

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
461	Tricarbonatodioxouranate(VI) Ion	$e_{aq}^- + UO_2(CO_3)_3^{4-} \longrightarrow UO_2(CO_3)_3^{5-}$	11.4	$1.3 \times 10^{10}$	p.r.; D.k. in soln. contg. 0.1 mol L <sup>-1</sup> tert-BuOH and 0.01 mol L <sup>-1</sup> carbonate and 0.4-7 × 10 <sup>-4</sup> mol L <sup>-1</sup> U(VI).	81A148