

Title (en)
CYCLIC KETAL DERIVATIVES.

Title (de)
CYCLISCHE KETALE.

Title (fr)
DERIVES CYCLIQUES D'ACETAL.

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Abstract (en)
[origin: WO9212158A1] Compounds are described of formula (Ia), (Ib), wherein R<1> represents a hydrogen atom, a hydroxyl group or a group selected from -OCOCH=CHCH(CH₃)(CH₂)₃CH₃, -OCOCH=CHC(CH₃)=CHCH(CH₃)CH₂CH₃ or -OCO-X-CH₂CH(CH₃)CH₂CH₃ [where X is -CH=CHCH(CH₃)-, -CH₂CH(OH)CH(CH₃)-, -CH=CHC(OH)(CH₃)-, -CH₂CH(OH)CH₂- or -CH₂CH₂CH(CH₃)-]; R<2> represents a hydroxyl group, a group -OCOR<7> or a group -OCO₂R<7> (where R<7> is a group selected from C1-8alkyl, aryl, arylC1-4alkyl and C3-8cycloalkyl); R<3> represents a group selected from (a) (where R<8> is a hydrogen atom or an acetyl group), -C(CH₃)=CHCH(CH₂R<9>)CH₂Ph (where R<9> is a hydrogen or a hydroxyl group), -C(CH₂OH)=CHCH(CH₃)CH₂Ph, -C(=CH₂)CH(OH)CH(CH₂OH)CH₂Ph, -C(=CH₂)CH(NHCOCH₃)CH(CH₃)CH₂Ph, -C(CH₂NHCOCH₃)=CHCH(CH₃)CH₂Ph and (b); R<4>, R<5> and R<6> may each independently represent a hydrogen atom or a methyl group; and salts thereof. These compounds inhibit the enzyme squalene synthase and/or are intermediates for the preparation of compounds which inhibit the enzyme squalene synthase. Compounds of the invention may be formulated for use in a variety of conditions where a lowering of the level of blood plasma cholesterol in animals would be beneficial and for use in combating fungal infections in animals.

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