



N[*tert*-butoxycarbonylglycyl-(*Z*)- α,β -dehydrophenylalanylglycyl-(*E*)- α,β -dehydrophenylalanylphenylalanyl]-4-nitroaniline ethanol solvate.

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Streszczenie

The α,β -dehydrophenylalanine residues influence the conformation of the title pentapeptide Boc⁰-Gly¹-^ZPhe²-Gly³-^EPhe⁴-L-Phe⁵-*p*-NA ethanol solvate, C₄₂H₄₃N₇O₉·C₂H₅OH. The first unsaturated phenylalanyl (^ZPhe²) and the third glycyl (Gly³) residues form a type I turn, while the second unsaturated phenylalanyl (^EPhe⁴) and the last phenylalanyl (L-Phe⁵) residues are part of a type II turn. All the amino acids in the peptide are linked *trans* to one another. The crystal structure is stabilized by intra- and intermolecular hydrogen bonds.

Adres publiczny

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