

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
407	Pentammine(hydroxy)ruthenium(III) Ion	$\text{[Ru(NH}_3\text{)}_5\text{OH]}^+ + \text{[Fe(NH}_3\text{)}_6\text{]}^{3+} \longrightarrow$	6	5.9×10^{10}	p.r.; D.k.; $pK = 4.2$.	730107