

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
120	1,2,3,5-Tetramethylbenzene	$\text{O}^{\cdot-} + \text{C}_6\text{H}_2(\text{CH}_3)_4 \longrightarrow \text{OH}^- + \text{C}_6\text{H}_2(\text{CH}_3)_3(\text{CH}_2)$	13	2.6×10^9	p.r.; P.b.k. at 267 nm in N ₂ O-satd. soln. contg. 0.5 mol L ⁻¹ NaOH.	751009