

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|------|-----------------------|-----------------------------------------------------------|----|---------------------------------------------------------|----------------------------------------------------|-----------|
| 1461 | Thymine, negative ion | $\text{e}_{\text{aq}}^- + 5\text{-MeU}^- \longrightarrow$ | | 3.5×10^9 | Average of 2 values. | |
| | | | 12 | 3.0×10^9 | f.p.; D.k. (phot. of OH ⁻). | 727036 |
| | | | 11 | 4.1×10^9 | p.r.; Soln. H ₂ -satd.; d.k. at 690 nm. | 650494 |