

Review Form 1.7

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_95089
Title of the Manuscript:	ADVANCES IN THE SYNTHESIS, BIOLOGICAL ACTIVITIES AND APPLICATIONS OF 1,2,5-OXADIAZOL: A BRIEF REVIEW
Type of the Article	Review

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:

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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> <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>	<p>This manuscript covers various synthetic schemes & broad pharmacological activity profile of 1,2,3-Oxadiazoles. Hence, it is important to the scientific community.</p> <p>Spelling mistake in the title should be rectified.</p> <p>1.</p> <p>2. ADVANCES IN THE SYNTHESIS, BIOLOGICAL ACTIVITIES AND APPLICATIONS OF 1,2,5-OXADIAZOLES: A BRIEF REVIEW.</p> <p>First two sentences in the abstract are same. Abstract should be re-written in the correct sentence formation & avoid usage of inappropriate words.</p> <p>Subsections & structure of manuscript is appropriate.</p> <p>Manuscript is scientifically correct.</p> <p>Recent references were included. There is no need to include additional references.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The English quality is not good in Abstract & first two paragraphs in Introduction.</p>	
<p>Optional/General comments</p>	<p>The scientific data provided in the manuscript is good. But the following corrections are strongly suggested to give benefit to the scientific community.</p> <p>Title - Spelling mistake in the title should be rectified.</p> <p>Abstract – First 2 sentences in abstract are same. Abstract should be re-written in the correct sentence formation & avoid usage of inappropriate words.</p> <p>Graphical abstract – bullet points should be given & text given should be modified to get more attention of readers.</p> <p>Main text & references – font style should be same throughout the manuscript.</p> <p>The English quality is not good in Abstract & first two paragraphs in Introduction. They should be re-written.</p> <p><i>Et al</i> should be given in italics throughout the manuscript.</p> <p>Fig.1 – suffix –e is missing in names of all compounds.</p> <p>Page 1 & 8 – NO-donor is not abbreviated in the text, but it is given as keyword in Abstract.</p> <p>Page 2 - Reference 23 is not published in 2014 as mentioned in the text.</p> <p>Compounds 11, 12, 13, 14, 15, 16, 18-29, 45, 46, 47, 48a-b, 57a-c, 59-60, 62, 65-69, 83-96 are not mentioned anywhere in the relevant text.</p>	

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	<p>Scheme 4 title – should begin with – Synthesis of</p> <p>Page 6 – Para after Scheme 4 – 2nd line - investigated per Zhilin et al Should be corrected as investigated by Zhilin <i>et al.</i></p> <p>Fig. 6 & Scheme 8 – not quoted in text.</p> <p>Page 7- Two images are starting with same name – Scheme 7. If they are continuation to each other, then they both can be given under one image.</p> <p>Page 8, last paragraph – intermediates (1-3) should be corrected as (67-69).</p> <p>Page 8, last paragraph – NMR data – signals for -CH₂- at about d 4.37 ppm should be written as - signals for -CH₂- at δ 4.37 ppm.</p> <p>Page 9 – first paragraph – alignment is not proper. It should be corrected.</p> <p>Page 9, last paragraph - Takayama et al [53], reported the synthesis 4-aryl-1,2,5-oxadiazole-3-yl <i>N,N</i>-dialkylcarbamate derivatives was synthesized from styrene. Twice synthesis is given in the same sentence. Grammatical mistake it should be corrected.</p> <p>Page 10 – Scheme 12 should begin with Synthesis of</p> <p>Page 10 – last paragraph – ‘However’ spelling mistake.</p> <p>Page 12 –Scheme 18 – ‘Synthesis de’ spelling mistake should be corrected as “Synthesis of”.</p> <p>Maximum numbers of figures are 5 only as per the “Author Instructions” given in the website. There are many figures given in the manuscript.</p> <p>References – all should be re-corrected for the following: -Italic style is not required. -Capitalization for each word should be avoided. -DOI needs not to be underlined & remove bold.</p>	
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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)
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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