



## 1. Identification

Catalogue Number

A110005

Lot Number

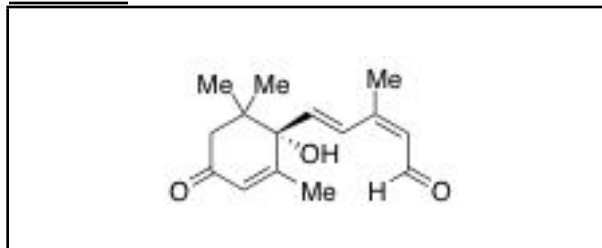
15-PSB-57-1

Product Name

(+) -Absciscic Aldehyde

Synonyms

(2Z,4E)-5-[(1S)-1-Hydroxy-2,6,6-trimethyl-4-oxo-2-cyclohexen-1-yl]-3-methyl-2,4-pentadienal; (+)-Abscisyl aldehyde; Absciscic Aldehyde

StructureCAS Number

41944-86-9

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{15}H_{20}O_3$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

248.32

Purity

&gt;95%

## 2. Warnings

Light Sensitive

## 3. Analytical Information

Tests

Appearance

Specifications

White to Pale Beige Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

&gt;95%

99.87% (285 nm)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

+408.5° (c = 0.1, Ethanol)

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

Jingning Zhou

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Rami Dhanoa

Quality Assurance Associate

Test Date

8/2/2024

Retest Date

7/31/2028