| No. Compound name            | Reaction equation   | рН   | Rate constant $(L  \text{mol}^{-1}  \text{s}^{-1})$ | Comments                               | Reference |
|------------------------------|---|------|---|--|-----------|
| 564 2,3-Dihydroxy-2-propenal | $.\operatorname{OH} + \operatorname{TRH}_2 \longrightarrow \operatorname{TRH}_2(\operatorname{OH}) \cdot$ | 3.01 | $0.9 \times 10^9$                                   | p.r.; C.k.; rel. to $k(.OH + SCN^{-})$ | 86A151    |