

Accepted Manuscript

Synthesis and biological evaluation of chalcone, dihydrochalcone, and 1,3-diarylopropane analogs as anti-inflammatory agents

Mopur Vijaya Bhaskar Reddy, Hsin-Yi Hung, Ping-Chung Kuo, Guan-Jhong Huang, Yu-Yi Chan, Shio-Chyn Huang, Shwu-Jen Wu, Susan L. Morris-Natschke, Kuo-Hsiung Lee, Tian-Shung Wu

PII: S0960-894X(17)30171-3
DOI: <http://dx.doi.org/10.1016/j.bmcl.2017.02.038>
Reference: BMCL 24710

To appear in: *Bioorganic & Medicinal Chemistry Letters*

Received Date: 12 January 2017
Revised Date: 14 February 2017
Accepted Date: 16 February 2017

Please cite this article as: Vijaya Bhaskar Reddy, M., Hung, H-Y., Kuo, P-C., Huang, G-J., Chan, Y-Y., Huang, S-C., Wu, S-J., Morris-Natschke, S.L., Lee, K-H., Wu, T-S., Synthesis and biological evaluation of chalcone, dihydrochalcone, and 1,3-diarylopropane analogs as anti-inflammatory agents, *Bioorganic & Medicinal Chemistry Letters* (2017), doi: <http://dx.doi.org/10.1016/j.bmcl.2017.02.038>

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.



**Synthesis and biological evaluation of chalcone, dihydrochalcone, and
1,3-diarylpropane analogs as anti-inflammatory agents**

Mopur Vijaya Bhaskar Reddy ^{a,#}, Hsin-Yi Hung ^{b,#}, Ping-Chung Kuo ^{b,#}, Guan-Jhong Huang ^c, Yu-Yi Chan ^d, Shiow-Chyn Huang ^e, Shwu-Jen Wu ^f, Susan L. Morris-Natschke ^g, Kuo-Hsiung Lee ^{g,h,*}, Tian-Shung Wu ^{b,i,*}

^a Department of Chemistry, National Cheng Kung University, Tainan 701, Taiwan,

^b School of Pharmacy, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan 701, Taiwan

^c School of Chinese Pharmaceutical Sciences and Chinese Medicine Resources, College of Pharmacy, China Medical University, Taichung 404, Taiwan

^d Department of Biotechnology, Southern Taiwan University of Science and Technology, Tainan 710, Taiwan

^e Graduate Institute of Pharmaceutical Science, Chia-Nan University of Pharmacy and Science, Tainan 717, Taiwan

^f Department of Medical Technology, Chung Hua University of Medical Technology, Tainan 717, Taiwan

^g Natural Products Research Laboratories, UNC Eshelman School of Pharmacy, University of North Carolina, Chapel Hill, NC 27599, United States

Download English Version:

<https://daneshyari.com/en/article/5157070>

Download Persian Version:

<https://daneshyari.com/article/5157070>

[Daneshyari.com](https://daneshyari.com)