

**1. Identification**Catalogue Number

T526140

Lot Number

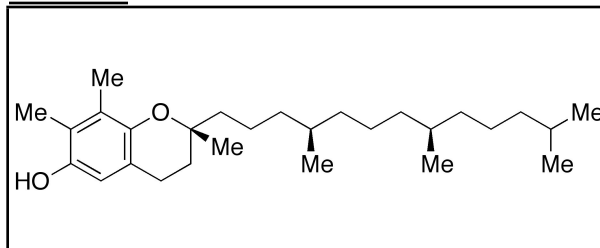
7-AZP-126-1

Product Name

γ-Tocopherol

Synonyms

(2R)-3,4-Dihydro-2,7,8-Trimethyl-2-[(4R,8R)-4,8,12-trimethyltridecyl]-2H-1-benzopyran-6-ol; (+)-2,7,8-Trimethyl-(7-methyl-d3)-2-(4,8,12-trimethyltridecyl)

StructureCAS Number

54-28-4

Solubility

Chloroform (Slightly), Ethyl Acetate (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₂₈H₄₈O₂Source of Product

N/A

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

416.68

Purity

94%

2. Warnings

Light Sensitive

3. Analytical InformationTests

Appearance

Specifications

Colourless to Brown Oil to Thick Oil

Results

Clear Colourless Thick Oil

NMR

Conforms to Structure

Conforms

GC Purity

Report Result

94.68%

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. SignaturesReviewed by

R. Sathya

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

6/6/2024

Retest Date

6/4/2028