

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|-------------------------------|---|-----|---|---|-----------|
| 859 | 2,5-Dimethyl-1,4-benzoquinone | $\text{e}_{\text{aq}}^- + 2,5-(\text{CH}_3)_2\text{Q} \longrightarrow [2,5-(\text{CH}_3)_2\text{Q}]'^-$ | 7.2 | 3.1×10^{10} | p.r.; P.b.k. at 430 nm in air-satd. soln. contg. 0.1 mol L ⁻¹ <i>tert</i> -BuOH. | 761003 |