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Synthesis of Some New Isoxazolidines by 1,3-Dipolar Cycloaddition Reaction of Nitrones and Olefins

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 [Keywords](#)
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Abstract: A series of new isoxazolidines 5a-j were synthesized by 1,3-dipolar cycloaddition reaction of different nitrones with substituted olefins under reflux condition. The yields of products following recrystallization from absolute ethanol were of the order of 40%-66%. IR, NMR and mass spectroscopies were used for identification of these compounds.

Key Words: Isoxazolidine, Nitrones, 1,3-Dipolar, Cycloaddition



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