

# 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"

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

The manuscript requires revisions, explicitly focusing on the points mentioned below.

1. Provide more details on the specific reaction conditions, such as temperature, solvent, and stoichiometry, to enhance reproducibility and facilitate comparison with existing methods.
2. Clarify the rationale behind the choice of triethylamine as the catalyst and discuss its advantages over alternative catalysts.
3. Consider including experimental data or references to support the observed anti-cancer properties of the synthesized compounds, strengthening the credibility of the findings.
4. Expand on the potential limitations or challenges associated with the proposed method, addressing factors such as scalability, substrate scope, and potential side reactions.
5. Enhance the clarity and organization of the abstract by structuring the information into distinct sections (e.g., synthesis methodology, characterization, anti-cancer evaluation) to improve readability and flow.
6. Discuss potential avenues for future research based on the findings presented in the manuscript, including potential optimizations or modifications to the synthetic method and further exploration of the biological properties of the synthesized compounds.
7. Provide a more integrated discussion of the experimental results and their implications for advancing scientific knowledge in the field of organic synthesis and drug discovery.