Synthesis of the Avocado Antifungal, (Z,Z)-2-Hydroxy-4-oxohenicosa-12,15-dien-1-yl Acetate

SD Bull and RM Carman

Abstract

A synthesis of the avocado antifungal, (Z,Z)-2-hydroxy-4-oxohenicosa-12,15-dien-1-yl acetate (1a), confirms the structure of the compound as isolated from both avocado fruit and leaves, and provides the absolute configuration of the natural lipid.

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