Abstract

Benign pigmented moles of the skin or mycosis pedis or nail fungus can be treated with locally applicable, in particular topically formulated active ingredients of formula (I), in which formula (I) X represents CO, CHOZ or CHNRZ, Z being selected from hydrogen; straight-chain and branched (C_1-C_6) alkyl; straight-chain or branched (C_2-C_6) alkenyl; straight-chain or branched (C_2-C_6) alkynyl; (C_3-C_8) cycloalkyl; (C_6-C_{24}) aryl; (C_7-C_{24}) aralkyl; m- and p-$CH_2(C_6H_4)COOM$; COR^3; CSR^3; $C(NR^6)R^3$; SOR^4; SO_2OM; $SO_2NR^7R^8$; SO_2O-artemisinyl; SO_2NH-artemisinyl; POR^4R^5 and PSR^4R^5; wherein R^3 is straight-chain or branched (C_1-C_6) alkyl; straight-chain or branched (C_1-C_6) alkoxy; straight-chain or branched (C_2-C_6) alkenyl; straight-chain or branched (C_2-C_6) alkynyl; (C_3-C_8) cycloalkyl; (C_6-C_{24}) alkyl; (C_1-C_{10}) aryloxy; (C_7-C_{24}) aralkyl; -$(CH_2)_n$-COOM, with n as an integer of from 1 through 6; or 10α-dihydroartemisinyl; R^4 and R^5 are selected independently of one another from straight-chain or branched (C_1-C_6) alkyl; straight-chain or branched (C_2-C_6) alkenyl; straight-chain or branched (C_2-C_6) alkynyl; (C_3-C_8)cycloalkyl; (C_6-C_{24}) aryl; (C_7-C_{24}) aralkyl; OM; straight-chain or branched (C_1-C_6) alkoxy; (C_6-C_{10}) aryloxy and NR^7R^8; R^6 is selected from straight-chain or branched (C_1-C_6) alkyl; straight-chain or branched (C_2-C_6) alkenyl; straight-chain or branched (C_2-C_6) alkynyl; (C_3-C_8) cycloalkyl; (C_6-C_{24}) aryl and (C_7-C_{24}) aralkyl; M is hydrogen or a pharmaceutically acceptable cation; and R^7 and R^8 independently of one another are hydrogen or straight-chain or branched (C_1-C_6) alkyl, or R^7 and R^8 together form a (C_4-C_6) alkylene bridge; and R is selected from hydrogen and the groups listed for R^6 . These compounds are also effective in the prevention of acquired nevus cell nevi.