

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
968	Methyl thioglycolate	$\cdot\text{OH} + \text{HSCH}_2\text{CO}_2\text{CH}_3 \longrightarrow \cdot\text{SCH}_2\text{CO}_2\text{CH}_3 + \text{H}_2\text{O}$	5.1	2.1×10^{10}	p.r.; C.k.; $pK = 7.8$; at pH 10.6 $k = 1.8 \times 10^{10}$; rel. to k($\cdot\text{OH} + \text{SCN}^-$).	730090