

Title (en)

DIAMINOPYRAZOLE DERIVATIVES AND THEIR USE FOR OXIDATION DYEING OF KERATINOUS FIBRES

Title (de)

DIAMINOPYRAZOLDERIVATE UND IHRE VERWENDUNG FÜR DIE OXIDATIVE FÄRBUNG VON KERATINFASERN

Title (fr)

DERIVES DE DIAMINOPYRAZOLE ET LEUR UTILISATION EN TEINTURE D'OXYDATION DES FIBRES KERATINIQUES

Publication

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Application

EP 01999561 A 20011129

Priority

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Abstract (en)

[origin: WO0246165A1] The invention concerns novel diaminopyrazole derivatives of formula (I), wherein: R1 represents C1-C6 alkyl or C2-C6, preferably up to C4, alkenyl, linear or branched, bearing at least a substituent selected among OR, NHR, NRR', SR, SO2R, COOH, CONH2, CONRR', PO(OH)2, SH, SO3X, a non-cationic heterocycle, Cl, Br or I; X represents H, Na, K or NH4; R and R', identical or different, represent C1-C6 alkyl or C2-C6, preferably up to C4, alkenyl, linear or branched, unsubstituted or substituted by one or several functional groups selected among OH, NH2, OR, NHR, NRR', SR, SOR, SO2R, COOH, CONH2, CONRR', PO(OH)2, SH, SO3X, a non-cationic heterocycle, Cl, Br or I, X, R and R' having the definitions mentioned above; R2 represents H, or C1-C6 alkyl or C2-C6, preferably up to C4, alkenyl, linear or branched, unsubstituted or substituted by one or several functional groups selected among OH, NH2, OR, NHR, NRR', SR, SOR, SO2R, COOH, CONH2, CONRR', PO(OH)2, SH, SO3X, a non-cationic heterocycle, Cl, Br or I, X, R and R' having the definitions mentioned above; and their physiologically acceptable salts, and their use for oxidation dyeing of keratinous fibres, in particular human hair.

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