

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.

Reviewers Decision:

Revision for improvement the quality of manuscript.

Overall the manuscript is very weak and needs improvement in different parts of the work that have been highlighted as reviewer comments for consideration.

Reviewer Comments:

please first note disparity in the numbers and letters used manuscript authors list and the affiliations

1. Why the washing of crude product was done with n-hexane and not with mild polar solvent. Please provide the reason.
2. Specify the color of each product formed as part of physical info data input to the manuscript.
3. Spacing should be added which is missing in case of experimental data section.
4. J of coupling constant be provided in italics.
5. C-13 data is missing which should be added.
6. It is recommended to add mass spectral data.
7. Results and discussion section is very weak and needs a lot of improvement. It is important to mention the effect of substitutions on the Schiff base yield and ultimately on the bioactivity carried out.
8. The manuscript lacks discussion in terms of comparative effect of various metals for formation of their corresponding complexes and its ultimate effect on the bioactivity.
9. Why the metal complexes were chosen for bioactivity and not their neutral azomethine complexes.