

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
528	1,2,3,4-Tetramethylbenzene	$\text{H} \cdot + \text{C}_6\text{H}_3(\text{CH}_3)_4 \longrightarrow \text{C}_6\text{H}_3(\text{CH}_3)_4$	1	2.8×10^9	p.r.; P.b.k. in soln. cont. 0.1–0.5 mol L ⁻¹ tert-BuOH and HClO ₄ .	751009