

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
689	Glucose	.OH + glucose $\longrightarrow$ H <sub>2</sub> O + R		$1.5 \times 10^9$	Average of 4 values.	
			8.4	$1.0 \times 10^9$	p.r.; No details; N <sub>2</sub> O-satd. soln. contg. $5 \times 10^{-3}$ mol L <sup>-1</sup> borate buffer.	82A193
				$1.7 \times 10^9$	p.r.; C.k.; rel. to k(.OH + SCN <sup>-</sup> ).	79A298
			6.5	$2.3 \times 10^9$	p.r.; C.k.; rel. to k(.OH + SCN <sup>-</sup> ).	78A146
				$1.1 \times 10^9$	p.r.; C.k.; obs. G(-glucose); G reduced from 1.5 to 0.2 on addn. of equimolar KI to $5 \times 10^{-4}$ mol L <sup>-1</sup> D-glucose soln. satd. with N <sub>2</sub> O; rel. to k(.OH + I <sup>-</sup> ).	650391