No.	Compound name	Reaction equation	pH	Rate constant $(\mathrm{L\,mol^{-1}\,s^{-1}})$	Comments	Reference
606	Aspartic acid, conjugate acid	$e_{aq}^- + AspH^+ \longrightarrow$		6×10^9	γ-r.; C.k.; $pK_a = 2.10, 3.86, \sim 9.5$; calcd. from values obs. at pH 3.0 and 7.0; $k_{obs} = 1.2 \times 10^9$ at pH 3.0; rel. to $k(e_{aq}^- + \mathrm{BrPhOH})$.	720027