

Accepted Manuscript

Spectroscopic profiling and computational study of the binding of tschimgine: A natural monoterpene derivative, with calf thymus DNA

Masoumeh Ashrafi Khajeh, Gholamreza Dehghan, Siavoush Dastmalchi, Masoomeh Shaghaghi, Mehrdad Iranshahi



PII: S1386-1425(17)30952-6
DOI: doi:[10.1016/j.saa.2017.11.042](https://doi.org/10.1016/j.saa.2017.11.042)
Reference: SAA 15624

To appear in: *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*

Received date: 5 June 2017
Revised date: 23 October 2017
Accepted date: 19 November 2017

Please cite this article as: Masoumeh Ashrafi Khajeh, Gholamreza Dehghan, Siavoush Dastmalchi, Masoomeh Shaghaghi, Mehrdad Iranshahi , Spectroscopic profiling and computational study of the binding of tschimgine: A natural monoterpene derivative, with calf thymus DNA. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Saa(2017), doi:[10.1016/j.saa.2017.11.042](https://doi.org/10.1016/j.saa.2017.11.042)

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.

Spectroscopic profiling and computational study of the binding of tschimgingine, a natural monoterpene derivative, with calf thymus DNA

Masoumeh Ashrafi Khajeh^a, Gholamreza Dehghan^{a*}, Siavoush Dastmalchi^b, Masoomeh Shaghaghi^c, Mehrdad Iranshahi^d

^aDepartment of Biology, Faculty of Natural Sciences, University of Tabriz, Tabriz, Iran

^bBiotechnology Research Center, School of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran

^cDepartment of Chemistry, Payame Noor University, P. O. Box 19395-3697 Tehran, Iran

^dDepartment of Pharmacognosy, Faculty of Pharmacy, Mashhad University of Medical Sciences; Mashhad, Iran

*Address correspondence to: Gholamreza Dehghan, Ph. D. Department of Biology, Faculty of Natural Sciences, University of Tabriz, Tabriz, Iran. Tel: (+ 98) (41) (33392739), Fax No: (+ 98) (41) (33356027) E-mails: dehghan2001d@yahoo.com & gdehghan@tabrizu.ac.ir

Download English Version:

<https://daneshyari.com/en/article/7669791>

Download Persian Version:

<https://daneshyari.com/article/7669791>

[Daneshyari.com](https://daneshyari.com)