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(54) Title: NAPHTHOQUINONE DERIVATIVES AS INHIBITORS OF TAU AGGREGATION FOR THE TREATMENT OF ALZHEIMER'S AND RELATED NEURODEGENERATIVE DISORDERS

(57) Abstract: Provided are naphthoquinone-type compounds which can be used to modulate the aggregation of protein (e.g. tau) associated with neurodegenerative disease (e.g. Alzheimer's disease). Structure-function characteristics for oxidised and reduced naphthoquinone-type compounds, such as menadione-related compounds, are disclosed. The invention further provides methods of treatment or prophylaxis of neurodegenerative diseases and/or clinical dementias based on the compounds.



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