

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
633	Benzoin	$\text{e}_{\text{aq}}^- + \text{C}_6\text{H}_5\text{CH}(\text{OH})\text{COC}_6\text{H}_5 \longrightarrow \text{C}_6\text{H}_5\text{CHOHCO}^-\text{C}_6\text{H}_5$	~ 9.2	1.7×10^{10}	p.r.; D.k. at 700 nm in soln. contg. 0.1 mol L ⁻¹ tert-BuOH.	720171