

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

Abeer A. Sharfalddin

Potential competing interests: No potential competing interests to declare.

The authors have reported "Synthesis and Antibacterial Screening of Cefradine Schiff Bases and Their Metal Salts". There are major points the authors need to correct in the manuscript and to answer several questions.

1. The introduction must improve; the aim of the work is not mentioned. I suggest adding more citations describing the role of metal ions and the substituted groups to enhance the biological properties of molecules such as :

- <https://www.sciencedirect.com/science/article/pii/S0167732222023479>
- <https://www.scopus.com/record/display.uri?eid=2-s2.0-85176086225&origin=inward&txGid=e7806dbd884c3dd5e765d8717770497c>
- <https://www.mdpi.com/1420-3049/27/9/2796>

1. Where are the figures for IR and NMR proton even they are not in the supported data?
2. The chemistry section: more analysis must add such the conductance, color, and the stability in room temperature.
3. The geometry of the metal complexes is important which also effects the biological potency.
4. Compare the results with previous studies especially that had the same conclusion.