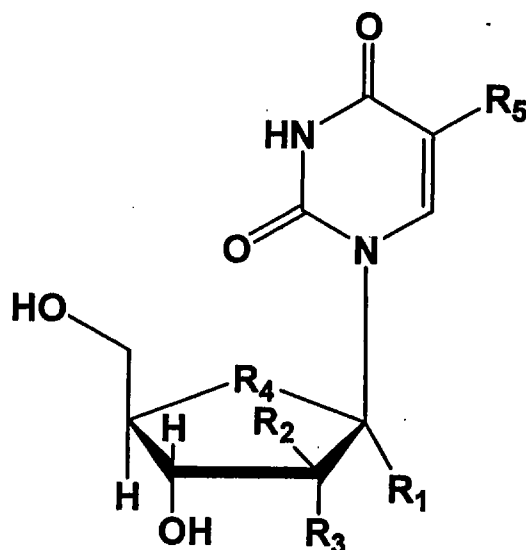




Abstract

An agent which comprises, as an active ingredient, a radiolabeled compound as represented by the following formula or a pharmaceutically acceptable salt thereof:



5 wherein R_1 denotes hydrogen, or a linear- or branched-chain alkyl group having 1-8 carbon atoms, R_2 denotes hydrogen, hydroxyl or a halogen substituent, R_3 denotes hydrogen or fluorine substituent, R_4 denotes oxygen, sulfur, or a methylene substituent, and R_5 denotes a radioactive halogen substituent.

The agent is stable *in vivo*, and either stays in cells or is incorporated in DNA,
10 thus serving for diagnosis of tissue proliferation activity or treatment of proliferative disease.