

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"

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Potential competing interests: No potential competing interests to declare.

I think that it could be accepted after a major revision.

Below are the points I think the author should consider when they revise it:

1. The nomenclature of BF₄⁻ is tetrafluoroborate, not tetrafluoroborate.
2. 6LAD is the ID of the protein in the Protein Data Bank. The authors should use the name of the protein, not just its ID.
3. On page 8, the sentence "According to Lee Pinsky's laws, the molecular mass of the drug should not be more than 500 g/mol, because the higher the molecular mass, the lower its absorption and permeability," is duplicated.
4. Are the rules of medication Lee Pinsky's rules or Le Pinsky's rules?
5. Computational chemistry and drug design methods include ab initio, DFT, semiempirical, molecular dynamics, and molecular docking, etc. The authors should emphasize their used methods.
6. The authors should mention the molecular docking more detailed in the experimental method section. How do they prepare the targets or ligands?
7. The authors discussed the ADMET properties of their molecules studied in the manuscript. They should mention how they obtained the ADMET properties in the experimental method section.