| No. | Compound name | Reaction equation | рН | Rate constant $(L \operatorname{mol}^{-1} \operatorname{s}^{-1})$ | Comments | Reference |
|-----|------------------------|-------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------|------------------------------------------|-----------|
| 608 | N,N-Dimethylpivalamide | $. \mathrm{OH} + (\mathrm{CH_3})_3 \mathrm{CCON}(\mathrm{CH_3})_2 \longrightarrow$ | 5-6 | 3.9×10^9 | p.r.; C.k.; rel. to $k(.OH + SCN^{-})$. | 710414 |