

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"

Monima Sarma¹

¹ Pes University

Potential competing interests: No potential competing interests to declare.

COMMENTS

Major revision

1. There is no homogeneity in the introduction part. It should be re-written and rearranged dramatically with correlation in every paragraph.
2. Since it is a catalytic reaction, the readers would like to know the reaction mechanism with this catalyst. Also, an explanation regarding the augmentation of reaction time with increased temperature, as seen in the compounds, would be helpful for the readers.
3. Did the authors try out any other ratio other than the 1:1 ratio? If yes, what was the outcome?
4. Characterization data like mass, IR, etc., are also missing in the spectral data section.
5. In the Experimental section, nothing has been mentioned about the software and tools used for the docking studies.
6. An explanation relating the results from docking studies to anti-cancer activity would be beneficial for the readers.
7. The introduction, experimental, results and discussion, and conclusion sections should be revised substantially, and the typos and technical errors should be checked thoroughly before publication.