

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
765	Hexamethylbenzene	$\cdot\text{OH} + \text{C}_6(\text{CH}_3)_6 \longrightarrow$	~ 7	7.2×10^9	p.r.; P.b.k. at 333 nm in unbuffered soln.; <50% OH abstr.; OH addn. (followed by loss of H ₂ O), as well as H abstr. \rightarrow benzyl radical.	751009