

Title (en)
DERMORPHIN ANALOGS WITH ANALGESIC ACTIVITY

Title (de)
DERMORPHINANALOGA MIT ANALGETISCHER WIRKUNG

Title (fr)
ANALOGUES DE LA DERMORPHINE A ACTIVITE ANALGESIQUE

Publication
EP 1831244 A2 20070912 (EN)

Application
EP 05823581 A 20051214

Priority
• IT 2005000733 W 20051214
• IT RM20040607 A 20041215

Abstract (en)
[origin: WO2006064530A2] New opioid heptapeptide analogs of dermorphin characterised by the fact that, like dermorphin, they maintain a tyrosine residue in position 1 and a D- α -amino acid, preferably D-Ala, in position 2, and by the fact that in position 7 they have the amino acid of maximum basicity, i.e. arginine. The preferred peptide of the invention, Arg⁷-dermorphin, referred to as arginorphin, has a potent analgesic activity. This activity largely comes about at the peripheral opioid nociceptor level, without involving the more serious central side effects typical of opiates.

IPC 8 full level
C07K 7/06 (2006.01)

CPC (source: EP)
C07K 7/06 (2013.01)

Citation (search report)
See references of WO 2006064530A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006064530 A2 20060622; WO 2006064530 A3 20070208; EP 1831244 A2 20070912; IT RM20040607 A1 20050315

DOCDB simple family (application)
IT 2005000733 W 20051214; EP 05823581 A 20051214; IT RM20040607 A 20041215