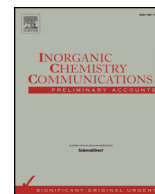




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Short communication

Tetrameric copper(II) metallocyclic complex bearing an amino acid derived Schiff base ligand: Structure, catalytic and antioxidant activities

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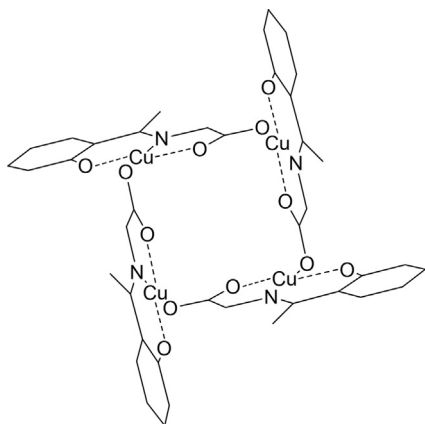
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GRAPHICAL ABSTRACT

The synthesis, characterization of one new copper(II) complex derived from *N*-(2'-hydroxy acetophenone)glycinate ligand (LGly) is reported. The structure of the copper(II) complex was determined by single crystal X-ray diffraction (SCXRD), showing a tetranuclear metallocycle. The structure and spectroscopic characterization, as well as catalytic and antioxidant applications, are reported.



A B S T R A C T

The synthesis, characterization of a new anhydro copper(II) complex derived from *N*-(2'-hydroxy acetophenone) glycinate ligand (LGly) is reported. The structure of the copper(II) complex was determined by single crystal X-ray diffraction (SCXRD), showing a tetranuclear metallocycle. The structure and spectroscopic characterization, as well as catalytic and antioxidant applications, are reported.

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