

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
590	8,8-Dimethylbutyrate Ion	$\bullet\text{OH} + (\text{CH}_3)_3\text{CCH}_2\text{CO}_2^- \longrightarrow$	9	$1.7 \times 10^9$	$\gamma$ -r.; C.k. with RNO; rel. to $k(\bullet\text{OH} + \text{EtOH})$ .	660423