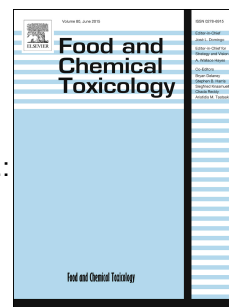


Accepted Manuscript

Anti-proliferative activity-guided isolation of clerodermic acid from *Salvia nemorosa* L.:
Geno/cytotoxicity and hypoxia-mediated mechanism of action

Mir Babak Bahadori, Morteza Eskandani, Maria de Mieri, Matthias Hamburger,
Hossein Nazemiyeh



PII: S0278-6915(18)30434-4

DOI: [10.1016/j.fct.2018.06.060](https://doi.org/10.1016/j.fct.2018.06.060)

Reference: FCT 9881

To appear in: *Food and Chemical Toxicology*

Received Date: 5 May 2018

Revised Date: 22 June 2018

Accepted Date: 26 June 2018

Please cite this article as: Bahadori, M.B., Eskandani, M., de Mieri, M., Hamburger, M., Nazemiyeh, H., Anti-proliferative activity-guided isolation of clerodermic acid from *Salvia nemorosa* L.: Geno/cytotoxicity and hypoxia-mediated mechanism of action, *Food and Chemical Toxicology* (2018), doi: 10.1016/j.fct.2018.06.060.

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.

Anti-proliferative activity-guided isolation of Clerodermic acid from *Salvia nemorosa* L.: Geno/cytotoxicity and hypoxia-mediated mechanism of action

Mir Babak Bahadori ^a, Morteza Eskandani ^{b*}, Maria de Mieri ^c, Matthias Hamburger ^c,
Hossein Nazemiyeh ^{b,d*}

^a *Phytopharmacology Research Center, Maragheh University of Medical sciences, Maragheh, Iran*

^b *Research Center for Pharmaceutical Nanotechnology, Biomedicine Institute, Tabriz University of Medical Sciences, Tabriz, Iran*

^c *Division of Pharmaceutical Biology, University of Basel, Klingelbergstrasse 50, 4056 Basel, Switzerland*

^d *Departement of Pharmacognosy, Faculty of Pharmacy, Tabriz University of Medical Sciences, Tabriz, Iran*

Corresponding authors: Research Center for Pharmaceutical Nanotechnology, Tabriz University of Medical Sciences, Tabriz, Iran, Dr. Morteza Eskandani; E-mail address: morteza.eskandani@gmail.com, and Prof. Hossein Nazemiyeh; E-mail address: nazemiyehh@gmail.com

Download English Version:

<https://daneshyari.com/en/article/8546577>

Download Persian Version:

<https://daneshyari.com/article/8546577>

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