

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
623	Benzenediazonium Ion	$\text{e}_{\text{aq}}^- + \text{C}_6\text{H}_5\text{N}_2^+ \longrightarrow \text{C}_6\text{H}_5\text{N}_2\cdot$		2.8×10^{10}	p.r.; D.k. at 700 nm in 50:50 (v:v) H ₂ O-tert-BuOH; counterion tetrafluoroborate.	80A200