Reviewer’s report

Title: Ethanolic extract of Streblus asper leaves protects against glutamate-induced toxicity in HT22 hippocampal neuronal cells and extends lifespan of Caenorhabditis elegans

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Reviewer: Woong Mo Yang

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Ethanolic extract of Streblus asper leaves protects against glutamate-induced toxicity in HT22 hippocampal neuronal cells and extends lifespan of Caenorhabditis elegans

The manuscript described the longevity and neuroprotective effect of S. asper leaf extracts (SA-EE) against glutamate oxidative toxicity and the underlying mechanism. Although the experiments seem interesting but minor issues should be revised.

In Abstract, the contents of 'Background' need to be summarized.

In Methods section, it is recommended to include the reference for concentration (1 mM) of H2O2.

In figure 1B, significance sign is missing.

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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