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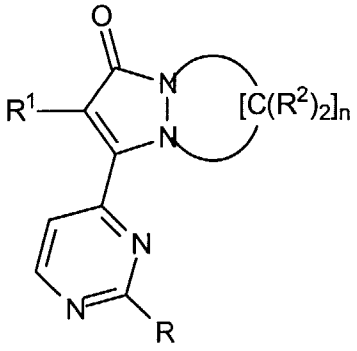
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(54) Title: SPIROCYCLIC-6,7-DIHYDRO-5H-PYRAZOLO[1,2-A]PYRAZOL-1-ONES WHICH CONTROL INFLAMMATORY CYTOKINES



(57) Abstract: The present invention relates to compound which are capable of preventing the extracellular release of inflammatory cytokines, said compounds, including all enantiomeric and diasteriomeric forms and pharmaceutically acceptable salts thereof, have the formula: wherein R comprises ethers or amines;R1 is:a) substituted or unsubstituted aryl; orb) substituted or unsubstituted heteroaryl;two R2 units on the same carbon atom are taken together to form a spirocyclic ring having from 4 to 7 atoms, the balance of the R2 units are independently selected from the group consisting of:a) hydrogen;b) -O(CH2)jR8;c) -(CH2)jNR9aR9b;d) -(CH2)jCO2R10;e) OCO2R10f) -(CH2)jCON(R10)2; andg) two R2 units can be taken together to form a carbonyl unit;R8, R9a, R9b, and R10 are each independently hydrogen, C1-C4 alkyl, and mixtures thereof; R9a and R9b can be taken together to form a carbocyclic or heterocyclic ring comprising from 3 to 7 atoms; two R10 units can be take together to form a carbocyclic or heterocyclic ring comprising from 3 to 7 atoms; j is an index from 0 to 5; the index n is from 3 to 5.

WO 03/024973 A1