



Synthesis Of Novel Series of 1,2-Oxazine Bearing *Bis*(Heterocycle) Via [4+2] Cycloaddition Reaction of Isoxazole Substituted α -Nitrosoolefin

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ABSTRACT

Bis (heterocycle) bearing isoxazole in combination of 1,2-oxazine has been synthesized via 1,3-dipolar cycloaddition reaction of nitrile oxide with acetyl acetone followed by the [4 + 2] cycloaddition of α -nitrosoolefin with different dienophiles. The α -nitrosoolefin obtained from the isoxazole-substituted ketoxime by the action of chloramine-T.

Keywords: *Bis*(heterocycle), α -nitrosoolefin, chloramine-T.
