

| No. | Compound name                   | Reaction equation  | pH  | Rate constant<br>(L mol <sup>-1</sup> s <sup>-1</sup> ) | Comments   | Reference |
|-----|---------------------------------|--|-----|---|--|-----------|
| 876 | N,N-Dimethyl-p-phenylenediamine | $\text{e}_{\text{aq}}^- + (\text{CH}_3)_2\text{NC}_6\text{H}_4\text{NH}_2 \longrightarrow$ | 9.0 | $1.6 \times 10^8$                                       | p.r.; D.k. at 700 nm in soln. contg. ~0.5 mol L <sup>-1</sup> tert-BuOH. | 751057    |