Accepted Manuscript

The application of *in silico* drug-likeness predictions in pharmaceutical research

Sheng Tian, Junmei Wang, Youyong Li, Dan Li, Lei Xu, Tingjun Hou

PII: S0169-409X(15)00011-3 DOI: doi: 10.1016/j.addr.2015.01.009

Reference: ADR 12735

To appear in: Advanced Drug Delivery Reviews



Please cite this article as: Sheng Tian, Junmei Wang, Youyong Li, Dan Li, Lei Xu, Tingjun Hou, The application of *in silico* drug-likeness predictions in pharmaceutical research, *Advanced Drug Delivery Reviews* (2015), doi: 10.1016/j.addr.2015.01.009

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

The application of *in silico* drug-likeness predictions in pharmaceutical research

Sheng Tian^{a,b}, Junmei Wang^c, Youyong Li^d, Dan Li^a, Lei Xu^a, Tingjun Hou^{a,b}*

^aCollege of Pharmaceutical Sciences, Zhejiang University, Hangzhou, Zhejiang 310058, China

^bCollege of Pharmaceutical Sciences, Soochow University, Suzhou, Jiangsu 215123,
China

^cGreen Center for Systems Biology, University of Texas Southwestern Medical Center, 5323 Harry Hines Blvd., Dallas, TX 75390

^dInstitute of Functional Nano and Soft Materials (FUNSOM), Soochow University, Suzhou, Jiangsu 215123, China

Corresponding author:

Tingjun Hou

E-mail: tingjunhou@zju.edu.cn or tingjunhou@hotmail.com

Phone: +86-512-65882039

Keywords: Drug-likeness; ADMET; Traditional Chinese Medicines; Machine Learning; Computer-aided Drug Design; Virtual Screening

Download English Version:

https://daneshyari.com/en/article/8403080

Download Persian Version:

https://daneshyari.com/article/8403080

<u>Daneshyari.com</u>