



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	MS: 2013_IRJPAC_5955
Title of the Manuscript:	Biological evolution and spectral studies of asymmetrical 3,5-disubstituted-1,2,4-oxadiazoles prepared by one-pot synthesis
Type of the Article	Research Paper

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>)



SDI Review Form 1.6

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)
Compulsory REVISION comments	The article describes the synthesis 3,5-disubstituted-1,2,4-oxadiazoles and their antibacterial properties. This is unfortunately a very poorly written article full of mistakes, and errors Some of the many examples of inadequacies: 1.line 52: tetra-ethyl amine is it triethyl amine (TEA)? Few drops or what? 2. Line 54: (2) should be (3) 3.line 70: try ethyl amine is it triethyl amine? How many mols? 4. line 59 &76: J is missing, etc 5. Figure 1: all reaction conditions should put on the arrows PTSA, TEA is it Et3N or what? It is written one time is TEA and another Et3N, if it is the same please use either TEA or Et3N.	1. It is triethylamine (TEA). Few drops of TEA. 2. The numbering of compound is corrected in revised manuscript. 3. It is triethylamine used as catalytic amount/few drops. 4. J values are now given. 5. Corrected as per the suggestion. Et3N is now replaced by TEA (triethylamine).



SDI Review Form 1.6

	6. Even more concerning is that the characterization of the compounds 5a-h is questionable; please provide copies from all ^1H-NMR and ^{13}C-NMR for the products. 7. The aromatic protons in Figure 3, I don't know why is not integrated???? 8. please rewrite ordering of the characterization of the compounds in accordance with the journal (for example: m.p, IR, HNMR, CNMR, CHN analyses, and finally MS. 9. number of the compounds in the text, and the experimental section should be written with bold. 10. Optical rotation should be given since it is chiral compounds.	6. A major mistake was done by my student, while inserting the ^1H-NMR and DEPT-135 figures. We have synthesised a series of analogous compounds containing aliphatic segments. By mistake the ^1H-NMR and DEPT-135 figures of aliphatic derivatives were supplied. Data was mentioned correctly in the manuscript for aromatic derivatives. Relevant figures are inserted in the revised manuscript. Sorry for the inconvenience. 7. Figure 3 in the manuscript was wrongly inserted and replaced by relevant figure. 8. Characterization details are now ordering as per the journal's requirements. 9. Corrected. 10. Our intention is to focus much on synthetic part. We have measured antimicrobial activities. We few compounds showed comparative activity against standard drug. Hence it was thought that not to undertake the optical rotational test.
--	--	--



SDI Review Form 1.6

	11. Biology: The authors report the biological activity of the compounds in table 1. And table 2. The authors did not state the structural relationship and anti-microbial activity, I would recommend rewrite this part again. 12. There are numerous grammar and spelling errors throughout the article.	11. Detail description is now given in the revised manuscript. 12. Grammar and spelling errors throughout the article is now corrected.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	I would like to see the revised manuscript before accept it, copies of NMR spectra	