

## 1. Identification

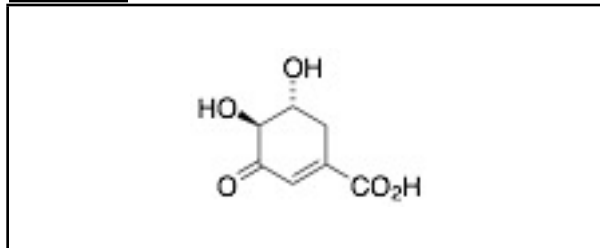
Catalogue Number

D230475

Lot Number

1-ARM-29-8

Structure



Product Name

(-)-3-Dehydro Shikimic Acid

Synonyms

DHS, 5-Dehydroshikimic Acid, 1-Cyclohexene-1-carboxylic Acid, 4,5-Dihydroxy-3-oxo trans

CAS Number

2922-42-1

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula

C<sub>7</sub>H<sub>8</sub>O<sub>5</sub>

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

172.14

Purity

>95%

## 2. Warnings

Temperature Sensitive

## 3. Analytical Information

Tests

Appearance

Specifications

Off-White to Beige Solid

Results

Off-White to Pale Beige Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.04% (235 nm)

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 ± 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

*Sadaf Samadi*

Sadaf Samadi

Quality Assurance Associate

Reviewed by

*Toni Rantanen*

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

*Chanell Chu*

Chanell Chu

Quality Assurance Associate

Test Date

12/8/2024

Retest Date

12/6/2028