

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
120	Bis(hydroxo)tetra- methylpyridyl)porphinatomanganese ion	$\text{cis(4-N-methylpyridyl)porphinato-} \cdot \text{OH} + (\text{OH})_2\text{MnTMpyP}^{3+} \longrightarrow [(\text{OH})_2\text{MnTMpyP-OH}]^{3+}$	11.0	$2.7 \times 10^{10}$	p.r.; C.k.; $pK_a = 8.0, 10.6$ ; rel. to $k_{\cdot\text{OH}+\text{Fe}(\text{CN})_6^{4-}}$ .	84A426
			12.4	$3.5 \times 10^9$	p.r.; D.k.	84A120