

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
208	4-Carboxybutylferrocenium	$e_{\text{aq}}^- + \text{Fc}^+(\text{CH}_2)_4\text{CO}_2^- \longrightarrow \text{Fc}(\text{CH}_2)_4\text{CO}_2$	9	3.2×10^{10}	p.r.; D.k. at 628 nm; ferricenium ion produced by γ -r. in soln. contg. 0.01 mol L ⁻¹ borax, 0.02 mol L ⁻¹ KBr and the substituted ferrocene, satd. with N ₂ O; reaction with the substituted ferrocene $\leq 5 \times 10^8$.	86A040