Qeios

Peer Review

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

K. N. Vennila[1]

1. Independent researcher

The authors have studied their two synthesized compounds for their inhibition of protein kinase. Docking protocols and docking scores must be verified by Staurosporine. The following queries have to be answered.

1. Explain the reason for selecting only those two derivatives for synthesis and remaining studies?
2. The docking score alone won't always determine the potency of the predicted inhibitors, and hence the term “potential inhibitor” is inappropriate in this study.
3. Further in vitro experimental data, like the MTT assay of these β-carboline derivatives, must be added to check their drug-likeness.

Declarations

Potential competing interests: No potential competing interests to declare.

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