

Accepted Manuscript

Synthesis and biological evaluation of Schizandrin derivatives as potential anti-cancer agents

Devi Amujuri, Bandi Siva, B. Poornima, Katukuri Sirisha, A.V.S. Sarma, V. Lakshma Nayak, Ashok K. Tiwari, U. Purushotham, K. Suresh Babu



PII: S0223-5234(18)30203-4

DOI: [10.1016/j.ejmech.2018.02.066](https://doi.org/10.1016/j.ejmech.2018.02.066)

Reference: EJMECH 10243

To appear in: *European Journal of Medicinal Chemistry*

Received Date: 28 August 2017

Revised Date: 5 February 2018

Accepted Date: 20 February 2018

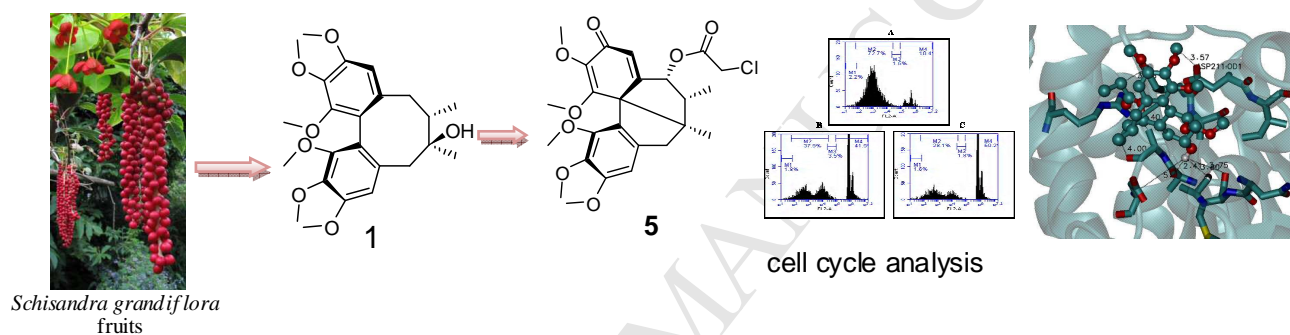
Please cite this article as: D. Amujuri, B. Siva, B. Poornima, K. Sirisha, A.V.S. Sarma, V. Lakshma Nayak, A.K. Tiwari, U. Purushotham, K. Suresh Babu, Synthesis and biological evaluation of Schizandrin derivatives as potential anti-cancer agents, *European Journal of Medicinal Chemistry* (2018), doi: 10.1016/j.ejmech.2018.02.066.

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.

Graphical Abstract

Synthesis and biological evaluation of Schizandrin derivatives as potential anti-cancer agents.

Devi Amujuri, Bandi Siva, B.Poornima,^a Katukuri Sirisha, A.V.S. Sarma, V. Lakshma Nayak, Ashok K Tiwari, U.Purushotham, K. Suresh Babu.*



A series of novel Schizandrin(**1**) derivatives were synthesized and tested for cytotoxic activities. Among the congeners, **5** caused cell stalled DU-145 cells at G2/M phase.

Download English Version:

<https://daneshyari.com/en/article/7796681>

Download Persian Version:

<https://daneshyari.com/article/7796681>

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