

NOVEL PEPTIDES WHICH HAVE ANALGESIC EFFECTS AND WHICH INHIBIT
ASIC CHANNELS

Abstract

The present invention relates to novel isolated peptides which induce analgesia and which inhibit ASIC channels (Acid Sensing Ion Channels), to the polynucleotides encoding said peptides, and also to the pharmaceutical compositions, host cells and vectors comprising same. In particular, said peptides are isolated from the venom of the snake *Dendroaspis polylepis*. The present invention also relates to the use thereof as a diagnostic tool or as medicament, and in particular as an analgesic, or for identifying analgesic molecules or molecules which inhibit ASIC channels.

[Figure 2]