



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

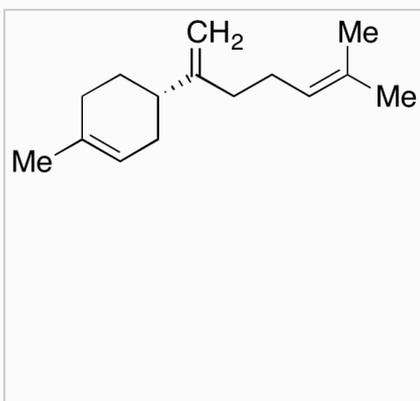
Catalogue Number: B399805

CAS Number: 495-61-4

Product: (-)- β -Bisabolene (>85%)

Synonym: (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-4-hexenyl)cyclohexene

Structure:



Molecular Formula:

C₁₅H₂₄

Molecular weight:

204.35

Source of Product:

N/A

Solubility:

Chloroform (Slightly), DMSO (Slightly), Ethanol (Slightly), Methanol (Slightly)

Lot Number: 2022-ZEA-032

Purity: >85%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Light Yellow Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 87.55, %H: 12.01
Specific Rotation	Report Result	-66.7° (c = 0.1, Ethanol)
HPLC Purity	Report Result	93.93% (200 nm)

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



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

11/17/2022

Retest Date

11/15/2026