

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1183	L-Methylcysteine	$\text{e}_{\text{aq}}^- + \text{CH}_3\text{SCH}_2\text{CH}(\text{NH}_3^+)\text{CO}_2^- \longrightarrow$	5.4	7.2×10^8	p.r.; D.k. at 700 nm in soln. contg. $\sim 0.1 \text{ mol L}^{-1}$ tert-BuOH; $pK_a = 2, 8.8$.	730090