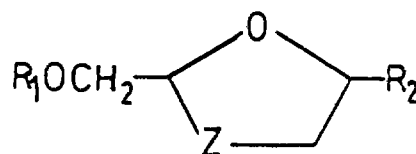


SUBSTITUTED-1,3-OXATHIOLANES
WITH ANTIVIRAL PROPERTIES

5

ABSTRACT

Disclosed are compounds of the formula



10

wherein R_1 is hydrogen; a C_{1-16} alkanoyl group, a benzoyl group or a benzoyl group substituted by at least one halogen, C_{1-6} alkyl, C_{1-16} alkoxy, nitro or trifluoromethyl group;

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R_2 is a purine or pyrimidine base or an analogue or derivative thereof;

Z is S, S=O or SO₂; and

pharmaceutically acceptable salts thereof, with the proviso that when R_2 represents cytosin-1'-yl and the 1,3-oxathiolane is in the form of the cis-isomer, Z is selected from S=O and SO₂.

Also described are use of the compounds as antiviral agents, pharmaceutical formulations, and methods for the preparation of the compounds.

No fig.