Reviewer suggestions and corrections:

Dear reviewer,

We have done the corrections, changes, improvements as suggested by you. The corrections have been mentioned in bold letters.

Kindly go through it.

Thanking you.

Reviewer 2-

Panche, et al. describes natural product derived multi-target β-protease inhibitors from A. paniculata. It is interesting that chromone based phenolic compounds show unique activity against AchE, BChe, and BACE-1. However, I find serious issues throughout the manuscript. Please address the following concerns.

1. Figure 1. Remove all H atoms. It is quite disturbing the way structures have drawn.
   - Removed the hydrogen bonds

2. Authors have not discussed the target specificity of the molecules (No assay data or experiment results against other representative proteases).
   - To our knowledge these molecules have not been studied for the representative proteases, hence could not discuss.

3. Page 5, reference 69. What is the rationale behind this reference? I don't find it is a suitable reference here. Instead, reference 69 should be located where you mentioned reference 71.
   - It was a mistake happened due to numbering mistake. The corrections are made in the referencing.

4. Reference 71 on page 9: Authors should carefully go through the references and cite them as it is necessary. Also, I believe the following reference should be included in the manuscript.
   - Carefully reviewed the references, cited and added the reference mentioned by the reviewer.

5. Fig 2, Fig. 3 and Fig 4. I can't gather any useful information from those figures. Authors should provide detailed docking information (closet view of inhibitor and active site. And interacting atoms of inhibitor and amino acid side chains).
   - Figures were changed and new figures with details of active site and inhibitor binding are highlighted.

6.Page 9. Lipophilicity (CLogP) is a better representation than "octane/water partition coefficient".
   - Changed to Lipophilicity (CLogP).

7. IC50 should be written as IC_{50}.
   - All changes made in the complete manuscript.