ABSTRACT

PHARMACEUTICAL COMPOSITIONS

New derivatives of N^3-D-*trans*-2,3-epoxysuccinamoyl-L-2,3-diaminopropanoic acid of formula (1)



$$R_1NHCH(COR_2)CH_2NHCOCH\text{-}CHCONH_2 \qquad (1)$$

wherein R_1 is hydrogen;

or R_1 is the residue of an amino acid selected from L-valine, L-norvaline, L-leucine, L-isoleucine, L-norleucine, L-methionine, L-lysine, L-2-aminobutanoic acid, L-aspartic acid and L-glutamic acid;

or R_1 is the residue of a dipeptide selected from L-norvalyl-L-norvaline, L-lysyl-L-norvaline, L-methionyl-L-norvaline, L-glutamyl-L-norvaline, L-norvalyl-L-methionine, L-methionyl-L-methionine, L-leucyl-L-norvaline, L-norleucyl-L-norvaline, L-valyl-L-norvaline, L-glutamyl-L-leucine, L-asparginyl-L-norvaline and L-leucyl-L-leucine;

wherein R_2 is hydroxyl;

or R_2 is the residue of an amino acid selected from L-alanine, L-methionine, L-valine, L-norvaline, L-leucine, L-isoleucine, L-norleucine and L-2-aminobutanoic acid;

with the provisos that when R_1 is hydrogen then R_2 is an amino acid residue and that when R_1 is an amino acid residue or a peptide residue then R_2 is hydroxyl;

the derivative optionally being in the form of a physiologically acceptable salt thereof;

are of value as antimicrobial agents, particularly as antifungal agents, especially in relation to *Candida albicans*.

This Sheet Has Been Replaced

