

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"

Le Tam

Potential competing interests: No potential competing interests to declare.

The manuscript developed a new method for the synthesis of 1,2-disubstituted benzimidazoles by the reaction of aromatic aldehydes and o-phenylenediamines (OPD) in the presence of 1-methylimidazolium tetrafluoroborate ([Hmim] BF₄) at ambient temperature under green conditions. There are some major revisions before publication:

1. In the experimental section, mass spectrum or elemental analysis data needs to be mentioned.
2. In the Results and Discussion section, in Table 1: Have you ever tried another ratio between water and EtOH? Have you explained that the reaction time increased when the temperature accelerated?
3. The docking study is well performed. However, the antiproliferative assay needs to be performed to confirm the results.
4. English checking is necessary before online publication.