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(54) Title: MODIFIED LIPIDATED RELAXIN B CHAIN PEPTIDES AND THEIR THERAPEUTIC USE

(57) Abstract: The present invention relates to a biologically active single chain Relaxin peptide having the following formula (I): $N_{ter}-Ac-X_{10}-E-G-R-E-X_{15}-V-R-X_{18}-X_{19}-I-X_{21}-X_{22}-E-G-X_{25}-S-X_{27}-X_{28}-X_{29}-X_{30}-X_{31}-X_{32}-X_{33}-NH_2-C_{ter}$ or a salt or solvate thereof. It also concerns a pharmaceutical composition comprising at least one peptide of the invention, and the peptide or the pharmaceutical composition for its use as a medicament.