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(54) Title: PEPTIDE PURIFICATION

(57) Abstract: A nona- or decapeptide is purified from residual organic solvent by dissolving in a solvent comprising water and at least one C_1-C_3 alcohol followed by precipitation into a vigorously stirred solvent consisting of an alkyl ester of a carboxylic acid, the ester comprising from 3 to 6 carbon atoms, and one or several non-polar compounds selected from hexane, heptane, octane, cyclohexane, methylcyclohexane, and, optionally, of up to 5 % of acetic or propionic acid, isolating the precipitated nona- or decapeptide, followed by washing with a mixture of C_3-C_5 esters and drying, wiht the provisio that the water content of the solvent comprising water and the at least one alcohol is below 8 % (v/v), and that the volume ratio of the dissolution solvent mixture and the precipitation solvent mixture is 1:10 or higher. Also described is the monoacetate of Ac-D-2Nal-D-4ClPhe-D-3Pal-Ser-MeTyr-D-Asn-Leu-Lys(iPr)-Pro-D-Ala-NH_2.