

1. Identification

Catalogue Number

T526210

Lot Number

3-ZIW-45-1

Product Name

D-a-Tocopherol Quinone

Synonyms

[3R-(3R*,7R*,11R*)]-2-(3-Hydroxy-3,7,11,15-tetramethylhexadecyl)-3,5,6-trimethyl-2,5-cyclohexadiene-1,4-dione; 2-(3-Hydroxy-3,7,11,15-tetramethylhexadecyl)-3,5,6-trimethyl-p-benzoquinone; 2-[(3R,7R,11R)-3-Hydroxy-3,7,11,15-tetramethylhexadecyl]-3,5,6-trimethyl-2,5-cyclohexadiene-1,4-dione; 2-[(3R,7R,11R)-3-Hydroxy-3,7,11,15-tetramethylhexadecyl]-3,5,6-trimethylcyclohexa-2,5-diene

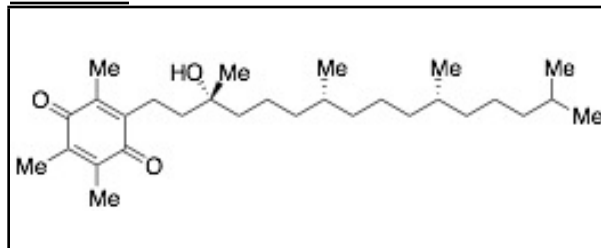
CAS Number

7559-04-8

Solubility

Chloroform (Sparingly), DMSO (Slightly), Ethyl Acetate (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₉H₅₀O₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Light sensitive

Molecular Weight

446.71

Purity

>95%

2. Warnings

Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Yellow to Dark Orange Thick Oil

Results

Clear Yellow Thick Oil

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.09% (270 nm)

MS

Conforms to Structure

Conforms

Additional Information

Contains: ~1.1% Dichloromethane

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

Swathi Reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

11/3/2022

Retest Date

11/1/2026