No.	Compound name	Reaction equation	pH	Rate constant $(\mathrm{L\,mol^{-1}\,s^{-1}})$	Comments	Reference
227	Thulium(II) ion	$\cdot\,\mathrm{OH} + \mathrm{Tm^{2+}} \longrightarrow \mathrm{OH^-} + \mathrm{Tm^{3+}}$	3-6	7×10^9	p.r.; D.k. of Tm(II) formed in (5-8) $\times 10^{-2}$ mol $\mathrm{L^{-1}}$ Tm(III) soln.	731084