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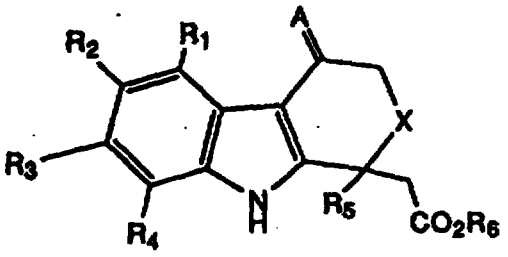
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(54) Title: PYRANOINDOLE AND CARBAZOLE INHIBITORS OF COX-2

(57) Abstract

This invention provides compounds of formula (I) wherein R_1, R_2, R_3 and R_4 are, each, independently, hydrogen, alkyl, alkenyl, alkynyl, alkoxy, aralkoxy, trifluoroalkoxy, alkanoyloxy, hydroxy, halo, trifluoromethyl, cyano, amino, mono- or di-alkylamino, alkanamido, or alkanesulfonamido; R_5 is hydrogen, alkyl, alkenyl, alkoxyalkyl or alkylcycloalkyl; R_6 is hydrogen, alkyl or alkenyl; X is oxygen or carbon; A is oxygen or NZ; Z is hydroxyl, alkoxy, aryloxy, carboxyalkyloxy of 2-7 carbon atoms, arylamino, or alkylsulfonylamino of 1-6 carbon atoms; or a pharmaceutically acceptable salt thereof, which are useful in the treatment of arthritic disorders, colorectal cancer, and Alzheimer's disease.



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