

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.

Comments:

This paper by Mohsin Ali and collaborators describes the synthesis and characterization of a series of Schiff bases. The synthesized compounds were tested for biological activities against *Staphylococcus aureus* and *Escherichia coli*.

I think that the manuscript can be accepted after major revision following the points listed below.

1. Introduction: Add some of the previous works that used similar compounds to study the biological activities. The literature review is not acceptable.
2. What are the melting points for the new compounds? Why did the authors not record ¹³C-NMR and elemental analyses for at least some of the synthesized compounds?
3. Explain the role of metals such as Na and Ba in the biological activities of the active compounds.
4. Why do Compounds 18, 5, 11, and 27 show good activity against *S. aureus*, while compounds 5, 26, 27, 3, 13, 18, and 19 show good activity against *E. coli*? The authors should explain briefly.

Overall, the paper is potentially publishable, but there are comments as described above. I am in favor of the acceptance of this paper for publication after clarifying the points.