

REVERSE-PHASE HPLC SEPARATION OF POLYPEPTIDES STEREOISOMERS

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Abstract: The synthesis of biologically active peptides often results in loss of chiral homogeneity under different conditions of the reactions. Purification of the mixture of resulted stereoisomers is needed. Two mixtures of stereoisomers of long chain peptides, which are useful models for conformational and biological studies of peptides and proteins with C^α-tetrasubstituted amino acids, were purified by reversed-phase HPLC.

Keywords: RP-HPLC, peptides, diastereoisomers

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