

Interaction of benzoyl and trichloroacetyl isocyanates with electrophilic reagents

Arbuzov B., Zobova N., Balabanova F.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

1. Benzoyl and trichloroacetyl isocyanates react with electrophilic reagents with greater difficulty than with nucleophilic reagents. 2. Benzoyl isocyanate reacts with ethylpropionate, propargylmethyl ether, and cis-dichloroethylene according to a scheme of 1,2-cycloaddition. 3. Trichloroacetyl isocyanate interacts with propargylmethyl ether according to the type of 1,2-cycloaddition and according to the type of substitutional addition. 4. A dimer of benzoyl isocyanate was produced, and its structure was established. © 1971 Consultants Bureau.

<http://dx.doi.org/10.1007/BF00853839>
