



Studies of the chemical oxidation of the iron(II) complex of *N*-methyltetraphenylporphyrin to form the corresponding symmetrical and unsymmetrical μ -oxo di-iron complexes.

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New μ -oxo di-iron *N*-methyltetraphenylporphyrin (MeTPP) species of formula $[(\text{MeTPP})\text{Fe}]_2\text{O}(\text{C}_{104})_2$ and $[(\text{MeTPP})\text{Fe}-\text{O}-\text{Fe}(\text{TPP})]\text{C}_{104}$ have been prepared by the reaction of $(\text{MeTPP})\text{FeCl}$ with silver perchlorate and characterized by Lr., visible, n.m.r., and Mossbauer spectroscopy and electrochemical measurements; the mechanism of formation of the di-iron complexes is briefly discussed.

Adres publiczny

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