

Products of the reaction of chloroacetone and of 2-bromoacetophenone with diphenylphosphinous esters

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Abstract

1. Reaction of chloroacetone with ethyl and isobutyl diphenylphosphinites gave acetyldiphenylphosphine oxide and isopropenyl diphenylphosphinate. 2. The product of the reaction of ethyl or isobutyl diphenylphosphinite with 2-bromoacetophenone is phenacyldiphenylphosphine oxide. 3. The infrared and ultraviolet spectra of the products were determined. © 1966 Consultants Bureau Enterprises, Inc.

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