

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
501	Acetophenone	$\text{e}_{\text{aq}}^- + \text{C}_6\text{H}_5\text{COCH}_3 \longrightarrow \text{C}_6\text{H}_5\text{CO}^-\text{CH}_3$		2.4×10^{10}	Average of 2 values.	