## Accepted Manuscript

Title: Pharmacological characterization of CRTh2 antagonist LAS191859: Long receptor residence time translates into long-lasting in vivo efficacy

Author: Marta Calbet Miriam Andrés Clara Armengol Mónica Bravo Peter Eichhorn Rosa López Vicente García-González Richard Roberts Montserrat Miralpeix

PII: \$1043-6618(16)30144-X

DOI: http://dx.doi.org/doi:10.1016/j.phrs.2016.06.014

Reference: YPHRS 3210

To appear in: Pharmacological Research

Received date: 25-2-2016 Revised date: 24-5-2016 Accepted date: 13-6-2016

Please cite this article as: Calbet Marta, Andrés Miriam, Armengol Clara, Bravo Mónica, Eichhorn Peter, López Rosa, García-González Vicente, Roberts Richard, Miralpeix Montserrat. Pharmacological characterization of CRTh2 antagonist LAS191859: Long receptor residence time translates into long-lasting in vivo efficacy. *Pharmacological Research* http://dx.doi.org/10.1016/j.phrs.2016.06.014

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.



Pharmacological characterization of CRTh2 antagonist LAS191859:

Long receptor residence time translates into long-lasting in vivo efficacy

Marta Calbet, Miriam Andrés, Clara Armengol, Mónica Bravo, Peter Eichhorn,

Rosa López, Vicente García-González, Richard Roberts, Montserrat Miralpeix

Almirall R&D Centre, Laureà Miró, 408-410, 08980 Sant Feliu de Llobregat,

Barcelona, Spain.

Corresponding author: Marta Calbet

Almirall R&D Center

Laureà Miró, 408-410, 08980 Sant Feliu de Llobregat, Barcelona, Spain.

Tel: 93 312 8735

E-mail: marta.calbet@almirall.com

Non-standard abbreviations:

cAMP, cyclic adenosine monophosphate; CHO, Chinese Hamster Ovary cell line;

CRTh2, chemoattractant receptor-homologous molecule expressed on T-helper

cells; DK-PGD<sub>2</sub>, 13-14-dihydro-15-keto-PGD<sub>2</sub>; GDP, guanosine diphosphate;

GPCR, G protein-coupled receptor; GTP, guanosine triphosphate; PGD<sub>2</sub>,

Prostaglandin D<sub>2</sub>; PMN, polymorphonuclear cells; Th2, T-helper cells type 2.

1

## Download English Version:

## https://daneshyari.com/en/article/5843431

Download Persian Version:

https://daneshyari.com/article/5843431

<u>Daneshyari.com</u>