

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
437	3-Methylbutyrate Ion	$\text{H} \cdot + \text{CH}_3\text{CH}(\text{CH}_3)\text{CH}_2\text{CO}_2^- \longrightarrow \text{H}_2$		2.5×10^7	γ -r.; C.k.; rel. to $k(\text{H} \cdot + (\text{CH}_3)_2\text{CDOH})$.	660422