

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
804	Cystine, dianion	$\text{e}_{\text{aq}}^- + \text{S}_2[\text{CH}_2\text{CH}(\text{NH}_2)\text{CO}_2^-]_2 \longrightarrow$		4.2×10^9	Average of 2 values.	
			12.1	5.0×10^9	p.r.; D.k. at 700 nm in soln. contg. ~0.1 mol I^- tert-BuOH.	720388
			12.0	3.4×10^9	p.r.; D.k. at 578 nm; l-isomer.	640044