

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"

Arul Murugesan¹

¹ Jiangsu University

Potential competing interests: No potential competing interests to declare.

Comments to Authors

Qeios

Qeios ID: QNIPX3

Title: "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"

Recommendation: Accept with modification (minor revision)

Comments:

The approaches and results reported in the manuscript should be interesting for readers. The manuscript is well written, and the originality is also good. Therefore, the reviewer would like to support the publication in this journal. However, a few issues need to be addressed before final acceptance.

1. Figure 1 and schemes 1 & 2, 3 are not clear, so re-draw all compound structures using ChemDraw ACS 1996 formats.
2. ¹H-NMR (400 MHz, DMSO-D₆) should be changed to ¹H-NMR (400 MHz, DMSO_d₆), ¹³C-NMR (101 MHz, DMSO-D₆) should be changed to ¹³C-NMR (100 MHz, DMSO_d₆).
3. The FT-IR, NMR, not shown in the Supplementary file, should be data, and Mass data also needed; without this, all data will not be accepted for publication in this journal.