

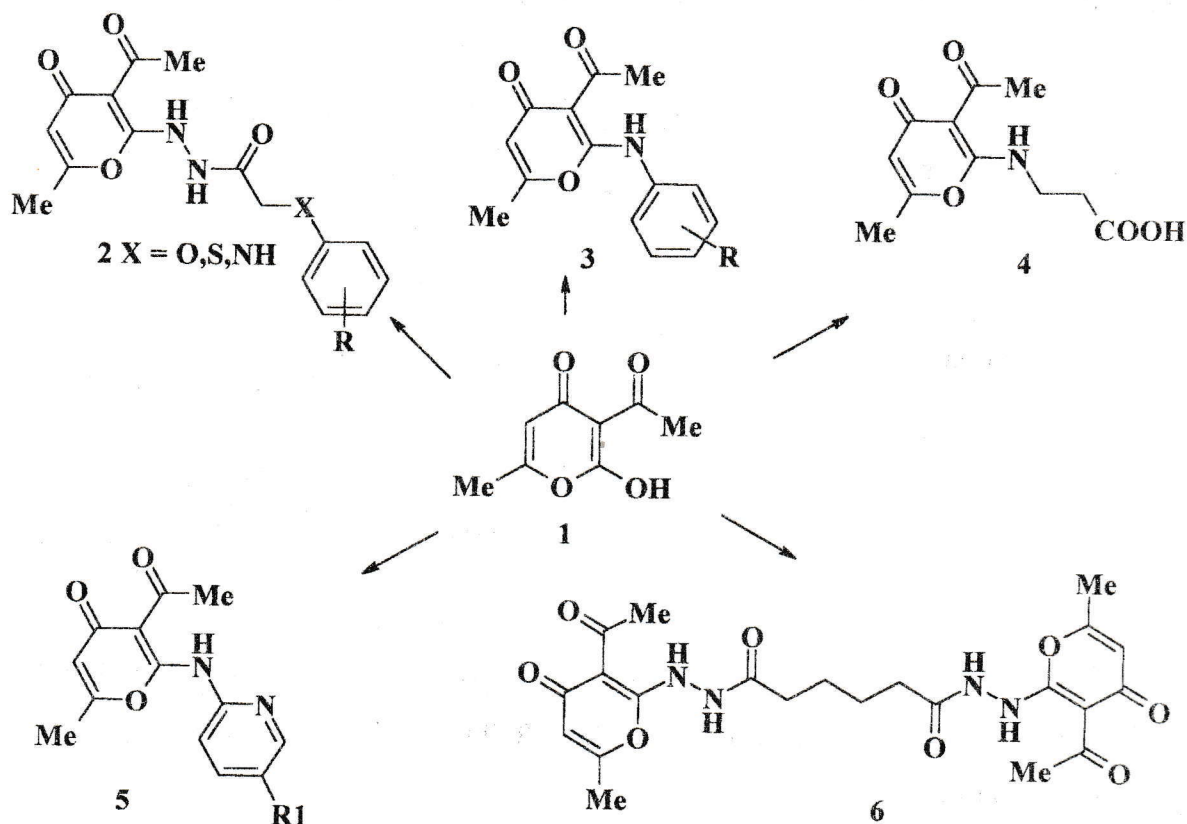
THE SYNTHESIS AND PROPERTIES OF 3-ACETYL-2-HYDROXY-6-METHYL-4H-PYRANONE-4 DERIVATIVES

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It is known that 3-acetyl-2-hydroxy-6-methyl-4H-pyranone-4 **1** shows the properties of ketone [1] in the reactions with aldehydes and dimethylacetale DMFA, but it forms 3-acetyl-6-methyl-2-(R-amino)-4H-4-pyranone derivatives [2] at interaction with N-nucleophiles.

It was shown that hydroxyl group in pyranone **1** is easily substituted by the corresponding fragments of aryl- and heterylamines, hydrazides of monobasic and dibasic acids, aminoacids with formation of derivatives **2-6**.



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2. K. Sucheta, A. Prashant, R. N. Rao, *Indian J.Chem.*, **34B**, 899 (1995).