; C.k. in soln. contg. EtOH; obs. $G(-dye)$ in aerated soln.; $pK_a = 5.3$; reference rate not given; rel. to $k(e_{aq}^- + O_2)$.	81A312