Accepted Manuscript

Identification of TG100-115 as a new and potent TRPM7 kinase inhibitor, which suppresses breast cancer cell migration and invasion

Chiman Song, Yeonju Bae, JinJoo Jun, Hyomin Lee, Nam Doo Kim, Kyung-Bok Lee, Wooyoung Hur, Jae-Yong Park, Taebo Sim

PII: S0304-4165(17)30042-9

DOI: doi:10.1016/j.bbagen.2017.01.034

Reference: BBAGEN 28760

To appear in: BBA - General Subjects

Received date: 23 September 2016 Revised date: 26 January 2017 Accepted date: 31 January 2017



Please cite this article as: Chiman Song, Yeonju Bae, JinJoo Jun, Hyomin Lee, Nam Doo Kim, Kyung-Bok Lee, Wooyoung Hur, Jae-Yong Park, Taebo Sim, Identification of TG100-115 as a new and potent TRPM7 kinase inhibitor, which suppresses breast cancer cell migration and invasion, *BBA - General Subjects* (2017), doi:10.1016/j.bbagen.2017.01.034

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

Identification of TG100-115 as a new and potent TRPM7 kinase inhibitor, which suppresses breast cancer cell migration and invasion

Chiman Song ^a, Yeonju Bae ^b, JinJoo Jun ^a, Hyomin Lee ^{a,c}, Nam Doo Kim ^d, Kyung-Bok Lee ^e, Wooyoung Hur ^{a,c}, Jae-Yong Park ^b, Taebo Sim ^{a,f},*

^a Chemical Kinomics Research Center, Korea Institute of Science and Technology, Seoul, 02792, Republic of Korea

^b School of Biosystem and Biomedical Science, College of Health Science, Korea University, Seoul, 02841, Republic of Korea

^c Department of Biological Chemistry, Korea University of Science and Technology, Daejeon 34113, Republic of Korea

^d New Drug Development Center, Daegu-Gyeongbuk Medical Innovation Foundation, Daegu, 41061, Republic of Korea

^e Division of Life Science, Korea Basic Science Institute, Daejeon, 34133, Republic of Korea

^f KU-KIST Graduate School of Converging Science and Technology, Korea University, Seoul, 02841, Republic of Korea

* Corresponding author at: Chemical Kinomics Research Center, Korea Institute of Science and Technology, Seoul, 02792, Republic of Korea

E-mail adderess: tbsim@kist.re.kr (T. Sim)

Download English Version:

https://daneshyari.com/en/article/5508146

Download Persian Version:

https://daneshyari.com/article/5508146

Daneshyari.com