

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
621	1,8-Dioxolane	$\bullet\text{OH} + {}^-\text{.OCH}_2\text{O}(\text{CH}_2)_2 \longrightarrow \text{H}_2\text{O} + {}^-\text{.OCHO}(\text{CH}_2)_2$		4.0×10^9	p.r.; rel. to $k(\bullet\text{OH} + \text{SCN}^-)$.	80A441