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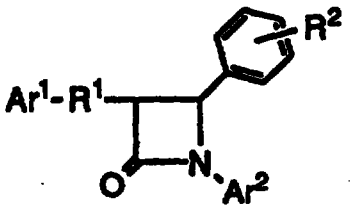
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(54) Title: SUBSTITUTED AZETIDINONE COMPOUNDS USEFUL AS HYPOCHOLESTEROLEMIC AGENTS

(57) Abstract

Substituted azetidinone hypocholesterolemic agents of formula (I) or a pharmaceutically acceptable salt thereof, wherein: Ar^1 is aryl or R^3-aryl; Ar^2 is aryl or R^4-aryl; R^1 is selected from the group consisting of $-(CH_2)_q-$, wherein q is 2-6; $-(CH_2)_e-Z-(CH_2)_r-$, wherein Z is -O-, -C(O)-, phenylene, $-NR^{10}-$ or $-S(O)_{0-2}-$, e is 0-5 and r is 0-5, provided that the sum of e and r is 1-6; -(C2-C6 alkenylene)-; and $-(CH_2)_f-V-(CH_2)_g-$, wherein V is C3-C6 cycloalkylene, f is 1-5 and g is 0-5, provided that the sum of f and g is 1-6; R^2 is -(lower alkylene)-COR^5 or -(CH=CH)-COR^5; R^3 and R^4 are independently 1-3 substituents selected from lower alkyl, $-OR^6$, $-O(CO)R^6$, $-O(CO)OR^9$, $-O(CH_2)_{1-5}OR^6$, $-O(CO)NR^6R^7$, $-NR^6R^7$, $-NR^6(CO)R^7$, $-NR^6(CO)OR^9$, $-NR^6(CO)NR^7R^8$, $-NR^6SO_2R^9$, $-COOR^6$, $-CONR^6R^7$, $-COR^6$, $-SO_2NR^6R^7$, $S(O)_{0-2}R^9$, $-O(CH_2)_{1-10}-COOR^6$, $-O(CH_2)_{1-10}CONR^6R^7$, -(lower alkylene)-$COOR^6$, $-CH=CH-COOR^6$, $-CF_3$, -CN, $-NO_2$ and halogen; R^5 is -OR or $-NRR^{12}$; R, R^6, R^7, R^8 and R^{12} are independently selected from hydrogen, lower alkyl, aryl and aryl-substituted lower alkyl; R^9 is lower alkyl, aryl or aryl-substituted lower alkyl; and R^{10} is hydrogen, lower alkyl, aryl lower alkyl or $-C(O)R^6$; are disclosed, as well as a method of lowering serum cholesterol by administering said compounds, alone or in combination with a cholesterol biosynthesis inhibitor, and pharmaceutical compositions containing them.



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