Accepted Manuscript

Molecular docking and in vitro studies of soap nut trypsin inhibitor (SNTI) against phospholipase A2 isoforms in therapeutic intervention of inflammatory diseases

Gandreddi V.D. Sirisha, K. Vijaya Rachel, Kunal Zaveri, Nagendra Sastry Yarla, P. Kiranmayi, Magdah Ganash, Huda Mohammad Alkreathy, Nisreen Rajeh, Ghulam M.D. Ashraf

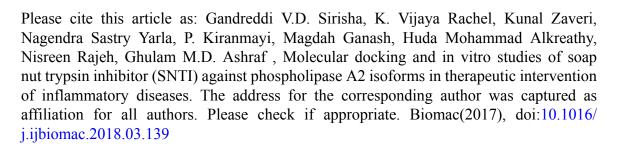
PII: S0141-8130(17)34567-1

DOI: doi:10.1016/j.ijbiomac.2018.03.139

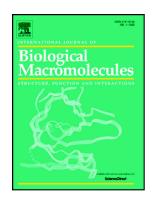
Reference: BIOMAC 9361

To appear in:

Received date: 19 November 2017 Revised date: 26 February 2018 Accepted date: 22 March 2018



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

Molecular Docking and in vitro Studies of Soap Nut Trypsin Inhibitor (SNTI) against

Phospholipase A₂ Isoforms in Therapeutic Intervention of Inflammatory diseases

Gandreddi V. D Sirisha^{1,+}, K. Vijaya Rachel^{1,*}, Kunal Zaveri¹, Nagendra Sastry Yarla^{1,+}, P.

Kiranmayi², Magdah Ganash³, Huda Mohammad Alkreathy⁴, Nisreen Rajeh⁵, Ghulam Md

Ashraf 6,*

¹Department of Biochemistry/Bioinformatics, Institute of Science, GITAM University,

Rushikonda, Visakhapatnam 530 045, Andhra Pradesh, India; ²Department of Biotechnology,

Institute of Science, GITAM University, Rushikonda, Visakhapatnam 530 045, Andhra Pradesh,

India; ³Department of Biology, Faculty of Science, King Abdulaziz University, Jeddah, Saudi

Arabia; ⁴Department of Pharmacology, Faculty of Medicine, King Abdulaziz Universuty,

Jeddah, Saudi Arabia; ⁵Department of Anatomy, Faculty of Medicine, King Abdulaziz

University, Jeddah, Kingdom of Saudi Arabia; ⁶King Fahd Medical Research Center, King

Abdulaziz University, Jeddah 21589, Saudi Arabia

+Equal contribution

Short Title: *In silico* analysis and *in vitro* studies against PLA₂

1

Download English Version:

https://daneshyari.com/en/article/8327346

Download Persian Version:

https://daneshyari.com/article/8327346

<u>Daneshyari.com</u>