No.	Compound name	Reaction equation	pH	Rate constant $(\mathrm{L\,mol^{-1}\,s^{-1}})$	Comments	Reference
621	Benzamide	e_{aq}^{-} + $C_6H_5CONH_2$ $\longrightarrow$ $C_6H_5CO^{-}NH_2$		1.8×10^{10}	Average of 3 values.	
			5.7	1.9×10^{10}	p.r.; D.k.; k also detd. at 6.4 kbar (6.4×10^8 N/m^2).	720102
			~9.2	1.9×10^{10}	p.r.; D.k. at 700 nm in soln. contg. 0.1 mol L^{-1} tert-BuOH.	720171
			~11	1.7×10^{10}	p.r.; D.k.	640138