

# 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 is well-structured, and the results are original. Based on my assessment, I recommend major revision of the study.

1. The authors have only discussed a single compound; it is suggested that the authors provide other compounds of the same nature which are synthesized during the study and compare them to make the study more comprehensive.
2. The in silico studies are very preliminary. I suggest that the authors should perform the molecular dynamic simulation using software such as Amber, NAMD, etc.
3. The authors should also perform the binding free energy calculations to strengthen the claim.
4. I also recommend that the authors check the reactivity of the compound by performing the DFT calculations.