



**SDI Review Form 1.6**

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|--------------------------|--|
| Journal Name:            | <a href="#">Asian Food Science Journal</a>   |
| Manuscript Number:       | Ms_AFSJ_47204  |
| Title of the Manuscript: | An In-Silico Pharmacokinetics Study on Cis-Heptadeca-1,9-Diene-4,6-Diyne-3,8-Diol: A Nutraceutical Compound with Anticancer Properties |
| Type of the Article      | Original Research Article  |

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

|                                     | Reviewer's comment  | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|-------------------------------------|---|---|
| <b>Compulsory</b> REVISION comments |   |   |
| <b>Minor</b> REVISION comments      | <p><b>1- In the introduction part; there were some comments:</b></p> <p>A- It is recommended to mention what is “<i>Aegopodium podraria</i> L.”, and to which family it belongs.</p> <p>B- A brief <b>definition of</b> Umbelliferae is recommended to be added to the introduction.</p> <p>C- Actually, I do search for “<i>Falaria vulari Bernh</i>” and it is recommended to mention recent references of any information about this type of plants.</p> <p>D- It is suggested to assure the correct spelling of the plant mentioned in the introduction such as “<i>Opanax</i>”.</p> <p><b>2- In the results and discussion part there were some comments:</b></p> <p>A- <b>Figure 1 and Figure 2</b> are found in the results and discussion part but the author <b>didn't mention in any part of the text</b> that these figures are present.</p> <p>B- There is contradiction in this statement and I highlighted it by yellow: “Lipinski “rule-of-five” which states that the absorption or permeation of a molecule is more likely when <b>the molecular weight is under 500 g/mol</b>, the value of log P is lower than 5, and the molecule has utmost 5 H-donor and 10 H-acceptor atoms (cLogP&lt;5, <b>MW&gt;500</b>, HBD&lt;5 and HBA&lt;10)”.</p> <p><b>C-</b> There is another contradiction that in the results the author mentioned that “no inhibition to the Cytochrome P450 isomers and the P-glycoprotein with the <b>exemption of the CYP2D6</b> isomer”; meanwhile in Figure 3; SwissADME <i>In Silico</i> Pharmacokinetics Result for Falcarindiol, <b>the exemption is for CYP2D9 not CYP2D6.</b></p> <p><b>3- In the conclusion part, there was one comment:</b></p> <p>A- The sentence “<b>The synthetic accessibility score of falcarindiol has also shown that it falls within the range of compounds that can be easily synthesized</b>” is suggested to be moved to result and discussion part instead of conclusion part.</p> <p><b>4- In the references part, there were some comments:</b></p> <p>A- For the reference number 12 &amp; 13; the word safower is wrong and the correct in the original articles was safflower.</p> <p>B- For reference number 30; the word <b>fve</b> should be replaced by <b>five</b>.</p> <p>C- As a general note on references; the author didn't follow one system (the journal system) in writing references. For example in reference 29 he mentioned one of the authors as “Beard, H.,” while in the next reference he mentioned one of the authors as “Lipinski CA” without any dots or comma.</p> |   |
| <b>Optional/General</b> comments    |   |   |

**PART 2:**

|   | Reviewer's comment   | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|---|--|---|
| <b>Are there ethical issues in this manuscript?</b> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |   |

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.



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Kindly see the following link:

<http://sciencedomain.org/archives/20>

**Reviewer Details:**

|                                  |  |
|----------------------------------|--|
| Name:                            | <b><i>Mohammed O. Ibrahim</i></b>      |
| Department, University & Country | <b><i>Mutah University, Jordan</i></b> |