

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1135	Ribose	$\cdot\text{OH} + \text{C}_6\text{H}_{10}\text{O}_5 \longrightarrow \text{R} + \text{H}_2\text{O}$		$1.5 \times 10^9$	Average of 5 values.	
			8.4	$2.1 \times 10^9$	p.r.; No details; N2O-satd. soln. contg. $5 \times 10^{-3}$ mol L <sup>-1</sup> borate buffer.	82A193
			7	$1.6 \times 10^9$	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$ .	79A366
			7	$1.6 \times 10^9$	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$ .	731071
				$1.2 \times 10^9$	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$ .	731077
				$1.1 \times 10^9$	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{Fe}(\text{CN}_6)^{4-})$ .	731077