

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
635	Benzophenone	$\text{e}_{\text{aq}}^- + (\text{C}_6\text{H}_5)_2\text{CO} \longrightarrow (\text{C}_6\text{H}_5)_2\dot{\text{C}}\text{O}^-$	6-10	1.0×10^{10} ~ 9.2	p.r.; D.k. at 600 and 720 nm. 2.8×10^{10}	751125 p.r.; D.k. at 70