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(54) Title: COMPOSITIONS FOR A ONCE A DAY TREATMENT OF CYCLOOXYGENASE-2 MEDIATED DISEASES

(57) Abstract

This invention is directed to a pharmaceutical composition for the treatment of cyclooxygenase-2 mediated diseases, said composition being suitable for once a day administration, said composition comprising a cyclooxygenase-2 inhibiting compound characterized by high potency, a long half-life and a high degree of specificity for inhibiting cyclooxygenase-2 in preference to cyclooxygenase-1. Such a compound is exemplified 3-phenyl-4-(4-methylsulfonyl)phenyl)-2-(*5H*)-furanone. In one aspect, this invention is directed to a pharmaceutical composition for the treatment of cyclooxygenase-2 mediated diseases, said composition being suitable for once a day oral administration, said composition comprising 5 to 125 mgs of the above mentioned compound. The invention is also directed to a method of treating cyclooxygenase-2 mediated diseases comprising the once a day oral administration of 5 to 125 mgs of the above-mentioned compound. The invention is also directed to the use of the above-mentioned compound in the manufacture of a medicament containing 5 to 125 mgs of said compound for once a day administration for the treatment of cyclooxygenase-2 mediated diseases.