

Title (en)
IMPROVED ENKEPHALIN DERIVATIVES.

Title (de)
VERBESSERTE ENKEPHALIN-DERIVATE.

Title (fr)
DERIVES AMELIORES D'ENCEPHALINE.

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Application
EP 79900664 A 19800110

Priority
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Abstract (en)
[origin: WO8000022A1] Polypeptides represented by the formula (R1) 5 [H-Tyr-X-Gly-Phe-(R)n]m-Y-Z wherein X is glycine or a chiral residue of a D-amino acid selected from the group consisting of D-alanine, D-leucine, D-isoleucine, D-valine, D-norvaline, D-phenylalanine, D-tyrosine, D-tryptophan, D-serine, D-threonine, D-methionine, D-glutamic acid, D-glutamine, D-aspartic acid, D-asparagine, D-lysine, D-proline, D-histidine and D-arginine; R is methionine when m is leucine and n is 1; n is 0 or 1; R1 is hydrogen or fluoro; m is 1 or 2 with the limitation that when m is 1, X cannot be glycine; Y is lysine when m is 2 and methionine or leucine when m is 1 with the limitation that when m is 1, n is 0; and Z is selected from the group consisting of hydroxy, amino, loweralkylamino, diloweralkylamino and lower alkoxy and the pharmaceutically acceptable salts thereof.

Abstract (fr)
Polypeptides representes par la formule (R1)5 (H-Tyr-X-Gly-Phe-(R)n)m-Y-Z ou X est la glycine ou un residu a pouvoir d'acide D-amino choisi parmi le groupe constitue D-alanine, D-leucine, D-isoleucine, D-valine, D-norvaline, D-phenylalanine, D-tyrosine, D-tryptophane, D-serine, D-threonine, D-methionine, D-glutamine, acide D-aspartique, D-asparagine, D-lysine, D-proline, D-histidine et D-arginine; R est la methionine lorsque m est leucine et n est 1; n est 0 ou 1; R1 est l'hydrogene ou fluoro; m est 1 ou 2 avec la restriction que lorsque m vaut 1, X ne peut etre la glycine; Y est la lysine lorsque m est 2 et la methionine ou la leucine lorsque m vaut 1 avec la restriction que lorsque m vaut 1, n vaut 0; et Z est choisi parmi le groupe hydroxy, amino, akylamino-inferieur, dialkylamino-inferieur et alkoxy inferieur et leurs sels pharmaceutiquement acceptables.

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