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.

To Editor

Journal of the Qeios

Dear Editorial Board Members

Greetings!

Here I am submitting my recommendations for the article entitled "**Synthesis of 1, 2-Disubstituted Benzimidazoles at Ambient Temperature Catalyzed by 1-Methylimidazolium Tetrafluoroborate ([Hmim] BF_4) and Investigating Their Anti-ovarian Cancer Properties Through Molecular Docking Studies and Calculations**",

This manuscript explains the synthesis of 1, 2-disubstituted benzimidazoles catalyzed by 1-methylimidazolium tetrafluoroborate and investigates their anti-ovarian cancer properties through molecular docking studies and calculations. The obtained results are interesting, and the manuscript is well written. However, it needs some clarity. Hence, I recommend the article for **minor revision** before publishing in the Journal of the Qeios.

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Comments

1. Justify the novelty of the present work.
2. The introduction is too long and must be rewritten to highlight the topic of the paper. The introduction should be precise and clear.
3. On page No. 8, the line is repeated twice: “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.” The author should note.
4. Which of the compounds that you synthesized is a more potential oral anti-cancer drug compared to others? Can you explain the reason?

5. The authors mention that NMR was recorded for the entire synthesized compound. It can be added in the supplementary or main part of the journal.