

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1238	1,2,4-Trimethylbenzene	$\cdot\text{OH} + \text{C}_6\text{H}_3(\text{CH}_3)_3 \longrightarrow \text{HOC}_6\text{H}_3(\text{CH}_3)_3$	~ 7	6.2×10^9	p.r.; P.b.k. at 328 nm in unbuffered soln.; 18.5% H abstr.	751009