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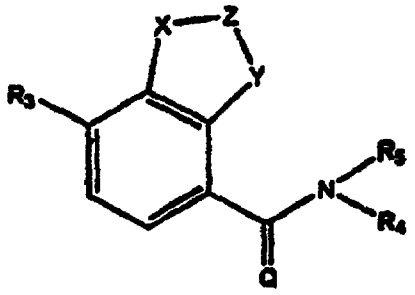
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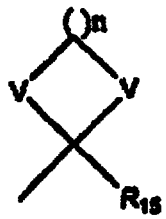
(54) Title: BICYCLIC ARYL CARBOXAMIDES AND THEIR THERAPEUTIC USE

(57) Abstract

Compounds of formula (I) have therapeutic utility via inhibition of TNF or phosphodiesterase, wherein (1) X is N and (a) Z is $=CR_1-CR_2=$ and Y is N, (b) Z is $=CR_1-$ and Y is O, S or NR_4, or (c) Z is $=CR_1-N=$ and Y is CR^2, or (2) X is NR_4, Z is $-CR_1=$ and Y is N; Q is O or S; R_1 and R_2 are the same or different and are each COR_6, $C(=NOR_6)R_{13}$, alkyl $C(=NOR_6)R_{13}$, NR_8R_9, $CON(R_6)_2$, halogen, CF_3, CN, CO_2H, CO_2R_{10}, R_6, CO–het where het is a heterocyclic ring (such as morpholine or piperidine) attached via a N atom in the ring and optionally subsituted with one or more R_{14}, or the cyclic group (a), R_3 is OH, thioalkyl, or C_{1-6} alkoxy or cycloalkoxy each optionally substituted with one or more halogens; R_4 is H or alkyl; R_5 is aryl or heteroaryl, either of which may be optionally substituted with one or more substituents chosen from halogen, optionally halogen–substituted alkyl, hydroxy, optionally halogen–substituted alkoxy, CO_2H, CO_2R_{10}, $CONR_{11}R_{12}$, COR_{10}, $SO_2NR_{11}R_{12}$, NR_8R_9 and CN.



(I)



(a)