Tetrahedron Letters

Volume 32, Issue 33, 12 August 1991, Pages 4203–4206

Cover image

Exploratory study of β-carotene autoxidation

Raphael C. Mordia, John C. Waltona, Graham W. Burtonb, Lise Hughesb, Keith U. Ingoldb, David A. Lindsayb

Show more

Choose an option to locate/access this article:
Check if you have access through your login credentials or your institution

Check access

Purchase

doi:10.1016/S0040-4039(00)79905-9

Abstract

Get rights and content

The main products in the early stages of β -carotene autoxidation were epoxides, β -ionone, β -apo-13-carotenone, retinal, and related carbonyl compounds; in the final mixture short chain carbonyl compounds predominated.

The main products in the early stages of β -carotene autoxidation were epoxides, β -ionone, β -apo-13-carotenone, retinal, and related carbonyl compounds; in the final mixture short chain carbonyl compounds predominated.

Image for unlabelled figure
Keywords
Carotenoids; β -Carotene; Autoxidation; Degradation.
Copyright © 1991 Published by Elsevier Ltd.
About ScienceDirect
Contact and support
Terms and conditions
Privacy policy
Copyright © 2015 Elsevier B.V. or its licensors or contributors. ScienceDirect $^{\circ}$ is a registered trademark of Elsevier B.V.