

1. Identification

Catalogue Number

D459740

Lot Number

52-GHZ-114-1

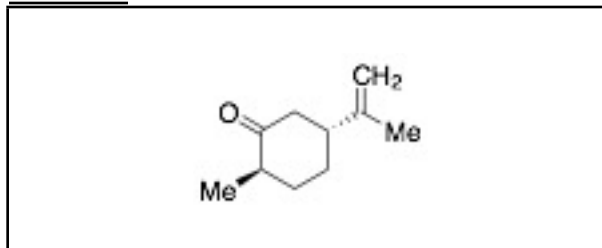
Product Name

(+)-Dihydrocarvone (Mixture of (2S)/(2R) isomers)

Synonyms

(+)-trans-Dihydrocarvone; (1R,4R)-(+)-Dihydrocarvone; (1R,4R)-Dihydrocarvone; (2R,5R)-(+)-Dihydrocarvone; (2R,5R)-2-Methyl-5-(prop-1-en-2-yl)cyclohexan-1-one; (2R,5R)-5-Isopropenyl-2-methylcyclohexanone; d-Dihydrocarvone; trans-(+)-Dihydrocarvone; (2R,5R)-2-Methyl-5-(1-methylethenyl)cyclohexanone;

Structure



CAS Number

5524-05-0

Solubility

Chloroform (Soluble), Ethyl Acetate (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀H₁₆O

Source of Product

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

152.23

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Colourless Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

GC Purity

>95%

99.26%

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

R. Sreji

swathi reddy

Product Quality Specialist

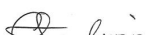
Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Christina Gouliaras

Quality Assurance Associate

Test Date

5/10/2024

Retest Date

5/8/2028