

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1253	p-Nitroacetophenone	$\text{e}_{\text{aq}}^- + \text{PNAP} \longrightarrow \text{PNAP}^{\cdot-}$		4.3×10^{10}	Average of 2 values.	
			6.8	4.1×10^{10}	p.r.; D.k. at 578 nm as well as p.b.k. at 350 nm in soln. contg. 0.4 mol L ⁻¹ <i>tert</i> -BuOH.	761017
			~ 7	4.5×10^{10}	p.r.; D.k. in soln. contg. <i>tert</i> -BuOH.	751207