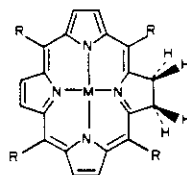


ASYMMETRIC CHARGE DISTRIBUTION IN METALLOCHLORINS

Abraham Ulman

Isotope Department, The Weizmann Institute of Science
76100 Rehovot, Israel

The first evidence for asymmetric charge distribution in metallochlorins will be discussed. The X-ray structure of 5,10,15,20-tetramethylchlorinatonickel(II) complex will be discussed and compared with the structure of the porphyrin analogue. Proton as well as Carbon-13 nuclear magnetic resonance studies will be discussed in the context of the asymmetric charge distribution model.



R = CH₃

M = Ni(II)

References:

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