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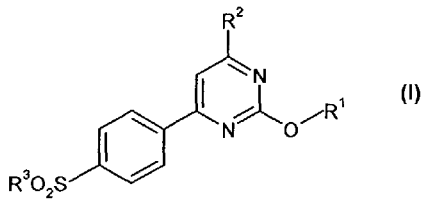
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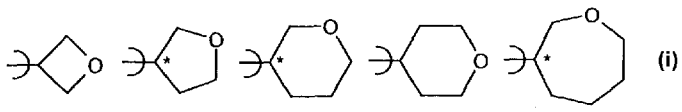
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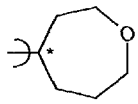
(54) Title: PYRIMIDINE DERIVATIVES USEFUL AS SELECTIVE COX-2 INHIBITORS



(I)



(i)



(ii)

(iv)

(57) Abstract: The invention provides the compounds of formula (I) in which: R^1 is selected from the group consisting of H, C_{1-6}alkyl, C_{1-2}alkyl substituted by one to five fluorine atoms, C_{3-6}alkenyl, C_{3-10}cycloalkylC_{0-6}alkyl, C_{4-12}bridged cycloalkyl, $A(CR^4R^5)_n$ and $b(CR^4R^5)_n$; R^2 is C_{1-2}alkyl substituted by one to five fluorine atoms; R^3 is selected from the group consisting of C_{1-6}alkyl, NH_2 and R^7CONH; R^4 and R^5 are independently selected from H or C_{1-6}alkyl; A is an unsubstituted 5- or 6-membered heteroaryl or an unsubstituted 6-membered aryl, or a 5- or 6-membered heteroaryl or a 6-membered aryl substituted by one or more R^6; R^6 is selected from the group consisting of halogen, C_{1-6}alkyl, C_{1-6}alkyl substituted by one or more fluorine atoms, C_{1-6}alkoxy, C_{1-6}alkoxy substituted by one or more F, NH_2SO_2 and C_{1-6}alkylSO_2; B is selected from the group consisting of Formula (i) and (ii) and where (iv) defines the point of attachment of the ring; R^7 is selected from the group consisting of H, C_{1-6}alkyl, C_{1-6}alkoxy, C_{1-6}alkylOC_{1-6}alkyl, phenyl, HO_2CC_{1-6}alkyl, C_{1-6}alkyl$OCOC_{1-6}$alkyl, C_{1-6}alkylOCO, H_2NC_{1-6}alkyl, C_{1-6}alkyl$OCONHC_{1-6}$alkyl and C_{1-6}alkyl$CONHC_{1-6}$alkyl; and n is 0 to 4. Compounds of formula (I) are potent and selective inhibitors of COX-2 and are of use in treatment of the pain, fever and inflammation of variety of conditions and diseases.

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