

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)
857	4-(Dimethylamino)benzenediazonium ion	$\text{C}_6\text{H}_5\text{N}_2^+ + 4\text{-(CH}_3)_2\text{NC}_6\text{H}_4\text{N}_2^+ \longrightarrow$ $4\text{-(CH}_3)_2\text{NC}_6\text{H}_4\text{N}_2$	<p>4.0 × 10¹⁰</p> <p>2.3 × 10¹⁰</p>	<p>p.r.; D.k. at 600 nm in N₂-purged soln. contg. tert-BuOH; counterion tetrafluoroborate.</p> <p>p.r.; D.k. at 700 nm in 50:50 (v/v) H₂O-tert-BuOH; counterion tetrafluoroborate.</p>