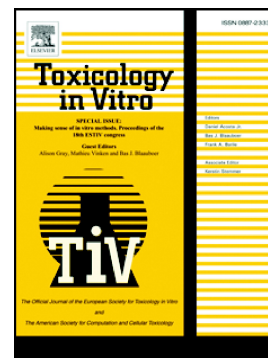


Accepted Manuscript

Monte Carlo based modelling approach for designing and predicting cytotoxicity of 2-phenylindole derivatives against breast cancer cell line MCF7

Ruchi Gaikwad, Soumajit Ghorai, Sk. Abdul Amin, Nilanjan Adhikari, Tarun Patel, Kalpataru Das, Tarun Jha, Shovanlal Gayen



PII: S0887-2333(18)30224-8
DOI: doi:[10.1016/j.tiv.2018.05.016](https://doi.org/10.1016/j.tiv.2018.05.016)
Reference: TIV 4293

To appear in: *Toxicology in Vitro*

Received date: 1 December 2017

Revised date: 23 April 2018

Accepted date: 31 May 2018

Please cite this article as: Ruchi Gaikwad, Soumajit Ghorai, Sk. Abdul Amin, Nilanjan Adhikari, Tarun Patel, Kalpataru Das, Tarun Jha, Shovanlal Gayen , Monte Carlo based modelling approach for designing and predicting cytotoxicity of 2-phenylindole derivatives against breast cancer cell line MCF7. *Tiv* (2017), doi:[10.1016/j.tiv.2018.05.016](https://doi.org/10.1016/j.tiv.2018.05.016)

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.

Monte Carlo based modelling approach for designing and predicting cytotoxicity of 2-phenylindole derivatives against breast cancer cell line MCF7

Ruchi Gaikwad^a, Soumajit Ghorai^a, Sk. Abdul Amin^b, Nilanjan Adhikari^b, Tarun Patel^a, Kalpataru Das^c, Tarun Jha^{b,*} and Shovanlal Gayen^{a,*}

^aLaboratory of Drug Design and Discovery, Department of Pharmaceutical Sciences, Dr. Harisingh Gour University (A Central University), Sagar 470003, (MP), India

^bNatural Science Laboratory, Division of Medicinal and Pharmaceutical Chemistry, Department of Pharmaceutical Technology, P.O. Box 17020, Jadavpur University, Kolkata 700032, (WB), India

^cDepartment of Chemistry, Dr. Harisingh Gour University (A Central University), Sagar 470003, (MP), India

**Corresponding author: Tarun Jha (tjupharm@yahoo.com) and Shovanlal Gayen (shovanlal.gayen@gmail.com)*

Download English Version:

<https://daneshyari.com/en/article/8553896>

Download Persian Version:

<https://daneshyari.com/article/8553896>

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