

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
254	Acetophenone	$\cdot\text{OH} + \text{C}_6\text{H}_5\text{COCH}_3 \longrightarrow \text{HOC}_6\text{H}_5\text{COCH}_3$		5.9×10^9	Average of 3 values.	710578
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