

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"

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Potential competing interests: No potential competing interests to declare.

The idea and writing of the research are good, but there are some notes that should be considered to solidify the research:

- 1- Include spectral analysis of compounds such as NMR H, C13, and IR in an attached file.
- 2- The positions of the substituents for compounds i3 and 3j in Table 2 do not match the positions of the substituents in the compound in Figure 2. Make sure to verify the rest of the compounds as well.
- 3- Figure 2 illustrates the molecular docking of compound 3i, not 3j.
- 4- Clarify the method of isolating compounds 3a and a4, and whether RF was calculated.
- 5- Enhance the modernity of the sources.
- 6- Explain the role and mechanism of action of the catalyst. 7- Identify the structure and name of the protein used.