

Oxidation of 3-carene with oxygen in presence of chromig anhydride

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Abstract

1. The oxidation of 3-carene with oxygen in presence of CrO_3 proceeds with predominant formation of ketones. 2. The primary products of the reaction are probably hydroperoxides, which decompose under the influence of the catalyst to ketones and alcohols. 3. The formation of the products described is accompanied by profound structural changes in the 3-carene. © 1963 Consultants Bureau Enterprises Inc.

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