

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|------|-----------------|--|-----|---|--|-----------|
| 1447 | Thiamine cation | $\text{e}_{\text{aq}}^- + \text{Thm}^+ \longrightarrow \text{Thm}^\cdot$ | 6.1 | 3.4×10^{10} | p.r.; D.k. at 700 nm in soln. contg. $\sim 0.5 \text{ mol L}^{-1}$ tert-BuOH; $pK_a = 4.8$. | 771034 |