

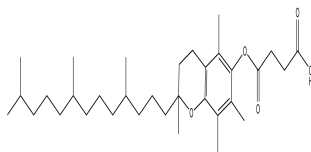
Product: α -Tocopheryl succinate

ALTERNATE NAME: CV 104; Covitol 1210; NSC 173849; d- α -Tocopherol Acid Succinate; α -Vitamin E Succinate; Vitamin E d- α -Tocosuccinate

CATALOG #: 2722-50, 250

AMOUNT: 50 mg, 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₃H₅₄O₅

MOLECULAR WEIGHT: 530.78

CAS NUMBER: 4345-03-3

APPEARANCE: Off-white solid

SOLUBILITY: DMSO

PURITY: \geq 98%

STORAGE: Store at -20 °C. Protect from air and moisture

DESCRIPTION: α -Tocopheryl succinate is an analog of α -Tocopherol (Vitamin E) with unique biological properties. It is the most effective form of Vitamin E in inducing differentiation, inhibition of proliferation and apoptosis in cancer cells. It does not affect the proliferation of most normal cells.

REFERENCES: Prasad, K.N. *et al.* (2003). *J. Am. Coll. Nutr.* **22**, 108-117.

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

RELATED PRODUCTS:

- Ascorbic Acid Assay Kit (Cat. No. K661-100)
- Ascorbic Acid Assay Kit II (FRASC) (Cat. No. K671-100)
- Caffeic Acid (Cat. No. 2006-100, 500)
- Carnosic Acid (Cat. No. 2075-5, 25)
- Catalase Assay kit (Cat. No. K773-100)
- Deferoxamine Mesylate (1883-500, 1000)
- (-)-Epigallocatechin gallate (Cat. No. 1841-50)
- FeTPPS (Cat. No. 2065-25, 100)
- Glutathione (GSH/GSSG Total) Assay Kit (Cat. No. K264-100)
- Glutathione Colorimetric Assay Kit (Cat. No. K261-100)
- Glutathione Fluorometric Assay Kit (Cat. No. K251-100)
- Glutathione Peroxidase Assay Kit (Cat. No. K762-100)
- Glutathione Reductase Assay Kit (Cat. No. K761-100)
- GST Colorimetric Assay Kit (Cat. No. K263-100)
- GST Fluorometric Assay Kit (Cat. No. K263-100)
- Hydrogen Peroxide Assay Kit (Cat. No. K265-100)
- Luteolin (Cat. No. 2005-5, 25)
- MnTBAP Chloride (Cat. No. 2058-10, 50)
- MnTMPyp Pentachloride (Cat. No. 2056-10, 50)
- Nitric Oxide Colorimetric Assay Kit (Cat. No. K263-100)
- Nitric Oxide Fluorometric Assay Kit (Cat. No. K252-100)
- Piceatannol (Cat. No. 2072-5, 25)
- Piperlongumine (Cat. No. 1919-10, 50)
- Piperlonguminine (Cat. No. 1988-10, 50)
- Pterostilbene (Cat. No. 2073-5, 25)
- Resveratrol (Cat. No. 1758-100, 500)
- Rhapontigenin (Cat. No. 2074-1, 5)
- Rosmarinic Acid (Cat. No. 1843-50, 250)
- SOD Activity Assay Kit (Cat. No. K335-100)
- Thioredoxin Reductase Assay Kit (Cat. No. K763-100)
- Tiliroside (Cat. No. 1879-1,5)
- Total Antioxidant Capacity Assay Kit (Cat. No. K274-100)
- Trolox (Cat. No. 2076-50, 250)
- Uric Acid Assay Kit (Cat. No. K608-100)
- Xanthine Oxidase Assay Kit (Cat. No. K710-100)

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