



1. Identification

Catalogue Number

P294560

Lot Number

5-SUB-54-4

Product Name

b-Phellandrene (stabilized with 0.1% Hydroquinone)

Synonyms

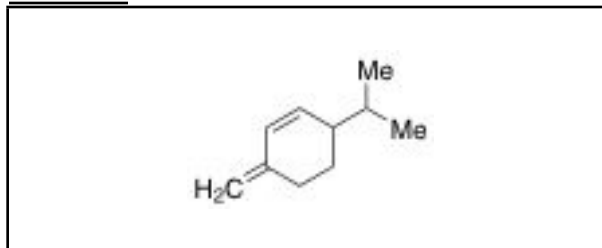
3-Methylene-6-(1-methylethyl)cyclohexene; p-Mentha-1(7),2-diene; (-)-?-Phellandrene; 3-Isopropyl-6-methylene-1-cyclohexene; 4-Isopropyl-1-methylene-2-cyclohexene; NSC 53044; beta-Phellandrene

CAS Number

555-10-2

Solubility

Chloroform (Sparingly), Ethyl Acetate (Slightly)

StructureShipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₁₀H₁₆Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere, Light sensitive

Molecular Weight

136.24

Purity

>95%

2. Warnings

Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Colourless Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

100.00% (240 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

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

2/6/2025

Retest Date

2/4/2029