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Reaction of 2,3-epoxypinane with methanol in presence of sodium methoxide

Arbuzov B., Isaeva Z., Andreeva I.

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

Abstract

1. Under the action of sodium methoxide in methanol 2,3-epoxypinane forms trans-2(10)-pinen-3-ol (mixture of l- and d l-forms) and 3-pinanone (mixture of d- and d l-forms). 2. Under the conditions of the reaction of 2,3-epoxypinane with methanol 3-pinanone may be formed in two ways: 1) mainly directly by the isomerization of the epoxide into the ketone, and 2) by the isomerization of the primary reaction product 2(10)-pinen-3-ol under the action of the base. © 1968 Consultants Bureau.

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