

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments
537	Diethyl ether	$\cdot\text{OH} + (\text{C}_2\text{H}_5)_2\text{O} \longrightarrow \text{H}_2\text{O} +$ $\text{CH}_3\text{CH}_2\text{OCH}_2\text{CH}_2$		3.6×10^9	Average of 2 values.
			2.9×10^9	p.r.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	80A441
		7	4.2×10^9	p.r.; C.k.; obs. I_2^- formn. at 400 nm; rel. to $k(\cdot\text{OH} + \text{I}^-)$.	650010