

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
505	2-(N-Acetylamino)acetophenone	$\text{e}_{\text{aq}}^- + \text{CH}_3\text{CONHC}_6\text{H}_4\text{COCH}_3 \longrightarrow$	7.6	2.9×10^{10}	p.r.; D.k. at 700 nm in soln. contg. 10^{-3} mol L ⁻¹ phosphate buffer and 0.1 mol L ⁻¹ <i>tert</i> -BuOH.	771099