No.	Compound name	Reaction equation	pH	Rate constant $(\mathrm{L\,mol^{-1}\,s^{-1}})$	Comments	Reference
140	Coenzyme B_{12}	$e_{aq}^- + C_{72}H_{100}CoN_{18}O_{17}P \longrightarrow B_{12}r$	6	3.2×10^{10}	p.r.; D.k. at 650 nm in deoxygenated soln. contg. 0.1 mol L^{-1} $tert$-BuOH; p.b.k. at 310 nm gave $k = 3 \times 10^{10}$, and in 0.05 mol L^{-1} glycol soln. $k = 3.4 \times 10^{10}$.	751169