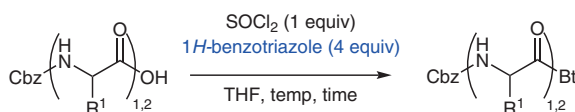


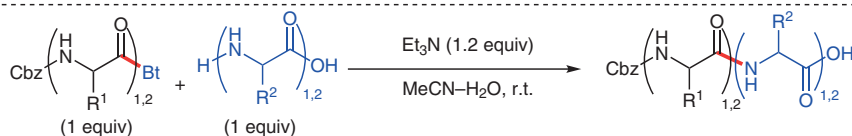
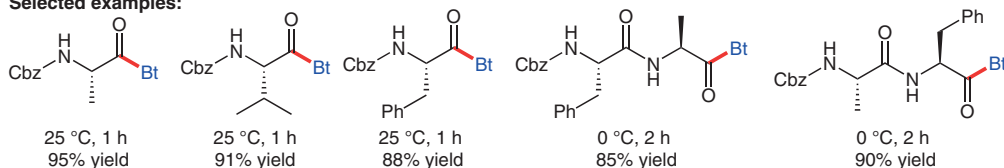
A. R. KATRITZKY*, K. SUZUKI, S. K. SINGH (UNIVERSITY OF FLORIDA, GAINESVILLE, USA)

Highly Diastereoselective Peptide Chain Extensions of Unprotected Amino Acids with *N*-(*Z*- α -Aminoacyl)benzotriazoles
Synthesis **2004**, 2645–2652, DOI: 10.1055/s-2004-831255.

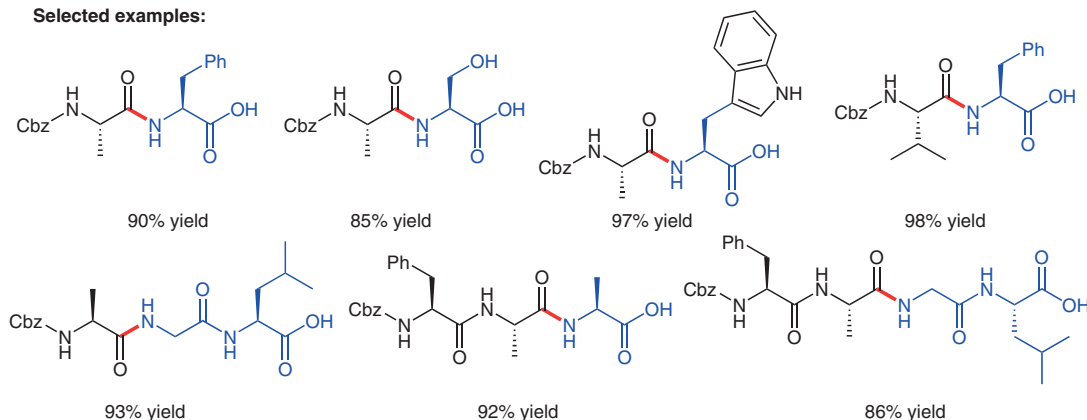
Peptide Synthesis Using Unprotected Amino Acids with *N*-(*Z*- α -Aminoacyl)benzotriazoles



Selected examples:



Selected examples:



Significance: Development of practically handy and cost-effective methods for peptide synthesis is a highly demanding area of organic synthesis. In this study, the authors developed an elegant method for the synthesis of peptides by using unprotected amino acids with *N*-(*Z*- α -aminoacyl)benzotriazoles.

Comment: A series of peptides were prepared by coupling between unprotected amino acids with *N*-(*Z*- α -aminoacyl)benzotriazoles. This method is practically simple and the reaction proceeded with minimum epimerization under mild reaction conditions.

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Category

Peptide Chemistry

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N-(*Z*- α -aminoacyl)-benzotriazoles

unprotected amino acids

peptide synthesis

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