Review of: "Design and Molecular Screening of Various Compounds by Molecular Docking as BACE-1 Inhibitors"

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Potential competing interests: No potential competing interests to declare.

The manuscript is well-written and gives good insight into the mechanism of action and SAR of the most promising BACE-1 inhibitors. These inhibitors have proven to be highly useful for targeting Alzheimer's disease; therefore, articles discussing the subject are highly desirable among the medicinal community.

I suggest the following corrections:

1. Figure 3: Improvement of the quality of the image. It would be better to replace it with an image where we can observe the interactions of the residues mentioned in the text.
2. Figure 15: The residues aren't visible.
3. In Figure 18: We observe that the nitrile group is responsible for the formation of hydrogen bonds with Arg128. This point needs to be highlighted because it needs to be taken into consideration in the future for the elaboration of other inhibitors.