

# 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 manuscript is well written and structured. Some changes should be made before considering it for publication, as mentioned below

## Comment 1

1. Results from reactions between different aryl aldehydes and o-phenylenediamine under optimal conditions should be further discussed.
2. <sup>1</sup>H and <sup>13</sup>C NMR data (supporting information) should be compared with the literature.
3. In an article, [Bmim]BF<sub>4</sub> was used for the synthesis of 1,2-disubstituted benzimidazoles (<https://doi.org/10.25073/2588-1140/vnunst.5407>). This article should be cited, and results should be compared.
4. On some pages, formulas of the ionic liquid are overlapped.
5. Figure 1 should be cited in the text.
6. Page ranges should be given for References 2, 31, 33, 46, 54, 68, 82.
7. Some formulas are incorrect in References 52, 55, 59, 62, 63, 69, 79, 81.