

1. Identification

Catalogue Number

A654500

Lot Number

39-AZC-140-1

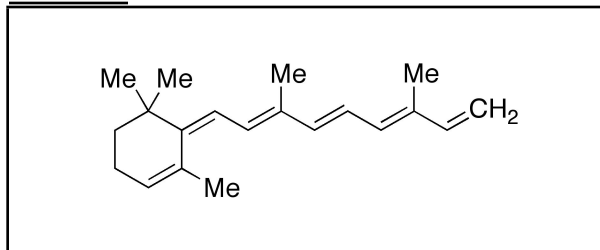
Product Name

all-trans-Anhydro Retinol (90%)

Synonyms

(6E)-6-[(2E,4E,6E)-3,7-Dimethyl-2,4,6,8-nonatetraen-1-ylidene]-1,5,5-trimethylcyclohexene;
Anhydroretinol; Anhydrovitamin A; Anhydrovitamin A1; R368; Anhydroretinol; all-trans-Anhydroretinol;
trans-Anhydrovitamin A;

Structure



CAS Number

1224-78-8

Solubility

Chloroform (Slightly),
Dichloromethane (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Dry Ice

Molecular Formula

C₂₀H₂₈

Source of Product

Synthetic

Long Term Storage Conditions

-86°C, Inert atmosphere, Light sensitive

Molecular Weight

268.44

Purity

90%

2. Warnings

Light Sensitive, Temperature Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Yellow to Orange Solid

Results

Yellow Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 89.01, %H: 10.47

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 $\pm 2\%$. 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



Meenakshi Sharma

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Sadaf Samadi

Quality Assurance Associate

Test Date

6/5/2024

Retest Date

6/3/2028