

Review of: "Design, Synthesis, and In-Silico Analysis of Thiazole-Embedded Schiff Base Derivatives for Breast Cancer Therapeutic Potential"

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Potential competing interests: No potential competing interests to declare.

Dear author,

Regarding your manuscript titled "Design, Synthesis, and In-Silico Analysis of Thiazole-Embedded Schiff Base Derivatives for Breast Cancer Therapeutic Potential"

The idea of the work is good, but the work is presented in an unsatisfactory way. There are some mistakes throughout the manuscript and it needs major revision.

For example:

Compounds **4-5** in **Scheme 1** should be corrected to **4-6**.

I'm not sure if the newly synthesized compounds are three or ten products. TZ1-3 or TZ1-10, and if they're new compounds, where is their spectroscopic data?

In comp **4**, please correct no **5**, and the same for compounds **5,6**

Assigned IR and H NMR of the new compounds are not correct and must be checked, revised, and corrected.

Unfortunately, the results are dependent on computational studies only, such as DFT and docking calculations; however, this is not sufficient to confirm the biological activity of these compounds, which may agree with the theoretical results or differ. Theoretical studies must be confirmed by in-vitro and in-vivo studies.

Furthermore, the manuscript does not include the toxicological tests required to make the results useful.