

## SYNTHESES OF NITROGEN-BRIDGED PYRIDOTRIAZINE DERIVATIVES

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Pyridinium N-imine hydriodides reacted with  $\alpha$ -haloacrylates such as ethyl and methyl  $\alpha$ -chlorocinnamate and methyl  $\alpha$ -bromocrotonate in the presence of alkali at room temperature to afford the corresponding 1,9a-dihydro-2H-pyrido[1,2-b]-as-triazine derivatives together with pyridine base. Its mechanistic consideration suggested that the corresponding aziridine or azirine derivatives as an intermediate might be involved in this reaction. To ascertain this assumption we carried out the reaction of these pyridinium N-imines with 2-phenylazirine and obtained the expected pyridotriazine derivatives in fairly good yields. The structural elucidation of these compounds was accomplished by their physical and spectral means and by the chemical conversion.