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"

Hamzi Imane[1]

1 University of Tlemcen

Potential competing interests: No potential competing interests to declare.

Thank you for inviting me to review 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". The paper can be improved after making the following corrections:

1. The abstract should be revised.
2. The introduction is very lengthy; it needs to be summarized.
3. EtOH is not really a green solvent. Instead, you should highlight entry 2 in Table 1, where you used H2O as the solvent, with a reaction time of 30 minutes and a yield of 71%. These conditions are excellent green conditions.
4. The discussion section on the synthesis part is very poor; it will need to be enriched by discussing the synthesis further.
5. The characterizations of the products synthesized via 1H NMR and 13C NMR are insufficient. It will be necessary to perform mass spectrometry to confirm the synthesis of the correct product.
6. The entire manuscript should be checked for language, grammar, and spelling mistakes.