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Oxidation of 3-carene with Pb(OAc)₄ in benzene

Arbuzov B., Ratner V., Isaeva Z.

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

Abstract

The products of the oxidation of 3-carene with lead tetraacetate in benzene contain, besides the previously identified compounds, also the acetates of trans-4-carene-3-ol, m-mentha-1,3-diol and 2-(m-tolyl)-2-propanol, which serves to confirm the assumption that the given reaction proceeds in two directions: a) with the formation of the allylic organolead derivative; and b) of the adduct of 3-carene with Pb(OAc)₄, as intermediate products. © 1973 Consultants Bureau.

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