

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.

The current manuscript needs major revisions before publication.

1. How much was the percentage yield of the Schiff bases synthesized? How did authors determine its purity?
2. How did authors confirm the stability of β -lactam ring of the drug after using the harsh reaction conditions?
3. What was the cytotoxicity (IC₅₀) of the synthesized cefradine Schiff bases?
4. Any reason authors not reported ¹³C NMR data in the manuscript?
5. In introduction, comment on the reported Schiff bases of known drugs and how it improved its biological activity! What was the rationale behind the selection of imine derivatives? Will it be helpful to improve the antibacterial activity by improving drug bioavailability or enhancing drug permeation through bacterial cell membrane or anything else?
Authors did not comment on that.
6. English language used in the manuscript needs to be corrected. The author's discussion on the results obtained is vague. It should be well explained with proper citations.
7. The reference style is not uniform.