

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
149	Tris(5-phenyl-1,10-phenanthroline)chromium(III)	$\text{e}_{\text{aq}}^- + \text{Cr}(\text{5-Phphen})_3^{3+} \longrightarrow \text{Cr}(\text{5-Phphen})_3^{2+}$	~1	$\sim 5 \times 10^{10}$	p.r.; D.k. in 1 mol L ⁻¹ HCl.	81A060