Accepted Manuscript

Copper(II) Complexes of N₃O Ligands as Models for Galactose Oxidase: Effect of Variation of Steric Bulk of Coordinated Phenoxyl Moiety on the Radical Stability and Spectroscopy

Cédric Colomban, Christian Philouze, Florian Molton, Nicolas Leconte, Fabrice Thomas

PII: S0020-1693(17)31162-3

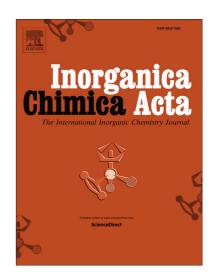
DOI: http://dx.doi.org/10.1016/j.ica.2017.09.016

Reference: ICA 17872

To appear in: Inorganica Chimica Acta

Received Date: 25 July 2017 Revised Date: 5 September 2017

Accepted Date: 6 September 2017



Please cite this article as: C. Colomban, C. Philouze, F. Molton, N. Leconte, F. Thomas, Copper(II) Complexes of N₃O Ligands as Models for Galactose Oxidase: Effect of Variation of Steric Bulk of Coordinated Phenoxyl Moiety on the Radical Stability and Spectroscopy, *Inorganica Chimica Acta* (2017), doi: http://dx.doi.org/10.1016/j.ica. 2017.09.016

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Copper(II) Complexes of N₃O Ligands as Models for Galactose Oxidase: Effect of Variation of Steric Bulk of Coordinated Phenoxyl Moiety on the Radical Stability and Spectroscopy

Cédric Colomban, [a] Christian Philouze, [a] Florian Molton, [a] Nicolas Leconte, [a]* Fabrice Thomas [a]*

Equipe de Chimie Inorganique & Redox

Département de Chimie Moléculaire, UMR-5250 CNRS UGA

CS 40700, 38058 Grenoble Cedex 9, France

Mail: nicolas.leconte@univ-grenoble-alpes.fr, fabrice.thomas@univ-grenoble-alpes.fr

Keywords: Galactose oxidase, phenoxyl, copper, biomimetic chemistry, tripodal ligands

Download English Version:

https://daneshyari.com/en/article/8942895

Download Persian Version:

https://daneshyari.com/article/8942895

<u>Daneshyari.com</u>