

عنوان مقاله:

A SIMPLE ONE-POT STRATEGY FOR EFFICIENT SYNTHESIS OF NOVEL SYMMETRIC PYRANOPYRIMIDINE DERIVATIVES

محل انتشار:

اولین همایش ملی تکنولوژی های نوین در شیمی و پتروشیمی (سال: 1393)

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خلاصه مقاله:

Novel symmetric fused pyrano[2,3-d]pyrimidine derivatives were synthesized in excellent yields by a one pot two-component reaction of arylglyoxals and 1,3-dialkyl-2-thiobarbituric acids in ethanol at room temperature. This is the first protocol to be reported for the synthesis of 5 aryloyl-1,3,7,9-tetraalkyl-2,8-dithioxo-2,3,8,9-tetrahydro-1H-pyrano[2,3-d:6,5-d'] dipyrimidine 4,6(5H,7H)- diones and the significant features of the present protocol are simplicity, high yields, a simple isolation procedure, and high chemoselectivity

کلمات کلیدی:

Pyranopyrimidine, Arylglyoxal, Thiobarbituric acid, Regioselective, Chemoselective

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