

| No.  | Compound name      | Reaction equation   | pH    | Rate constant<br>(L mol <sup>-1</sup> s <sup>-1</sup> ) | Comments  | Reference |
|------|--------------------|---|-------|---|---|-----------|
| 1309 | Pentafluorobenzene | $\text{e}_{\text{aq}}^- + \text{C}_6\text{HF}_5 \longrightarrow \text{F}^- + \text{C}_6\text{HF}_4$ | ~ 6.5 | $1.6 \times 10^{10}$                                    | p.r.; D.k. in soln. contg. 0.5 mol L <sup>-1</sup> <i>tert</i> -BuOH. | 730054    |