

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
278	2-Chloroethanol	$\text{H}\cdot + \text{ClCH}_2\text{CH}_2\text{OH} \longrightarrow \cdot\text{CH}_2\text{CH}_2\text{OH} + \text{HCl}$		$2.2 \times 10^6$	$\gamma$ -r.; C.k.; rel. to $k(\text{H}\cdot + 2\text{-PrOH})$ .	670050