

1. Identification

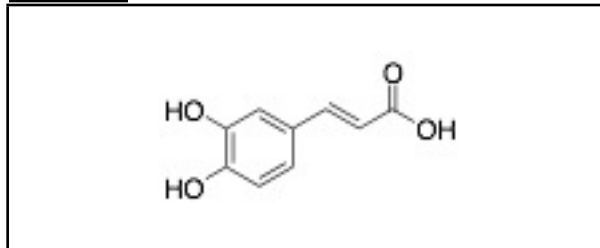
Catalogue Number

C079990

Lot Number

13-MWC-25-1

Structure



Product Name

trans-Caffeic Acid

Synonyms

(E)-3-(3,4-dihydroxyphenyl)-2-propenoic Acid; (E)-3,4-Dihydroxy-cinnamic Acid; trans-3,4-Dihydroxy-cinnamic Acid; (2E)-(3,4-Dihydroxyphenyl)-2-propenoic Acid; (E)-3,4-Dihydroxycinnamic acid; (E)-3-(3,4-Dihydroxyphenyl)-2-propenoic acid; (E)-3-(3,4-Dihydroxyphenyl)acrylic acid; (E)-Caffeic acid; 3,4-Dihydroxy-trans-cinnamic acid; trans-3,4-Dihydroxycinnamic acid

CAS Number

501-16-6

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₉H₈O₄

Source of Product

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

180.16

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Beige to Beige Solid

Results

Pale Beige Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.94% (325 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

R. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Chanell Chu

Test Date

1/3/2023

Retest Date

1/1/2027

Swathi Reddy

Manager, Quality Assurance

Jr. Quality Assurance

Product Quality Specialist