

Project title : CARBODIIMIDES IN THE SYNTHESIS OF N-ACYLUREAS

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ABSTRACT

Reactions of N,N'-dicyclohexylcarbodiimide (DCC) and carboxylic acids of aromatic, aliphatic and α, β -unsaturated types have been studied. N-acylureas and acid anhydrides are the products of the reactions. N-arylureas and N-cinnamoylureas may be utilized in the study of cyclisation reaction to form heterocyclic compounds including uracil analogues.