Accepted Manuscript

Title: Efficient formation of angelica lactones in a vapor-phase conversion of levulinic acid

Author: Daolai Sun Yuta Takahashi Yasuhiro Yamada Satoshi

Sato

PII: S0926-860X(16)30394-5

DOI: http://dx.doi.org/doi:10.1016/j.apcata.2016.07.025

Reference: APCATA 15962

To appear in: Applied Catalysis A: General

Received date: 24-6-2016 Revised date: 26-7-2016 Accepted date: 30-7-2016

Please cite this article as: Daolai Sun, Yuta Takahashi, Yasuhiro Yamada, Satoshi Sato, Efficient formation of angelica lactones in a vapor-phase conversion of levulinic acid, Applied Catalysis A, General http://dx.doi.org/10.1016/j.apcata.2016.07.025

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

A manuscript for the original paper submitted to the journal of Applied Catalysis A

Efficient formation of angelica lactones in a vapor-phase conversion of levulinic acid

Daolai Sun, Yuta Takahashi, Yasuhiro Yamada, Satoshi Sato*

Graduate School of Engineering, Chiba University, Chiba, 263-8522, Japan

* Corresponding author. Tel. +81 43 290 3376; Fax: +81 43 290 3401

E-mail address: satoshi@faculty.chiba-u.jp (S. Sato)

Download English Version:

https://daneshyari.com/en/article/4755912

Download Persian Version:

https://daneshyari.com/article/4755912

<u>Daneshyari.com</u>