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Synthesis of Nitrogen-Containing Heterocycles from the Reaction of Amidrazones with α -Haloesters

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Abstract: The reaction of amidrazones 1 with α -haloesters 2 formed 1,3,5-substituted 4,5-dihydro-1,2,4-triazin-6-ones (4a-z) rather than 1,2,4-triazin-5-one derivatives (5a-z). The microanalysis and spectral data of the synthesized compounds are in full agreement with their molecular structure.

Key Words: Amidrazones, α -haloesters, 4,5-dihydro-1,2,4-triazin-6-one



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