

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
859	Malic acid	$\cdot\text{OH} + \text{HO}_2\text{CCH}_2\text{CH}(\text{OH})\text{CO}_2\text{H} \longrightarrow$ $\text{HO}_2\text{CCOHCH}_2\text{CO}_2\text{H} + \text{H}_2\text{O}$		7.9×10^8	Average of 2 values.	
			1.5-14	8.2×10^8	p.r.; P.b.k. at 235-330 nm ; k identical for d and l forms and independent of wavelength and pH; $pK_a = 3.44; 5.11$.	85A487
			2-2.2	6.4×10^8	γ -r.; C.k.; $pK_a = 3.2, 5$; rel. to $k(\cdot\text{OH} + 5\text{-MeU})$.	670461