

Title (en)
DES-TYR DYNORPHIN ANALOGUES.

Title (de)
DES-TYR DYNORPHINANALOGUE.

Title (fr)
ANALOGUES DE DYNOPHINE DES-TYR.

Publication
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Application
EP 93914274 A 19930601

Priority
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Abstract (en)
[origin: WO9325217A1] Novel peptides of the invention are dynorphin analogues and have similar activity to endogenous dynorphin, but are des-Tyr or des-Tyr-Gly with respect to endogenous dynorphin. The novel peptides have therapeutic uses, such as administration to a host tolerant to a narcotic analgesic in order to potentiate activity of the narcotic analgesic and/or to block withdrawal symptoms.

IPC 1-7
A61K 38/00; **C07K 5/00**; **C07K 7/00**; **C07K 15/00**; **C07K 17/00**

IPC 8 full level
A61K 38/00 (2006.01); **A61K 38/10** (2006.01); **A61P 25/30** (2006.01); **C07K 7/06** (2006.01); **C07K 7/08** (2006.01); **C07K 14/665** (2006.01)

IPC 8 main group level
A61K (2006.01)

CPC (source: EP KR)
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Citation (search report)
• [E] WO 9606626 A1 19960307 - LEE NANCY M [US], et al
• [XY] BAKSHI R. & FADEN A.I.: "Compeptitive and non-compeptitive NMDA antagonists limit dynorphin A-induced rat hindlimb paralysis", BRAIN RESEARCH, vol. 507, 1990, pages 1 - 5, XP000612654
• [XY] ROCHFORD J. ET AL.: "Intrathecal administration of dynorphin A and its fragments increase heart rate and arteria pressure in the urethane anesthetized rat: mediation by a nonopioid mechanism", BRAIN RESEARCH, vol. 565, no. 1, 1991, pages 67 - 77, XP000612957
• [XY] CODD E.E. ET AL.: "A non-opioid pattern characterizes inhibition of growth hormone releasing peptide binding by Dynorphin-related peptides", NEUROPEPTIDES (EDINBOURGH), vol. 15, no. 3, 1990, pages 133 - 137, XP000612963
• [PX] MWYER M.E.: "Intrastrial injections of Dynorphin A fragments potentiate the dorsal immobility response in rats", PHARMACOL.BIOCHEM.BEHAV., vol. 44, no. 2, 1993, pages 329 - 332, XP000613059
• [PX] TAKEMORI A. ET AL.: "Suppression by Dynorphin A and des-Tyr-Dynorphin A peptides of the expression of opiate withdrawl and tolerance in morphine-depedent mice", J.PHARMACOL.EXP.THER., vol. 266, no. 1, 1993, pages 121 - 124, XP000612554
• [XDY] XIE, GUO-XI ET AL.: "Expression of cDNA encoding a seven-helix receptor from human placenta with affinity for opioid ligands", PROC.NATL.ACAD.SCI., vol. 89, 1992, USA, pages 4124 - 4128, XP002022035
• See references of WO 9325217A1

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