

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
604	Aspartate monoanion	e _{aq} ⁻ + Asp ⁻ →	7	1.8 × 10 ⁷	γ-r.; C.k.; $pK_a = 2.10, 3.86, \sim 9.5$; calcd. from values obs. at pH 3.0 and 7.0; $k_{\text{obs}} = 2.0 \times 10^7$ at pH 7.0; rel. to $k(\text{e}_{\text{aq}}^- + \text{BrPhOH})$.	720027