

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
253	3-Bromopropionate ion	$\text{H}^\bullet + \text{BrCH}_2\text{CH}_2\text{CO}_2^- \longrightarrow \text{HBr} + \cdot\text{CH}_2\text{CH}_2\text{CO}_2^-$	8.5	2.8×10^8	γ r.; C.k.; rel. to $k(\text{H}^\bullet + 2\text{-PrOH})$.	670050