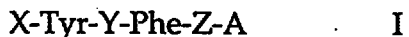


NOVEL PEPTIDE, A METHOD FOR ITS PREPARATION AND A
PHARMACEUTICAL COMPOSITION CONTAINING THE PEPTIDE

ABSTRACT OF THE DISCLOSURE

A peptide of the formula I



wherein X is hydrogen, arginine, D-arginine, ornithine, D-ornithine,
5 lysine, D-lysine, homoarginine, D-homoarginine, citrulline, D-citrulline;
Tyr is tyrosine; Y is D-alanine, D-valine, D-leucine, D-isoleucine, D-
phenylalanine, D-asparagine, D-tryptophan, D-proline, D-serine, D-
threonine, D-tyrosine, D-hydroxyproline, D-cysteine, D-cysteyl-cysteine,
D-methionine, D-lysine, D-homoarginine, D-arginine, D-histidine, D-
10 aspartic acid, D-glutamic acid, D- β -alanine, or D-ornithine; Phe is
phenylalanine; Z is alanine, D-alanine, valine, D-valine, leucine, D-
leucine, isoleucine, D-isoleucine, phenylalanine, D-phenylalanine,
asparagine, D-asparagine, glycine, glutamine, D-glutamine, tryptophan,
D-tryptophan, proline, D-proline, serine, D-serine, threonine, D-
15 threonine, tyrosine, D-tyrosine, hydroxyproline, D-hydroxyproline,
cysteine, D-cysteine, cysteyl-cysteine, cysteine-D-cysteine, D-cysteyl-
cysteine, D-cysteine-D-cysteine, methionine, D-methionine, lysine, D-
lysine, arginine, D-arginine, histidine, D-histidine, aspartic acid, D-
aspartic acid, glutamic acid, D-glutamic acid, β -alanine, D- β -alanine,
20 ornithine, or D-ornithine; and A is hydroxyl or substituted amide ($C_1 - C_3$); compositions containing same and its use in modulating
physiological processes such as weight gain, activities of the epithelium
growth zone, hair growth, wound healing, and to stimulate reparative
and anabolic processes, and exert analgesic effects.