Accepted Manuscript

Efficient click chemistry towards fatty acids containing 1,2,3-triazole: Design and synthesis as potential antifungal drugs for *Candida albicans*

Nina Fu, Suiliang Wang, Yuqian Zhang, Caixia Zhang, Dongliang Yang, Lixing Weng, Baomin Zhao, Lianhui Wang

PII: S0223-5234(17)30362-8

DOI: 10.1016/j.ejmech.2017.05.001

Reference: EJMECH 9431

To appear in: European Journal of Medicinal Chemistry

Received Date: 25 February 2017

Revised Date: 10 April 2017

Accepted Date: 1 May 2017

Please cite this article as: N. Fu, S. Wang, Y. Zhang, C. Zhang, D. Yang, L. Weng, B. Zhao, L. Wang, Efficient click chemistry towards fatty acids containing 1,2,3-triazole: Design and synthesis as potential antifungal drugs for *Candida albicans*, *European Journal of Medicinal Chemistry* (2017), doi: 10.1016/ j.ejmech.2017.05.001.

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.



Graphical Abstract

Efficient Click Chemistry towards Fatty Acids Containing 1,2,3-Triazole: Design and Synthesis as Potential Antifungal Drugs

for Candida albicans

Nina Fu,^a Suiliang Wang,^a Yuqian Zhang,^a Caixia Zhang,^a Dongliang Yang,^a Lixing Weng,^b

Baomin Zhao,^{a,*} Lianhui Wang ^{a,*}

^a Key Laboratory for Organic Electronics and Information Displays & Institute of Advanced Materials (IAM), Jiangsu National Synergetic Innovation Center for Advanced Materials (SICAM), Nanjing University of Posts & Telecommunications, 9 Wenyuan Road, Nanjing 210023, China.

^b School of Geography and Biological Information, Nanjing University of Posts & Telecommunications, 9 Wenyuan Road, Nanjing 210023, China.



Two-steps in "one-pot" synthesis of ATC compounds, BDSF analogues, for efficient application as anti-fungal agents. The design, synthesis and bioactivity performance were all described.

Download English Version:

https://daneshyari.com/en/article/5158954

Download Persian Version:

https://daneshyari.com/article/5158954

Daneshyari.com