



CERTIFICATE OF ANALYSIS

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1. Identification

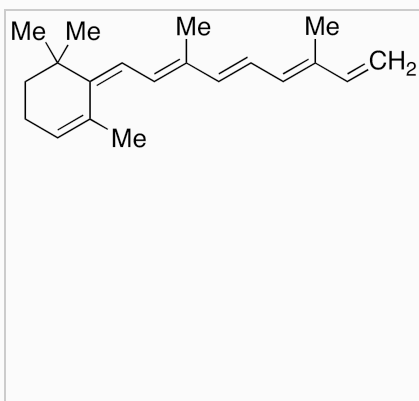
Catalogue Number: A654500

CAS Number: 1224-78-8

Product: all-trans-Anhydro Retinol (90%)

Synonym: (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:



Molecular Formula:

C₂₀H₂₈

Molecular weight:

268.44

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), DMSO (Slightly), Ethyl Acetate (Slightly), Methanol (Slig

Lot Number: 11-URV-85-2

Purity: 90%

Shipping Condition: This Product Is Stable To Be Shipped With Dry Ice

Storage Condition: -86°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Yellow to Orange Solid	Yellow to Orange Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 89.03, %H: 10.85
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	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	3/15/2023	3/13/2027