

Review Form 1.7

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_109885
Title of the Manuscript:	EFFECT OF THE ELECTRONIC STRUCTURE OF PARA-SUBSTITUTED BENZALDEHYDE BENZOHYDRAZONE ON ITS ANTIMICROBIAL ACTIVITY: A DFT ANALYSIS
Type of the Article	Original Research Article

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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ol style="list-style-type: none"> Other authors reported the synthesis and evaluation of several substituted aromatic hydrazones to analyze their in vitro antimicrobial activity against <i>Bacillus subtilis</i>. (Jankulovska M.S. and Dimova V. Pratical application of QSAR technique for prediction of biological activity of selected hydrazones. <i>Journal of Agricultural, Food and Environmental Sciences</i>, 2019). The title of the article is appropriate. The abstract should briefly show the objective of the investigation, the main results, and the most important conclusions. The abstract must be rewritten to make it clear. In section 3.2, dedicated to Discussion, it is necessary to initially address the results of Table 2, followed by those of Table 3, with the aim of maintaining a coherent sequence with the presentation of the data. In relation to Table 2, how does it explain the negative value (-0.695) of Beta coefficient. Although Table 4 is included, there is no clear discussion of the results in the text. Given that the compounds derived from substituted aromatic hydrazones have been previously synthesized and their in vitro antimicrobial activity against <i>Bacillus subtilis</i> has been evaluated, it would be pertinent to make a comparison between the experimentally obtained results with theoretical calculations found in this work. As a question of curiosity, the use of these methods allows predicting the solubility and stability of the compounds. Also, the possibility of tautomerism? It is necessary to examine the results obtained in the study in more detail. The references must be reviewed and unified according to the journal. Arrange keywords alphabetically. 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	The manuscript contains several typographical and grammar corrections.	
<p>Optional/General comments</p>	<p>Number the pages in the manuscript and add the corresponding line numbers. This makes it easier to review the manuscript.</p> <p>The paper literature and tense should be written based on the passive 3rd person point of view, avoiding the "we" in the text.</p> <p>Use the same font size in the manuscript.</p>	

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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>	

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