

Synthesis of 1-(3-alkoxypropyl)-5-aryl-4-acyl-3-hydroxy-3-pyrroline-2-ones and their interaction with hydrazine hydrate

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Abstract

In the interaction of 3-alkoxypropylamine with the mixture of aromatic aldehyde and methyl ether of acyl pyro tartaric acid we obtained 1-(3-alkoxypropyl)-5-aryl-4-acyl-3-hydroxy-3-pyrroline-2-ones, which in the reaction with hydrazine hydrate form 4-aryl-3-acyl-5-(3-alkoxypropyl)-4,6-dihydropyrrolo[3,4-c]pyrazole-6-ones.