

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
50	Bis(ethylenediamine)dichlorocobalt(II) ion	$\text{Co(en)}_2\text{Cl}_2^+ \longrightarrow$		$3.1 \times 10^8$	Average of 3 values.	
				4.4	$3.1 \times 10^8$	p.r.; C.k.; rel. to
				6.0	$3.3 \times 10^8$	p.r.; C.k.; rel. to
				2.9-4.5	$\sim 3.0 \times 10^8$	p.r.; P.b.k. (con