

## OPEN PEER REVIEW REPORT 2

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**Comments to authors:**

1. P8, the expression of "TMP269 contributed to abnormal endothelial cell permeability" is not proper. From the description, TMP269 actually counteracted the abnormal endothelial cell permeability.
2. Figure 2: there is no I/R group in the pictures of brain tissue. It is different between MCAO and I/R group, why not use I/R group as shown in other figures?
3. Table 1: there is no Sham group.
4. The effects of 10 and 16 mg/kg TMP269 were not good as 4 mg/kg. These should be discussed.
5. Some format errors, such as  $P < 0.05$  should be  $P < 0.05$ , 4mg/kg should be 4 mg/kg.