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(54) Title: PHARMACEUTICAL COMPOSITIONS OF PEPTIDES HAVING LOW SOLUBILITY IN PHYSIOLOGICAL MEDIUM (57) Abstract Pharmaceutical compositions are described, which comprise: a) a peptide poorly soluble in aqueous physiological saline solution, as active ingredient; b) a non-ionic aromatic hydrotropic pharmaceutically acceptable agent; and c) a physiological aqueous solution wherein the peptide (a) is an LHRH analogue or a GRF peptide, and wherein the non-ionic aromatic hydrotropic agent (2) is selected from the group consisting of: nicotinamide, nicotinic acid, benzoic acid, salicylic acid, gentisic acid, ascorbic acid, histidine, tryptophan, phenylalanine, tyrosine, cresol, phenol, xanthines, pyridoxine, folic acid, saccharin, as well as non-ionic derivatives thereof.		