

ABSTRACT

TETRACYCLIC PYRIMIDINONE COMPOUND, PREPARATION METHOD THEREFOR, AND COMPOSITION AND USE THEREOF

Disclosed is a tetracyclic pyrimidinone compound represented by formula (I) or a pharmaceutically acceptable salt thereof. The compound having a structure represented by formula (I) is a new Lp-PLA2 inhibitor usable for treatment of neurodegenerative-related diseases, such as Alzheimer's disease (AD), glaucoma and age-related macular degeneration (AMD), or of cardiovascular diseases including atherosclerosis.