STUDY ON DIASTEREOSELECTIVE SYNTHESIS OF -LACTAMS

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TÓM TẮT:

The chemistry of -lactam has taken an important place in organic synthesis due to their interesting biological activity. The direct routes to -lactam via the Staudinger kenten-imine cycloaddition reaction is interested, recently. Several article describes the synthesis of -lactam from kenten, bearing phenoxy-group and imines, bearing phenyl-group by mean of Staudinger reaction is convenient method of the selective synthesis of cis--lactam. In this article we report the synthesisof cis--lactam (9a-c) by mean Staudinger reaction in a good yield with high diastereoselectivity. The structure of products were elucidated by NMR spectrocopies