

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
664	1,1'-Bis(carboxyethyl)-4,4'- bipyridinium Ion	$\text{e}_{\text{aq}}^- + \text{CQ}^{2+} \longrightarrow \text{CQ}^{\cdot+}$		2.4×10^{10}	p.r.; D.k.; counterion Cl ⁻ .	761169