

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
27	cis-Dibromobis(diethylenetriamine)cobalt(III) ion	$\text{H}^\bullet + \text{cis-Co(dien)}_2\text{Br}_2^+ \longrightarrow$	3.5	3.0×10^8	e.d.; Detd. from dose rate of H atoms and amount of redn. product.	730517