

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
326	Dioxoneptunium(VI) Ion	e <sub>aq</sub> <sup>-</sup> + NpO <sub>2</sub> <sup>2+</sup> → NpO <sub>2</sub> <sup>+</sup>	2.5	1.0 × 10 <sup>11</sup>	p.r.; Extrapolated from d.k. (condy.) in soln. contg. 1, 2, and 4 × 10 <sup>-3</sup> mol L <sup>-1</sup> solute and 0.05 mol L <sup>-1</sup> <i>tert</i> -BuOH; counterion ClO <sub>4</sub> <sup>-</sup> .	83A071