

Supplementary Materials: Anti-Inflammatory and Immuno-modulatory Effects of the *Grifola Frondosa* Natural Compound *o*-Orsellinaldehyde on LPS-Challenged Murine Primary Glial Cells. Roles of NF-Kb and MAPK.

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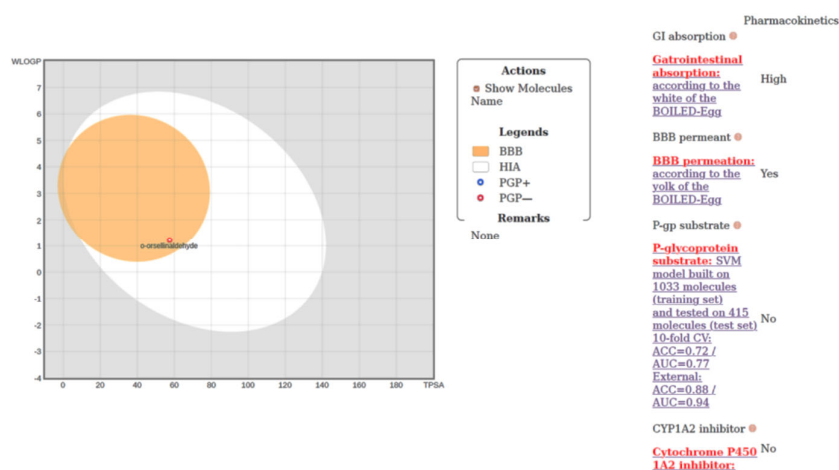


Figure S1. *o*-orsellinaldehyde is able to cross blood-brain barrier. The SwissADME web tool was used to predict the ADME parameters of the *o*-orsellinaldehyde molecule (right-side). Additionally, the BOILED-Egg method was used to predict blood-brain barrier (BBB) permeation (left-side). As can be seen in the image, due to its physicochemical properties, *o*-orsellinaldehyde is located in the “yolk” region of the picture (orange region), which indicates that, theoretically, it is able to permeate through the BBB. (source: <http://www.swissadme.ch/index.php>; accessed date 1/02/2021).