

Review of: "A Novel One-Pot Three-Component Approach to Orthoaminocarbonitrile Tetrahydronaphthalenes Using Triethylamine (Et₃N) 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.

In Introduction

Paragraph 1 - Lines 3, 8, and 10 have (MCRs); delete the repeated ones.

Paragraph 1 - Line 12: It is worth In medicinal chemistry: - No references are included for the statement.

Paragraph 2 – Line 1 – Among the accelerators - The sentence is not relevant to the specific title.

Paragraph 2 – Line 3 – CMC – explanation required.

Line 3 – Delete more than half and specify as 67%.

Line 6 – Structure of aromatic – can be deleted (Do we have any other category?)

Line 7 – The type and size is the same as in Line 9 – the type Delete one of the sentences.

When it reached paragraph 4, the continuity mismatches.

Paragraph 4 – Has to be shortened.

In Experimental Section - General information. –

Line 4 – Chemical and etc. can be deleted (too primarily).

Line 9 Change the word specified to measured or determined.

The purification steps are not clear. Did you use TLC, column chromatography, etc.? (Add question mark)

The boiling point of EtOH is 78.37°C. It shows in Entry 14, the temperature is 80°C. How is it possible?

The authors do not give proper explanations for

1. the differences in yields of product when changing concentration, time, and temperature
2. the effect of cell permeability on relevant factors

Before claiming “ it was found that these compounds have the potential to become an oral anti-cancer drug,” the material toxicity studies have to be done.