



CERTIFICATE OF ANALYSIS

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1. Identification

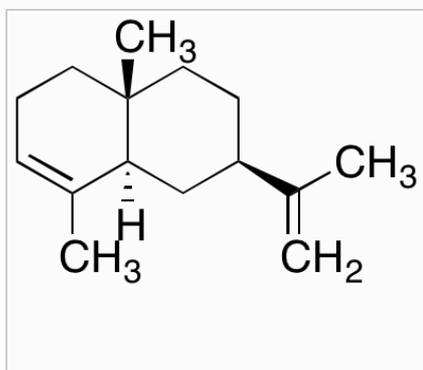
Catalogue Number: S253180

CAS Number: 473-13-2

Product: α -Selinene, >85%

Synonym: (2R,4aR,8aR)-4a,8-Dimethyl-2-(prop-1-en-2-yl)-1,2,3,4,4a,5,6,8a-octahydronaphthalene; Eudesma-3,11-diene; α -Selinene; (-)- α -Selinene; Selina-3,11-diene; [2R-(2 α ,4 α ,8 $\alpha\beta$)]-1,2,3,4,4a,5,6,8a-Octahydro-4a,8-dimethyl-2-(1-methylethenyl)naphthalene; α -Selinene, (-)-; (2R,4aR,8aR)-1,2,3,4,4a,5,6,8a-Octahydro-4a,8-dimethyl-2-(1-methylethenyl)naphthalene;

Structure:



Molecular Formula:

C₁₅H₂₄

Molecular weight:

204.35

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Hexane (Slightly)

Lot Number: 13-TKN-148-1

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 Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 88.60, %H: 12.16
Specific Rotation	Report Result	-7.9° (c = 0.4, Chloroform)
GC	Report Result	87.79%

Additional Information: Contains: ~1.0% Pentane

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

Meenakshi Sharma



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

8/23/2021

Retest Date

8/21/2025