Accepted Manuscript

Enhanced catalytic activity towards one-pot hydroxylation of phenol with hydrogen peroxide by nickel(II) complex encompassing 3-formylchromone-S-methylisothiosemicarbazone derivatives

Paranthaman Vijayan, Panneerselvam Anitha, Mani Rajeshkumar, Periasamy Viswanathamurthi, Paramasivam Sugumar, Mondikalipudur Nanjappagounder Ponnuswamy

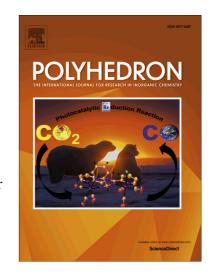
PII: S0277-5387(16)30682-9

DOI: http://dx.doi.org/10.1016/j.poly.2016.12.031

Reference: POLY 12389

To appear in: Polyhedron

Received Date: 27 September 2016 Revised Date: 21 December 2016 Accepted Date: 25 December 2016



Please cite this article as: P. Vijayan, P. Anitha, M. Rajeshkumar, P. Viswanathamurthi, P. Sugumar, M. Nanjappagounder Ponnuswamy, Enhanced catalytic activity towards one-pot hydroxylation of phenol with hydrogen peroxide by nickel(II) complex encompassing 3-formylchromone-S-methylisothiosemicarbazone derivatives, *Polyhedron* (2016), doi: http://dx.doi.org/10.1016/j.poly.2016.12.031

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

Enhanced catalytic activity towards one-pot hydroxylation of phenol with hydrogen peroxide by nickel(II) complex encompassing 3-formylchromone-S-methylisothiosemicarbazone derivatives

Paranthaman Vijayan,^a Panneerselvam Anitha,^a Mani Rajeshkumar,^a Periasamy Viswanathamurthi,*^a Paramasivam Sugumar,^b Mondikalipudur Nanjappagounder Ponnuswamy,^b

*To whom correspondence should be addressed, E-mail: *viswanathamurthi72@gmail.com*Fax: +91 427 2345124

^aDepartment of Chemistry, Periyar University, Salem-636 011, India.

^bCentre of Advanced Studies in Crystallography and Biophysics, University of Madras, Guindy Campus, Chennai- 600 025, India.

Download English Version:

https://daneshyari.com/en/article/5154219

Download Persian Version:

https://daneshyari.com/article/5154219

Daneshyari.com