

ABSTRACT

The present disclosure relates to a novel indenone derivative or an isomer or pharmaceutically acceptable salt thereof, and use thereof. The indenone derivative according to the present disclosure may be effectively used for the prevention or treatment of a neurodegenerative brain disease by (i) inhibiting amyloid-beta aggregation and/or disaggregating amyloid-beta aggregates, (ii) inhibiting tau protein aggregation and/or disaggregating tau protein aggregates, and/or (iii) inhibiting the hyperphosphorylation of tau protein.

FIG. 1