Accepted Manuscript

ZnO-loaded mesoporous silica (KIT-6) as an efficient solid catalyst for production of various substituted quinoxalines

Oveisi Hamid, M. Adharvana Chari, Chi Van Nguyen, Jeffrey E. Chen, Yusuke Yamauchi;ce:sup;di/ce:sup;, Kevin C.-W. Wu

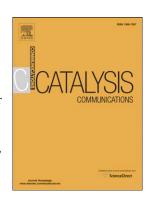
PII: S1566-7367(16)30392-2

DOI: doi:10.1016/j.catcom.2016.10.026

Reference: CATCOM 4831

To appear in: Catalysis Communications

Received date: 28 July 2016
Revised date: 30 September 2016
Accepted date: 24 October 2016



Please cite this article as: Oveisi Hamid, M. Adharvana Chari, Chi Van Nguyen, Jeffrey E. Chen, Yusuke Yamauchi;ce:sup¿d¡/ce:sup¿, Kevin C.-W. Wu, ZnO-loaded mesoporous silica (KIT-6) as an efficient solid catalyst for production of various substituted quinoxalines, *Catalysis Communications* (2016), doi:10.1016/j.catcom.2016.10.026

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

ZnO-Loaded Mesoporous Silica (KIT-6) as an Efficient Solid Catalyst for Production of Various Substituted Quinoxalines

Oveisi Hamid,^a M. Adharvana Chari,^b* Chi Van Nguyen,^c Jeffrey E. Chen,^c Yusuke Yamauchi^d* and Kevin C.-W. Wu^c*

^a Department of Materials and Polymer Engineering, Hakim Sabzevari University, Sabzevar 9617976487, Khorasan Razavi, Iran.

^b Dr.MACS Bio-Pharma Pvt. Ltd., R&D centre, Plot:79/B&C, EPIP, Pashamylaram, Patancheru, Hyderabad

^c Department of Chemical Engineering, National Taiwan University, No. 1, Sec. 4, Roosevelt Road, Taipei 10617, Taiwan.

^d World Premier International (WPI) Research Center for Materials
Nanoarchitectonics, National Institute for Materials Science (NIMS), 1-1 amiki,
Tsukuba, Ibaraki 305-0044, Japan

*Corresponding Author's E-mail:

drmac_s@yahoo.com (M. A. Chari)

kevinwu@ntu.edu.tw (K.C.W. Wu)

Yamauchi.Yusuke@nims.go.jp_ (Y. Yamauchi)

Download English Version:

https://daneshyari.com/en/article/4756526

Download Persian Version:

https://daneshyari.com/article/4756526

Daneshyari.com