

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
53	4,4'-Biphenyldicarboxylate Ion	$\text{O}^{\cdot -} + ^-\text{O}_2\text{CC}_6\text{H}_4\text{C}_6\text{H}_4\text{O}_2^- \longrightarrow ^-\text{O}_2\text{CC}_6\text{H}_4\text{C}_6\text{H}_4(\text{OH})\text{CO}_2^-$	14	2.8×10^7	p.r.; P.b.k. at 330 nm; cor. for $\cdot\text{OH}$.	730110