

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1150	Styrene	$\begin{array}{l} \cdot\text{OH} + \text{C}_6\text{H}_5\text{CH}=\text{CH}_2 \longrightarrow \\ \text{C}_6\text{H}_5\text{CHCH}_2\text{OH} + \text{HOC}_6\text{H}_5\text{CH}=\text{CH}_2 \end{array}$	5.5	6.0×10^9	P.r.; P.b.k. at 320 nm (66% C ₆ H ₅ $\dot{\text{C}}\text{HCH}_2\text{OH}$; also p.b.k. at 345 nm (33% ring addn.).	741138