| No. | Compound name            | Reaction equation                                         | рН  | Rate constant $(L  \text{mol}^{-1}  \text{s}^{-1})$ | Comments              | Reference |
|-----|--------------------------|-----------------------------------------------------------|-----|-----------------------------------------------------|-----------------------|-----------|
| 582 | 6-Aminopenicillanic acid | ${\rm e_{aq}}^- + {\rm C_8H_{12}N_2O_3S} \longrightarrow$ | 0.0 | $3.0\times10^{9}$                                   | p.r.; D.k. at 700 nm. | 731142    |