

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
335	Ascorbate Ion	$\cdot\text{OH} + \text{AH}^- \longrightarrow \text{H}_2\text{O} + \cdot\text{A}^-$	11.0	4.1×10^9	p.r.; P.b.k.; $pK_a = 4.1, 11.8$	771036
			7		1.1×10^{10}	p.r.; P.b.k. at 3
			7-8		6.5×10^9	p.r.; C.k.; obs.
			7		1.3×10^{10}	p.r.; C.k.; rel. t