Accepted Manuscript

Title: The ATPase activity of the mycobacterial plasma membrane is inhibited by the LL37-analogous peptide LLAP

Author: Sandra Chingaté Gabriela Delgado Luz Mary

Salazara Carlos-Yesid Soto

PII: S0196-9781(15)00217-X

DOI: http://dx.doi.org/doi:10.1016/j.peptides.2015.07.021

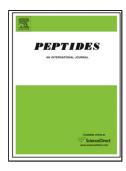
Reference: PEP 69524

To appear in: Peptides

Received date: 24-4-2015 Revised date: 22-7-2015 Accepted date: 22-7-2015

Please cite this article as: Chingaté Sandra, Delgado Gabriela, Salazara Luz Mary, Soto Carlos-Yesid.The ATPase activity of the mycobacterial plasma membrane is inhibited by the LL37-analogous peptide LLAP.*Peptides* http://dx.doi.org/10.1016/j.peptides.2015.07.021

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

1	
2	The ATPase activity of the mycobacterial plasma membrane is
3	inhibited by the LL37-analogous peptide LLAP
4	
	a company to the comp
5	Sandra Chingaté ^a , Gabriela Delgado ^b , Luz Mary Salazara*, Carlos-Yesid Soto ^a
6	
7	^a ChemistryDepartment, Faculty of Sciences, Universidad Nacional de Colombia, Carrera
8	30 # 45-03, Ciudad Universitaria, Bogotá, Colombia
9	^b PharmacyDepartment, Faculty of Sciences, Universidad Nacional de Colombia, Carrera
10	30 # 45-03, Ciudad Universitaria, Bogotá, Colombia
11	
12	
13	* Corresponding Author: Phone: (571)-316-5000 / Ext: 14449; Fax: (571)-316-5220;
14	E-mail: <u>lmsalazarpu@unal.edu.co</u>
15	
16	Abbreviations : AMPs, antimicrobial peptides; CD, Circular dichroism; IC ₅₀ ,median
17	cytotoxic concentration; HC ₅₀ , median hemolytic concentration; LLAP, LL37-analogous
18	peptide; MDR, multidrug resistant; MIC, minimum inhibitory concentration; RBC, red
	blood cells; TB, tuberculosis; XDR, extensively drug-resistant.
19	•
20	Abstract
21	
22	The emergence of multidrug-resistant Mycobacterium tuberculosis strains has ledtothe
23	development of new antituberculousagents. In this context, antimicrobial targeting proteins to
	1

Download English Version:

https://daneshyari.com/en/article/8347964

Download Persian Version:

https://daneshyari.com/article/8347964

<u>Daneshyari.com</u>