

Review of: "Synthesis and Antibacterial Screening of Cefradine Schiff Bases and Their Metal Salts"

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Potential competing interests: No potential competing interests to declare.

Dear Editor

I have gone through the manuscript and I am of the opinion that the manuscript needs to undergo major revision before it can be accepted for publication. My comments are given below. Authors are advised to go through these comments, and respond to them in detail and make necessary changes in the manuscript.

1. The usage of English needs improvement.
2. The NMR ^{13}C spectra of the compounds are missing in the paper and need not be omitted
3. The authors write: Completion of the reaction was monitored by TLC, how??? Add eluent: percent, and which technical tool was used to visualize the spots?
4. The conformations of all the rings in the structure must be quantified. The molecular structure especially the conformations, stereochemistry etc needs some explanation.
5. Include the obtained yields in scheme 1
6. Add the yields and color of each product to the physical information data in the manuscript.
7. It is important to include IR data in the characterization section, not in a table format.
8. In order to have antibacterial activity, it is crucial to specify the references or origin of the strains used.
9. Examine the activity of the most potent derivatives against the cefradine parent in dose response analyses that include multiple concentrations.

I hope the following suggestion would be helpful to the authors to improve their work