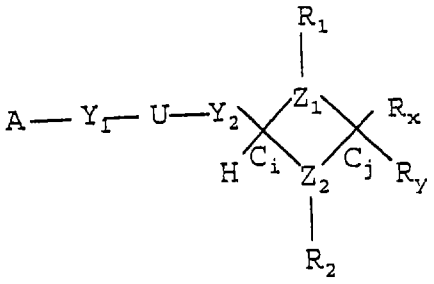
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ABSTRACT

DUAL MOLECULES CONTAINING A PEROXIDE DERIVATIVE, SYNTHESIS AND THERAPEUTIC APPLICATIONS OF SAID MOLECULES

The invention relates to dual molecules formed from coupling products complying with the formula



wherein

-A represents a residue of molecule with anti-malarial activity,

-Y_1 and Y_2, represent a linear or ramified alkylene chain at C1 to C5, with the possibility of either Y_1 or Y_2 being absent,

-U is an amine, amide, sulphonamide, carboxyl, ether or thioether function, said function linking Y_1 and Y_2,

-Z_1 and Z_2, represent a linear arylene or alkylene, with the possibility of either Z_1 or Z_2 being absent, or Z_1 + Z_2 together represent a polycyclic structure including the junction carbons Ci and Cj,

-R_1 and R_2, represent a hydrogen atom or a functional group capable of increasing the hydrosolubility of the dual molecule,

-R_x and R_y form a cyclic peroxide with 4 to 8 chain links, Cj being one of the peaks of said cyclic peroxide, or

-R_x or R_y is a cyclic peroxide with 4 to 8 chain links, which may comprise 1 or 2 additional oxygen atoms in the cyclic structure, and one or more substituents R_3, identical or different, at least one representing a halogen atom, an -OH group, a $-CF_3$ group, an aryl, an alkyl or alkoxy at C1 to C5,$-NO_2$, the other substituent(s) having one of these correspondences or a hydrogen,

and their addition salts with pharmacological acceptable acids.

Application as medicinal products with anti-malarial activity.

(No figures)