

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
520	Sucrose	$\text{H} \cdot + \text{C}_{12}\text{H}_{22}\text{O}_{11} \longrightarrow \text{H}_2 + \text{C}_{12}\text{H}_{21}\text{O}_{12}$	1.0	$1.5 \times 10^7$	X.r.; C.k.; rel. to k(H· + HCO <sub>2</sub> H).	560012