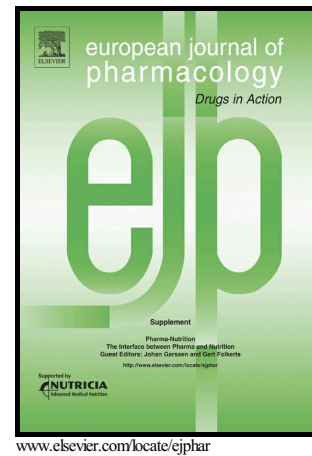


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Tao-Hua Lan^a, Xiao-Ling Chen^a, Yun-Shan Wu^b, Hui-Liang Qiu^a, Jun-Zhe Li^a, Xin-Min
Ruan^a, Dan-Ping Xu^a, Dong-Qun Lin^{a,*}

^aDepartment of Cardiology, The Second Affiliated Hospital of Guangzhou University
of Chinese Medicine, 111 Dade Road, Guangzhou, P. R. China.

^bGuangdong Provincial Hospital of Chinese Medicine, 111 Dade Road, Guangzhou, P.
R. China.

*Corresponding author. Dong-Qun Lin, Tel: (86) 2039318582, email: ldqtcml@163.com

Abstract

Pulmonary arterial hypertension (PAH) is a chronic progressive disease which leads to
elevated pulmonary arterial pressure and right heart failure.

3,7-Bis(2-hydroxyethyl)icaritin (ICT), an icariin derivatives, was reported to have
potent inhibitory activity on phosphodiesterase type 5 (PDE5) which plays a crucial
role in the pathogenesis of PAH. The present study was designed to investigate the

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