

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)

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Citation (search report)

See references of WO 2006064530A2

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