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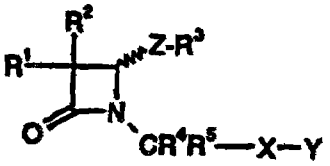
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(54) Title: AZETIDINONE DERIVATIVES FOR THE TREATMENT OF ATHEROSCLEROSIS

(57) Abstract

Azetidinone compounds of formule (I) in which: R^1 and R^2, which may be the same or different, is each selected from hydrogen, halogen or $C_{(1-8)}$alkyl; R^4 and R^5 which may be the same or different is each selected from hydrogen, $C_{(1-6)}$alkyl, $C_{(2-6)}$alkenyl, aryl, aryl(C_{1-4})alkyl and heteroaryl(C_{1-4})alkyl each of which may be optionally substituted or R^4 and R^5 may be linked together to form the remainder of a (C_{3-7})cycloalkyl ring; X is a linker group; Y is an optionally substituted aryl group; Z is oxygen and R^3 is $C_{(1-8)}$alkyl, $C_{(3-8)}$cycloalkyl, $C_{(3-8)}$cycloalkyl$C_{(1-6)}$alkyl, heteroaryl, heteroaryl(C_{1-4})alkyl, aryl, or aryl(C_{1-4})alkyl, each of which may be optionally substituted or Z is $S(O)_n$ in which n is 0, 1 or 2 and R^3 is $C_{(1-8)}$alkyl, $C_{(3-8)}$cycloalkyl, $C_{(3-8)}$cycloalkyl$C_{(1-6)}$alkyl, aryl, aryl(C_{1-4})alkyl, heteroaryl, or heteroaryl(C_{1-4})alkyl, each of which may be optionally substituted are inhibitors of the enzyme Lp PLA2 and are of use in therapy, in particular treating atherosclerosis.



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