

### Abstract

A N-heterocyclic five-membered ring-containing capsid protein assembly inhibitor, and a pharmaceutical composition and use thereof, specifically relating to a compound as represented by formula I, a stereoisomer, a tautomer, a geometrical isomer, a solvate, an active metabolite, a hydrate, a prodrug or a pharmaceutically acceptable salt thereof, a pharmaceutical composition thereof, and a medical use thereof. The medical use comprises the use in treating diseases benefiting from the capsid protein assembly inhibitor, and in particular, diseases caused by hepatitis B virus infection.

