

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

Marcelo Preite¹

¹ Pontifical Catholic University of Chile

Potential competing interests: No potential competing interests to declare.

Dear Authors,

I believe your publication might be improved if you fully characterize all new compounds, including ¹H and ¹³C NMR (with their assignments), IR, and microanalyses (if not available, MS data might be acceptable as a proof of purity).

The abstract should be rewritten and reflect what is this manuscript about. Also, the bibliography could be improved, including recent examples and references, and avoiding self-citation.

The bioactivities should be compared not only to a cefradine standard, but also to some other similar, commercially available cephalosporine/s, to have a better idea of the new compound potential. It seems from the data that compounds described are no better than the standard. For currently available antibacterial compounds, the toxicity is a serious issue, and so the role of the different salts or metal complexes might play a role, which must be discussed.

The English was very understandable, imho, but I strongly feel that the manuscript contents can be improve a bit.