

1. Identification

Catalogue Number

K202260

Lot Number

5-PRN-91-2

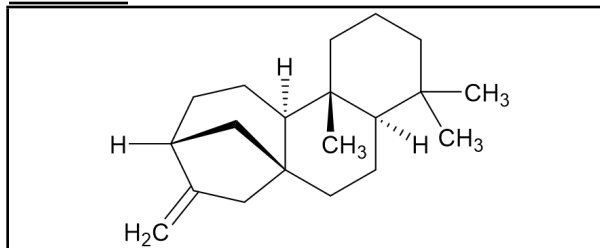
Product Name

Ent-Kaurene (>90%)

Synonyms

4,4,11b-trimethyl-8-methylenetetradecahydro-6a,9-methanocyclohepta[a]naphthalene

Structure



CAS Number

562-28-7

Solubility

Acetonitrile (Slightly), Chloroform (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₀H₃₂

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

272.47

Purity

>90%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Waxy Solid

Results

Off-White Waxy Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 85.33, %H: 11.74

GC Purity

Report Result

90.51%

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

-63.5° (c = 0.1, 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

Reviewed by

R. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Christina Gouliaras

Test Date

4/17/2025

Retest Date

4/15/2029

Swathi Reddy

Manager, Quality Assurance

Quality Assurance Associate

Product Quality Specialist