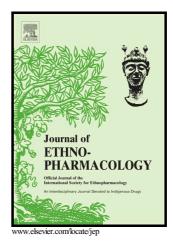
Author's Accepted Manuscript

Anti-allergic effects of sesquiterpene lactones from *Saussurea costus* (Falc.) Lipsch. determined using *in vivo* and *in vitro* experiments

Bo-Kyung Lee, Soo-Jin Park, So-Yeon Nam, Saeromi Kang, Jin Hwang, Seung-Jin Lee, Dong-Soon Im



PII:S0378-8741(17)33298-1DOI:http://dx.doi.org/10.1016/j.jep.2017.11.018Reference:JEP11109

To appear in: Journal of Ethnopharmacology

Received date: 4 September 2017 Revised date: 16 November 2017 Accepted date: 16 November 2017

Cite this article as: Bo-Kyung Lee, Soo-Jin Park, So-Yeon Nam, Saeromi Kang Jin Hwang, Seung-Jin Lee and Dong-Soon Im, Anti-allergic effects o sesquiterpene lactones from *Saussurea costus* (Falc.) Lipsch. determined using *i*. *vivo* and *in vitro* experiments, *Journal of Ethnopharmacology* http://dx.doi.org/10.1016/j.jep.2017.11.018

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable 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

Anti-allergic effects of sesquiterpene lactones from Saussurea

costus (Falc.) Lipsch. determined using in vivo and in vitro

experiments

Bo-Kyung Lee, Soo-Jin Park, So-Yeon Nam, Saeromi Kang, Jin Hwang, Seung-Jin Lee,

Dong-Soon Im^{*}

Molecular Inflammation Research Center for Aging Intervention (MRCA) and College of

Pharmacy, Pusan National University, Busan 609-735, Republic of Korea

*Corresponding author: Dong-Soon Im, Laboratory of Pharmacology, College of Pharmacy,

Pusan National University, 63 Beon-gil 2, Busandaehag-ro, Geumjeong-gu, Busan 609-735,

Republic of Korea. Tel.: +82-51-510-2817, Fax: +82-51-513-6754, E-mail: imds@pusan.ac.kr

Abstract

Ethnopharmacological relevance:

Saussurea costus (Falc.) Lipsch. root has been used in Asian traditional medicine for the treatment of asthma, rheumatism, and other conditions. *S. costus* extracts were shown to alleviate house dust mite-induced atopic-like dermatitis in Nc/Nga mice; besides, sesquiterpene lactones were isolated from *S. costus* extracts.

Aims of the study:

Download English Version:

https://daneshyari.com/en/article/8532656

Download Persian Version:

https://daneshyari.com/article/8532656

Daneshyari.com