

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1176	4-Methylbenzenediazonium Ion	$\text{e}_{\text{aq}}^- + \text{p-Cl}_3\text{C}_6\text{H}_4\text{N}_2^+ \longrightarrow \text{4-CH}_3\text{C}_6\text{H}_4\text{N}_2^{\cdot}$		5.7×10^{10}	p.r.; D.k. at 600 nm in N ₂ -purged soln. contg. tert-BuOH; counterion tetrafluoroborate.	81A297
				2.5×10^{10}	p.r.; D.k. at 700 nm in 50:50 (v:v) H ₂ O-tert-BuOH; counterion tetrafluoroborate.	80A200