

Abstract

Disclosed in the invention are a type of compounds having activity of activating 5'-adenosine monophosphate-activated protein kinase (AMPK), a method for the preparation thereof, a pharmaceutical composition comprising the same, and use of these compounds in the manufacture of a medicament for reducing fatty acid synthesis, for inhibiting triglyceride and cholesterol synthesis, for preventing and/or treating obesity and type II diabetes, for preventing and/or treating tumor, for preventing and/or treating Parkinson's disease, for preventing and/or treating Alzheimer's disease or for prolonging the lifespan of mammals:

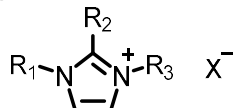


Fig. 1