



1. Identification

Catalogue Number

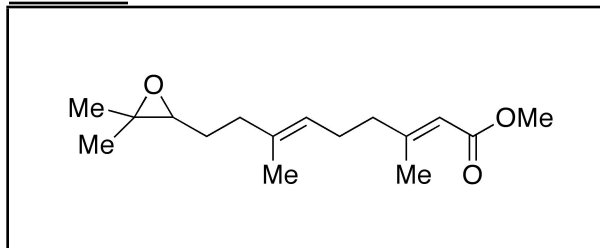
E589400

Lot Number

9-SKR-7-1

Product Name

trans-trans-10,11-Epoxy Farnesenic Acid Methyl Ester

StructureSynonyms

(2E,6E)- 9-(3,3-Dimethyl-2-oxiranyl)-3,7-dimethyl-2,6-nonadienoic Acid Methyl Ester; (E,E)-(±)-10,11-Epoxy-3,7,11-trimethyl-2,6-dodecadienoic Acid Methyl Ester; (E,E)-Methyl 3,7,11-trimethyl-10,11-epoxy-2,6-dodecadienoate; (±)-Juvenile Hormone III; Methyl RS-(±)-10,11-Epoxyfarnesate;

CAS Number

24198-95-6

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{16}H_{26}O_3$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Light sensitive

Molecular Weight

266.38

Purity

96%

2. Warnings

Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Pale Yellow Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 72.68, %H: 9.84

HPLC Purity

Report Result

96.86% (220 nm)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Quality Assurance Associate

Test Date

9/5/2024

Retest Date

9/3/2028