

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
275	Acrolein	$\cdot\text{OH} + \text{H}_2\text{C}=\text{CHCHO} \longrightarrow \text{HOCH}_2\text{CHCHO}$		7.0×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	700165