Author's Accepted Manuscript

1,8-cineol inhibits the Wnt/β-catenin signaling pathway through GSK-3 dephosphorylation in nasal polyps of chronic rhinosinusitis patients

Karl-Ludwig Bruchhage, Michael Koennecke, Maren Drenckhan, Kirstin Plötze-Martin, Ralph Pries, Barbara Wollenberg



www.elsevier.com/locate/eiphar

PII: S0014-2999(18)30437-0

https://doi.org/10.1016/j.ejphar.2018.07.060 DOI:

Reference: EJP71925

To appear in: European Journal of Pharmacology

Received date: 20 June 2018 Revised date: 25 July 2018 Accepted date: 31 July 2018

Cite this article as: Karl-Ludwig Bruchhage, Michael Koennecke, Maren Drenckhan, Kirstin Plötze-Martin, Ralph Pries and Barbara Wollenberg, 1,8cineol inhibits the Wnt/β-catenin signaling pathway through GSK-3 dephosphorylation in nasal polyps of chronic rhinosinusitis patients, European Journal of Pharmacology, https://doi.org/10.1016/j.ejphar.2018.07.060

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 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.

ACCEPTED MANUSCRIPT

1,8-cineol inhibits the Wnt/ β -catenin signaling pathway through GSK-3 dephosphorylation in nasal polyps of chronic rhinosinusitis patients

Karl-Ludwig Bruchhage¹, Michael Koennecke¹, Maren Drenckhan, Kirstin Plötze-Martin, Ralph Pries and Barbara Wollenberg^{*}

Department of Otorhinolaryngology, University Medical Center Schleswig-Holstein, Campus Lübeck, Lübeck, Germany

*Correspondence to: Barbara Wollenberg, University Medical Center Schleswig-Holstein Campus Luebeck, Department of Otorhinolaryngology, Ratzeburger Allee 160, D-23538 Luebeck, Germany, Phone +49 451 500 42001, Fax +49 451 500 42004, E-mail: Barbara.Wollenberg@uksh.de

Vccec

1

¹ KLB and MK have shared primary authorship

Download English Version:

https://daneshyari.com/en/article/8528871

Download Persian Version:

https://daneshyari.com/article/8528871

<u>Daneshyari.com</u>