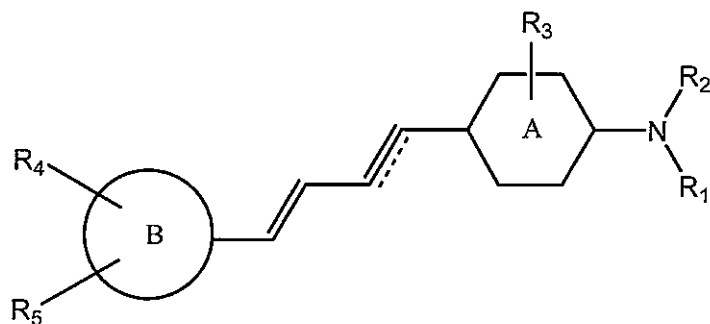


Abstract

The present invention provides a compound represented by the following formula (I), a pharmaceutically acceptable salt thereof, or a solvate thereof.

[Formula 1]



Formula (I)

wherein:

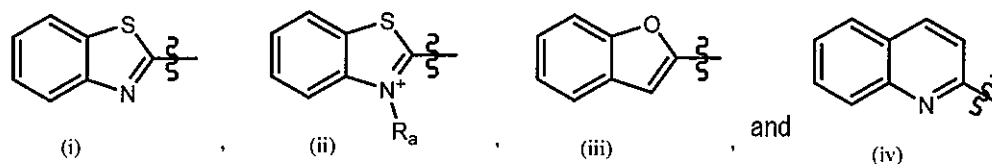
R_1 and R_2 are each separately selected from the group consisting of hydrogen, alkyl, alkenyl, acyl, and hydroxyalkyl;

R_3 is hydrogen or halogen;

ring A is a benzene ring or a pyridine ring;

ring B is selected from the group consisting of the following formulas (i), (ii), (iii), and (iv):

[Formula 2]



;

in the formula (ii), R_a is alkyl;

R_4 and R_5 are each separately selected from the group consisting of hydrogen, hydroxy, alkoxy, haloalkoxy, halohydroxyalkoxy, and aminoalkyl;

[Formula 3]



represents a double bond or a triple bond. The above compound can be used as a molecular probe for imaging tau proteins that accumulate in the brain.