

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
261	N-Acetylglycine, negative ion	$\bullet\text{OH} + \text{CH}_3\text{CONHCH}_2\text{CO}_2^- \longrightarrow \text{CH}_3\text{CONHCHCO}_2^- + \text{H}_2\text{O}$		$4.0 \times 10^8$	Average of 2 values.	
			6.6	$3.8 \times 10^8$	p-r.; C.k. in air-satd. soln.; product identified [78D088]; rel. to $k(\bullet\text{OH} + \text{RNO})$ .	780148
			8.7	$4.2 \times 10^8$	p-r.; C.k.; rel. to $k(\bullet\text{OH} + \text{SCN}^-)$	700099