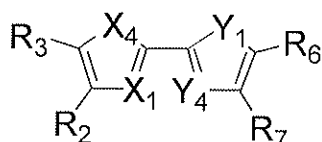


**2-THIOPHEN-2-YL-OXAZOLE, 2-THIOPHEN-2-YL-THIAZOLE AND
2-THIOPHEN-2-YL-1H-IMIDAZOLE DERIVATIVES AS ANTIVIRAL
AGENTS AND THE USE THEREOF**

Abstract

The present invention provides small molecule compounds of bisheterocycle in tandem having the structural formula of



This compound may effectively inhibit the replication of influenza virus, the DNA replication of hepatitis B virus (HBV), and the formation of HBsAg and HBeAg. These compounds can be used for the preparation of a medicament for viral diseases, and may overcome the limitations of the known nucleosides drugs, including cytotoxicity, the requirement of other drugs having different structures for against the drug-resistant virus variants induced by long-term therapy. The structure of the compounds according to the invention is relatively simple and easy to be prepared.