

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
518	2-(N-Acetyl-N-methylamino)acetophenone	$\text{e}_{\text{aq}}^- + \text{CH}_3\text{CON}(\text{CH}_3)\text{C}_6\text{H}_4\text{COCH}_3$	7.6	2.0×10^{10}	p.r.; D.k. at 700 nm in Ar-satd. soln. contg. 0.1 mol L ⁻¹ tert-BuOH and 10 ⁻³ mol L ⁻¹ phosphate buffer.	771099