No.	Compound name	Reaction equation	pH	Rate constant $(\mathrm{L\,mol^{-1}\,s^{-1}})$	Comments	Reference
1319	Phenylacetate ion	$\mathrm{e_{aq}^- + C_6H_5CH_2CO_2^-} \longrightarrow$		1.8×10^7	Average of 2 values.	
			9-11.5	1.6×10^7	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} phenylacetate.	85A158
			9.0	2.0×10^7	p.r.; D.k. at 700 nm in soln. contg. tert-BuOH; $pK_a = 4.3$.	741083