

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
691	Glucose-6-phosphate	$\bullet\text{OH} + \text{C}_6\text{H}_{13}\text{O}_9\text{P}^- \longrightarrow \text{H abstr} \cdot$	6.5	$1.4 \times 10^9$	p.r.; C.k.; rel. to $k(\bullet\text{OH} + \text{SCN}^-)$ .	78A146