

Peer Review

Review of: "Synthesis, ADME, Toxicity, and In Silico Molecular Docking Study of Novel β -Carboline Derivatives as Potential Inhibitor Anticancer Agents"

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This article investigates two carboline derivatives as potential anticancer agents, and their ADME, toxicity, and molecular docking were also investigated. However, there are some important issues in this article that require the author to continue making improvements.

1. There are obvious issues with the title '...as potential inhibitor anticancer agents'.
2. In the abstract, the author believes that this article synthesized a series of carboline derivatives, but only two compounds have been synthesized; in addition, the author said '1H NMR, IR, and mass spectral data were used to ...', however, just one 1H NMR spectrum data has been reported in the experimental section.
3. In scheme 1, the description for the transformation conditions for compounds 3A-B is inappropriate, such as BnBr.
4. The discussion section on toxicity prediction is too simplistic, and the anticancer evaluation for these two molecules should be carried out.
5. The full characterization for target molecules should be tested and added.

In summary, there are numerous errors and issues with non-standard expressions in the present article.

Declarations

Potential competing interests: No potential competing interests to declare.