

## 1. Identification

Catalogue Number

S280655

Lot Number

7-MIE-108-4

Product Name

(-)-b-Sesquiphellandrene

Synonyms

(-)-(6R,7S)-Sesquiphellandrene; (-)-β-Sesquiphellandrene; (3R)-3-[(1S)-1,5-Dimethyl-4-hexen-1-yl]-6-methylenecyclohexene; (3R)-3-[(1S)-1,5-Dimethyl-4-hexenyl]-6-methylene-cyclohexene; [S-(R\*,S\*)]-3-(1,5-Dimethyl-4-hexenyl)-6-methylene-cyclohexene; (1'R,6S)-(-)-2-Methyl-6-(4-methylene-2-cyclohexen-1-yl)-2-heptene;

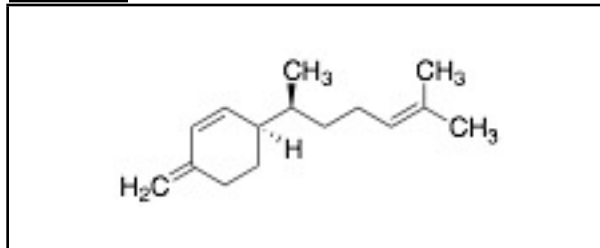
CAS Number

20307-83-9

Solubility

Chloroform (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>15</sub>H<sub>24</sub>

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere, Light sensitive

Molecular Weight

204.35

Purity

>95%

## 2. Warnings

Light sensitive

## 3. Analytical Information

Tests

Appearance

Specifications

Colourless Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 88.89, %H: 11.80

GC Purity

>95%

97.10%

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

-9.8° (c = 0.4, Methanol)

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 ± 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



Farnaz Mahmoudi

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

11/11/2024

Retest Date

11/9/2028