

No.	Compound name		Reaction equation		pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
508	N-Acetylcysteamine, ion	negative	$\text{e}_{\text{aq}}^- + \text{CH}_3\text{CONHCH}_2\text{CH}_2\text{S}^- \longrightarrow$ $\text{CH}_3\text{CONHCH}_2\text{CH}_2\text{NHCOCH}_3 +$ $\text{HS}^- + \text{OH}^-$		12.6	1.9×10^9	p.r.; D.k. at 700 nm in soln. contg. <i>tert</i> -BuOH.	730090