

Stereochemistry of terpene derivatives. Part 4: fragrant terpenoid derivatives with an unsaturated *gem*-dimethylbicyclo[3.1.0]hexane system.

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Streszczenie

Starting from (+)-3-carene I several chiral fragrant compounds with the bicyclo[3.1.0]hexane system 4-6 and 10-20 were synthesized. These compounds are structural analogues of naturally occurring fragrant compounds, such as ionones and damascones, and possess either an endo- or an exo-cyclic double bond in the bicyclo[3.1.0]hexane moiety. The absolute configuration of selected products was confirmed by X-ray crystallography and circular dichroism analysis. (c) 2005 Elsevier Ltd. All rights reserved.

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