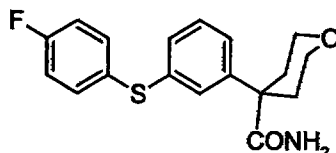


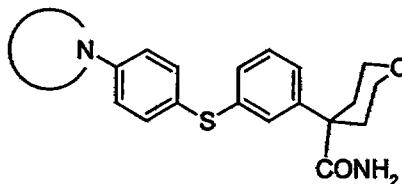
PROCESS FOR MAKING 5-LIPOXYGENASE INHIBITORS
HAVING VARIED HETEROCYCLIC RING SYSTEMS

5 ABSTRACT OF THE DISCLOSURE

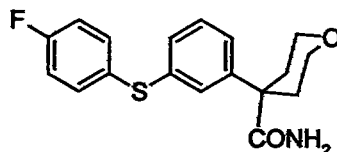
A novel process intermediate, tetrahydro-4-[3-(4-fluorophenyl)thio]phenyl-2H-pyran-4-carboxamide, of the formula:



10 is described, as well as its use in a process of preparing 5-lipoxygenase inhibitors of the formula:

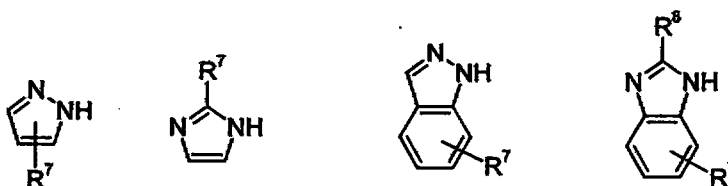


which comprises establishing a reaction mixture consisting of:



- and -

15 an electron deficient monocyclic or benzo-fused bicyclic N-heterocycle containing two nitrogen atoms of the formula:



20 in an aprotic solvent; in the presence of a carbonate of the formula: $(M)_2CO_3$, where M is an alkali metal, Group 1/la element, selected from the group consisting of lithium, Li; sodium, Na; potassium, K; rubidium, Rb; and cesium, Cs; followed by heating of said reaction mixture under a nitrogen atmosphere; whereby there is produced the desired compound of the above-recited formula.