

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1144	2-Mercaptopropionic acid	$\text{e}_{\text{aq}}^- + \text{CH}_3\text{CH}(\text{SH})\text{CO}_2\text{H} \longrightarrow \text{CH}_3\text{CHCO}_2\text{H} + \text{HS}^-$	1.6-3.0	$\sim 3.5 \times 10^9$	γ -r.; C.k.; k increases with pH; rel. to $k(\text{e}_{\text{aq}}^- + \text{H}^+)$.	730286