

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
451	Hydroxytitanium(III) Ion	$\text{e}_{\text{aq}}^- + \text{TiOH}^{2+} \longrightarrow \text{TiOH}^+$	2.5	1.2×10^{10}	γ -r.; C.k.; obs. G(H ₂) in Ar-satd. soln. contg. 0.2 mol L ⁻¹ Na ₂ SO ₄ and EtOH; pK 1.29; rel. to $k(\text{e}_{\text{aq}}^- + \text{H}^+)$; $I = 0.84$.	79A341