

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
129	p-Toluidine	$\text{O}^{\cdot-} + \text{CH}_3\text{C}_6\text{H}_4\text{NH}_2 \longrightarrow \text{OH}^- +$ $4\text{-NH}_2\text{C}_6\text{H}_4\text{CH}_2 + 4\text{-CH}_3\text{C}_6\text{H}_4\text{NH}$	14	3.0×10^9	p.r.; P.b.k.; cor. for $\cdot\text{OH}$; $k_{oh,br} = 3.1 \times 10^9$. assumed ratio of H abstr. from methyl and amino = 1.	751002