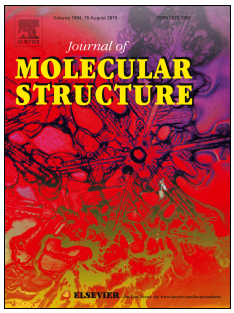
Accepted Manuscript



Spectroscopic and electrochemical behavior of the novel tetra-2-methyl-pyrazinoporphyrazines

Mehmet Pişkin, Naciye Öztürk, Mahmut Durmuş

PII: S0022-2860(17)31115-8

DOI: 10.1016/j.molstruc.2017.08.053

Reference: MOLSTR 24191

To appear in: *Journal of Molecular Structure*

Received Date: 28 April 2017

Revised Date: 13 August 2017

Accepted Date: 15 August 2017

Please cite this article as: M. Pişkin, N. Öztürk, M. Durmuş, Spectroscopic and electrochemical behavior of the novel tetra-2-methyl-pyrazinoporphyrazines, *Journal of Molecular Structure* (2017), doi: 10.1016/j.molstruc.2017.08.053.

Spectroscopic and electrochemical behavior of the novel tetra-2-methyl-pyrazinoporphyrazines

Mehmet Pişkin, Naciye Öztürk, Mahmut Durmuş

The novel metal free (H_2Pc) and metallo porphyrazines (magnesium(II) (MgPz), copper(II) (CuPz), iron(II) (FePz), manganese(II) (MnPz) and nickel(II) (NiPz)) substituted with four 2-methylpyrazine groups on the peripheral positions were synthesized for the first time. The electrochemical behaviours of these porphyrazines were also determined in DMSO solution by cyclic voltammetry (CV) and square wave voltammetry (SWV) methods on edge plane pyrollytic graphite electrode (EPPG) electrode.