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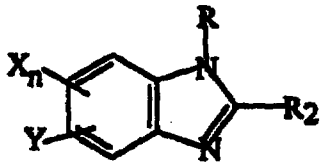
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(54) Title: A PHARMACEUTICAL COMPOSITION CONTAINING BENZIMIDAZOLE FOR INHIBITING THE GROWTH OF CANCERS

(57) Abstract

A pharmaceutical composition for the treatment of leukemia in mammals is disclosed. The particular fungicide used is a benzimidazole derivative of formula (I) wherein X is hydrogen, halogen, alkyl of less than 7 carbon atoms or alkoxy of less than 7 carbon atoms; n is a positive integer of less than 4; Y is hydrogen, chlorine, nitro, methyl or ethyl; and R is hydrogen or an alkyl group having from 1 to 8 carbon atoms, and R_2 is 4-thiazolyl or NHCOOR$_1$ wherein R_1 is aliphatic hydrocarbon of less than 7 carbon atoms or the pharmaceutically acceptable inorganic or acid addition salts thereof. A pharmaceutical composition that inhibits the growth of tumors and cancers in mammals and can be used to treat viral infections that comprises a fungicide in combination with chemotherapeutic agents is disclosed. The particular fungicide used is a benzimidazole derivative. Potentiators can also be included in the composition.



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