| No. | Compound name | Reaction equation | рН | Rate constant $(L \operatorname{mol}^{-1} \operatorname{s}^{-1})$ | Comments | Reference |
|-----|---------------|---|------------|---|---|-----------|
| 246 | Bromobenzene | $H^{\cdot} + C_6H_5Br \longrightarrow C_6H_6Br$ | ~ 1 1 | 3×10^9 | p.r.; P.b.k. at 300 nm; cor. for decay of H adduct. | 79A356 |