

SYNTHESIS AND CHARACTERIZATION OF SOME PYRIMIDINE DERIVATIVES

(R. OR AR. -1, 2, 3, 4-TETRAHYDROPYRIMIDINE-5-CARBOXYLATE)

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ABSTRACT

This study includes synthesis and characterization of new derivatives of pyrimidine (R. OR Ar. -1, 2, 3, 4-tetrahydropyrimiden-5-carboxylate), via of the reaction from Acetoacetic acid ethyl ester with different aldehydes and gouindihydrochlorid. From ethanol absolute as a solvent this mixture was refluxed for (4 – 6) hrs. (The PH of the mixture is 6). The end of the reaction was checked by (T.L.C.), the prepared compounds were characterized by melting point, FT-IR, UV-Vis and 1H- NMR spectra.

KEYWORDS: Pyrimidines, Ethyl Acetoacetate, Gouindihydrochlorid, Different of Aldehydes