Reactions of 3-Arylhydrazono-2,4-dioxobutanoates with Hydrazine Hydrate

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Abstract—4-Substituted 3-arylhydrazono-2,4-dioxobutanoates acids esters undergo cyclization under the action of hydrazine hydrate to form 4-arylazo-3-pyrazolecarboxylic acids derivatives. The structure of the compounds obtained was determined from spectral methods.

Keywords: 4-alkyl-(2-furyl)-3-arylhydrazono-2,4-dioxobutanoates, hydrazine hydrate, 4-arylazo-3-pyrazole-carboxylic acids, 4-arylazo-3-pyrazolecarboxylates

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