



## CINNAMON EXTRACT USEFUL FOR INHIBITING THE AGGREGATION OF TAU AND TREATING ALZHEIMER'S DISEASE

SEEKING PARTNERS FOR LICENSE AND COLLABORATION

*An extract of common cinnamon that contains a class of small organic molecules that inhibit several key processes in Alzheimer's disease*

### Suggested Uses

- Therapeutics to slow or prevent Alzheimer's disease

### Advantages

- potent inhibitor of tau aggregation;
- orally available;
- non-toxic;
- water soluble; and
- readily produced in large quantities.

### Detailed Description

**BACKGROUND:** Alzheimer's disease currently affects over 5 million people in the United States and a new case develops every 72 seconds.

While the cause of Alzheimer's disease is not known, age is the greatest risk factor. Nearly half of persons over age 85 have Alzheimer's disease. Due to the growing population of seniors in the U.S., it is predicted that 16 million people will have Alzheimer's disease by the year 2050.

There is currently no known cure or preventative treatment for Alzheimer's disease.

**DESCRIPTION:** Researchers at the University of California, Santa Barbara have discovered an extract of common cinnamon that contains a class of small organic molecules that inhibit several key processes in Alzheimer's disease.

The cinnamon extract inhibits the aggregation of tau and disassembles fibers that have already formed, suggesting that neurofibrillary tangles

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can possibly be reversed by these compounds.

The extract exhibits potent inhibitory activity, is orally available, water-soluble, non-toxic, and the bioactive molecules are likely brain permeable. The extract is readily produced in large quantities and can be encapsulated in powder form for oral administration. These properties make the cinnamon extract a highly

favorable substance for development into an effective therapeutic to slow or prevent Alzheimer's disease.

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<http://www.Ibridgenetwork.Org/Ucsb/Cinnamon-extract-useful-for-inhibiting-the-aggregation-of-tau>

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