

Title (en)  
QUINOLIZIDINES WITH CALCIUM CHANNEL ANTAGONISTIC ACTIVITY

Title (de)  
QUINOLIZIDINE MIT CALCIUM ANTAGONISTISCHER WIRKUNG

Title (fr)  
QUINOLIZIDINES A ACTIVITE ANTAGONISTE DES CANAUX A CALCIUM

Publication  
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Application  
**EP 94923730 A 19940711**

Priority  
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Abstract (en)  
[origin: WO9503302A1] Known and novel azabicyclic derivatives of formula (I) such as quinolizidines with calcium channel antagonist activity, in which: p, and q each independently represent an integer from 3 to 5; n is 0 to 6; m is 0 to 6; A is a bond, -CH=CH-, -CC-, oxygen, sulphur or NR<1>; R<1> is hydrogen, C1-8alkyl or phenylC1-4alkyl; and Ar is aryl or heteroaryl, each of which may be optionally substituted; or a pharmaceutically acceptable salt thereof, for the manufacture of a medicament for the treatment of disorders wherein a calcium channel antagonist is indicated and novel compound of formula (IA), in which: p and q each independently represent an integer from 3 to 5; A is a bond, -CH=CH-, -CC-, oxygen, sulphur or NR<1>; R<1> is hydrogen, C1-8alkyl or phenylC1-4alkyl; na is 0 to 6 and ma is 0 to 6 such that the length of the chain (CH<sub>2</sub>)<sub>na</sub>A(CH<sub>2</sub>)<sub>ma</sub> is at least 2 atoms when A is other than S or a bond and is at least 3 atoms when A is S or a bond; and Ar is aryl or heteroaryl, each of which may be optionally substituted, with a proviso that: a) when A is a bond the group -(CH<sub>2</sub>)<sub>na</sub>A(CH<sub>2</sub>)<sub>ma</sub> is not alpha to the azabicyclic nitrogen atom; b) when A is oxygen, p and q are both 3 or both 4, na is 0 to 6 and ma is zero or 1 then Ar is not unsubstituted phenyl; and c) when A is NH, p and q do not both represent 4.

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