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.

Part of the abstract Abstract: Synthesis of the aliphatic or aromatic amine reacts with an active carbonyl compound (aldehyde

or ketone) by nucleophilic addition, giving a hemiaminal solution followed by the elimination of water to form a C=N double bond (an imine) during the reflux of seven hr. at 65oC. The reaction in ethanol, equimolar amounts of 6-methyl-benzothiazol-2-ylamine and Diphenyl-methanone were combined to form the Schiff base ligand

Comment: Instead of this part of the abstract, just indicate the method used and the number of compounds synthesised. All other details will be in the method

Comment: The abstract should be succinct.

1. The synthesized compound is obtained, yielding 86%.: This statement is irrelevant at the end.
2. The figure after the corresponding authors is not labelled
3. All scientific names should be in italics
4. The production rate during MTA Schiff base ligands synthesis is 86 % : You have several ligands, so it can't be just one yield. It is therefore not clear whether it is a ligand or ligands. Can you also change production rate to yield?
5. This statement in the conclusion, Using an inexpensive chemical formula.

Can you explain further?

1. The manuscript suggests that only one ligand was synthesised, and there is no justification for synthesising only that compound, and there are no in vitro studies to complement the in silico data.