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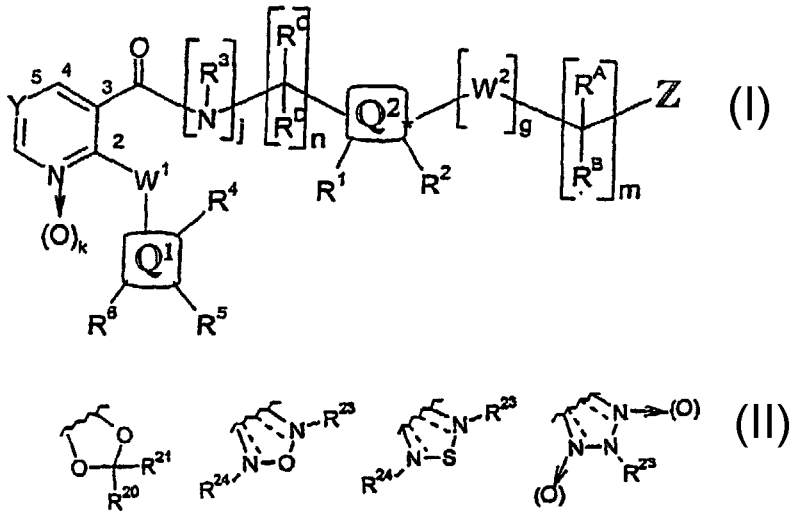
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(54) Title: NICOTINAMIDE BIARYL DERIVATIVES USEFUL AS INHIBITORS OF PDE4 ISOZYMES



(I)

(II)

(57) Abstract: Compounds useful as inhibitors of PDE4 in the treatment of diseases regulated by the activation and degranulation of eosinophils, especially asthma, chronic bronchitis, and chronic obstructive pulmonary disease, of the formula (I): where j is 0 or 1 provided that when j is 0, n must be 2; k is 0 or 1; m is 0, 1, or 2; n is 1 or 2; W^1 is -0-; or -S(=O)t-, where t is 0, 1, or 2; or -N(R^3)-; W^2 is -O-CR^AR^B- or is absent; Y is =C($R^1{}_a$)- or -[N⇒(O)$_k$]- where k is 0 or 1; R^A and R^B are -H; -F; -CF_3; -(C_1-C_4)alkyl; -(C_3-C_7)cycloalkyl; phenyl; or benzyl substituted with 0 to 3 substituents R^{10}; or R^A and R^B are taken together, but only in the case where m is 1, to form a spiro moiety; R^C and R^D have the same meaning as R^A and R^B except that one of them must be -H, R^1 and R^2 are -H; -F; -Cl; -CN; -NO_2; (C_1-C_4)alkyl; -(C_2-C_4)alkynal; fluorinated-(C_1-C_3)alkyl; -OR^{16}; and -C(=O)$NR^{22}{}_aR^{22}{}_b$; R^3 is -H; -(C_1-C_3)alkyl; phenyl; benzyl; or -OR^{16}; R^4, R^5 and R^6 in addition to other meanings may be taken together to form, e.g., form (II): Q^1, Q^2 and Z are as defined in the application.

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