Reviewer's report

Title: Induction of cell cycle arrest and apoptosis in MCF-7 cells by Dillenia suffruticosa root extract via reactive oxygen species formation and multiple signaling pathways

Version: 2
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Reviewer: Mohammad Rahmati Yamchi

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Major Compulsory Revisions:
1. In page 7, lines 6 & 22: using 0.3% of DMSO is so high and it must be less than 0.1%. I don't know why author used this concentration because it has cytotoxic effects.
2. Page 21, lines 1 & 2: The author couldn't write about induction of oxidative stress by DCM-DS in MCF-7 cells because they result showed that the role of ROS was unclear.
3. The therapeutic dosage normally is very less than IC50. The most IC50 was 25ug and I don't know why did the author use 50ug dose to study?

Minor Essential Revisions:
1. The author could use "total extract" instead "extract" at the whole body of text.
Page 20, 7 & 9: "nf-kb" must be correctd.

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

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

There is no competing interests.