

# Review of: "A Novel One-Pot Three-Component Approach to Orthoaminocarbonitrile Tetrahydronaphthalenes Using Triethylamine (Et<sub>3</sub>N) as a Highly Efficient and Homogeneous Catalyst Under Mild Conditions and Investigating Its Anti-cancer Properties Through Molecular Docking Studies and Calculations"

Guozheng Huang<sup>1</sup>

<sup>1</sup> Anhui University of Technology

**Potential competing interests:** No potential competing interests to declare.

Since several recommendations have already been made by earlier reviewers, I don't want to add any more concerns that might mislead the authors.

A few suggestions from my side are:

1. Since the compounds are docked with the 3A8P protein, an introduction to the 3A8P protein and its function in cancer should be provided in the introduction section.
2. How are TLC yields calculated? TLC, as a qualitative method to monitor the process of a reaction, is not suitable for calculating the yield of a chemical reaction.
3. NMR elucidation for some synthetic compounds might be wrong, such as for **compound 4i**, "3.76 (d, J = 24.0 Hz, 6H)", that could be impossible for the two methyl groups. For **compound 4j**, "3.80- 3.70 (m, 10H)", for **compound 4l**, "1.29 – 1.17 (m, 6H)", something might be wrong. The original spectra should be re-checked.