

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
803	Cystine	$\text{e}_{\text{aq}}^- + \text{S}_2[\text{CH}_2\text{CH}(\text{NH}_3^+)\text{CO}_2^-]_2 \longrightarrow [\text{CysSSCys}]^-$		1.6×10^{10}	Average of 2 values.	
			5.6	1.6×10^{10}	p.r.; D.k.; $pK_a = 1.90, 7.85, 9.85, 11.80, 12.40(?)$.	720187
			6.2	1.5×10^{10}	p.r.; D.k. at 700 nm in soln. contg. $\sim 0.1 \text{ mol L}^{-1}$ tert-BuOH.	720388