

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
553	Trimethylacetate Ion	$\text{H}^\cdot + (\text{CH}_3)_3\text{CCO}_2^- \longrightarrow \text{H}_2 + \cdot\text{CH}_2\text{C}(\text{CH}_3)_2\text{CO}_2^-$		1.9×10^6	γ -r.; C.k.; rel. to $k(\text{H}^\cdot + (\text{CH}_3)_2\text{CDOH})$.	660422