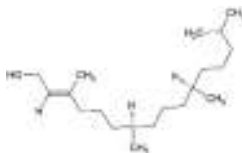


Phytol

ALTERNATE NAME: trans-Phytol
3,7R,11R,15-tetramethyl-2E-hexadecen-1-ol

CATALOG #: B2455-1G 1 g
B2455-5G 5 g

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₄₀O

MOLECULAR WEIGHT: 296.53

CAS NUMBER: 150-86-7

APPEARANCE: Colorless to pale yellow oil

PURITY: ≥85% (mixture of isomers)

STORAGE: Store at -20 °C.

SOLUBILITY: ~5 mg/ml DMSO

DESCRIPTION: Phytol is a diterpene alcohol commonly used as an aromatic ingredient in many fragrance compounds. Phytol and its metabolites have been reported to activate retinoid X receptors (RXRs) and to promote the activity of (peroxisome proliferator-activated receptor) PPAR/RXR heterodimers. Some of its lipophilic analogs show potent antitubercular activity.

REFERENCES: Gloerich, J., et al. (2007). Journal of Lipid Research 48, 77-85.

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

RELATED PRODUCTS:

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

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