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An efficient one-step multicomponent synthesis of Oxopyrimidooxazine derivatives

Anil B. Chidrawar*

Department of Chemistry, Degloor College, Degloor, S.R.T.M.U. Nanded,
India – 431717

Abstract: A mixture of BMMM, urea and 4-substituted phenols on reflux with Dimethylformamidesolvent in presence of K_2CO_3 for 5-6 hours gives 2,6-dihydro-2,6-diimino-4,8-bis(substituted) pyrimido[2,1-b][1,3] oxazine-3,7-dicarbonitrile. The synthesized compounds were characterized by elemental analysis and spectral data.

Key Words : BMMM, urea, 4-substituted phenols, dimethyl formamide, K_2CO_3 .

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