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PAPER

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Tri-, Tetra- and Pentapeptidoylbenzotriazoles: Novel Synthetic Intermediates

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Abstract

Conveniently synthesized novel *N*-(protected α -tri-, tetra- and pentapeptidoyl) benzotriazoles couple in aqueous acetonitrile solution at 0 °C with free amino acids, dipeptides, and tripeptides to afford *N*-terminal-protected polypeptides (61-92%) including those containing unprotected OH, SH, and indole NH groups, with no detectable racemization.

Key words

acylation - peptides - coupling - amino acids - medicinal chemistry

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