

Title: Convenient synthesis of pyrimido[4, 5-*e*][1,3,4] oxadiazines.

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Growing interests on pyrimidine fused heterocycles arises from several reports for their biological properties [1]. Elliot's procedure is solely report on the synthesis and application of pyrimido[4, 5-*e*][1,3,4]oxadiazines [2], which exhibited the condensation of hydrazides with 4- chloro- 5- nitropyrimidine as an approach for the synthesis of this heterocyclic system. Our new rout for the synthesis of pyrimido[4, 5-*e*][1,3,4]oxadiazin derivatives included the intramolecular heterocyclization of compound **II** which was successfully prepared by the acylation of 5- bromo- 2- chloro- 6- methyl-2-(1- methylhadrazino)pyrimidine **I** . The latter compound was recently prepared by our research group [3]. Chlorine atom of the 7 position was easily replaced by amines in boiling ethanol. Structure of these compounds was strongly supported by spectral and micro analytical data.

References:

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