

# Review of: "Synthesis of 1, 2-Disubstituted Benzimidazoles at Ambient Temperature Catalyzed by 1-Methylimidazolium Tetrafluoroborate ([Hmim] BF<sub>4</sub>) 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 paper is well-written, with the author investigating the catalytic activity of ionic liquids using the widely explored scheme of benzimidazoles. However, I believe some revisions are necessary:

1. - The experimental data should be provided in detail.
2. - The introduction needs to be expanded to explain the author's interest in the topic.
3. - Characterization data should be included for authenticity.
4. - Additional information should be added to the conclusion section.
5. - Each abbreviation should be defined upon its first mention.
6. - The introduction could benefit from the inclusion of important molecules containing similar features or moieties as the compounds discussed.
7. - Detailed experimental data should be provided in the synthesis section.
8. - Experimental methods could be condensed, with some moved to supplementary materials.
9. - The manuscript contains outdated references and lacks the most up-to-date literature, requiring the authors to update the references.