

**1. Identification**Catalogue Number

R239860

Lot Number

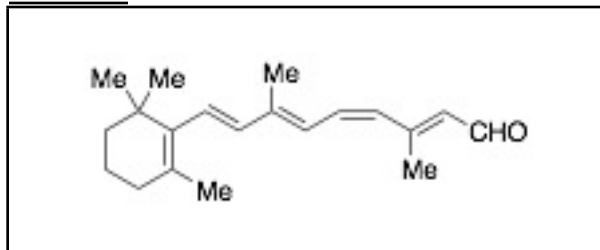
27-YKZ-9-3

Product Name

11-cis-Retinal (&gt;65%)

Synonyms

(11Z)-Retinal; 11-cis-Retinaldehyde; 11-cis-Vitamin A Aldehyde; Neoretinene b;

StructureCAS Number

564-87-4

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Dry Ice

Molecular FormulaC<sub>20</sub>H<sub>28</sub>OSource of Product

Synthetic

Long Term Storage Conditions

-86°C, Inert atmosphere, Light sensitive

Molecular Weight

284.44

Purity

&gt;65%

**2. Warnings**

Light Sensitive, Temperature Sensitive

**3. Analytical Information**Tests

Appearance

Specifications

Pale Yellow to Dark Brown Oil to Thick Oil

Results

Clear Yellow to Dark Yellow Oil

NMR

Conforms to Structure

Conforms

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

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Rami Dhanoa

Quality Assurance Associate

Test Date

2/5/2025

Retest Date

2/3/2026