

Title (en)

USE OF AN ISOTHIOCYANATE, A THIOCYANATE OR A MIXTURE THEREOF AS DEPIGMENTING AGENT

Title (de)

VERWENDUNG EINES ISOTHIOCYANATS, EINES THIOCYANATS ODER IHRER MISCHUNG ALS HAUTDEPIGMENTIERUNGSMITTEL

Title (fr)

UTILISATION D'UN ISOTHIOCYANATE, D'UN THIOCYANATE OU DE LEUR MELANGE EN TANT QUE DEPIGMENTANT

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Application

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Abstract (en)

[origin: FR2820036A1] The invention concerns the use if isothiocyanate of general formula (I): $R_1-N=C=S$ wherein: R_1 represents an alkyl, alkenyl, alkynyl, aryl, acetyl, alkylcarbonyl, alkoxy, cycloalkyl, aryloxy, arylcarbonyl group, carboxylic acid or a $-(CH_2)_nR_3$ group wherein n represents an integer ranging between 1 and 5 and R_3 represents a polar functional group, advantageously a halogen atom, a sulphoxide, carbonyl, nitro, thioester, thioether, sulphonyl, sulphinyl, nitrile group, carboxylic acid, carboxylic ester, alkylthio or hydroxyl, a thiocyanate of general formula (II): $R_2-S=C=N$ wherein: R_2 represents an alkyl, alkenyl, alkynyl, aryl, acetyl, alkylcarbonyl, alkoxy, cycloalkyl, aryloxy, arylcarbonyl group, carboxylic acid, carboxylic ester or a $-(CH_2)_nR_3$ group, wherein n represents an integer ranging between 1 and 5 and R_3 represents a polar functional group, advantageously a halogen atom, a sulphoxide, carbonyl, nitro, thioester, thioether, sulphonyl, sulphinyl, nitrile group, carboxylic acid, carboxylic ester, alkylthio or hydroxyl, or mixtures thereof for making a medicine or a cosmetic composition for inhibiting tyrosinase.

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