

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
98	2-Methyl-2-propanol	$\text{O}^{\bullet-} + (\text{CH}_3)_3\text{COH} \longrightarrow$	13	5×10^8	p.r.; C.k.; obs. O_3^- formn. at 430 nm in soln. contg. 0.1 mol L ⁻¹ KOH and 1.2×10^{-3} mol L ⁻¹ O ₂ ; rel. to k(O ^{•-} + O ₂).	771084
14	3.2\{\}times10^{\{8\}}	p.r.; C.k.; rel. to k(O ^{•-} + 3-HX).	751003			