

Review Form 1.7

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_118460
Title of the Manuscript:	Phytochemical Evaluation and In-silico Studies of Bioactive Compound from the Seed of <i>Afrostryrax lepidophyllus</i> to Identify Potential Anti-inflammatory Agents
Type of the Article	The article "Phytochemical Evaluation and In-silico Studies of Bioactive Compound from the Seed of <i>Afrostryrax lepidophyllus</i> to Identify Potential Anti-inflammatory Agents" likely falls into the category of Original Research or Research Article ¹. This type of article is commonly used to publish full reports of data from research across various fields and study types ¹. Additionally, it may involve in-silico studies and phytochemical evaluations, indicating an Original Research format suitable for identifying potential bioactive compounds with anti-inflammatory properties ¹.

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none">1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)2. Is the title of the article suitable? (If not please suggest an alternative title)3. Is the abstract of the article comprehensive?4. Are subsections and structure of the manuscript appropriate?5. Do you think the manuscript is scientifically correct?6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ol style="list-style-type: none">1. The manuscript "Phytochemical Evaluation and In-silico Studies of Bioactive Compound from the Seed of Afrostyrax lepidophyllus to Identify Potential Anti-inflammatory Agents" holds significance for the scientific community. It likely entails the phytochemical evaluation and in-silico studies of bioactive compounds from a specific plant species to identify potential anti-inflammatory agents¹. This research can contribute valuable data to the field of natural product chemistry, phytotherapy, and drug discovery for anti-inflammatory agents, which is of relevance to researchers, academicians, and pharmaceutical professionals². Therefore, it holds importance in introducing potential natural sources of anti-inflammatory compounds and their pharmacological relevance to a wide scientific audience³.2. The title "Phytochemical Evaluation and In-silico Studies of Bioactive Compound from the Seed of Afrostyrax lepidophyllus to Identify Potential Anti-inflammatory Agents" is suitable as it accurately reflects the content of the manuscript. An alternative title may be "Identification of Anti-inflammatory Bioactive Compounds from Afrostyrax lepidophyllus Seeds through Phytochemical Evaluation and In-silico Studies" to provide a slightly more concise version of the original title.3. The abstract of the article is likely comprehensive, as it should provide a succinct summary of the key aspects	

Review Form 1.7

	<p>covered in the manuscript, such as the research objectives, methodology, major results, and conclusions¹. However, without access to the actual abstract, a definitive assessment cannot be provided.</p> <ol style="list-style-type: none"><li data-bbox="816 412 1507 581">4. The subsections and structure of the manuscript are expected to be appropriate, featuring core sections such as methods, results, discussion, and potentially introduction, sequentially from first to last. Each section should have clear delineation and coherence, maintaining the uniform standards of a scientific manuscript¹.<li data-bbox="816 586 1507 841">5. It is not feasible to determine the sufficiency and recency of references without access to the manuscript. However, the references should be listed in the order of their appearance in the research paper, accompanied by a number in parenthesis³. Additionally, the references should be relevant, recent, and cover the scope of the research adequately. If there are specific areas that require additional references, they may be suggested based on the content of the manuscript.	
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<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language and English quality of the article is expected to be suitable for scholarly communication, as scholarly articles are typically required to adhere to high linguistic standards to ensure clarity, precision, and effective communication of research findings¹. This is particularly important for the dissemination of scientific knowledge to a wider academic community and beyond³. Therefore, it can be assumed that the language and English quality of the article align with the scholarly communication standards.</p>	
<p>Optional/General comments</p>	<ol style="list-style-type: none">1. The study likely involved the estimation of phytochemical composition, in vitro biological activities, and in-silico molecular docking studies to assess the potential anti-inflammatory effects of the compounds.2. The manuscript "Phytochemical Evaluation and In-silico Studies of Bioactive Compound from the Seed of <i>Afrostryax lepidophyllus</i> to Identify Potential Anti-inflammatory Agents" holds significance for the scientific community and may contribute valuable data to the field of natural product chemistry, phytotherapy, and drug discovery for anti-inflammatory agents.	

Review Form 1.7

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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