

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
104	Carbonatobis(ethylenediamine)cobalt(III) Ion	$\text{Co(en)}_2\text{CO}_3^+ \longrightarrow$		$4.8 \times 10^{10}$	Average of 2 values.	
			5-6	$4.8 \times 10^{10}$	p.r.; D.k. at 575 nm; $pK$ of ligand 6.8, 9.9.	690428
			7.2	$4.9 \times 10^{10}$	p.r.; D.k.; counterion $\text{ClO}_4^-$ ; $I = 2 \times 10^{-2}$ .	680295