| No. | Compound name | Reaction equation | рН | Rate constant $(L \operatorname{mol}^{-1} \operatorname{s}^{-1})$ | Comments | Reference |
|------|---------------|---|-----|---|--|-----------|
| 1098 | Propylene | $. \mathrm{OH} + \mathrm{CH}_2 \mathrm{=} \mathrm{CH}_2 \longrightarrow$ | 7.0 | $\times 10^9$ | p.r.; C.k.; rel. to $k(.OH + I^{-})$. | 670041 |