

5-HT_{2A} RECEPTOR INVERSE AGONIST, AND PREPARATION METHOD THEREFOR AND USE THEREOF

Abstract

The present invention relates to a new compound as a 5-HT_{2A} receptor inverse agonist, a preparation method therefor and a pharmaceutical composition. The present invention further relates to the use of the compound or the pharmaceutical composition in the preparation of a drug for treating 5-HT_{2A} receptor-related diseases. The diseases include non-motor symptoms caused by Parkinson's disease: delusions, hallucination, depression, anxiety, cognitive impairment and sleep disorders; dementia-related mental diseases; severe depression; or negative symptoms of schizophrenia, etc.

[Fig.1]