

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
686	2-Bromophenoxide Ion	$\text{e}_{\text{aq}}^- + 2\text{-BrC}_6\text{H}_4\text{O}^- \longrightarrow \text{Br}^- + \bullet\text{C}_6\text{H}_4\text{O}^-$		2.1×10^9	Average of 2 values.	
			11.5	2.3×10^9	p.r.; D.k. at 470 nm (as well as p.b.k. at 400 nm) in N ₂ -purged soln. contg. 4×10^{-4} mol L ⁻¹ 2-bromophenol and 0.2 mol L ⁻¹ <i>tert</i> -BuOH.	761068
			~ 11	1.9×10^9	p.r.; D.k.	640138