

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
716	Glycolic acid	$\cdot\text{OH} + \text{HOCH}_2\text{CO}_2\text{H} \longrightarrow \cdot\text{CHOHCO}_2\text{H} + \text{H}_2\text{O}$		6.0×10^8	Average of 2 values.	
				$2 - 2.2 \times 10^8$	γ -r.; C.k.; $pK_a = 3.83$; rel. to $k(\cdot\text{OH} + 5\text{-MeU})$.	670461
				1×10^8	Fenton; C.k.; rel. to $k(\cdot\text{OH} + \text{Fc}^{2+})$.	490002