No.	Compound name	Reaction equation	pH	Rate constant $(\text{L mol}^{-1}\,\text{s}^{-1})$	Comments	Reference
324	Dioxoneptunium(V) Ion	$e_{aq}^- + NpO_2^+ \longrightarrow NpO_2$	3	2.4×10^{10}	p.r.; D.k. in soln. contg. 0.01 mol L^{-1} EtOH and $(0.2\text{-}1.0) \times 10^{-3}$ mol L^{-1} NpO_2ClO_4; $pK(NpO_2^+) = 4.5, 8.75$; rel. to $k(e_{aq}^- + H^+)$; k cor. for I.	80A130
			5.3	2.0×10^{10}	p.r.; D.k.; $(0.21\text{-}2.1) \times 10^{-4}$ mol L^{-1} Np(V), counterion ClO_4^-; at pH 5.8 and 6.1 $k = 5.4 \times 10^{10}$ and 2.1×10^{10}; $I = 10^{-3}$.	761084