

Review of: "Synthesis of 1, 2-Disubstituted Benzimidazoles at Ambient Temperature Catalyzed by 1-Methylimidazolium Tetrafluoroborate ([Hmim] BF₄) and Investigating Their Anti-ovarian Cancer Properties Through Molecular Docking Studies and Calculations"

Nilkanta Chowdhury

Potential competing interests: No potential competing interests to declare.

First and foremost, I would like to congratulate the authors for this innovative and attractive research work. As a perspective of a reviewer, I must add a few comments for the advancement of this research work, in my opinion, which is very crucial for the presentation of a research work in any journal.

1. In this manuscript, there is no clear "Materials and Methods" section. It should be in a clear format as it is very crucial for the reproduction of any research work. If the section named "Experimental Section" plays the role of "Materials and Methods," still, it is very much incomplete.
2. The authors should mention each method clearly along with each material, whether reagents, tools, software, etc. For example, in the Experimental section, the author has mentioned that, "The ligand-receptor interaction pictures were created using Schrödinger 2018.10 software." This is information about the *in-silico* analysis, which is too insufficient to understand this *in-silico* method of ligand-receptor interaction study.
3. Tables 3 to 5 are titled "**Table 3**. Results of molecular docking calculations of synthesized compounds (**4a-4l**)". But all the entries in these tables are **3a-3l**.
4. In Tables 4 and 5, the "Docking Score" and "Docking Energy" values have no unit information (for example, kcal/mol).