

Solid phase synthesis of peptides containing novel amino acids, substituted 3-benzimidazolealanines.

Autorzy

Małgorzata Koprowska-
Ratajska

Alicja Kluczyk

Piotr Stefanowicz

Hubert Bartosz-Bechowski

Zbigniew Szewczuk

Rok wydania

2009

Czasopismo

Amino Acids

Numer woluminu

36

Strony

309-315

DOI

10.1007/s00726-008-0070-5

Kolekcja

Naukowa

Język

Angielski

Typ publikacji

Artykuł

Streszczenie

A direct solid-phase synthesis of a series of substituted benzimidazole-containing peptides is described. The method involves on-resin formation of new amino acids containing benzimidazole derivatives in the side chain. The heterocycle conjugates were obtained by reaction between aldehydes and peptides containing β -(3,4-diaminophenyl)alanine residue, immobilized on a polymeric solid support.

Słowa kluczowe

Solid phase peptide synthesis, unnatural amino acids, 4-amino-3-nitrophenylalanine, benzimidazoles, combinatoral synthesis

Adres publiczny

<https://doi.org/10.1007/s00726-008-0070-5>

Strona internetowa wydawcy

<http://link.springer.com>