Reviewer’s report

Title: Identification of a novel S6K1 inhibitor, rosmarinic acid methyl ester, for treating cisplatin-resistant cervical cancer

Version: 0 Date: 08 Apr 2019

Reviewer: Dong-Dong Li

Reviewer's report:

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This manuscript seems very simple. One novel S6K1 inhibitor rosmarinic acid methyl ester was identified, and can be effective for the treatment of cisplatin-resistant cervical cancer. In my opinion, the paper comes in several issues as follows:

1. Surflex-Dock had been reported for performing not well in virtual screening when comparing other popular docking algorithms such as Glide, or GOLD. I can't agree with these virtual results.

2. What is the compound KR_CT_11? You should paste the chemical structure in your paper.

3. Why did RA not affect the S6K1-mediated phosphorylation of S6 (seen in Figure 2)? It is confused by the addition of methyl ester, which can lead to the decrease of its biological activities.

4. The compound library is too small.

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

No

Does the work include the necessary controls?
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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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