

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1337	-Phenylpropionate Ion	$\text{e}_{\text{aq}}^- + \text{C}_6\text{H}_5\text{CH}_2\text{CH}_2\text{CO}_2^- \longrightarrow$		1.3×10^7	Average of 2 values.	
			9-11.5	1.4×10^7	p.r.; D.k. at 720 nm in Ar-satd. soln. contg. 0.1 mol L ⁻¹ tert-BuOH and 10 ⁻⁴ -10 ⁻² mol L ⁻¹ carboxylate ion.	85A158
			12.1	1.1×10^7	p.r.; D.k.	650018