

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
47	Pentaammine(imidazole)cobalt(III)·OH ion	(NH <sub>3</sub> ) <sub>5</sub> CoImH <sup>3+</sup> (NH <sub>3</sub> ) <sub>5</sub> Co(HO–ImH) <sup>3+</sup>	—→	7.7 × 10 <sup>9</sup>	p.r.; C.k.; λ <sub>max</sub> for transient addn. product at 280 nm; rel. to k(·OH + SCN <sup>-</sup> ).	83A270