Review of: "Synthesis of 1, 2-Disubstituted Benzimidazoles at Ambient Temperature Catalyzed by 1-Methylimidazolium Tetraflouroborate ([Hmim] BF_4) 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.

The article in question is based on the synthesis of benzimidazoles under ionic liquid catalysis. There is no need to start the first sentence by describing heterocyclic molecules. In general, it is sufficient to start by stating why nitrogen-containing cyclic compounds are important. The importance of benzimidazoles is mentioned in the introduction. Ionic liquids and their usage areas are explained. However, the most important part, its catalytic effect, and how it works, is not mentioned in detail. This part should be given in more detail. It is not explained why -methylimidazolium tetrafluoroborate was chosen as the ionic liquid.

The content of the article is not fluent. The topics are not presented by linking to each other. It would be more appropriate to rearrange the introduction section more smoothly.

The synthesis procedure can be given in more detail.

It is not clear how the reaction conditions are determined in the catalytic evaluation.

Why were these solvents chosen?

The impact of the effectiveness of the catalyst according to the selected R groups should also be evaluated.

In the molecular docking section, this sentence is "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." It was written twice.