

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1140	Salicylate Ion	$\cdot\text{OH} + 2\text{-HOC}_6\text{H}_4\text{CO}_2^- \longrightarrow (\text{HO})_2\text{C}_6\text{H}_4\text{CO}_2^-$		1.6×10^{10}	Average of 2 values.	
			7	1.2×10^{10}	p.r.; P.b.k. at 350 nm; $pK_a = 2.8, 12.9$.	680305
			7	2.0×10^{10}	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	680305