

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
454	Diethylthallium Ion	$e_{aq}^- + Tl(C_2H_5)_2 \longrightarrow Tl^+$		3.1×10^{10}	γ -r.; C.k. in air-free soln. contg. 10^{-2} mol L ⁻¹ diethylthallium sulfate, 3×10^{-2} mol L ⁻¹ KNO ₃ , 0.1–0.5 mol L ⁻¹ MeOH; obs. G(NO ₂ ⁻); rel. to $k(e_{aq}^- + NO_3^-)$	660829