

| No. | Compound name        | Reaction equation  | pH  | Rate constant<br>(L mol <sup>-1</sup> s <sup>-1</sup> ) | Comments  | Reference |
|-----|----------------------|--|-----|---|---|-----------|
| 361 | p-Fluorobenzonitrile | $\text{H} \cdot + \text{FC}_6\text{H}_4\text{CN} \longrightarrow 4\text{-FC}_6\text{H}_5\text{CN}$ | 1.8 | $6.7 \times 10^8$                                       | p.r.; P.b.k. in soln. contg. 0.2 mol L <sup>-1</sup> <i>tert</i> -BuOH. | 761194    |