



**SDI Review Form 1.6**

|                          |                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------|
| Journal Name:            | <a href="#"><u>Journal of Advances in Medical and Pharmaceutical Sciences</u></a> |
| Manuscript Number:       | <b>Ms_JAMPS_24351</b>                                                             |
| Title of the Manuscript: | <b>Four Compounds Suppressing Growth of Mycobacterium tuberculosis</b>            |
| Type of the Article      | <b>Original Research Article</b>                                                  |

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



**SDI Review Form 1.6**

**PART 1: Review Comments**

|                                     | Reviewer's comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compulsory</b> REVISION comments | <p>Line 71. Bacterial culture. Please mention the wave lengths used.</p> <p>Line 80. Please mention the percentage of ADC used</p> <p>Line 88. The solvent used to prepare the compounds solutions must be mentioned. When it is an organic solvent data for solvent activity must be presented.</p> <p>Line 94. Instead of the volume of Mtb used an estimate of the bacteria challenged should be presented.</p> <p>Line 101. If the procedure followed is the one described in 2.3.3. it should be clearly written. If it is another a reference should be inserted.</p> <p>Line 154. Instead of etc the properties determined should be specified.</p> <p>Fig 2 and 3. A break in the Y bar should be done in order to allow the analysis of the data by the reader. The difference in the results obtained for high and low drug concentrations is huge and cannot be shown with the scale presented. Another option is to present the data in tables.</p> <p>Line 278. "Tremendous bacterial inhibition...." This is not a scientific way of describing the results although it is true. Since the data is already acquired the authors should use it to calculate the MBC50 or 90 and use it instead of tremendous inhibition.</p> | <p>Line 71 has wavelength inserted at line 78.</p> <p>Line 80 has protocol for ADC.</p> <p>Line 89 has water as solvent.</p> <p>Line 94 has "bacteria at equal amount for 10 ul injection" is common for this use.</p> <p>Line 101 has been given reference [23]to explain protocol for luminescence.</p> <p>Line 154 has listed properties determined.</p> <p>Figure 2 and 3 are legible and the large change in concentrations can be interpreted. I do not want a break in either axis, as the graphs are interpretable and readers can make estimations easily as they are. Any breaks in axis will only cause confusion and make the graphs less interpretable. I do not add break in axis.</p> <p>Line 278 the word "tremendous" is removed.</p> |
| <b>Minor</b> REVISION comments      | <p>Line 95 -96. Bacterial survival cannot be determined by measuring the turbidity at 600nm. Both live and dead bacteria will contribute for the value. Since the authors performed the assays nicely by luminescence and CFU enumeration I would remove the text from line 95-96.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>Text referring to turbidity measurement at 600 nm was removed.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Optional/General</b> comments    | <p>It is a very important field of research and the compounds are very promising.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p><b>I thank the Reviewer for the comment.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |