

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.

1. The authors should explicitly justify their choice of preparing metal salts of Schiff bases rather than coordination complexes. A thorough explanation of the anticipated impact of these metal salts on antimicrobial activity compared to their respective Schiff bases is necessary. Highlight any specific properties or mechanisms believed to enhance antibacterial properties in the metal salt form.
2. The discussion of obtained results needs to be more comprehensive. Consider delving into the specific trends observed in antibacterial activity among different metal salts and Schiff bases. Discuss the possible reasons behind variations in activity and relate these findings to existing literature. A more detailed analysis of the results will contribute to a deeper understanding of the study's implications.
3. To address concerns about structural confirmation, it is essential to include additional spectroscopic analyses, such as mass spectrometry /CHN analysis. These techniques can provide valuable information for confirming the molecular structures of the synthesized compounds.
4. Need in depth discussion in introduction, result and discussion & conclusion
5. Pay attention to the clarity of language and overall structure of the article, making it accessible to a broad scientific audience.