Accepted Manuscript

In vitro apoptotic mechanism of a novel synthetic Quinazolinyl derivative: Induces caspase-dependent intrinsic pathway on THP-1, leukemia cell line

V. Sridhar, S.K. Arepalli, L.R. Velatooru, J. Venkateswara Rao, P. Kavin Kennedy, B. Narsaiah

PII: S0009-2797(17)30715-9

DOI: 10.1016/j.cbi.2017.12.015

Reference: CBI 8172

To appear in: Chemico-Biological Interactions

Received Date: 5 July 2017

Revised Date: 4 November 2017

Accepted Date: 5 December 2017

Please cite this article as: V. Sridhar, S.K. Arepalli, L.R. Velatooru, J. Venkateswara Rao, P. Kavin Kennedy, B. Narsaiah, *In vitro* apoptotic mechanism of a novel synthetic Quinazolinyl derivative: Induces caspase-dependent intrinsic pathway on THP-1, leukemia cell line, *Chemico-Biological Interactions* (2018), doi: 10.1016/j.cbi.2017.12.015.

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.



In vitro apoptotic mechanism of a novel synthetic Quinazolinyl derivative: induces caspase-dependent intrinsic pathway on THP-1, Leukemia cell line

V. Sridhar,¹⁴ S.K. Arepalli,¹ L.R. Velatooru,¹ J. Venkateswara Rao,^{1*} P. Kavin Kennedy,² B. Narsaiah³

¹Toxicology Unit, Biology Division, CSIR-Indian Institute of Chemical Technology, Hyderabad-500 607, India

²Flow-cytometry Facility, CSIR-Centre for Cellular and Molecular Biology,

Hyderabad-500 607, India

³Fluoro organic Division, CSIR- Indian Institute of Chemical Technology, Hyderabad 500 607, India

⁴MNR Foundation for Research and Innovation, MNR Medical College, Sangareddy, Telangana, 502294, India

*J. Venkateswara Rao

Scientist,

Toxicology Unit, Biology Division

Indian Institute of Chemical Technology,

Hyderabad - 500 607

India.

Telephones	:	+91 (40) 2720 5440
Fax	:	+91 (40) 2719 3227
e-mail	:	jviict@gmail.com

Download English Version:

https://daneshyari.com/en/article/8545243

Download Persian Version:

https://daneshyari.com/article/8545243

Daneshyari.com