

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.

First of all, I would like to thank Qeios and the editor for inviting me to review this paper.

Second, I summarized my comments in some points:

1. There is no discussion for IR spectral data.
2. The HNMR of compound 3 is missing.
3. There are not enough data or measurements to characterize the prepared compounds such as (¹³CNMR, TG/DTG, UV-Vs, magnetic momentum, mass, elemental analysis C, H, N or XRD)
4. In the experimental work, the author did not mention the source of the used chemicals, especially Cefedrine, is it pure or impure?
5. Where are the supplementary data and the spectra (Charts) of the measurements.
6. The author did not discuss the effect of the chosen metal ions or anions on the biological activity of the prepared metal salts.
7. Why the author chose these metals specifically, why not other metals.
8. There are not enough references.

I advice the authors to modify the paper, taking the mentioned comments in their consideration.