

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|------------------------------------|--|----------|---|--|------------------|
| 617 | 1,1'-Azobis(N,N-dimethylformamide) | $\text{e}_{\text{aq}}^- + (\text{CH}_3)_2\text{NCON}=\text{NCON}(\text{CH}_3)_2 \longrightarrow [\text{NCON}(\text{CH}_3)_2]_2^{2-}$ | | 2.8×10^{10} | Average of 3 values. | |
| | | | ~ 7 | 2.8×10^{10} | p.r.; D.k. at 650 nm in soln. contg. 0.1 mol L ⁻¹ tert-BuOH; <i>k</i> decreased on addn. of serum albumin, little effect with DNA, carbohydrates or lipids. | 76A256 |
| | | | 8.0 | | 2.8×10^{10} | p.r.; D.k. at 62 |
| | | | 7.1 | | 2.9×10^{10} | p.r.; D.k. at 67 |