Accepted Manuscript

Title: Inhibition of intestinal chloride secretion by piperine as a cellular basis for the anti-secretory effect of black peppers

Author: Pawin Pongkorpsakol Preedajit Wongkrasant Saowanee Kumpun Varanuj Chatsudthipong Chatchai

Muanprasat

PII: S1043-6618(15)00180-2

DOI: http://dx.doi.org/doi:10.1016/j.phrs.2015.08.012

Reference: YPHRS 2909

To appear in: Pharmacological Research

Received date: 10-5-2015 Revised date: 9-8-2015 Accepted date: 17-8-2015

Please cite this article as: Pongkorpsakol Pawin, Wongkrasant Preedajit, Kumpun Saowanee, Chatsudthipong Varanuj, Muanprasat Chatchai.Inhibition of intestinal chloride secretion by piperine as a cellular basis for the anti-secretory effect of black peppers. *Pharmacological Research* http://dx.doi.org/10.1016/j.phrs.2015.08.012

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

Submitted to Pharmacological Research

Inhibition of intestinal chloride secretion by piperine as a cellular basis for the anti-secretory effect of black peppers

Pawin Pongkorpsakol a , Preedajit Wongkrasant a , Saowanee Kumpun b , Varanuj Chatsudthipong a,c , Chatchai Muanprasat a,c,d,*

^aDepartment of Physiology, Faculty of Science, Mahidol University, Rama 6 Road,

Ratchathewee, Bangkok, Thailand

^b Department of Chemistry, Faculty of Science and Technology, Suan Sunandha

Rajabhat University, Dusit, Bangkok, Thailand

^cExcellent Center for Drug Discovery, Thailand Center of Excellence for Life

Sciences (TCELS), Bangkok, Thailand

^dCenter of Excellence on Environmental Health and Toxicology, Ministry of

Education, Bangkok, Thailand

*Corresponding author:

Chatchai Muanprasat, M.D., Ph.D.

Department of Physiology, Faculty of Science, Mahidol University

Rama 6 Road, Ratchathewee, Bangkok, 10400, THAILAND

Tel: 662-201-5615 Fax: 662-354-7154

E-mail: chatchai.mua@mahidol.ac.th

Abstract

Download English Version:

https://daneshyari.com/en/article/5843344

Download Persian Version:

https://daneshyari.com/article/5843344

<u>Daneshyari.com</u>