Reviewer’s report

Title: PAMs Inhibits Monoamine Oxidase A Activity and Reduces Glioma Tumor Growth, a Potential Adjuvant Treatment for Glioma

Version: 0 Date: 16 Mar 2020

Reviewer: A.H.M. Khurshid Alam

Reviewer’s report:

The findings of manuscript are interesting but need to solve the following queries before being submit the revised manuscript.

1. IC50 of PAMs is 80.0 μg/mL in GL-26 cells and 112.1 μg/mL in LNCaP cells, but 50 μg/ml of PAMs showed significant activity. Author needs to clarify it

2. Author could check the GC mass for identify the compounds present in the sample

3. Author provided evidence that NF-κB is a key transcription factor for the proliferation and survival of glioma cells. Therefore, it is necessary to check the effect of the sample on transcriptiton and translation level of NF-κB.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics
Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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