

1. Identification

Catalogue Number

TRC-P294560

Lot Number

1-NOS-107-3

Product Name

β-Phellandrene

Synonyms

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

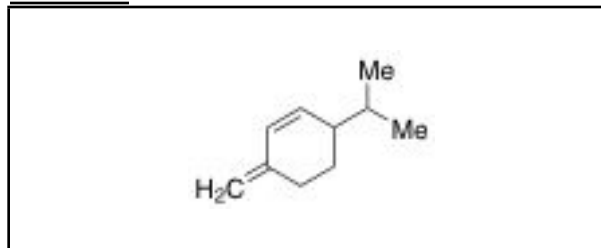
CAS Number

555-10-2

Solubility

Chloroform (Sparingly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀H₁₆

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere, Light sensitive

Molecular Weight

136.24

Purity

96%

2. Warnings

Light Sensitive

3. Analytical Information




<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Colourless Oil	Colourless Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	100.00% (235 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-0.1° (c = 1.0, Chloroform)

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			8/24/2021	8/22/2025
Neha Khanna	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		