

Review of: "Investigation and Synthesis of Benzothiazole-Derived Schiff Base Ligand Against Mycobacterium tuberculosis"

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Potential competing interests: No potential competing interests to declare.

The manuscript entitled "Investigation and Synthesis of Benzothiazole-Derived Schiff Base Ligand Against Mycobacterium tuberculosis" addresses a very interesting topic worldwide. However, there are some inquiries that should be established before it is suitable for publication.

These points are:

1. The manuscript should be revised carefully for linguistic mistakes.
2. A series of benzothiazole-derived Schiff bases should be prepared since one compound is inadequate for publication.
3. *In-vitro* anti-TB biological evaluation should be done, and at least (IC₅₀) values of the synthesized compounds should be reported.
4. Finally, the ¹H-NMR discussion of the reported compound needs more details to make it clear and more informative. For example, the splitting manner of each signal as well as its integration should be mentioned. It should also be preferred to specify each proton to its signal. I think that, after fulfillment of the previous requirements, the manuscript will be suitable for publication.