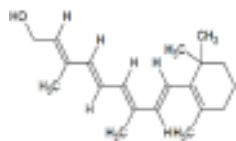


Vitamin A

ALTERNATE NAME: all-trans-3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatetraen-1-ol
Axerophthol
Vitamin A alcohol
All-trans-retinol

CATALOG #: B2456-50 50 mg
B2456-250 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₃₀O

MOLECULAR WEIGHT: 286.45

CAS NUMBER: 68-26-8

APPEARANCE: Yellow to orange brown powder

PURITY: ≥95%

STORAGE: Store at -20 °C.

SOLUBILITY: 1 mg/ml Ethanol

DESCRIPTION: Vitamin A is an intermediate in retinol metabolism in animals. It is metabolized to retinoic acid, a ligand for both the retinoic acid receptor (RAR) and the retinoid X receptor (RXR). roles in development, reproduction, immunity, organogenesis, and cancer. Vitamin A is a potent antioxidant that displays lipoperoxyl radical scavenging activity and fluorescent properties.

REFERENCES: Rochette-Egly, C., and Germain, P. (2009). Nucl. Recept. Signal 7, 1-18.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Fenretinide (9417)
Retinoic acid (2218)
9-cis-Retinoic acid (B2443)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*