Reviewer’s report

Title: Anti-thrombotic effects of alpha-linolenic acid isolated from Zanthoxylum bungeanum maxim zeeds

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Reviewer: Jung-Jin Lee

Reviewer’s report:

In this manuscript, Yang et al. investigated the antithrombotic activity of #-linolenic acid. Overall activity experiments are well designed and performed. However, some revisions are necessary to improve the results. Comments concerning the paper are as followed.

Minor comments:

1. Material methods are very short; these methods are difficult to understand. Please supplement the experimental details, such as, an exact product source of ‘related kit’ and experimental detail in the description of ‘Hemorrhage and coagulation time’, and the experimental detail for understanding of ‘Thrombus formation analysis’.

2. In Figure legends, please describe the legend of Figure 4.

3. In Figure 3a-e, please mark significance of all kind of group including aspirin group.

Level of interest: An article of limited interest

Quality of written English: Acceptable

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.