

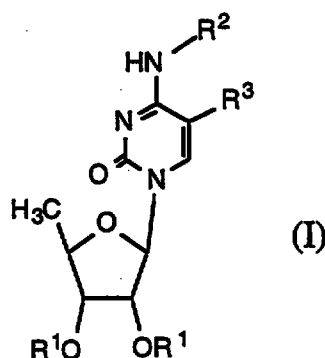
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Abstract

Novel 5'-deoxy-cytidine derivatives represented by the general formula (I)

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wherein R¹ is a hydrogen atom or a group easily hydrolyzable under physiological conditions; R² is a hydrogen atom, or -CO-OR⁴ group [wherein R⁴ is a saturated or unsaturated, straight or branched hydrocarbon group consisting of one to fifteen carbon atoms, or a group of the formula -(CH₂)_n-Y (in which Y is cyclohexyl or phenyl; n is an integer from 0 to 4)]; R³ is a hydrogen atom, bromo, iodo, cyano, a C₁-4 alkyl group [which may be substituted with halogen atom(s)], a vinyl or ethynyl group [which may be substituted with halogen atom(s), C₁-4 alkyl, cycloalkyl, aralkyl, or aromatic ring which may have one or more hetero atom(s)], or an aralkyl group which may be substituted for use in medical therapy, especially tumor therapy.

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