

ABSTRACT

An object of the present invention is to provide a probe for imaging a β -sheet structure protein which can be used for the diagnosis of conformational diseases, particularly disease (tauopathy) having a cardinal symptom such as intracerebral accumulation of tau protein, for example, Alzheimer's disease. Another object of the present invention is to provide a compound which is highly specific to tau and can image tau with satisfactory sensitivity, and also has high brain transition, low or non-recognized bone-seeking properties and low or non-recognized toxicity.

According to the present invention, the above problems are solved by providing a compound of a formula I (wherein A, R^1 , R^2 , R^3 , R^4 , R^5 , R^6 , R^a and R^b are as defined in the present description) or a pharmaceutically acceptable salt or solvate thereof.



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