

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
801	Cysteine, negative ion	$\text{e}_{\text{aq}}^- + \text{Cys}^- \longrightarrow \cdot$ $\text{CH}_2\text{CH}(\text{NH}_2)\text{CO}_2^- + \text{HS}^- + \text{OH}^-$	12.5	$2.0 \times 10^8$	p.r.; D.k. at 700 nm in soln. contg. ~0.1 mol L <sup>-1</sup> tert-BuOH.	730090