

1. Identification

Catalogue Number

B399805

Lot Number

712285684-3-1

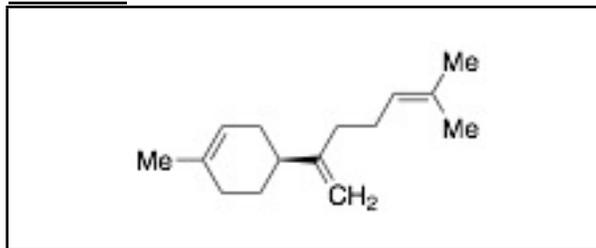
Product Name

(-)-b-Bisabolene (>85%)

Synonyms

(S)-(-)-6-Methyl-2-(4-methyl-3-cyclohexen-1-yl)-1,5-heptadiene; (4S)-1-Methyl-4-(5-methyl-1-methylene-4-hexenyl)-cyclohexene; (S)-1-Methyl-4-(5-methyl-1-methylene-4-hexenyl)-cyclohexene; β-Bisabolene; (4S)-1-Methyl-4-(5-methyl-1-methylene-4-hexen-1-yl)cyclohexene; (S)-1-Methyl-4-(5-methyl-1-methylene-4-hexenyl)-1-cyclohexene; l-β-Bisabolene; (S)-1-Methyl-4-(5-methyl-1-methylene

Structure



CAS Number

495-61-4

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₅H₂₄

Source of Product

N/A

Long Term Storage Conditions

4°C, Light sensitive

Molecular Weight

204.35

Purity

>85%

2. Warnings

Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Light Yellow Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 87.52, %H: 11.93

HPLC Purity

Report Result

92.89% (205 nm)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

-69.6° (c = 0.1, Ethanol)

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

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Nicole Badiali

Quality Assurance Associate

Test Date

8/20/2025

Retest Date

8/18/2029