

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
758	5-Chlorouracil	$\text{e}_{\text{aq}}^- + 5\text{-ClU}^- \longrightarrow 5\text{-ClU}^{--}$		$1.8 \times 10^{10}$	Average of 2 values.	751111
			$\sim 5$	$2.2 \times 10^{10}$	p.r.	720049
			7	$1.5 \times 10^{10}$	p.r.; D.k. at 600 nm in soln. contg. <i>tert</i> -BuOH and Na <sub>2</sub> SO <sub>4</sub> ; at pH 9 and 11 $k = 6.3 \times 10^9$ and $5.5 \times 10^9$ , resp.; $pK = 7.95$ ; $I = 0.05$ .	