

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
3-4	Succinic acid			8.6×10^7	-r.; C.k.; ratio of formn. of H· (and HO ₂ CH ₂ CH ₂ CO ₂ ⁻) to OH ⁻ (and HO ₂ CCH ₂ CH ₂ CO ⁻) 0.1; rel. to $k(\text{e}_{\text{aq}}^- + \text{H}^+) =$ 1.6×10^{10} ; $I = 0.05$.	720057