REARRANGEMENT OF α-DIALKYLAMINOACETOPHENONE OXIMES IN THE PRESENCE OF DMAD. SYNTHESIS OF DIMETHYL DIALKYLAMINOMETHYLENOXI-1,4-BUTENDIOATE

Necdet COŞKUN, Nevin ARİKAN

Uludağ University, Department of Chemistry, 16059-Bursa, TURKEY

Dialkylaminoacetophenone oximes 1 underwent unusual rearrangement in the presence of DMAD at reflux in benzene. The products 2 were obtained by this reaction in high yields. The mechanism of the reaction and the use of compounds 2 in the synthesis of heterocyclic compounds is discussed.

The structure of compounds 2 was confirmed by spectral means.