Reviewer's report

Title: Effects of kolaviron on hepatic oxidative stress in streptozotocin induced diabetes

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Reviewer: Dnyaneshwar M Nagmoti

Reviewer's report:

The authors demonstrated the protective effects of kolaviron on hepatic oxidative stress in streptozotocin induced diabetes. The present study was well investigated. To improve the quality of this paper, the authors should revise it according to the following suggestions.

HPLC abbreviation is high performance liquid chromatography; however, the authors mentioned it as a High performance lipid peroxidation.

In materials and methods section: the yield of kolaviron from ethylacetate extract was not reported.

Page no.4 line no 131, the volume of the sample (5 L), sodium phosphate (170 L), and hydrogen peroxide (50 L) sholud be verified. Similarly in glutathione status analysis assay.

Some abbreviations were not reported such as AAPH, DETAPAC etc.

The study can also take the support of histopathological analysis of liver tissues of experimental rats’ to confirn the hepatoprotective effect of KV in diabetic rats.

Hepatic injury biomarkers such as alanine aminotransferase (ALT), aspartate aminotransferase (AST), alkaline phosphatase (ALP), gamma glutamyl transferase (GGT), and bilirubin was not reported.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests.