

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
817	Diacetamide	$\text{e}_{\text{aq}}^- + (\text{CH}_3\text{CO})_2\text{NH} \longrightarrow$ $[(\text{CH}_3\text{CO})_2\text{NH}]^{\bullet-}$	6.5	$1.1 \times 10^{10}$	p.r.; D.k. at 700 nm in soln. contg. $\sim 0.1\text{-}1 \text{ mol L}^{-1}$ <i>tert</i> -BuOH.	730091