

| No. | Compound name | Reaction equation  | pH  | Rate constant<br>(L mol <sup>-1</sup> s <sup>-1</sup> ) | Comments  | Reference |
|-----|---------------|--|-----|---|---|-----------|
| 609 | 6-Azacytosine | $\text{e}_{\text{aq}}^- + \text{6-AzaCy} \longrightarrow [\text{6-AzaCy}]^-$ | 8.0 | $5.7 \times 10^9$                                       | p.r.; D.k. at 550 nm in Ar-satd. soln. contg. 1-10 $\times 10^{-4}$ mol L <sup>-1</sup> substrate, 0.2 mol L <sup>-1</sup> tert-BuOH and 10 <sup>-3</sup> mol L <sup>-1</sup> phosphate buffer. | 83A297    |