

# 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.

Dear Author,

This paper describes the synthesis of Orthoaminocarbonitrile Tetrahydronaphthalenes by using triethylamine under mild conditions and investigates their anti-cancer properties with computational calculations.

There are some problems that should be solved:

1. A total of 12 different compounds were synthesized, and their characterizations were determined only by proton NMR. The characterization part needs to be improved with other techniques (e.g., <sup>13</sup>C-NMR, HR-Mass, melting points, etc.).
2. When the study was examined, it was determined that the catalytic activity was high in polar protic solvents. What happens when water is used as the green solvent?
3. No adequate explanation has been made about the computational results obtained in relation to the anticancer study. The results obtained should be evaluated comprehensively and supported by the literature data.