

Reaction of sulfur halides with unsaturated compounds - Communication 12. Stereochemistry of the oxidation of 2,9-dichloro-13-thiabicyclo[8.2.1]cis-5-tridecene

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Abstract

Oxidation of 2,9-dichloro-13-thiabicyclo[8.2.1]cis-5-tridecene with tert-amyl hydroperoxide leads to the respective exo-sulfoxide and also to a derivative of 13-thiabicyclo[7.3.1]cis-5-tridecene, which is a product from rearrangement with enlargement of the thiacyclopentane ring to a thiacyclohexane ring. © 1976 Plenum Publishing Corporation.

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