

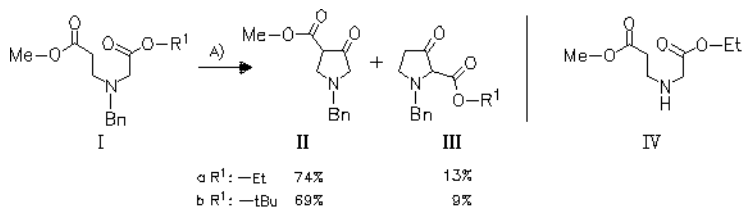
ring closure reactions

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**Synthesis of Chiral Pyrrolidine and Pyrrole Derivatives Through the Chemoselective Dieckmann Reaction of  $\alpha,\beta$ -Aminodiester.**

The chemoselectivity of the Dieckmann cyclization reaction of aminodiester is controlled by the nature of the N-substituent and substituents at the  $\alpha$ -position of the alkoxy-carbonyl-ethyl residue, leading to either pyrrolidines or to pyrrole (VIII). N-Debenzylated diester (IV) gives a complex mixture of products. — (PINTO, AMERICO C.; ABDALA, RODRIGO V.; COSTA, PAULO R. R.; Tetrahedron: Asymmetry 11 (2000) 21, 4239-4243; Lab. Quim. Bioorg., Nucl. Pesqui. Prod. Nat., Univ. Fed. Rio de Janeiro, 21941 Rio de Janeiro, Brazil; EN)

A): tBuOK, THF,  $-78^\circ\text{C}$ , [3 h]