Reviewer’s report

Title: Identification of cryptolepine metabolites in rat and human hepatocytes and metabolism and pharmacokinetics of cryptolepine in Sprague Dawley rats

Version: 0 Date: 13 Mar 2017

Reviewer: Kawa Dizaye

Reviewer's report:

It was an interesting and good work.

Notes:

Page 4 line 8

Change:

Stell et al. to Stell et al. (2012)

Kuntworbe et al. to Kuntworbe et al. (2013)

Page 10 line 22

Change:

Stell et al. to Etell et al. to Stell et al. (2012)

Page 11 Kine 32

Kuntworbe et al. to Kuntworbe et al. (2013)

Page 11

Line 35-37

Based on this data and our new rat pharmacokinetic data, cryptolepine is likely to extensively distribute in human,

Based on this data and our new rat pharmacokinetic data, cryptolepine and its metabolite products are likely to extensively distribute in human,

Most probably the antimalarial activity of cryptolepine is related to its active metabolites

References 1, 14 and 24
Instead of et al at least 5 Authors should be written

Page 13 line 3

Note:

ADF, CA, CR, DP and AC performed the statistical analysis. However no statistical analysis have been shown in the manuscript?

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:

Acceptable
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